Eagle Mountain - Woodfibre Gas Pipeline Project

BCER Waste Discharge Permit Weekly Report

Contents

Preamble

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

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

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

Introduction

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

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

Sampling Methodology

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

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

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

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

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

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

Summary-BC Rail Site

Site Activities and Exceedances

- Weekly upstream and downstream taken by the QP.
- Water produced by the water treatment plant is being recirculated for tunneling and to create grout for tunneling.
- No discharge occurred during this reporting period.

Discharge from Water Treatment Plant

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

Table 3: Discharge from Water Treatment System Information

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

*Max discharge is 515 m3/day

Receiving Environment Monitoring-Squamish River

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

Table 4: Upstream Monitoring Information

Location	Date of Lab Sample	Real Time Monitored	Results
Squamish River Upstream	2025-07-02	Yes *	Full set of lab sample results, photo and documentation are provided in Appendix B.

Table 5: Downstream Monitoring Information

Location	Date of Lab Sample	Real Time Monitored	Results
Squamish River Downstream	2025-07-02	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.

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.
- The weekly WLNG EOP sample had a field pH reported as 5.94, below the BC water quality guideline for the protection of freshwater aquatic life (WQGFAL) range of 6.5 to 9, as well as below the BC WQG range protective of marine aquatic life (WQGMAL) of 7 to 8.7. This data appears to represent a meter issue, as the lab-measured pH was 7.22, and the continuous (15-minute interval) *in situ* monitoring of discharge pH ranged from 6.7 to 8.0 on July 2, which is within the BC WQGFAL range. Finally, the results of in situ receiving environment monitoring performed at the WLNG DS (downstream East Creek) monitoring station did not indicate low pH during the week of July 2, as reported results ranged between 7.6 and 8.7, which is also within the BC WQG ranges (both freshwater and marine). Therefore, risk associated with the low field pH reading on July 2 was considered negligible.
- The weekly WLNG EOP grab sample had a dissolved copper (D-Cu) concentration of 0.000264 mg/L on July 2, which marginally exceeded the acute BC WQGFAL of 0.0002 mg/L by a factor of 1.3 times (driven by low DOC and low pH). Because this guideline is derived with an uncertainty factor of 2, the potential for risk to aquatic life from D-Cu was considered negligible. Review of D-Cu in the receiving environment showed that background concentrations were elevated in East Creek and were almost double (WLNG US = 0.000482 mg/L) that measured in the EOP sample, while D-Cu at WLNG DS (0.000129 mg/L) was half the concentration of EOP and was compliant with BC WQGFAL. Therefore, while the D-Cu measurement in the EOP sample is reportable, it is much lower than background D-Cu concentrations upstream in East Creek on July 2, and because WLNG DS is compliant with the guideline, this EOP D-Cu data does not appear to pose additional toxicological risks to aquatic receptors.

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	2025-06-30	Yes-Appendix C	2,137m^3
Woodfibre	2025-07-01	Yes-Appendix C	2,218m^3
Woodfibre	2025-07-02	Yes-Appendix C	2,288m^3
Woodfibre	2025-07-03	Yes-Appendix C	2,159m^3
Woodfibre	2025-07-04	Yes-Appendix C	2,226m^3
Woodfibre	2025-07-05	Yes-Appendix C	2,153m^3
Woodfibre	2025-07-06	Yes-Appendix C	2,215m^3

*Max discharge is 1500m3/day

Receiving Environment Monitoring-East Creek

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

Table 7: Upstream Monitoring Information

Location	Date of Lab Sample	Real Time Monitored	Results
East Creek Upstream	2025-07-02	Yes *	Full set of lab sample results, photo and documentation are provided in Appendix D.

Table 8: Downstream Monitoring Information

	Date of Lab Sample	Real Time Monitored	Results
East Creek Downstream	2025-07-02	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). WLNG US exceeds the acute guidelines for Dissolved Copper

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

BCR Site Batch Sample Analysis

No Discharges

BCR Site WTP Discharge Field Notes and Logs
No Discharges

Appendix B: BCR Site Receiving Environment Documentation

BCR Site Receiving Environment Sample Analysis

Analyte	Unit	BC Approved Water Quality Guideline - Freshwater Aquatic Life - Long Term Average [1,2]	BC Approved Water Quality Guideline - Freshwater Aquatic Life - Short Term Max [1,2]	BC Working Water Quality Guideline - Freshwater Aquatic Life - Long Term Average [1,2]	BC Approved Water Quality Guideline - Marine Aquatic Life - Long Term Average [1,2]	BC Approved Water Quality Guideline - Marine Aquatic Life - Short Term Max [1,2]	BC Working Water Quality Guideline - Marine Aquatic Life - Long Term Average [1,2]	**SQU US 2025-07-02[3]**	**SQU DS 2025-07-02[3]**
In situ Parameters									
Field pH	**pH Units**	6.5 - 9			7 - 8.7			**9.92**	7.37
Field Temperature	**°C**	18	19					14.8	12.9
General Parameters									
pH	**pH Units**							6.46	6.46
Alkalinity (Total as $CaCO_3$)	**mg/L**							7.8	7
Alkalinity (PP as $CaCO_3$)	**mg/L**							<1	<1
Hardness ($CaCO_3$)-Total	**mg/L**							9.05	8.78
Hardness ($CaCO_3$)-Dissolved	**mg/L**							8.39	7.72
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**							<0.0019	<0.0019
Un-ionized Hydrogen Sulfide as S-Total	**mg/L**							<0.0018	<0.0018
Anions and Nutrients									
Ammonia (N)-Total	**mg/L**	0.135	0.704		0.23	1.5		<0.015	<0.015
Bicarbonate (HCO_3)	**mg/L**							9.5	8.6
Carbonate (CO_3)	**mg/L**							<1	<1
Hydroxide (OH)	**mg/L**							<1	<1
Nitrate (N)	**mg/L**	3	32.8		3.7			<0.02	<0.02
Nitrite (N)	**mg/L**	0.02	0.06					<0.005	<0.005
Nitrate plus Nitrite (N)	**mg/L**							<0.02	<0.02
Nitrogen (N)-Total	**mg/L**							0.106	0.06
Phosphorus (P)-Total (4500-P)	**mg/L**							0.12	0.1
Bromide (Br)	**mg/L**							<0.01	<0.01
Chloride (Cl)	**mg/L**	150	600					<1	<1
Fluoride (F)	**mg/L**		0.4			1.5		<0.05	<0.05
Sulphate (SO_4)-Dissolved	**mg/L**	128						2	1.8
Total Metals									
Aluminum (Al)-Total	**mg/L**	0.037799						**0.35**	**0.402**
Antimony (Sb)-Total	**mg/L**	0.074	0.25					<0.00002	<0.00002
Arsenic (As)-Total	**mg/L**	0.005			0.0125			0.000105	0.000125
Barium (Ba)-Total	**mg/L**			1				0.00932	0.0116
Beryllium (Be)-Total	**mg/L**			0.00013			0.1	<0.00001	<0.00001
Bismuth (Bi)-Total	**mg/L**							<0.00001	<0.00001
Boron (B)-Total	**mg/L**	1.2			1.2			<0.01	<0.01
Cadmium (Cd)-Total	**mg/L**						0.00012	0.0000051	0.0000052
Calcium (Ca)-Total	**mg/L**							2.98	2.86
Cesium (Cs)-Total	**mg/L**							<0.00005	<0.00005

Analyte	Unit	BC Approved Water Quality Guideline - Freshwater Aquatic Life - Long Term Average [1,2]	BC Approved Water Quality Guideline - Freshwater Aquatic Life - Short Term Max [1,2]	BC Working Water Quality Guideline - Freshwater Aquatic Life - Long Term Average [1,2]	BC Approved Water Quality Guideline - Marine Aquatic Life - Long Term Average [1,2]	BC Approved Water Quality Guideline - Marine Aquatic Life - Short Term Max [1,2]	BC Working Water Quality Guideline - Marine Aquatic Life - Long Term Average [1,2]	SQU US 2025-07-02[3]	SQU DS 2025-07-02[3]
Chromium (Cr)-Total	**mg/L**							0.00031	0.00021
Chromium (Cr III)-Total	**mg/L**			0.0089			0.056	<0.00099	<0.00099
Chromium (Cr VI)-Total	**mg/L**			0.0025			0.0015	<0.00099	<0.00099
Cobalt (Co)-Total	**mg/L**	0.000389	0.11					0.000141	0.000184
Copper (Cu)-Total	**mg/L**				0.002	0.003		0.00107	0.00117
Iron (Fe)-Total	**mg/L**		1					0.28	0.354
Lead (Pb)-Total	**mg/L**				0.002	0.14		0.000066	0.000078
Lithium (Li)-Total	**mg/L**							0.00053	0.00064
Magnesium (Mg)-Total	**mg/L**							0.39	0.4
Manganese (Mn)-Total	**mg/L**	0.644	0.637				0.1	0.00933	0.0123
Mercury (Hg)-Total	**mg/L**	0.00002			0.00002			0.0000022	<0.0000019
Molybdenum (Mo)-Total	**mg/L**	7.6	46					0.000368	0.000351
Nickel (Ni)-Total	**mg/L**						0.0083	0.00021	0.00021
Phosphorus (P)-Total (ICPMS)	**mg/L**							0.025	0.0252
Potassium (K)-Total	**mg/L**							0.42	0.48
Rubidium (Rb)-Total	**mg/L**							0.000959	0.00118
Selenium (Se)-Total	**mg/L**	0.002			0.002			<0.00004	<0.00004
Silicon (Si)-Total	**mg/L**							2.93	2.8
Silver (Ag)-Total	**mg/L**	0.00012			0.0005	0.0037	0.0005	<0.00001	<0.00001
Sodium (Na)-Total	**mg/L**							0.9	0.85
Strontium (Sr)-Total	**mg/L**							0.0191	0.0185
Sulphur (S)-Total	**mg/L**							<3	<3
Tellurium (Te)-Total	**mg/L**							<0.00002	<0.00002
Thallium (Tl)-Total	**mg/L**			0.00003				0.0000041	0.0000071
Thorium (Th)-Total	**mg/L**							<0.00005	<0.00005
Tin (Sn)-Total	**mg/L**							<0.0002	<0.0002
Titanium (Ti)-Total	**mg/L**							0.0185	0.0237
Uranium (U)-Total	**mg/L**		0.0165	0.0075				0.0000284	0.0000342
Vanadium (V)-Total	**mg/L**			0.06			0.005	0.00122	0.00139
Zinc (Zn)-Total	**mg/L**				0.01	0.055		0.0019	0.0017
Zirconium (Zr)-Total	**mg/L**							0.00019	0.00013
Dissolved Metals									
Aluminum (Al)-Dissolved	**mg/L**							0.0252	0.0296
Antimony (Sb)-Dissolved	**mg/L**							<0.00002	<0.00002
Arsenic (As)-Dissolved	**mg/L**							0.000077	0.000084
Barium (Ba)-Dissolved	**mg/L**							0.0038	0.00409
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**	0.000035	0.000048					<0.000005	<0.000005
Calcium (Ca)-Dissolved	**mg/L**							2.9	2.68
Cesium (Cs)-Dissolved	**mg/L**							<0.00005	<0.00005

Analyte	Unit	BC Approved Water Quality Guideline - Freshwater Aquatic Life - Long Term Average [1] [2]	BC Approved Water Quality Guideline - Freshwater Aquatic Life - Short Term Max [1] [2]	BC Working Water Quality Guideline - Freshwater Aquatic Life - Long Term Average [1] [2]	BC Approved Water Quality Guideline - Marine Aquatic Life - Long Term Average [1] [2]	BC Approved Water Quality Guideline - Marine Aquatic Life - Short Term Max [1] [2]	BC Working Water Quality Guideline - Marine Aquatic Life - Long Term Average [1] [2]	SQU US 2025-07-02[3]	SQU DS 2025-07-02[3]
Chromium (Cr)-Dissolved	**mg/L**							<0.0001	<0.0001
Cobalt (Co)-Dissolved	**mg/L**							0.0000274	0.0000286
Copper (Cu)-Dissolved	**mg/L**	0.0002	0.000464					**0.000358**	**0.000345**
Iron (Fe)-Dissolved	**mg/L**		0.35					0.0179	0.0214
Lead (Pb)-Dissolved	**mg/L**	0.000861						0.0000066	0.0000078
Lithium (Li)-Dissolved	**mg/L**							<0.0005	<0.0005
Manganese (Mn)-Dissolved	**mg/L**							0.00339	0.00367
Magnesium (Mg)-Dissolved	**mg/L**							0.279	0.248
Mercury (Hg)-Dissolved	**mg/L**							<0.0000019	<0.0000019
Molybdenum (Mo)-Dissolved	**mg/L**							0.00036	0.000356
Nickel (Ni)-Dissolved	**mg/L**	0.0003	0.0078					0.000048	0.000061
Phosphorus (P)-Dissolved	**mg/L**							0.0112	0.0092
Potassium (K)-Dissolved	**mg/L**							0.35	0.362
Rubidium (Rb)-Dissolved	**mg/L**							0.000567	0.000601
Selenium (Se)-Dissolved	**mg/L**							<0.00004	<0.00004
Silicon (Si)-Dissolved	**mg/L**							2.14	1.93
Silver (Ag)-Dissolved	**mg/L**							<0.000005	<0.000005
Sodium (Na)-Dissolved	**mg/L**							0.898	0.843
Strontium (Sr)-Dissolved	**mg/L**			1.25				0.0164	0.0152
Sulphur (S)-Dissolved	**mg/L**							<3	<3
Tellurium (Te)-Dissolved	**mg/L**							<0.00002	<0.00002
Thallium (Tl)-Dissolved	**mg/L**							<0.000002	<0.000002
Thorium (Th)-Dissolved	**mg/L**							0.0000054	0.0000069
Tin (Sn)-Dissolved	**mg/L**							<0.0002	<0.0002
Titanium (Ti)-Dissolved	**mg/L**							0.0007	0.00101
Uranium (U)-Dissolved	**mg/L**							0.0000157	0.0000174
Vanadium (V)-Dissolved	**mg/L**							0.00069	0.00061
Zinc (Zn)-Dissolved	**mg/L**	0.001063	0.006378					0.00066	0.00025
Zirconium (Zr)-Dissolved	**mg/L**							<0.0001	<0.0001
Inorganics									
Organic Carbon (C)-Total	**mg/L**							0.6	<0.5
Organic Carbon (C)-Dissolved	**mg/L**							0.56	<0.5
Solids-Total Dissolved	**mg/L**							28	20
Solids-Total Suspended	**mg/L**	78	98					73	**82**

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

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

[3] **Bold text** denotes value exceeding guidelines, except in cases where they are below a station-specific guideline that isn't displayed as per [1] and [2] above. Note: Not all exceedances are project related.

BCR Site Receiving Environment Field Notes and Logs

Water Quality Field Data Sheet

Hatfield

Project: FORTIS11234

Location Information

Site ID: SQV DS
Site Name: SQV
Site UTM: Zone: E:
(NAD83) N:
Date: 20250702
Time:
Crew: Arian F.
Weather: Clear Foggy Cloudy Rain Snow Windy

In Situ Parameters

pH: 7.94
Temp: 12.9 (°C)
Turbidity: 76.4 NTU
DO: AR (mg/L)
Cond: 35 (us)
Visible Sheen: Y N
Water Surface Condition: Clear Turbid Foaming Ice

Photo Record

Photo

Photo

Photo

Observations

1- High water levels
2- Very turbid surface
3. Very high difference in cond. and pH compared to US despite multiple sampling

Location Information

Site ID:
Site Name:
Site UTM: Zone E:
(NAD83) N:
Date:
Time:
Crew:
Weather: Clear Foggy Cloudy Rain Snow Windy

In Situ Parameters

pH:
Temp: (°C)
Turbidity: NTU
DO: (mg/L)
Cond: (us)
Visible Sheen: Y / N
Water Surface Condition: Clear Turbid Foaming Ice

Water Quality Field Data Sheet

Hatfield

Project: FORTIS11234

Location Information

Site ID: SQU US Date: 20250702

Site Name: SQU Time:

Site UTM: Zone: E: Crew: Arian F

(NAD83) N: Weather: Clear Foggy Cloudy Rain Snow Windy

In Situ Parameters

pH: 9.92 DO: — (mg/L)

Temp: 14.8 (°C) Cond: 105 (us)

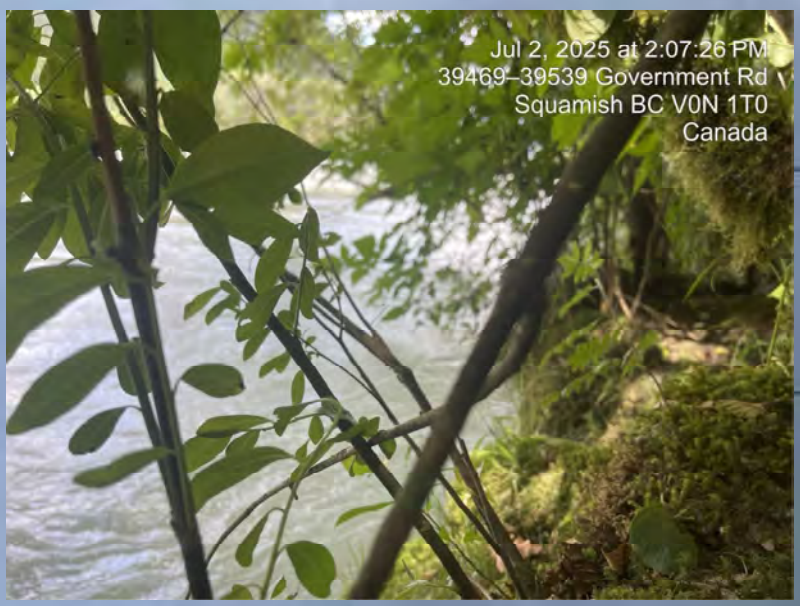
Turbidity: 68.6 NTU

Visible Sheen: Y (N)

Water Surface Condition: Clear (Turbid) Foaming Ice

Photo Record

Photo



Photo

Photo

Observations

1. High water levels

2. Very turbid surface

Squamish River							
Station	Date/Time	Temperature (C)	Specific Conductivity (µS/cm)	ORP (V)	pH (pH units)	Dissolved Oxygen (mg/L)	Turbidity (NTU)
SQU-DS	2025-06-30 00:00:00	11.58	29.18	0.32	7.14	9.98	70.32
SQU-DS	2025-06-30 00:15:00	11.51	29.07	0.33	7.11	9.98	51.75
SQU-DS	2025-06-30 00:30:00	11.43	29.33	0.31	7.14	10.00	49.98
SQU-DS	2025-06-30 00:45:00	11.37	28.89	0.31	7.07	10.01	61.78
SQU-DS	2025-06-30 01:00:00	11.28	28.99	0.32	7.11	10.02	54.99
SQU-DS	2025-06-30 01:15:00	11.21	28.72	0.33	7.14	10.04	54.94
SQU-DS	2025-06-30 01:30:00	11.15	28.28	0.32	7.07	10.05	49.69
SQU-DS	2025-06-30 01:45:00	11.10	28.34	0.32	7.11	10.07	47.76
SQU-DS	2025-06-30 02:00:00	11.03	27.96	0.32	7.11	10.07	49.27
SQU-DS	2025-06-30 02:15:00	10.97	27.94	0.33	7.05	10.08	46.76
SQU-DS	2025-06-30 02:30:00	10.91	28.04	0.31	7.01	10.08	44.72
SQU-DS	2025-06-30 02:45:00	10.81	28.26	0.31	7.07	10.10	48.93
SQU-DS	2025-06-30 03:15:00	10.72	27.61	0.32	7.09	10.14	52.81
SQU-DS	2025-06-30 03:30:00	10.65	27.28	0.31	7.08	10.14	36.78
SQU-DS	2025-06-30 03:45:00	10.59	27.30	0.31	7.08	10.16	45.00
SQU-DS	2025-06-30 04:15:00	10.48	26.94	0.32	7.05	10.16	43.94
SQU-DS	2025-06-30 04:30:00	10.41	26.84	0.31	7.10	10.19	41.67
SQU-DS	2025-06-30 04:45:00	10.37	26.77	0.32	7.01	10.18	38.28
SQU-DS	2025-06-30 05:00:00	10.31	26.50	0.32	7.06	10.19	41.45
SQU-DS	2025-06-30 05:15:00	10.27	26.44	0.33	7.01	10.20	48.39
SQU-DS	2025-06-30 05:30:00	10.22	26.03	0.32	7.05	10.22	40.55
SQU-DS	2025-06-30 05:45:00	10.19	25.86	0.33	7.01	10.22	45.15
SQU-DS	2025-06-30 06:00:00	10.14	25.85	0.33	7.08	10.24	37.25
SQU-DS	2025-06-30 06:15:00	10.10	25.46	0.34	7.01	10.25	40.65
SQU-DS	2025-06-30 06:30:00	10.08	25.42	0.32	7.06	10.27	50.74
SQU-DS	2025-06-30 06:45:00	10.04	25.47	0.32	7.08	10.28	40.47
SQU-DS	2025-06-30 07:00:00	10.01	25.33	0.33	7.08	10.30	44.08
SQU-DS	2025-06-30 07:15:00	10.00	25.30	0.34	7.04	10.31	43.81
SQU-DS	2025-06-30 07:30:00	10.00	24.91	0.33	7.07	10.32	59.56
SQU-DS	2025-06-30 07:45:00	10.01	24.71	0.33	7.06	10.33	37.11
SQU-DS	2025-06-30 08:00:00	10.01	24.83	0.34	7.06	10.35	39.50
SQU-DS	2025-06-30 08:15:00	10.03	24.82	0.34	7.08	10.35	38.80
SQU-DS	2025-06-30 08:30:00	10.06	23.96	0.31	7.08	10.37	46.44
SQU-DS	2025-06-30 08:45:00	10.07	24.26	0.31	7.08	10.37	41.65
SQU-DS	2025-06-30 09:00:00	10.11	24.14	0.32	7.10	10.38	41.79
SQU-DS	2025-06-30 09:15:00	10.17	24.06	0.33	7.06	10.38	49.66
SQU-DS	2025-06-30 09:30:00	10.21	24.75	0.31	7.09	10.40	28.80
SQU-DS	2025-06-30 09:45:00	10.28	24.79	0.32	7.09	10.38	43.19
SQU-DS	2025-06-30 10:00:00	10.35	24.81	0.33	7.11	10.39	67.88
SQU-DS	2025-06-30 10:15:00	10.40	24.74	0.33	7.08	10.39	48.13
SQU-DS	2025-06-30 10:30:00	10.45	24.67	0.28	7.10	10.40	51.12
SQU-DS	2025-06-30 10:45:00	10.51	24.54	0.30	7.10	10.40	69.63
SQU-DS	2025-06-30 11:00:00	10.59	24.52	0.32	7.08	10.38	59.26
SQU-DS	2025-06-30 11:15:00	10.66	24.63	0.32	7.08	10.37	70.99
SQU-DS	2025-06-30 11:30:00	10.75	24.65	0.30	7.05	10.36	71.10
SQU-DS	2025-06-30 11:45:00	10.83	24.67	0.32	7.06	10.36	54.61
SQU-DS	2025-06-30 12:00:00	10.92	24.92	0.33	7.08	10.35	66.65
SQU-DS	2025-06-30 12:15:00	11.03	24.73	0.33	7.09	10.34	52.89
SQU-DS	2025-06-30 12:30:00	11.12	24.77	0.32	7.06	10.33	57.08

Squamish River							
Station	Date/Time	Temperature (C)	Specific Conductivity (µS/cm)	ORP (V)	pH (pH units)	Dissolved Oxygen (mg/L)	Turbidity (NTU)
SQU-DS	2025-06-30 12:45:00	11.20	24.68	0.32	7.12	10.32	56.24
SQU-DS	2025-06-30 13:00:00	11.28	24.48	0.33	7.12	10.33	64.41
SQU-DS	2025-06-30 13:15:00	11.39	24.65	0.33	7.11	10.31	45.33
SQU-DS	2025-06-30 13:30:00	11.47	24.59	0.28	7.11	10.31	60.30
SQU-DS	2025-06-30 13:45:00	11.56	24.65	0.31	7.15	10.30	47.52
SQU-DS	2025-06-30 14:00:00	11.67	24.45	0.32	7.11	10.28	59.81
SQU-DS	2025-06-30 14:15:00	11.74	24.51	0.33	7.15	10.27	88.12
SQU-DS	2025-06-30 14:30:00	11.82	24.32	0.31	7.09	10.27	72.27
SQU-DS	2025-06-30 14:45:00	11.90	24.41	0.32	7.15	10.25	55.20
SQU-DS	2025-06-30 15:00:00	11.99	24.31	0.33	7.04	10.25	56.18
SQU-DS	2025-06-30 15:15:00	12.08	25.07	0.33	7.10	10.22	50.68
SQU-DS	2025-06-30 15:30:00	12.16	25.27	0.29	7.14	10.21	49.15
SQU-DS	2025-06-30 15:45:00	12.26	25.50	0.31	7.15	10.19	58.81
SQU-DS	2025-06-30 16:00:00	12.34	25.82	0.32	7.18	10.18	58.97
SQU-DS	2025-06-30 16:15:00	12.42	26.16	0.33	7.15	10.17	74.70
SQU-DS	2025-06-30 16:30:00	12.48	26.36	0.30	7.19	10.14	53.83
SQU-DS	2025-06-30 16:45:00	12.56	26.42	0.31	7.19	10.13	48.93
SQU-DS	2025-06-30 17:00:00	12.62	26.54	0.33	7.16	10.09	43.12
SQU-DS	2025-06-30 17:15:00	12.69	26.68	0.33	7.16	10.08	55.90
SQU-DS	2025-06-30 17:30:00	12.74	26.32	0.30	7.14	10.07	56.43
SQU-DS	2025-06-30 17:45:00	12.80	26.83	0.32	7.12	10.03	55.39
SQU-DS	2025-06-30 18:00:00	12.85	26.67	0.33	7.13	10.01	59.51
SQU-DS	2025-06-30 18:15:00	12.89	26.85	0.33	7.18	9.99	55.08
SQU-DS	2025-06-30 18:30:00	12.92	26.83	0.30	7.16	9.96	40.79
SQU-DS	2025-06-30 18:45:00	12.95	27.17	0.31	7.20	9.92	57.59
SQU-DS	2025-06-30 19:00:00	12.97	27.22	0.32	7.17	9.91	44.93
SQU-DS	2025-06-30 19:15:00	12.99	26.71	0.32	7.20	9.87	45.61
SQU-DS	2025-06-30 19:30:00	13.00	26.99	0.31	7.19	9.85	55.29
SQU-DS	2025-06-30 19:45:00	13.00	26.90	0.32	7.17	9.83	54.22
SQU-DS	2025-06-30 20:00:00	12.99	27.20	0.33	7.11	9.80	79.39
SQU-DS	2025-06-30 20:15:00	12.97	27.13	0.34	7.12	9.79	52.49
SQU-DS	2025-06-30 20:30:00	12.95	27.16	0.32	7.16	9.78	66.77
SQU-DS	2025-06-30 20:45:00	12.92	27.04	0.32	7.18	9.77	56.44
SQU-DS	2025-06-30 21:00:00	12.88	26.88	0.33	7.16	9.76	62.19
SQU-DS	2025-06-30 21:15:00	12.83	26.60	0.34	7.12	9.75	61.42
SQU-DS	2025-06-30 21:30:00	12.79	26.36	0.32	7.15	9.75	64.84
SQU-DS	2025-06-30 21:45:00	12.73	26.18	0.32	7.17	9.76	67.54
SQU-DS	2025-06-30 22:00:00	12.68	25.95	0.33	7.13	9.77	66.67
SQU-DS	2025-06-30 22:15:00	12.61	25.96	0.33	7.16	9.77	78.67
SQU-DS	2025-06-30 22:30:00	12.54	25.80	0.31	7.15	9.77	97.94
SQU-DS	2025-06-30 22:45:00	12.46	25.68	0.32	7.14	9.78	82.11
SQU-DS	2025-06-30 23:00:00	12.40	25.57	0.33	7.06	9.79	69.86
SQU-DS	2025-06-30 23:15:00	12.31	25.66	0.34	7.02	9.80	79.64
SQU-DS	2025-06-30 23:30:00	12.23	25.78	0.32	7.13	9.82	95.74
SQU-DS	2025-06-30 23:45:00	12.15	25.78	0.33	7.05	9.83	91.53
SQU-DS	2025-07-01 00:00:00	12.09	25.69	0.33	7.10	9.85	69.26
SQU-DS	2025-07-01 00:15:00	11.99	25.99	0.34	7.11	9.85	73.49
SQU-DS	2025-07-01 00:30:00	11.91	25.86	0.32	7.07	9.86	73.27
SQU-DS	2025-07-01 00:45:00	11.83	25.83	0.32	7.05	9.87	74.77

Squamish River							
Station	Date/Time	Temperature (C)	Specific Conductivity (µS/cm)	ORP (V)	pH (pH units)	Dissolved Oxygen (mg/L)	Turbidity (NTU)
SQU-DS	2025-07-01 01:00:00	11.76	25.67	0.33	7.11	9.89	80.33
SQU-DS	2025-07-01 01:15:00	11.68	25.62	0.34	7.07	9.91	85.44
SQU-DS	2025-07-01 01:30:00	11.61	25.73	0.32	7.07	9.91	88.46
SQU-DS	2025-07-01 01:45:00	11.55	25.35	0.33	7.10	9.93	92.08
SQU-DS	2025-07-01 02:00:00	11.47	25.41	0.33	7.09	9.94	113.38
SQU-DS	2025-07-01 02:15:00	11.43	25.05	0.34	7.09	9.96	98.70
SQU-DS	2025-07-01 02:30:00	11.37	24.96	0.32	7.08	9.99	99.05
SQU-DS	2025-07-01 02:45:00	11.30	24.67	0.33	7.04	9.99	94.94
SQU-DS	2025-07-01 03:00:00	11.25	24.55	0.33	7.04	9.99	85.72
SQU-DS	2025-07-01 03:15:00	11.18	24.23	0.34	7.05	10.01	98.29
SQU-DS	2025-07-01 03:30:00	11.11	24.18	0.33	7.10	10.03	92.01
SQU-DS	2025-07-01 03:45:00	11.07	23.92	0.33	7.03	10.04	92.85
SQU-DS	2025-07-01 04:00:00	10.99	24.00	0.34	7.03	10.05	110.25
SQU-DS	2025-07-01 04:15:00	10.96	23.70	0.34	7.08	10.07	121.16
SQU-DS	2025-07-01 04:30:00	10.89	23.78	0.31	6.98	10.09	119.76
SQU-DS	2025-07-01 04:45:00	10.87	23.50	0.32	7.07	10.10	103.45
SQU-DS	2025-07-01 05:00:00	10.79	23.54	0.34	7.03	10.12	74.34
SQU-DS	2025-07-01 05:15:00	10.77	23.32	0.35	6.97	10.13	144.39
SQU-DS	2025-07-01 05:30:00	10.73	23.09	0.32	7.05	10.14	105.37
SQU-DS	2025-07-01 05:45:00	10.71	22.95	0.32	7.07	10.15	124.88
SQU-DS	2025-07-01 06:00:00	10.65	23.04	0.33	7.02	10.16	109.00
SQU-DS	2025-07-01 06:15:00	10.63	22.88	0.34	7.06	10.16	127.40
SQU-DS	2025-07-01 06:30:00	10.60	22.70	0.32	7.06	10.18	122.53
SQU-DS	2025-07-01 06:45:00	10.60	22.67	0.32	7.07	10.17	91.82
SQU-DS	2025-07-01 07:00:00	10.57	22.67	0.33	6.95	10.18	104.20
SQU-DS	2025-07-01 07:15:00	10.60	22.47	0.34	6.97	10.20	96.05
SQU-DS	2025-07-01 07:30:00	10.61	22.41	0.32	7.01	10.17	99.95
SQU-DS	2025-07-01 07:45:00	10.59	22.45	0.32	7.04	10.20	88.86
SQU-DS	2025-07-01 08:00:00	10.62	22.36	0.34	7.01	10.20	98.46
SQU-DS	2025-07-01 08:15:00	10.60	22.48	0.34	7.04	10.23	88.48
SQU-DS	2025-07-01 08:30:00	10.64	22.38	0.32	7.06	10.21	103.93
SQU-DS	2025-07-01 08:45:00	10.68	22.30	0.33	7.02	10.24	93.61
SQU-DS	2025-07-01 09:00:00	10.70	22.24	0.33	7.06	10.24	77.41
SQU-DS	2025-07-01 09:15:00	10.68	22.43	0.34	7.05	10.27	95.69
SQU-DS	2025-07-01 09:30:00	10.73	22.27	0.32	7.07	10.28	95.60
SQU-DS	2025-07-01 09:45:00	10.77	22.44	0.33	7.02	10.29	97.28
SQU-DS	2025-07-01 10:00:00	10.81	22.41	0.34	7.02	10.29	93.00
SQU-DS	2025-07-01 10:15:00	10.88	22.40	0.34	7.05	10.27	97.18
SQU-DS	2025-07-01 10:30:00	10.90	22.61	0.31	7.06	10.29	100.58
SQU-DS	2025-07-01 10:45:00	10.96	22.49	0.33	7.04	10.29	88.26
SQU-DS	2025-07-01 11:00:00	10.99	22.70	0.33	7.07	10.29	105.11
SQU-DS	2025-07-01 11:15:00	11.06	22.68	0.34	7.07	10.28	116.81
SQU-DS	2025-07-01 11:30:00	11.13	22.89	0.32	7.05	10.29	76.15
SQU-DS	2025-07-01 11:45:00	11.19	22.90	0.33	7.06	10.29	101.91
SQU-DS	2025-07-01 12:00:00	11.27	22.90	0.34	7.05	10.29	94.27
SQU-DS	2025-07-01 12:15:00	11.31	23.03	0.34	7.10	10.30	70.73
SQU-DS	2025-07-01 12:30:00	11.40	22.97	0.33	7.10	10.29	69.31
SQU-DS	2025-07-01 12:45:00	11.49	23.11	0.33	7.08	10.28	64.24
SQU-DS	2025-07-01 13:00:00	11.56	23.05	0.34	7.11	10.28	112.62

Squamish River							
Station	Date/Time	Temperature (C)	Specific Conductivity (µS/cm)	ORP (V)	pH (pH units)	Dissolved Oxygen (mg/L)	Turbidity (NTU)
SQU-DS	2025-07-01 13:15:00	11.63	22.98	0.34	7.12	10.26	89.35
SQU-DS	2025-07-01 13:30:00	11.71	23.16	0.33	7.11	10.24	72.76
SQU-DS	2025-07-01 13:45:00	11.78	23.10	0.33	7.12	10.25	94.03
SQU-DS	2025-07-01 14:00:00	11.86	23.35	0.34	7.06	10.23	71.42
SQU-DS	2025-07-01 14:15:00	11.94	23.47	0.34	7.06	10.22	71.33
SQU-DS	2025-07-01 14:30:00	12.02	23.44	0.32	7.10	10.21	76.81
SQU-DS	2025-07-01 14:45:00	12.11	23.36	0.33	7.11	10.20	77.18
SQU-DS	2025-07-01 15:00:00	12.18	23.84	0.33	7.15	10.17	72.29
SQU-DS	2025-07-01 15:15:00	12.27	23.80	0.34	7.10	10.16	67.44
SQU-DS	2025-07-01 15:30:00	12.35	23.87	0.32	7.15	10.14	73.47
SQU-DS	2025-07-01 15:45:00	12.43	23.93	0.33	7.14	10.13	74.60
SQU-DS	2025-07-01 16:00:00	12.50	23.96	0.33	7.14	10.10	71.08
SQU-DS	2025-07-01 16:15:00	12.59	24.22	0.34	7.13	10.09	78.65
SQU-DS	2025-07-01 16:30:00	12.68	24.30	0.32	7.16	10.06	67.63
SQU-DS	2025-07-01 16:45:00	12.75	24.48	0.32	7.16	10.04	72.55
SQU-DS	2025-07-01 17:00:00	12.84	24.28	0.33	7.15	10.02	70.50
SQU-DS	2025-07-01 17:15:00	12.91	24.52	0.33	7.16	9.99	68.37
SQU-DS	2025-07-01 17:30:00	12.98	24.78	0.31	7.17	9.94	76.04
SQU-DS	2025-07-01 17:45:00	13.04	24.86	0.32	7.11	9.92	75.68
SQU-DS	2025-07-01 18:00:00	13.10	24.76	0.33	7.15	9.91	60.73
SQU-DS	2025-07-01 18:15:00	13.14	25.01	0.33	7.16	9.88	71.60
SQU-DS	2025-07-01 18:30:00	13.19	24.81	0.29	7.16	9.85	62.36
SQU-DS	2025-07-01 18:45:00	13.22	25.12	0.32	7.02	9.85	79.79
SQU-DS	2025-07-01 19:00:00	13.24	24.96	0.32	7.16	9.81	84.63
SQU-DS	2025-07-01 19:15:00	13.26	25.01	0.33	7.14	9.78	73.99
SQU-DS	2025-07-01 19:30:00	13.27	25.09	0.32	7.16	9.76	88.83
SQU-DS	2025-07-01 19:45:00	13.25	24.79	0.32	7.11	9.73	84.10
SQU-DS	2025-07-01 20:00:00	13.23	24.96	0.33	7.16	9.72	79.33
SQU-DS	2025-07-01 20:15:00	13.20	24.99	0.33	7.14	9.70	86.02
SQU-DS	2025-07-01 20:30:00	13.17	24.58	0.32	7.16	9.70	66.28
SQU-DS	2025-07-01 20:45:00	13.14	24.74	0.32	7.15	9.68	60.30
SQU-DS	2025-07-01 21:00:00	13.11	24.68	0.33	7.08	9.68	73.25
SQU-DS	2025-07-01 21:15:00	13.07	24.40	0.34	7.11	9.67	65.78
SQU-DS	2025-07-01 21:30:00	13.03	24.40	0.30	7.10	9.67	84.17
SQU-DS	2025-07-01 21:45:00	12.98	24.34	0.31	7.14	9.68	82.14
SQU-DS	2025-07-01 22:00:00	12.92	24.40	0.32	7.14	9.68	79.26
SQU-DS	2025-07-01 22:15:00	12.87	24.26	0.33	7.11	9.69	98.27
SQU-DS	2025-07-01 22:30:00	12.79	24.06	0.29	7.13	9.69	75.42
SQU-DS	2025-07-01 22:45:00	12.71	24.21	0.31	7.12	9.70	73.16
SQU-DS	2025-07-01 23:00:00	12.64	24.17	0.32	7.12	9.73	92.76
SQU-DS	2025-07-01 23:15:00	12.54	24.45	0.33	7.07	9.73	80.81
SQU-DS	2025-07-01 23:30:00	12.44	24.12	0.31	7.15	9.75	80.97
SQU-DS	2025-07-01 23:45:00	12.35	24.16	0.32	7.10	9.76	89.70
SQU-DS	2025-07-02 00:00:00	12.28	24.09	0.33	7.11	9.78	68.54
SQU-DS	2025-07-02 00:15:00	12.19	24.23	0.33	7.11	9.79	76.00
SQU-DS	2025-07-02 00:30:00	12.10	24.77	0.29	7.08	9.80	66.63
SQU-DS	2025-07-02 00:45:00	12.03	24.62	0.30	7.11	9.81	96.44
SQU-DS	2025-07-02 01:00:00	11.93	24.59	0.32	7.08	9.83	88.46
SQU-DS	2025-07-02 01:15:00	11.83	24.75	0.33	7.07	9.85	98.14

Squamish River							
Station	Date/Time	Temperature (C)	Specific Conductivity (µS/cm)	ORP (V)	pH (pH units)	Dissolved Oxygen (mg/L)	Turbidity (NTU)
SQU-DS	2025-07-02 01:30:00	11.77	24.39	0.29	7.11	9.85	118.94
SQU-DS	2025-07-02 01:45:00	11.69	24.21	0.31	7.08	9.88	101.10
SQU-DS	2025-07-02 02:00:00	11.60	24.12	0.32	7.08	9.89	98.62
SQU-DS	2025-07-02 02:15:00	11.54	23.81	0.33	7.10	9.89	149.83
SQU-DS	2025-07-02 02:30:00	11.48	23.28	0.30	7.02	9.90	87.53
SQU-DS	2025-07-02 02:45:00	11.42	23.00	0.31	7.07	9.92	106.10
SQU-DS	2025-07-02 03:00:00	11.34	22.70	0.33	7.00	9.93	120.60
SQU-DS	2025-07-02 03:15:00	11.26	22.53	0.33	7.07	9.96	102.01
SQU-DS	2025-07-02 03:30:00	11.21	22.22	0.30	7.06	9.96	126.35
SQU-DS	2025-07-02 03:45:00	11.12	21.82	0.32	6.99	9.99	108.71
SQU-DS	2025-07-02 04:00:00	11.06	21.75	0.33	7.03	10.00	134.38
SQU-DS	2025-07-02 04:15:00	11.00	21.58	0.33	7.06	10.01	114.68
SQU-DS	2025-07-02 04:30:00	10.94	21.42	0.31	7.00	10.02	119.87
SQU-DS	2025-07-02 04:45:00	10.85	21.47	0.32	6.99	10.04	117.23
SQU-DS	2025-07-02 05:00:00	10.83	21.13	0.33	7.00	10.05	91.61
SQU-DS	2025-07-02 05:15:00	10.78	21.04	0.34	7.00	10.08	81.41
SQU-DS	2025-07-02 05:30:00	10.75	20.80	0.32	6.99	10.08	100.24
SQU-DS	2025-07-02 05:45:00	10.70	20.78	0.32	7.05	10.08	149.10
SQU-DS	2025-07-02 06:00:00	10.65	20.78	0.33	7.03	10.11	108.64
SQU-DS	2025-07-02 06:15:00	10.61	20.73	0.34	7.02	10.11	101.68
SQU-DS	2025-07-02 06:30:00	10.59	20.62	0.30	7.04	10.12	113.44
SQU-DS	2025-07-02 06:45:00	10.54	20.65	0.32	7.03	10.14	107.91
SQU-DS	2025-07-02 07:00:00	10.56	20.43	0.33	6.98	10.14	95.51
SQU-DS	2025-07-02 07:15:00	10.55	20.58	0.34	7.02	10.13	108.19
SQU-DS	2025-07-02 07:30:00	10.54	19.99	0.31	7.01	10.15	148.40
SQU-DS	2025-07-02 07:45:00	10.56	19.87	0.32	7.03	10.16	85.47
SQU-DS	2025-07-02 08:00:00	10.62	19.80	0.33	6.99	10.16	100.89
SQU-DS	2025-07-02 08:15:00	10.61	19.86	0.34	7.02	10.18	111.84
SQU-DS	2025-07-02 08:30:00	10.59	20.62	0.32	6.99	10.18	103.02
SQU-DS	2025-07-02 08:45:00	10.61	20.78	0.31	7.03	10.21	94.71
SQU-DS	2025-07-02 09:00:00	10.62	20.88	0.33	7.02	10.21	96.41
SQU-DS	2025-07-02 09:15:00	10.64	20.98	0.33	7.01	10.21	99.31
SQU-DS	2025-07-02 09:30:00	10.67	20.48	0.32	7.04	10.22	89.14
SQU-DS	2025-07-02 09:45:00	10.72	20.31	0.32	7.05	10.25	100.17
SQU-DS	2025-07-02 10:00:00	10.72	20.63	0.33	7.02	10.26	85.87
SQU-DS	2025-07-02 10:15:00	10.79	20.22	0.34	7.02	10.25	83.15
SQU-DS	2025-07-02 10:30:00	10.81	21.16	0.32	6.99	10.26	83.54
SQU-DS	2025-07-02 10:45:00	10.81	21.02	0.32	7.00	10.28	102.29
SQU-DS	2025-07-02 11:00:00	10.82	21.00	0.33	7.00	10.26	108.58
SQU-DS	2025-07-02 11:15:00	10.80	21.22	0.33	7.03	10.26	88.20
SQU-DS	2025-07-02 11:30:00	10.77	20.72	0.32	7.06	10.28	91.42
SQU-DS	2025-07-02 11:45:00	10.78	20.45	0.32	7.03	10.29	82.77
SQU-DS	2025-07-02 12:00:00	10.80	20.58	0.33	7.02	10.29	89.03
SQU-DS	2025-07-02 12:15:00	10.88	20.52	0.33	7.09	10.30	87.42
SQU-DS	2025-07-02 12:30:00	10.94	21.23	0.31	7.09	10.30	74.66
SQU-DS	2025-07-02 12:45:00	11.05	21.22	0.31	7.09	10.31	80.42
SQU-DS	2025-07-02 13:00:00	11.14	20.89	0.32	7.06	10.31	100.57
SQU-DS	2025-07-02 13:15:00	11.24	21.10	0.33	7.10	10.32	83.28
SQU-DS	2025-07-02 13:30:00	11.32	20.52	0.31	7.08	10.31	78.86

Squamish River							
Station	Date/Time	Temperature (C)	Specific Conductivity (µS/cm)	ORP (V)	pH (pH units)	Dissolved Oxygen (mg/L)	Turbidity (NTU)
SQU-DS	2025-07-02 13:45:00	11.36	20.35	0.32	7.03	10.31	75.44
SQU-DS	2025-07-02 14:00:00	11.35	20.61	0.33	7.06	10.31	71.19
SQU-DS	2025-07-02 14:15:00	11.40	20.64	0.34	7.06	10.29	78.28
SQU-DS	2025-07-02 14:30:00	11.46	21.59	0.31	7.12	10.29	78.53
SQU-DS	2025-07-02 14:45:00	11.54	22.01	0.30	7.14	10.28	80.93
SQU-DS	2025-07-02 15:00:00	11.63	22.44	0.32	7.06	10.27	78.94
SQU-DS	2025-07-02 15:15:00	11.72	22.92	0.33	7.10	10.25	83.33
SQU-DS	2025-07-02 15:30:00	11.79	22.78	0.31	7.10	10.23	62.36
SQU-DS	2025-07-02 15:45:00	11.83	22.68	0.31	7.11	10.23	68.54
SQU-DS	2025-07-02 16:00:00	11.87	22.94	0.32	7.12	10.21	76.08
SQU-DS	2025-07-02 16:15:00	11.92	22.93	0.33	7.14	10.18	51.68
SQU-DS	2025-07-02 16:30:00	12.00	23.75	0.30	7.13	10.17	67.58
SQU-DS	2025-07-02 16:45:00	12.04	23.89	0.30	7.11	10.16	83.98
SQU-DS	2025-07-02 17:00:00	12.05	23.81	0.31	7.15	10.15	83.69
SQU-DS	2025-07-02 17:15:00	12.02	23.57	0.32	7.14	10.15	67.23
SQU-DS	2025-07-02 17:30:00	12.01	23.23	0.31	7.14	10.13	70.38
SQU-DS	2025-07-02 17:45:00	12.01	23.38	0.31	7.14	10.13	60.67
SQU-DS	2025-07-02 18:00:00	12.04	23.42	0.32	7.14	10.11	68.51
SQU-DS	2025-07-02 18:15:00	12.04	23.50	0.33	7.14	10.09	54.70
SQU-DS	2025-07-02 18:30:00	12.04	23.84	0.31	7.13	10.07	88.41
SQU-DS	2025-07-02 18:45:00	12.00	24.65	0.31	7.12	10.06	67.79
SQU-DS	2025-07-02 19:00:00	11.93	24.43	0.32	7.13	10.05	69.43
SQU-DS	2025-07-02 19:15:00	11.90	24.55	0.33	7.06	10.04	101.18
SQU-DS	2025-07-02 19:30:00	11.91	24.17	0.30	7.14	10.04	68.95
SQU-DS	2025-07-02 19:45:00	11.93	24.31	0.29	7.12	10.03	60.49
SQU-DS	2025-07-02 20:00:00	11.94	24.53	0.31	7.11	10.02	60.95
SQU-DS	2025-07-02 20:15:00	11.96	24.55	0.31	7.15	10.00	71.56
SQU-DS	2025-07-02 20:30:00	11.96	25.18	0.29	7.15	9.98	64.99
SQU-DS	2025-07-02 20:45:00	11.96	25.33	0.29	7.08	9.97	63.29
SQU-DS	2025-07-02 21:00:00	11.95	25.52	0.30	7.12	9.97	65.19
SQU-DS	2025-07-02 21:15:00	11.93	25.23	0.31	7.14	9.96	76.47
SQU-DS	2025-07-02 21:30:00	11.91	24.98	0.29	7.17	9.96	67.81
SQU-DS	2025-07-02 21:45:00	11.89	24.89	0.30	7.10	9.96	95.95
SQU-DS	2025-07-02 22:00:00	11.85	25.00	0.32	7.09	9.96	69.23
SQU-DS	2025-07-02 22:15:00	11.80	24.66	0.32	7.17	9.95	91.46
SQU-DS	2025-07-02 22:30:00	11.75	25.00	0.29	7.14	9.95	69.23
SQU-DS	2025-07-02 22:45:00	11.69	24.98	0.29	7.16	9.96	70.74
SQU-DS	2025-07-02 23:00:00	11.63	25.03	0.31	7.12	9.96	75.11
SQU-DS	2025-07-02 23:15:00	11.58	25.18	0.32	7.15	9.96	66.76
SQU-DS	2025-07-02 23:30:00	11.52	24.64	0.29	7.15	9.98	73.29
SQU-DS	2025-07-02 23:45:00	11.47	24.66	0.30	7.13	9.99	80.20
SQU-DS	2025-07-03 00:00:00	11.42	24.88	0.31	7.10	9.99	71.10
SQU-DS	2025-07-03 00:15:00	11.35	24.86	0.32	7.14	10.00	66.04
SQU-DS	2025-07-03 00:30:00	11.30	25.35	0.29	7.14	10.01	69.36
SQU-DS	2025-07-03 00:45:00	11.26	25.39	0.29	7.06	10.01	79.75
SQU-DS	2025-07-03 01:00:00	11.22	25.14	0.31	7.12	10.02	71.55
SQU-DS	2025-07-03 01:15:00	11.19	25.29	0.32	7.13	10.03	75.22
SQU-DS	2025-07-03 01:30:00	11.14	24.91	0.29	7.12	10.02	71.99
SQU-DS	2025-07-03 01:45:00	11.11	25.04	0.30	7.12	10.03	64.79

Squamish River							
Station	Date/Time	Temperature (C)	Specific Conductivity (µS/cm)	ORP (V)	pH (pH units)	Dissolved Oxygen (mg/L)	Turbidity (NTU)
SQU-DS	2025-07-03 02:00:00	11.07	24.90	0.31	7.13	10.03	88.29
SQU-DS	2025-07-03 02:15:00	11.04	24.67	0.32	7.11	10.04	67.29
SQU-DS	2025-07-03 02:30:00	11.00	25.19	0.29	7.12	10.05	69.31
SQU-DS	2025-07-03 02:45:00	11.01	24.82	0.29	7.06	10.07	56.47
SQU-DS	2025-07-03 03:00:00	10.94	24.80	0.31	7.02	10.06	65.19
SQU-DS	2025-07-03 03:15:00	10.91	24.91	0.32	7.02	10.06	70.39
SQU-DS	2025-07-03 03:30:00	10.87	24.55	0.30	7.06	10.06	85.09
SQU-DS	2025-07-03 03:45:00	10.87	24.48	0.31	7.04	10.07	61.49
SQU-DS	2025-07-03 04:00:00	10.84	24.57	0.31	7.10	10.08	66.52
SQU-DS	2025-07-03 04:15:00	10.79	24.62	0.32	7.04	10.09	63.05
SQU-DS	2025-07-03 04:30:00	10.80	24.77	0.29	7.10	10.08	60.58
SQU-DS	2025-07-03 04:45:00	10.75	24.83	0.29	7.10	10.09	56.40
SQU-DS	2025-07-03 05:00:00	10.73	24.73	0.30	7.10	10.10	70.63
SQU-DS	2025-07-03 05:15:00	10.68	24.87	0.31	7.07	10.12	67.94
SQU-DS	2025-07-03 05:30:00	10.68	24.37	0.30	7.07	10.12	64.97
SQU-DS	2025-07-03 05:45:00	10.66	24.34	0.31	7.07	10.13	53.63
SQU-DS	2025-07-03 06:00:00	10.62	24.59	0.32	7.10	10.14	67.49
SQU-DS	2025-07-03 06:15:00	10.61	24.26	0.32	7.07	10.15	58.26
SQU-DS	2025-07-03 06:30:00	10.56	24.48	0.30	7.11	10.15	62.86
SQU-DS	2025-07-03 06:45:00	10.55	24.29	0.30	7.06	10.17	69.72
SQU-DS	2025-07-03 07:00:00	10.51	24.14	0.31	7.08	10.17	72.66
SQU-DS	2025-07-03 07:15:00	10.50	24.05	0.32	7.06	10.19	71.62
SQU-DS	2025-07-03 07:30:00	10.46	23.66	0.30	7.07	10.20	56.75
SQU-DS	2025-07-03 07:45:00	10.45	23.65	0.31	7.06	10.21	61.56
SQU-DS	2025-07-03 08:00:00	10.39	23.78	0.32	7.06	10.23	78.60
SQU-DS	2025-07-03 08:15:00	10.40	23.68	0.33	7.08	10.24	53.02
SQU-DS	2025-07-03 08:30:00	10.40	24.12	0.31	6.99	10.25	53.90
SQU-DS	2025-07-03 08:45:00	10.43	23.78	0.30	7.09	10.26	95.65
SQU-DS	2025-07-03 09:00:00	10.43	23.86	0.31	7.10	10.27	50.60
SQU-DS	2025-07-03 09:15:00	10.48	23.84	0.32	7.06	10.27	71.66
SQU-DS	2025-07-03 09:30:00	10.52	23.82	0.31	7.08	10.28	70.09
SQU-DS	2025-07-03 09:45:00	10.57	23.69	0.31	7.10	10.30	51.46
SQU-DS	2025-07-03 10:00:00	10.62	23.56	0.32	7.10	10.31	66.86
SQU-DS	2025-07-03 10:15:00	10.70	23.50	0.33	7.10	10.30	62.26
SQU-DS	2025-07-03 10:30:00	10.77	23.92	0.31	7.14	10.29	55.22
SQU-DS	2025-07-03 10:45:00	10.84	23.94	0.31	7.06	10.31	58.53
SQU-DS	2025-07-03 11:00:00	10.91	23.93	0.32	7.10	10.32	67.76
SQU-DS	2025-07-03 11:15:00	10.97	23.82	0.32	7.07	10.32	55.85
SQU-DS	2025-07-03 11:30:00	10.95	23.76	0.31	7.13	10.30	56.36
SQU-DS	2025-07-03 11:45:00	10.88	23.69	0.32	7.11	10.32	52.32
SQU-DS	2025-07-03 12:00:00	10.91	23.90	0.33	7.08	10.31	63.26
SQU-DS	2025-07-03 12:15:00	10.90	23.70	0.33	7.13	10.32	58.67
SQU-DS	2025-07-03 12:30:00	10.84	24.02	0.31	7.13	10.32	62.41
SQU-DS	2025-07-03 12:45:00	10.79	23.97	0.30	7.12	10.32	67.11
SQU-DS	2025-07-03 13:00:00	10.75	24.15	0.31	7.13	10.32	65.53
SQU-DS	2025-07-03 13:15:00	10.71	23.91	0.32	7.10	10.34	66.98
SQU-DS	2025-07-03 13:30:00	10.70	23.97	0.31	7.05	10.33	52.08
SQU-DS	2025-07-03 13:45:00	10.67	23.78	0.31	7.11	10.34	61.67
SQU-DS	2025-07-03 14:00:00	10.66	23.99	0.32	7.12	10.35	50.54

Squamish River							
Station	Date/Time	Temperature (C)	Specific Conductivity (µS/cm)	ORP (V)	pH (pH units)	Dissolved Oxygen (mg/L)	Turbidity (NTU)
SQU-DS	2025-07-03 14:15:00	10.67	23.91	0.33	7.16	10.35	52.81
SQU-DS	2025-07-03 14:30:00	10.67	24.35	0.30	7.15	10.34	70.87
SQU-DS	2025-07-03 14:45:00	10.68	24.13	0.30	7.11	10.35	54.10
SQU-DS	2025-07-03 15:00:00	10.70	24.42	0.31	7.14	10.36	62.36
SQU-DS	2025-07-03 15:15:00	10.75	24.36	0.32	7.09	10.35	51.84
SQU-DS	2025-07-03 15:30:00	10.76	23.98	0.30	7.13	10.35	88.57
SQU-DS	2025-07-03 15:45:00	10.82	24.04	0.31	7.13	10.35	66.39
SQU-DS	2025-07-03 16:00:00	10.94	24.27	0.32	7.13	10.34	61.73
SQU-DS	2025-07-03 16:15:00	10.98	24.26	0.33	7.11	10.34	69.91
SQU-DS	2025-07-03 16:30:00	11.01	24.59	0.31	7.10	10.33	67.17
SQU-DS	2025-07-03 16:45:00	10.97	24.66	0.30	7.14	10.32	62.24
SQU-DS	2025-07-03 17:00:00	10.98	24.78	0.31	7.12	10.32	63.96
SQU-DS	2025-07-03 17:15:00	11.07	24.84	0.32	7.11	10.30	60.72
SQU-DS	2025-07-03 17:30:00	11.13	24.46	0.31	7.11	10.30	56.62
SQU-DS	2025-07-03 17:45:00	11.12	24.56	0.31	7.13	10.29	70.29
SQU-DS	2025-07-03 18:00:00	11.12	24.71	0.32	7.13	10.29	57.86
SQU-DS	2025-07-03 18:15:00	11.17	24.71	0.33	7.14	10.27	52.69
SQU-DS	2025-07-03 18:30:00	11.20	24.81	0.32	7.06	10.26	64.94
SQU-DS	2025-07-03 18:45:00	11.17	25.13	0.31	7.13	10.27	70.82
SQU-DS	2025-07-03 19:00:00	11.12	24.48	0.32	7.07	10.27	63.83
SQU-DS	2025-07-03 19:15:00	11.09	24.60	0.32	7.15	10.26	73.81
SQU-DS	2025-07-03 19:30:00	11.11	24.80	0.30	7.12	10.24	59.38
SQU-DS	2025-07-03 19:45:00	11.10	24.76	0.31	7.15	10.25	62.15
SQU-DS	2025-07-03 20:00:00	11.08	24.95	0.32	7.08	10.23	64.33
SQU-DS	2025-07-03 20:15:00	11.06	25.20	0.32	7.14	10.22	59.36
SQU-DS	2025-07-03 20:30:00	11.06	24.90	0.30	7.14	10.21	76.65
SQU-DS	2025-07-03 20:45:00	11.05	25.15	0.30	7.10	10.20	83.47
SQU-DS	2025-07-03 21:00:00	11.04	24.76	0.31	7.13	10.19	63.47
SQU-DS	2025-07-03 21:15:00	11.03	25.11	0.32	7.11	10.18	64.52
SQU-DS	2025-07-03 21:30:00	11.02	25.23	0.31	7.12	10.16	65.53
SQU-DS	2025-07-03 21:45:00	11.02	25.36	0.32	7.10	10.16	86.48
SQU-DS	2025-07-03 22:00:00	11.02	25.34	0.32	7.14	10.16	59.24
SQU-DS	2025-07-03 22:15:00	11.01	25.52	0.33	7.15	10.15	64.67
SQU-DS	2025-07-03 22:30:00	11.01	25.62	0.29	7.16	10.14	57.90
SQU-DS	2025-07-03 22:45:00	11.00	25.58	0.31	7.02	10.14	59.66
SQU-DS	2025-07-03 23:00:00	10.95	25.85	0.31	7.15	10.14	67.87
SQU-DS	2025-07-03 23:15:00	10.93	26.09	0.32	7.12	10.15	58.08
SQU-DS	2025-07-03 23:30:00	10.90	26.04	0.31	7.13	10.15	52.28
SQU-DS	2025-07-03 23:45:00	10.87	25.93	0.32	7.15	10.14	59.50
SQU-DS	2025-07-04 00:00:00	10.82	26.28	0.33	7.13	10.14	47.31
SQU-DS	2025-07-04 00:15:00	10.81	25.97	0.34	7.10	10.16	50.87
SQU-DS	2025-07-04 00:30:00	10.76	26.38	0.28	7.13	10.15	58.09
SQU-DS	2025-07-04 00:45:00	10.74	26.20	0.29	7.15	10.14	57.75
SQU-DS	2025-07-04 01:00:00	10.72	26.20	0.30	7.14	10.15	60.90
SQU-DS	2025-07-04 01:15:00	10.67	26.35	0.31	7.12	10.14	54.61
SQU-DS	2025-07-04 01:30:00	10.64	26.41	0.27	7.12	10.15	48.47
SQU-DS	2025-07-04 01:45:00	10.59	26.65	0.29	7.11	10.16	51.65
SQU-DS	2025-07-04 02:00:00	10.58	26.75	0.30	7.12	10.17	62.64
SQU-DS	2025-07-04 02:15:00	10.52	26.68	0.31	7.13	10.17	56.17

Squamish River							
Station	Date/Time	Temperature (C)	Specific Conductivity (µS/cm)	ORP (V)	pH (pH units)	Dissolved Oxygen (mg/L)	Turbidity (NTU)
SQU-DS	2025-07-04 02:30:00	10.50	26.68	0.29	7.11	10.17	46.44
SQU-DS	2025-07-04 02:45:00	10.46	26.71	0.30	7.09	10.17	54.99
SQU-DS	2025-07-04 03:00:00	10.41	26.84	0.31	7.09	10.18	65.89
SQU-DS	2025-07-04 03:15:00	10.37	27.00	0.31	7.11	10.17	64.62
SQU-DS	2025-07-04 03:30:00	10.35	26.97	0.30	7.04	10.17	59.72
SQU-DS	2025-07-04 03:45:00	10.29	27.19	0.30	7.09	10.19	61.25
SQU-DS	2025-07-04 04:00:00	10.24	27.05	0.31	7.08	10.21	56.98
SQU-DS	2025-07-04 04:15:00	10.21	26.96	0.32	6.99	10.22	56.62
SQU-DS	2025-07-04 04:30:00	10.17	26.93	0.28	7.05	10.20	57.97
SQU-DS	2025-07-04 04:45:00	10.13	26.65	0.30	7.07	10.23	70.81
SQU-DS	2025-07-04 05:00:00	10.12	26.57	0.31	7.02	10.24	66.88
SQU-DS	2025-07-04 05:15:00	10.06	26.51	0.32	7.04	10.24	63.12
SQU-DS	2025-07-04 05:30:00	10.03	26.04	0.30	7.05	10.26	62.15
SQU-DS	2025-07-04 05:45:00	9.97	26.02	0.30	7.04	10.27	56.98
SQU-DS	2025-07-04 06:00:00	9.90	25.96	0.31	7.05	10.28	47.72
SQU-DS	2025-07-04 06:15:00	9.88	25.72	0.32	7.05	10.29	42.19
SQU-DS	2025-07-04 06:30:00	9.83	26.03	0.30	7.05	10.29	49.64
SQU-DS	2025-07-04 06:45:00	9.83	25.64	0.30	7.01	10.31	44.51
SQU-DS	2025-07-04 07:00:00	9.80	25.59	0.31	7.06	10.32	55.00
SQU-DS	2025-07-04 07:15:00	9.77	25.73	0.32	7.06	10.34	48.70
SQU-DS	2025-07-04 07:30:00	9.76	25.68	0.29	7.05	10.35	45.30
SQU-DS	2025-07-04 07:45:00	9.75	25.69	0.30	6.99	10.38	51.89
SQU-DS	2025-07-04 08:00:00	9.75	25.50	0.31	7.03	10.37	67.47
SQU-DS	2025-07-04 08:15:00	9.78	25.55	0.32	7.08	10.38	52.30
SQU-DS	2025-07-04 08:30:00	9.78	25.66	0.29	7.06	10.39	48.37
SQU-DS	2025-07-04 08:45:00	9.78	25.77	0.30	7.11	10.41	48.75
SQU-DS	2025-07-04 09:00:00	9.82	25.68	0.31	7.09	10.42	56.99
SQU-DS	2025-07-04 09:15:00	9.86	25.64	0.32	7.02	10.43	53.08
SQU-DS	2025-07-04 09:30:00	9.90	25.61	0.30	7.08	10.44	55.09
SQU-DS	2025-07-04 09:45:00	9.94	25.71	0.31	7.10	10.44	73.19
SQU-DS	2025-07-04 10:00:00	10.00	25.79	0.32	7.06	10.44	50.05
SQU-DS	2025-07-04 10:15:00	10.03	25.88	0.32	7.11	10.44	60.00
SQU-DS	2025-07-04 10:30:00	10.10	25.76	0.30	7.11	10.44	57.61
SQU-DS	2025-07-04 10:45:00	10.16	25.93	0.31	7.11	10.44	49.12
SQU-DS	2025-07-04 11:00:00	11.10	0.00	0.30	7.33	10.18	0.00
SQU-DS	2025-07-04 11:15:00	12.82	0.00	0.30	7.28	9.77	0.00
SQU-DS	2025-07-04 11:30:00	13.92	0.07	0.31	8.17	9.50	0.00
SQU-DS	2025-07-04 11:45:00	10.48	25.72	0.23	6.86	10.37	43.28
SQU-DS	2025-07-04 12:00:00	10.59	25.95	0.29	6.97	10.32	47.24
SQU-DS	2025-07-04 12:15:00	10.71	25.95	0.31	7.03	10.32	89.91
SQU-DS	2025-07-04 12:30:00	10.81	26.23	0.32	7.04	10.29	53.95
SQU-DS	2025-07-04 12:45:00	10.91	25.79	0.31	7.04	10.29	55.10
SQU-DS	2025-07-04 13:00:00	11.01	25.98	0.31	7.04	10.28	54.43
SQU-DS	2025-07-04 13:15:00	11.10	26.13	0.32	7.07	10.26	63.51
SQU-DS	2025-07-04 13:30:00	11.20	26.40	0.33	6.98	10.25	54.05
SQU-DS	2025-07-04 13:45:00	11.29	26.66	0.29	7.12	10.26	60.09
SQU-DS	2025-07-04 14:00:00	11.38	26.86	0.30	7.09	10.27	40.52
SQU-DS	2025-07-04 14:15:00	11.46	27.46	0.31	7.12	10.27	43.41
SQU-DS	2025-07-04 14:30:00	11.52	27.55	0.32	7.13	10.25	40.37

Squamish River							
Station	Date/Time	Temperature (C)	Specific Conductivity (µS/cm)	ORP (V)	pH (pH units)	Dissolved Oxygen (mg/L)	Turbidity (NTU)
SQU-DS	2025-07-04 14:45:00	11.59	27.62	0.31	7.14	10.26	45.32
SQU-DS	2025-07-04 15:00:00	11.64	27.68	0.31	7.13	10.25	48.24
SQU-DS	2025-07-04 15:15:00	11.70	28.28	0.32	7.13	10.24	45.27
SQU-DS	2025-07-04 15:30:00	11.75	28.18	0.33	7.09	10.25	48.78
SQU-DS	2025-07-04 15:45:00	11.80	28.25	0.27	7.13	10.25	59.12
SQU-DS	2025-07-04 16:00:00	11.86	27.99	0.30	7.15	10.24	75.06
SQU-DS	2025-07-04 16:15:00	11.92	28.61	0.31	7.09	10.20	43.87
SQU-DS	2025-07-04 16:30:00	11.97	28.18	0.32	7.10	10.21	43.31
SQU-DS	2025-07-04 16:45:00	12.02	28.05	0.29	7.13	10.19	69.21
SQU-DS	2025-07-04 17:00:00	12.06	28.66	0.30	7.11	10.17	52.16
SQU-DS	2025-07-04 17:15:00	12.05	28.04	0.32	7.02	10.16	57.51
SQU-DS	2025-07-04 17:30:00	12.06	27.93	0.32	7.12	10.15	55.72
SQU-DS	2025-07-04 17:45:00	12.10	27.81	0.27	7.12	10.13	69.65
SQU-DS	2025-07-04 18:00:00	12.14	28.19	0.30	7.05	10.10	51.24
SQU-DS	2025-07-04 18:15:00	12.18	28.03	0.31	7.07	10.09	52.46
SQU-DS	2025-07-04 18:30:00	12.19	27.83	0.32	7.13	10.09	51.93
SQU-DS	2025-07-04 18:45:00	12.20	28.02	0.29	7.12	10.07	47.44
SQU-DS	2025-07-04 19:00:00	12.20	28.44	0.31	7.13	10.04	54.64
SQU-DS	2025-07-04 19:15:00	12.20	27.62	0.32	7.13	10.04	68.53
SQU-DS	2025-07-04 19:30:00	12.19	28.28	0.33	7.06	10.02	46.77
SQU-DS	2025-07-04 19:45:00	12.17	27.79	0.27	7.12	10.00	51.71
SQU-DS	2025-07-04 20:00:00	12.13	28.18	0.30	7.09	9.99	63.89
SQU-DS	2025-07-04 20:15:00	12.12	28.27	0.31	7.12	9.98	64.76
SQU-DS	2025-07-04 20:30:00	12.11	28.52	0.32	7.12	9.97	57.56
SQU-DS	2025-07-04 20:45:00	12.12	28.43	0.30	7.11	9.94	63.19
SQU-DS	2025-07-04 21:00:00	12.12	28.68	0.31	7.13	9.94	58.84
SQU-DS	2025-07-04 21:15:00	12.13	28.84	0.31	7.16	9.92	86.22
SQU-DS	2025-07-04 21:30:00	12.14	29.30	0.32	7.13	9.91	40.97
SQU-DS	2025-07-04 21:45:00	12.15	29.05	0.27	7.14	9.91	58.26
SQU-DS	2025-07-04 22:00:00	12.15	29.35	0.30	7.15	9.89	51.50
SQU-DS	2025-07-04 22:15:00	12.17	29.41	0.31	7.18	9.88	45.41
SQU-DS	2025-07-04 22:30:00	12.19	29.27	0.32	7.17	9.87	45.98
SQU-DS	2025-07-04 22:45:00	12.21	29.17	0.30	7.18	9.87	60.09
SQU-DS	2025-07-04 23:00:00	12.22	29.25	0.31	7.09	9.85	68.09
SQU-DS	2025-07-04 23:15:00	12.23	28.87	0.31	7.14	9.85	43.01
SQU-DS	2025-07-04 23:30:00	12.22	28.62	0.32	7.15	9.84	60.23
SQU-DS	2025-07-04 23:45:00	12.20	28.64	0.30	7.13	9.85	77.30
SQU-DS	2025-07-05 00:00:00	12.18	28.85	0.30	7.16	9.86	50.62
SQU-DS	2025-07-05 00:15:00	12.15	28.56	0.31	7.13	9.85	55.43
SQU-DS	2025-07-05 00:30:00	12.10	28.70	0.32	7.14	9.85	57.75
SQU-DS	2025-07-05 00:45:00	12.04	28.72	0.29	7.15	9.86	61.77
SQU-DS	2025-07-05 01:00:00	11.99	28.81	0.30	7.15	9.87	66.99
SQU-DS	2025-07-05 01:15:00	11.92	28.90	0.31	7.17	9.88	48.16
SQU-DS	2025-07-05 01:30:00	11.85	28.74	0.32	7.14	9.89	60.43
SQU-DS	2025-07-05 01:45:00	11.78	28.33	0.28	7.16	9.90	45.35
SQU-DS	2025-07-05 02:00:00	11.71	28.63	0.30	7.16	9.90	59.71
SQU-DS	2025-07-05 02:15:00	11.65	28.57	0.31	7.14	9.91	64.15
SQU-DS	2025-07-05 02:30:00	11.59	28.95	0.31	7.13	9.91	54.03
SQU-DS	2025-07-05 02:45:00	11.52	29.35	0.28	7.13	9.94	69.19

Squamish River							
Station	Date/Time	Temperature (C)	Specific Conductivity (µS/cm)	ORP (V)	pH (pH units)	Dissolved Oxygen (mg/L)	Turbidity (NTU)
SQU-DS	2025-07-05 03:00:00	11.45	29.31	0.29	7.09	9.93	69.49
SQU-DS	2025-07-05 03:15:00	11.40	29.16	0.30	7.13	9.95	53.64
SQU-DS	2025-07-05 03:30:00	11.33	28.92	0.31	7.05	9.95	46.54
SQU-DS	2025-07-05 03:45:00	11.29	28.86	0.25	7.11	9.95	62.32
SQU-DS	2025-07-05 04:00:00	11.23	28.58	0.29	7.07	9.96	52.94
SQU-DS	2025-07-05 04:15:00	11.18	28.49	0.31	7.07	10.00	70.69
SQU-DS	2025-07-05 04:30:00	11.13	28.23	0.32	7.02	10.00	54.86
SQU-DS	2025-07-05 04:45:00	11.08	28.15	0.29	7.08	10.01	53.42
SQU-DS	2025-07-05 05:00:00	11.01	28.18	0.30	7.03	10.01	66.38
SQU-DS	2025-07-05 05:15:00	10.96	27.35	0.31	7.06	10.04	65.13
SQU-DS	2025-07-05 05:30:00	10.89	27.34	0.32	7.07	10.06	51.70
SQU-DS	2025-07-05 05:45:00	10.84	27.07	0.25	7.05	10.06	62.49
SQU-DS	2025-07-05 06:00:00	10.81	26.75	0.29	7.05	10.07	58.14
SQU-DS	2025-07-05 06:15:00	10.77	26.65	0.31	6.95	10.08	60.13
SQU-DS	2025-07-05 06:30:00	10.74	26.41	0.32	7.08	10.10	66.13
SQU-DS	2025-07-05 06:45:00	10.71	26.76	0.29	7.05	10.10	61.15
SQU-DS	2025-07-05 07:00:00	10.69	24.64	0.30	7.07	10.12	131.08
SQU-DS	2025-07-05 07:15:00	10.66	24.06	0.31	7.05	10.15	57.41
SQU-DS	2025-07-05 07:30:00	10.64	23.93	0.32	7.09	10.16	73.87
SQU-DS	2025-07-05 07:45:00	10.63	26.83	0.29	7.10	10.17	64.86
SQU-DS	2025-07-05 08:00:00	10.65	26.37	0.31	6.88	10.18	61.81
SQU-DS	2025-07-05 08:15:00	10.63	26.73	0.31	7.10	10.19	54.93
SQU-DS	2025-07-05 08:30:00	10.67	26.45	0.32	7.09	10.20	61.39
SQU-DS	2025-07-05 08:45:00	10.69	26.25	0.27	7.06	10.12	64.22
SQU-DS	2025-07-05 09:00:00	10.73	26.05	0.29	7.07	10.19	61.62
SQU-DS	2025-07-05 09:15:00	10.74	26.15	0.30	7.11	10.21	85.93
SQU-DS	2025-07-05 09:30:00	10.76	25.99	0.31	7.10	10.21	54.26
SQU-DS	2025-07-05 09:45:00	10.80	26.28	0.30	7.12	10.22	68.33
SQU-DS	2025-07-05 10:00:00	10.82	26.41	0.30	7.12	10.25	53.14
SQU-DS	2025-07-05 10:15:00	10.90	26.44	0.31	7.10	10.24	62.74
SQU-DS	2025-07-05 10:30:00	10.96	26.28	0.32	7.06	10.25	47.49
SQU-DS	2025-07-05 10:45:00	11.02	26.06	0.28	7.08	10.26	66.51
SQU-DS	2025-07-05 11:00:00	11.06	26.12	0.29	7.13	10.25	53.41
SQU-DS	2025-07-05 11:15:00	11.08	26.03	0.30	7.14	10.26	68.06
SQU-DS	2025-07-05 11:30:00	11.08	26.33	0.32	7.06	10.26	47.52
SQU-DS	2025-07-05 11:45:00	11.10	26.21	0.29	7.12	10.27	44.40
SQU-DS	2025-07-05 12:00:00	11.15	26.05	0.30	7.14	10.27	48.97
SQU-DS	2025-07-05 12:15:00	11.24	25.94	0.31	7.09	10.28	68.82
SQU-DS	2025-07-05 12:30:00	11.26	25.98	0.32	7.11	10.26	61.40
SQU-DS	2025-07-05 12:45:00	11.27	25.78	0.29	7.11	10.28	49.39
SQU-DS	2025-07-05 13:00:00	11.29	26.03	0.30	7.08	10.27	46.31
SQU-DS	2025-07-05 13:15:00	11.33	26.04	0.31	7.13	10.27	66.77
SQU-DS	2025-07-05 13:30:00	11.35	26.14	0.32	7.17	10.26	48.11
SQU-DS	2025-07-05 13:45:00	11.39	26.38	0.29	7.08	10.28	45.14
SQU-DS	2025-07-05 14:00:00	11.41	26.34	0.30	7.14	10.28	55.55
SQU-DS	2025-07-05 14:15:00	11.43	26.65	0.31	7.12	10.28	50.14
SQU-DS	2025-07-05 14:30:00	11.44	26.78	0.32	7.14	10.27	56.20
SQU-DS	2025-07-05 14:45:00	11.44	26.76	0.29	7.15	10.27	43.68
SQU-DS	2025-07-05 15:00:00	11.47	26.80	0.30	7.09	10.27	49.84

Squamish River							
Station	Date/Time	Temperature (C)	Specific Conductivity (µS/cm)	ORP (V)	pH (pH units)	Dissolved Oxygen (mg/L)	Turbidity (NTU)
SQU-DS	2025-07-05 15:15:00	11.48	26.98	0.31	7.14	10.28	45.88
SQU-DS	2025-07-05 15:30:00	11.50	27.04	0.32	7.20	10.27	52.10
SQU-DS	2025-07-05 15:45:00	11.53	27.12	0.29	7.22	10.28	42.42
SQU-DS	2025-07-05 16:00:00	11.56	27.17	0.30	7.20	10.28	48.56
SQU-DS	2025-07-05 16:15:00	11.61	27.35	0.31	7.19	10.26	37.69
SQU-DS	2025-07-05 16:30:00	11.64	27.27	0.32	7.22	10.27	70.75
SQU-DS	2025-07-05 16:45:00	11.66	27.05	0.28	7.18	10.24	37.42
SQU-DS	2025-07-05 17:00:00	11.68	27.14	0.29	7.19	10.25	36.27
SQU-DS	2025-07-05 17:15:00	11.70	27.18	0.31	7.21	10.24	46.85
SQU-DS	2025-07-05 17:30:00	11.72	27.41	0.31	7.18	10.21	42.66
SQU-DS	2025-07-05 17:45:00	11.70	27.99	0.29	7.18	10.20	48.39
SQU-DS	2025-07-05 18:00:00	11.69	28.03	0.31	7.15	10.21	41.26
SQU-DS	2025-07-05 18:15:00	11.67	27.92	0.31	7.17	10.21	51.43
SQU-DS	2025-07-05 18:30:00	11.65	27.95	0.32	7.19	10.20	36.40
SQU-DS	2025-07-05 18:45:00	11.63	27.93	0.30	7.17	10.16	63.22
SQU-DS	2025-07-05 19:00:00	11.59	28.35	0.30	7.18	10.18	51.14
SQU-DS	2025-07-05 19:15:00	11.56	28.33	0.31	7.12	10.16	53.24
SQU-DS	2025-07-05 19:30:00	11.53	28.44	0.31	7.17	10.16	57.74
SQU-DS	2025-07-05 19:45:00	11.48	28.84	0.29	7.16	10.16	48.79
SQU-DS	2025-07-05 20:00:00	11.42	29.02	0.30	7.14	10.16	57.10
SQU-DS	2025-07-05 20:15:00	11.39	29.04	0.31	7.14	10.14	38.96
SQU-DS	2025-07-05 20:30:00	11.33	29.09	0.32	7.09	10.15	43.19
SQU-DS	2025-07-05 20:45:00	11.29	28.95	0.29	7.11	10.12	48.04
SQU-DS	2025-07-05 21:00:00	11.25	29.18	0.30	7.12	10.13	52.84
SQU-DS	2025-07-05 21:15:00	11.22	29.31	0.31	7.12	10.13	53.44
SQU-DS	2025-07-05 21:30:00	11.18	29.43	0.32	7.07	10.11	44.58
SQU-DS	2025-07-05 21:45:00	11.14	29.77	0.29	7.13	10.10	49.65
SQU-DS	2025-07-05 22:00:00	11.09	29.96	0.30	7.10	10.11	62.15
SQU-DS	2025-07-05 22:15:00	11.06	29.73	0.31	7.13	10.12	52.21
SQU-DS	2025-07-05 22:30:00	11.03	29.92	0.32	7.13	10.12	39.92
SQU-DS	2025-07-05 22:45:00	11.00	29.33	0.30	6.99	10.11	44.12
SQU-DS	2025-07-05 23:00:00	10.96	29.32	0.30	7.14	10.13	43.45
SQU-DS	2025-07-05 23:15:00	10.93	29.30	0.31	7.04	10.12	53.64
SQU-DS	2025-07-05 23:30:00	10.88	29.33	0.31	7.12	10.13	46.96
SQU-DS	2025-07-05 23:45:00	10.86	29.14	0.29	7.13	10.14	37.87
SQU-DS	2025-07-06 00:00:00	10.81	29.27	0.30	7.11	10.14	46.44
SQU-DS	2025-07-06 00:15:00	10.78	29.26	0.31	7.13	10.13	38.59
SQU-DS	2025-07-06 00:30:00	10.73	28.89	0.32	7.12	10.16	48.12
SQU-DS	2025-07-06 00:45:00	10.70	28.80	0.31	7.03	10.14	65.49
SQU-DS	2025-07-06 01:00:00	10.65	28.84	0.31	7.06	10.17	45.85
SQU-DS	2025-07-06 01:15:00	10.61	28.77	0.32	7.05	10.18	42.63
SQU-DS	2025-07-06 01:30:00	10.57	28.77	0.32	7.12	10.18	51.73
SQU-DS	2025-07-06 01:45:00	10.52	29.29	0.29	7.11	10.19	58.65
SQU-DS	2025-07-06 02:00:00	10.50	29.15	0.30	7.11	10.19	51.26
SQU-DS	2025-07-06 02:15:00	10.46	29.23	0.31	7.08	10.20	42.22
SQU-DS	2025-07-06 02:30:00	10.43	29.16	0.32	7.11	10.20	42.18
SQU-DS	2025-07-06 02:45:00	10.40	28.84	0.29	7.10	10.20	45.18
SQU-DS	2025-07-06 03:00:00	10.37	29.23	0.30	7.03	10.19	46.89
SQU-DS	2025-07-06 03:15:00	10.35	29.36	0.31	7.09	10.19	45.57

Squamish River							
Station	Date/Time	Temperature (C)	Specific Conductivity (µS/cm)	ORP (V)	pH (pH units)	Dissolved Oxygen (mg/L)	Turbidity (NTU)
SQU-DS	2025-07-06 03:30:00	10.31	29.40	0.31	7.07	10.20	35.05
SQU-DS	2025-07-06 03:45:00	10.31	29.30	0.29	7.09	10.20	43.34
SQU-DS	2025-07-06 04:00:00	10.27	29.48	0.30	7.07	10.19	47.14
SQU-DS	2025-07-06 04:15:00	10.25	29.47	0.31	7.06	10.19	38.31
SQU-DS	2025-07-06 04:30:00	10.22	29.12	0.32	7.04	10.21	40.24
SQU-DS	2025-07-06 04:45:00	10.20	28.90	0.30	7.06	10.21	45.45
SQU-DS	2025-07-06 05:00:00	10.16	28.94	0.30	7.04	10.23	55.15
SQU-DS	2025-07-06 05:15:00	10.14	28.67	0.32	7.01	10.22	49.70
SQU-DS	2025-07-06 05:30:00	10.12	28.62	0.33	6.95	10.23	44.72
SQU-DS	2025-07-06 05:45:00	10.10	28.98	0.30	7.04	10.23	43.93
SQU-DS	2025-07-06 06:00:00	10.08	28.41	0.31	7.06	10.25	40.28
SQU-DS	2025-07-06 06:15:00	10.03	28.58	0.32	7.07	10.27	45.60
SQU-DS	2025-07-06 06:30:00	10.01	28.74	0.32	7.07	10.27	63.40
SQU-DS	2025-07-06 06:45:00	9.99	28.20	0.28	7.02	10.27	44.54
SQU-DS	2025-07-06 07:00:00	9.97	28.35	0.30	7.05	10.29	37.50
SQU-DS	2025-07-06 07:15:00	9.96	28.28	0.32	7.00	10.29	38.29
SQU-DS	2025-07-06 07:30:00	9.96	28.24	0.32	7.09	10.31	44.53
SQU-DS	2025-07-06 07:45:00	9.96	26.16	0.29	7.20	10.28	35.55
SQU-DS	2025-07-06 08:00:00	9.98	25.76	0.29	7.20	10.35	43.10
SQU-DS	2025-07-06 08:15:00	9.97	25.86	0.31	7.17	10.34	45.04
SQU-DS	2025-07-06 08:30:00	9.97	25.76	0.32	7.18	10.37	48.73
SQU-DS	2025-07-06 08:45:00	10.00	26.57	0.27	7.05	10.36	39.37
SQU-DS	2025-07-06 09:00:00	10.00	26.78	0.29	7.07	10.37	35.70
SQU-DS	2025-07-06 09:15:00	10.02	26.75	0.31	6.97	10.39	44.01
SQU-DS	2025-07-06 09:30:00	10.05	26.70	0.31	7.08	10.41	39.49
SQU-DS	2025-07-06 09:45:00	10.08	26.50	0.27	7.21	10.39	38.75
SQU-DS	2025-07-06 10:00:00	10.12	26.49	0.29	7.23	10.40	47.48
SQU-DS	2025-07-06 10:15:00	10.16	26.49	0.31	7.16	10.41	41.59
SQU-DS	2025-07-06 10:30:00	10.22	26.38	0.32	7.15	10.41	50.25
SQU-DS	2025-07-06 10:45:00	10.30	26.35	0.25	7.12	10.39	53.58
SQU-DS	2025-07-06 11:00:00	10.39	26.45	0.28	7.07	10.39	42.76
SQU-DS	2025-07-06 11:15:00	10.49	26.45	0.29	7.10	10.39	39.01
SQU-DS	2025-07-06 11:30:00	10.58	26.54	0.31	7.13	10.40	36.69
SQU-DS	2025-07-06 11:45:00	10.69	27.80	0.26	7.22	10.37	60.13
SQU-DS	2025-07-06 12:00:00	10.78	28.28	0.27	7.26	10.38	37.62
SQU-DS	2025-07-06 12:15:00	10.90	27.97	0.29	7.20	10.37	47.15
SQU-DS	2025-07-06 12:30:00	11.00	28.02	0.30	7.24	10.37	40.58
SQU-DS	2025-07-06 12:45:00	11.12	27.55	0.25	7.13	10.34	43.48
SQU-DS	2025-07-06 13:00:00	11.22	27.77	0.29	7.08	10.34	40.52
SQU-DS	2025-07-06 13:15:00	11.32	27.72	0.30	7.15	10.34	37.75
SQU-DS	2025-07-06 13:30:00	11.41	27.54	0.31	7.15	10.33	43.29
SQU-DS	2025-07-06 13:45:00	11.50	28.19	0.27	7.25	10.28	40.59
SQU-DS	2025-07-06 14:00:00	11.57	27.94	0.29	7.36	10.32	40.76
SQU-DS	2025-07-06 14:15:00	11.63	27.95	0.30	7.33	10.31	41.77
SQU-DS	2025-07-06 14:30:00	11.73	27.92	0.31	7.27	10.29	43.29
SQU-DS	2025-07-06 14:45:00	11.83	27.72	0.28	7.14	10.26	42.53
SQU-DS	2025-07-06 15:00:00	11.88	27.13	0.30	7.16	10.27	40.37
SQU-DS	2025-07-06 15:15:00	11.95	27.07	0.32	7.11	10.26	44.84
SQU-DS	2025-07-06 15:30:00	11.97	27.17	0.32	7.18	10.26	48.13

Squamish River							
Station	Date/Time	Temperature (C)	Specific Conductivity (µS/cm)	ORP (V)	pH (pH units)	Dissolved Oxygen (mg/L)	Turbidity (NTU)
SQU-DS	2025-07-06 15:45:00	11.94	27.37	0.28	7.29	10.22	43.85
SQU-DS	2025-07-06 16:00:00	11.88	27.62	0.30	7.41	10.21	57.71
SQU-DS	2025-07-06 16:15:00	11.84	27.38	0.31	7.37	10.20	53.23
SQU-DS	2025-07-06 16:30:00	11.85	27.50	0.32	7.31	10.20	48.80
SQU-DS	2025-07-06 16:45:00	11.87	26.99	0.27	7.19	10.16	67.71
SQU-DS	2025-07-06 17:00:00	11.90	26.95	0.29	7.17	10.17	54.76
SQU-DS	2025-07-06 17:15:00	11.90	26.43	0.30	7.19	10.08	44.57
SQU-DS	2025-07-06 17:30:00	11.92	26.62	0.31	7.21	10.07	49.22
SQU-DS	2025-07-06 17:45:00	11.99	25.41	0.25	7.20	10.09	58.10
SQU-DS	2025-07-06 18:00:00	12.10	25.12	0.29	7.19	10.12	48.65
SQU-DS	2025-07-06 18:15:00	12.23	24.42	0.30	7.21	10.09	54.03
SQU-DS	2025-07-06 18:30:00	12.35	24.48	0.31	7.21	10.06	48.69
SQU-DS	2025-07-06 18:45:00	12.46	25.47	0.24	7.21	10.01	48.30
SQU-DS	2025-07-06 19:00:00	12.54	23.13	0.27	7.21	10.01	50.82
SQU-DS	2025-07-06 19:15:00	12.62	22.97	0.29	7.21	9.97	54.57
SQU-DS	2025-07-06 19:30:00	12.65	22.20	0.30	7.19	9.95	66.09
SQU-DS	2025-07-06 19:45:00	12.69	27.21	0.23	7.14	9.91	53.02
SQU-DS	2025-07-06 20:00:00	12.75	25.22	0.28	7.17	9.90	49.74
SQU-DS	2025-07-06 20:15:00	12.78	25.43	0.29	7.17	9.87	61.20
SQU-DS	2025-07-06 20:30:00	12.81	25.10	0.30	7.19	9.85	62.75
SQU-DS	2025-07-06 20:45:00	12.82	27.48	0.23	7.16	9.81	53.17
SQU-DS	2025-07-06 21:00:00	12.81	26.38	0.26	7.15	9.80	57.24
SQU-DS	2025-07-06 21:15:00	12.76	26.59	0.28	7.15	9.78	54.68
SQU-DS	2025-07-06 21:30:00	12.70	26.23	0.30	7.17	9.78	54.25
SQU-DS	2025-07-06 21:45:00	12.63	29.02	0.24	7.17	9.77	44.61
SQU-DS	2025-07-06 22:00:00	12.58	28.81	0.28	7.10	9.77	57.65
SQU-DS	2025-07-06 22:15:00	12.52	28.66	0.29	7.17	9.77	61.84
SQU-DS	2025-07-06 22:30:00	12.48	28.13	0.31	7.11	9.77	56.77
SQU-DS	2025-07-06 22:45:00	12.44	28.89	0.24	7.13	9.77	52.94
SQU-DS	2025-07-06 23:00:00	12.42	28.68	0.27	7.15	9.78	68.19
SQU-DS	2025-07-06 23:15:00	12.40	28.07	0.29	7.14	9.78	55.23
SQU-DS	2025-07-06 23:30:00	12.38	27.78	0.30	7.12	9.78	62.09
SQU-DS	2025-07-06 23:45:00	12.34	29.10	0.22	7.16	9.78	64.29
SQU-US	2025-06-30 00:00:00	11.48	32.78	0.37	7.10	10.48	64.86
SQU-US	2025-06-30 00:15:00	11.41	32.73	0.38	7.10	10.48048019	54.95
SQU-US	2025-06-30 00:30:00	11.34	32.39	0.38	7.10	10.49993515	61.69
SQU-US	2025-06-30 00:45:00	11.27	32.55	0.39	7.02	10.52060318	58.63
SQU-US	2025-06-30 01:00:00	11.18	32.29	0.37	7.00	10.53597927	62.71
SQU-US	2025-06-30 01:15:00	11.11	32.22	0.38	7.03	10.56215668	77.43
SQU-US	2025-06-30 01:30:00	11.04	31.60	0.38	7.02	10.58037376	58.43
SQU-US	2025-06-30 01:45:00	10.99	32.05	0.38	7.05	10.57676601	56.09
SQU-US	2025-06-30 02:00:00	10.90	31.72	0.38	7.04	10.57312012	54.80
SQU-US	2025-06-30 02:15:00	10.81	32.16	0.38	6.96	10.56319523	59.14
SQU-US	2025-06-30 02:30:00	10.75	31.87	0.37	6.92	10.58994102	59.28
SQU-US	2025-06-30 02:45:00	10.68	31.64	0.37	6.98	10.59212112	47.61
SQU-US	2025-06-30 03:00:00	10.60	31.51	0.37	6.94	10.61474419	47.86
SQU-US	2025-06-30 03:15:00	10.53	31.37	0.37	6.94	10.64536858	41.19
SQU-US	2025-06-30 03:30:00	10.46	31.11	0.36	6.98	10.65792656	46.28
SQU-US	2025-06-30 03:45:00	10.39	30.82	0.36	7.02	10.67512035	48.19

Squamish River							
Station	Date/Time	Temperature (C)	Specific Conductivity (µS/cm)	ORP (V)	pH (pH units)	Dissolved Oxygen (mg/L)	Turbidity (NTU)
SQU-US	2025-06-30 04:00:00	10.33	30.63	0.36	7.04	10.67509937	49.95
SQU-US	2025-06-30 04:15:00	10.27	30.19	0.37	7.02	10.69775105	48.86
SQU-US	2025-06-30 04:30:00	10.20	29.85	0.37	7.03	10.72711563	47.80
SQU-US	2025-06-30 04:45:00	10.15	29.81	0.38	6.98	10.72499275	39.72
SQU-US	2025-06-30 05:00:00	10.09	29.64	0.37	6.95	10.74205875	43.85
SQU-US	2025-06-30 05:15:00	10.04	29.60	0.38	6.96	10.75674343	44.18
SQU-US	2025-06-30 05:30:00	9.99	29.28	0.37	6.97	10.7673378	50.31
SQU-US	2025-06-30 05:45:00	9.96	28.93	0.37	7.02	10.79	43.47
SQU-US	2025-06-30 06:00:00	9.89	28.91	0.37	7.06	10.82	42.68
SQU-US	2025-06-30 06:15:00	9.84	28.85	0.38	6.94	10.84	53.51
SQU-US	2025-06-30 06:30:00	9.82	28.63	0.38	7.05	10.85	56.20
SQU-US	2025-06-30 06:45:00	9.80	27.51	0.38	7.03	10.86	54.58
SQU-US	2025-06-30 07:00:00	9.77	27.50	0.38	7.07	10.88	40.38
SQU-US	2025-06-30 07:15:00	9.75	27.32	0.39	7.05	10.90	40.34
SQU-US	2025-06-30 07:30:00	9.74	27.19	0.39	7.03	10.91	46.78
SQU-US	2025-06-30 07:45:00	9.74	28.08	0.39	7.08	10.94	45.11
SQU-US	2025-06-30 08:00:00	9.76	28.26	0.39	7.02	10.95	48.03
SQU-US	2025-06-30 08:15:00	9.77	28.22	0.39	7.07	10.95	46.84
SQU-US	2025-06-30 08:30:00	9.82	28.01	0.39	7.07	10.97	53.56
SQU-US	2025-06-30 08:45:00	9.84	28.11	0.39	7.02	10.98	52.44
SQU-US	2025-06-30 09:00:00	9.88	28.02	0.38	7.03	11.00	50.44
SQU-US	2025-06-30 09:15:00	9.94	27.88	0.38	7.04	11.00	48.74
SQU-US	2025-06-30 09:30:00	10.00	28.01	0.38	7.04	11.02	60.42
SQU-US	2025-06-30 09:45:00	10.05	28.21	0.38	7.07	11.01	38.25
SQU-US	2025-06-30 10:00:00	10.11	28.34	0.38	6.99	11.01	53.11
SQU-US	2025-06-30 10:15:00	10.20	28.20	0.38	7.03	11.02	46.78
SQU-US	2025-06-30 10:30:00	10.24	28.47	0.38	7.05	11.00	54.42
SQU-US	2025-06-30 10:45:00	10.33	28.16	0.38	7.03	11.00	61.32
SQU-US	2025-06-30 11:00:00	10.39	28.71	0.37	7.01	10.97	92.85
SQU-US	2025-06-30 11:15:00	10.48	28.53	0.37	7.02	10.97	69.11
SQU-US	2025-06-30 11:30:00	10.58	28.23	0.37	7.02	10.96	89.48
SQU-US	2025-06-30 11:45:00	10.65	28.61	0.37	7.01	10.97	69.87
SQU-US	2025-06-30 12:00:00	10.78	28.51	0.37	7.05	10.94	70.38
SQU-US	2025-06-30 12:15:00	10.87	28.61	0.37	7.09	10.93	72.45
SQU-US	2025-06-30 12:30:00	10.99	28.18	0.37	7.09	10.92	77.68
SQU-US	2025-06-30 12:45:00	11.07	28.07	0.37	7.07	10.92	67.22
SQU-US	2025-06-30 13:00:00	11.18	27.78	0.37	7.07	10.92	67.42
SQU-US	2025-06-30 13:15:00	11.30	28.10	0.38	7.08	10.90	71.44
SQU-US	2025-06-30 13:30:00	11.39	28.17	0.38	7.03	10.88	72.95
SQU-US	2025-06-30 13:45:00	11.51	27.87	0.38	7.14	10.88	75.68
SQU-US	2025-06-30 14:00:00	11.60	28.00	0.37	7.17	10.87	60.20
SQU-US	2025-06-30 14:15:00	11.68	28.19	0.38	7.15	10.87	70.79
SQU-US	2025-06-30 14:30:00	11.79	28.08	0.38	7.07	10.83	70.99
SQU-US	2025-06-30 14:45:00	11.87	28.18	0.38	7.10	10.82	61.31
SQU-US	2025-06-30 15:00:00	11.97	28.31		7.09	10.80	69.46
SQU-US	2025-06-30 15:15:00	12.08	28.59	0.38	7.06	10.77	66.54
SQU-US	2025-06-30 15:30:00	12.16	28.80	0.37	7.11	10.75	56.67
SQU-US	2025-06-30 15:45:00	12.26	29.26	0.37	7.14	10.74	64.10
SQU-US	2025-06-30 16:00:00	12.34	29.74	0.37	7.12	10.69	56.66

Squamish River							
Station	Date/Time	Temperature (C)	Specific Conductivity (µS/cm)	ORP (V)	pH (pH units)	Dissolved Oxygen (mg/L)	Turbidity (NTU)
SQU-US	2025-06-30 16:15:00	12.42	29.62	0.37	7.14	10.69	66.94
SQU-US	2025-06-30 16:30:00	12.50	29.78	0.37	7.17	10.66	55.04
SQU-US	2025-06-30 16:45:00	12.57	30.08	0.37	7.11	10.64	56.42
SQU-US	2025-06-30 17:00:00	12.64	30.30	0.37	7.10	10.61	65.39
SQU-US	2025-06-30 17:15:00	12.71	30.30	0.37	7.14	10.59	59.92
SQU-US	2025-06-30 17:30:00	12.77	30.09	0.37	7.11	10.57	63.90
SQU-US	2025-06-30 17:45:00	12.83	30.29	0.37	7.19	10.53	52.26
SQU-US	2025-06-30 18:00:00	12.88	30.37	0.37	7.09	10.51	88.57
SQU-US	2025-06-30 18:15:00	12.93	30.75	0.37	7.16	10.47	50.12
SQU-US	2025-06-30 18:30:00	12.96	30.42	0.37	7.14	10.44	53.81
SQU-US	2025-06-30 18:45:00	12.99	30.79	0.37	7.13	10.40	55.56
SQU-US	2025-06-30 19:00:00	13.00	30.78	0.37	7.11	10.37	51.16
SQU-US	2025-06-30 19:15:00	13.02	30.65	0.37	7.14	10.33	53.38
SQU-US	2025-06-30 19:30:00	13.02	30.15	0.37	7.15	10.32	68.97
SQU-US	2025-06-30 19:45:00	13.02	30.39	0.37	7.11	10.30	83.55
SQU-US	2025-06-30 20:00:00	13.01	30.59	0.37	7.13	10.27	64.35
SQU-US	2025-06-30 20:15:00	12.99	30.53	0.38	7.14	10.25	72.10
SQU-US	2025-06-30 20:30:00	12.96	30.38	0.38	7.08	10.24	73.00
SQU-US	2025-06-30 20:45:00	12.92	28.41	0.38	7.10	10.22	70.38
SQU-US	2025-06-30 21:00:00	12.87	28.32	0.39	7.11	10.22	71.62
SQU-US	2025-06-30 21:15:00	12.82	28.18	0.39	7.09	10.22	82.44
SQU-US	2025-06-30 21:30:00	12.76	27.81	0.39	7.08	10.22	72.89
SQU-US	2025-06-30 21:45:00	12.69	29.21	0.39	7.06	10.22	79.92
SQU-US	2025-06-30 22:00:00	12.61	28.93	0.39	7.07	10.23	69.56
SQU-US	2025-06-30 22:15:00	12.55	28.80	0.39	7.10	10.23	70.43
SQU-US	2025-06-30 22:30:00	12.47	28.49	0.40	7.02	10.26	93.01
SQU-US	2025-06-30 22:45:00	12.37	28.51	0.41	6.93	10.27	97.03
SQU-US	2025-06-30 23:00:00	12.29	28.43	0.40	7.00	10.30	97.49
SQU-US	2025-06-30 23:15:00	12.18	29.07	0.40	7.05	10.31	94.55
SQU-US	2025-06-30 23:30:00	12.09	29.11	0.40	7.04	10.32	99.75
SQU-US	2025-06-30 23:45:00	12.00	28.96	0.41	7.06	10.33	89.84
SQU-US	2025-07-01 00:00:00	11.92	29.09	0.40	7.00	10.35	91.51
SQU-US	2025-07-01 00:15:00	11.81	29.01	0.40	7.05	10.36	100.31
SQU-US	2025-07-01 00:30:00	11.72	28.98	0.40	6.94	10.39	78.13
SQU-US	2025-07-01 00:45:00	11.64	28.40	0.40	7.01	10.38	97.61
SQU-US	2025-07-01 01:00:00	11.55	28.32	0.41	6.94	10.43	111.78
SQU-US	2025-07-01 01:15:00	11.46	28.38	0.40	6.93	10.43	123.46
SQU-US	2025-07-01 01:30:00	11.42	28.56	0.41	6.89	10.44	107.72
SQU-US	2025-07-01 01:45:00	11.32	28.25	0.41	6.83	10.47	107.28
SQU-US	2025-07-01 02:00:00	11.24	28.57	0.40	7.01	10.51	107.03
SQU-US	2025-07-01 02:15:00	11.19	28.38	0.41	6.95	10.51	116.34
SQU-US	2025-07-01 02:30:00	11.12	28.13	0.41	6.96	10.54	110.47
SQU-US	2025-07-01 02:45:00	11.05	28.12	0.40	7.01	10.55	110.18
SQU-US	2025-07-01 03:00:00	11.00	27.48	0.40	6.98	10.55	115.37
SQU-US	2025-07-01 03:15:00	10.93	27.28	0.40	6.98	10.59	125.33
SQU-US	2025-07-01 03:30:00	10.86	27.03	0.40	6.97	10.60	128.80
SQU-US	2025-07-01 03:45:00	10.80	26.99	0.40	6.96	10.62	118.48
SQU-US	2025-07-01 04:00:00	10.73	26.97	0.40	7.01	10.63	129.67
SQU-US	2025-07-01 04:15:00	10.69	26.65	0.41	6.96	10.65	118.52

Squamish River							
Station	Date/Time	Temperature (C)	Specific Conductivity (µS/cm)	ORP (V)	pH (pH units)	Dissolved Oxygen (mg/L)	Turbidity (NTU)
SQU-US	2025-07-01 04:30:00	10.62	26.71	0.41	6.94	10.66	144.75
SQU-US	2025-07-01 04:45:00	10.58	26.32	0.41	7.00	10.68	129.00
SQU-US	2025-07-01 05:00:00	10.55	26.04	0.40	6.95	10.69	122.47
SQU-US	2025-07-01 05:15:00	10.50	26.10	0.40	7.01	10.69	114.98
SQU-US	2025-07-01 05:30:00	10.43	26.00	0.40	7.00	10.72	113.72
SQU-US	2025-07-01 05:45:00	10.34	26.09	0.40	6.94	10.72	113.72
SQU-US	2025-07-01 06:00:00	10.32	25.98	0.40	6.98	10.73	121.36
SQU-US	2025-07-01 06:15:00	10.28	25.72	0.40	6.96	10.75	123.35
SQU-US	2025-07-01 06:30:00	10.27	25.59	0.40	6.95	10.77	126.96
SQU-US	2025-07-01 06:45:00	10.24	24.71	0.40	6.95	10.78	111.90
SQU-US	2025-07-01 07:00:00	10.24	24.49	0.40	6.96	10.78	105.35
SQU-US	2025-07-01 07:15:00	10.22	24.42	0.40	6.94	10.80	108.52
SQU-US	2025-07-01 07:30:00	10.21	24.45	0.40	6.95	10.80	102.27
SQU-US	2025-07-01 07:45:00	10.24	25.26	0.41	6.93	10.81	120.85
SQU-US	2025-07-01 08:00:00	10.22	25.36	0.40	7.02	10.82	135.44
SQU-US	2025-07-01 08:15:00	10.26	25.36	0.40	6.97	10.81	107.14
SQU-US	2025-07-01 08:30:00	10.25	25.32	0.40	7.00	10.84	104.86
SQU-US	2025-07-01 08:45:00	10.29	24.26	0.40	6.98	10.87	93.95
SQU-US	2025-07-01 09:00:00	10.30	24.37	0.40	6.96	10.87	90.26
SQU-US	2025-07-01 09:15:00	10.36	24.13	0.40	6.98	10.88	104.54
SQU-US	2025-07-01 09:30:00	10.37	24.34	0.40	6.95	10.91	87.46
SQU-US	2025-07-01 09:45:00	10.43	25.13	0.39	7.03	10.90	99.42
SQU-US	2025-07-01 10:00:00	10.48	25.42	0.40	6.97	10.90	105.28
SQU-US	2025-07-01 10:15:00	10.54	25.56	0.39	7.00	10.92	105.69
SQU-US	2025-07-01 10:30:00	10.59	25.82	0.39	7.04	10.91	93.46
SQU-US	2025-07-01 10:45:00	10.69	24.65	0.39	7.02	10.90	79.15
SQU-US	2025-07-01 11:00:00	10.76	24.71	0.39	6.94	10.90	84.80
SQU-US	2025-07-01 11:15:00	10.83	24.76	0.39	7.02	10.90	77.13
SQU-US	2025-07-01 11:30:00	10.91	24.91	0.39	7.02	10.88	78.04
SQU-US	2025-07-01 11:45:00	10.99	26.11	0.39	6.98	10.89	89.78
SQU-US	2025-07-01 12:00:00	11.06	26.13	0.39	7.04	10.89	86.25
SQU-US	2025-07-01 12:15:00	11.16	25.93	0.38	7.05	10.88	66.98
SQU-US	2025-07-01 12:30:00	11.27	25.96	0.38	7.05	10.87	82.36
SQU-US	2025-07-01 12:45:00	11.35	25.69	0.38	7.08	10.84	89.33
SQU-US	2025-07-01 13:00:00	11.44	25.93	0.38	7.01	10.84	76.05
SQU-US	2025-07-01 13:15:00	11.52	25.94	0.38	7.07	10.83	89.72
SQU-US	2025-07-01 13:30:00	11.63	25.92	0.38	7.01	10.79	101.57
SQU-US	2025-07-01 13:45:00	11.71	26.66	0.38	7.08	10.80	72.67
SQU-US	2025-07-01 14:00:00	11.83	26.70	0.38	7.00	10.76	75.75
SQU-US	2025-07-01 14:15:00	11.92	26.99	0.38	7.05	10.74	68.87
SQU-US	2025-07-01 14:30:00	12.00	27.12	0.38	7.00	10.72	105.99
SQU-US	2025-07-01 14:45:00	12.10	25.74	0.37	7.06	10.72	72.62
SQU-US	2025-07-01 15:00:00	12.19	26.58	0.37	7.05	10.68	75.45
SQU-US	2025-07-01 15:15:00	12.28	26.70	0.37	6.99	10.67	83.82
SQU-US	2025-07-01 15:30:00	12.38	26.49	0.37	7.01	10.63	81.51
SQU-US	2025-07-01 15:45:00	12.47	26.50	0.37	7.10	10.61	69.92
SQU-US	2025-07-01 16:00:00	12.55	26.76	0.37	7.08	10.60	76.03
SQU-US	2025-07-01 16:15:00	12.64	26.49	0.37	7.05	10.57	63.09
SQU-US	2025-07-01 16:30:00	12.73	26.74	0.37	7.14	10.54	60.03

Squamish River							
Station	Date/Time	Temperature (C)	Specific Conductivity (µS/cm)	ORP (V)	pH (pH units)	Dissolved Oxygen (mg/L)	Turbidity (NTU)
SQU-US	2025-07-01 16:45:00	12.82	28.22	0.37	7.09	10.51	80.22
SQU-US	2025-07-01 17:00:00	12.91	27.85	0.37	7.09	10.50	75.13
SQU-US	2025-07-01 17:15:00	12.99	28.29	0.37	7.08	10.46	60.65
SQU-US	2025-07-01 17:30:00	13.06	28.51	0.37	7.09	10.41	73.67
SQU-US	2025-07-01 17:45:00	13.13	28.81	0.37	7.11	10.38	63.70
SQU-US	2025-07-01 18:00:00	13.18	28.47	0.37	7.08	10.36	85.55
SQU-US	2025-07-01 18:15:00	13.23	28.54	0.37	7.09	10.33	66.99
SQU-US	2025-07-01 18:30:00	13.27	28.72	0.37	7.09	10.29	93.63
SQU-US	2025-07-01 18:45:00	13.30	27.23	0.37	7.15	10.28	64.79
SQU-US	2025-07-01 19:00:00	13.32	26.92	0.37	7.11	10.26	81.81
SQU-US	2025-07-01 19:15:00	13.34	27.45	0.37	7.11	10.24	68.85
SQU-US	2025-07-01 19:30:00	13.33	27.28	0.37	7.08	10.20	92.52
SQU-US	2025-07-01 19:45:00	13.32	28.28	0.37	7.18	10.18	82.07
SQU-US	2025-07-01 20:00:00	13.29	28.47	0.38	7.12	10.14	89.53
SQU-US	2025-07-01 20:15:00	13.25	28.12	0.38	7.19	10.14	93.73
SQU-US	2025-07-01 20:30:00	13.21	27.94	0.38	7.17	10.14	85.44
SQU-US	2025-07-01 20:45:00	13.17	28.31	0.38	7.14	10.13	91.55
SQU-US	2025-07-01 21:00:00	13.13	27.94	0.38	7.15	10.13	78.82
SQU-US	2025-07-01 21:15:00	13.08	27.54	0.39	7.06	10.13	88.90
SQU-US	2025-07-01 21:30:00	13.02	27.53	0.39	7.10	10.13	79.95
SQU-US	2025-07-01 21:45:00	12.97	27.69	0.39	7.08	10.14	91.63
SQU-US	2025-07-01 22:00:00	12.88	27.46	0.40	6.95	10.15	84.35
SQU-US	2025-07-01 22:15:00	12.82	27.45	0.39	7.09	10.16	87.74
SQU-US	2025-07-01 22:30:00	12.72	27.14	0.39	7.10	10.17	89.60
SQU-US	2025-07-01 22:45:00	12.63	26.15	0.40	7.05	10.19	85.53
SQU-US	2025-07-01 23:00:00	12.53	26.09	0.40	7.02	10.21	95.00
SQU-US	2025-07-01 23:15:00	12.41	26.48	0.40	7.01	10.23	95.23
SQU-US	2025-07-01 23:30:00	12.30	26.88	0.40	7.02	10.26	91.76
SQU-US	2025-07-01 23:45:00	12.19	28.03	0.39	7.13	10.27	89.27
SQU-US	2025-07-02 00:00:00	12.11	27.96	0.40	6.96	10.29	84.46
SQU-US	2025-07-02 00:15:00	12.03	27.88	0.40	7.06	10.31	94.32
SQU-US	2025-07-02 00:30:00	11.92	27.91	0.41	6.86	10.32	92.11
SQU-US	2025-07-02 00:45:00	11.84	27.06	0.40	6.96	10.33	97.12
SQU-US	2025-07-02 01:00:00	11.75	26.60	0.40	7.08	10.36	113.95
SQU-US	2025-07-02 01:15:00	11.63	26.48	0.40	7.03	10.39	98.97
SQU-US	2025-07-02 01:30:00	11.53	26.50	0.40	7.02	10.40	113.88
SQU-US	2025-07-02 01:45:00	11.46	27.61	0.40	7.09	10.42	125.91
SQU-US	2025-07-02 02:00:00	11.42	27.68	0.40	7.02	10.44	114.64
SQU-US	2025-07-02 02:15:00	11.34	27.31	0.40	7.07	10.45	139.22
SQU-US	2025-07-02 02:30:00	11.28	26.62	0.40	7.01	10.46	120.70
SQU-US	2025-07-02 02:45:00	11.20	25.44	0.40	7.00	10.48	98.13
SQU-US	2025-07-02 03:00:00	11.12	25.36	0.40	7.01	10.50	113.27
SQU-US	2025-07-02 03:15:00	11.05	25.02	0.41	6.88	10.51	116.62
SQU-US	2025-07-02 03:30:00	10.99	24.60	0.40	6.98	10.52	116.54
SQU-US	2025-07-02 03:45:00	10.89	25.10	0.41	6.98	10.56	114.42
SQU-US	2025-07-02 04:00:00	10.82	25.15	0.40	6.93	10.56	150.30
SQU-US	2025-07-02 04:15:00	10.76	24.71	0.40	6.98	10.57	130.25
SQU-US	2025-07-02 04:30:00	10.69	24.67	0.40	6.94	10.57	187.62
SQU-US	2025-07-02 04:45:00	10.61	23.32	0.41	6.90	10.61	103.77

Squamish River							
Station	Date/Time	Temperature (C)	Specific Conductivity (µS/cm)	ORP (V)	pH (pH units)	Dissolved Oxygen (mg/L)	Turbidity (NTU)
SQU-US	2025-07-02 05:00:00	10.54	23.31	0.40	7.02	10.63	101.38
SQU-US	2025-07-02 05:15:00	10.50	22.78	0.41	6.92	10.65	108.47
SQU-US	2025-07-02 05:30:00	10.44	22.71	0.41	6.93	10.67	106.44
SQU-US	2025-07-02 05:45:00	10.36	24.03	0.41	6.90	10.68	104.94
SQU-US	2025-07-02 06:00:00	10.32	23.87	0.41	6.89	10.69	120.65
SQU-US	2025-07-02 06:15:00	10.28	23.95	0.41	6.88	10.70	111.59
SQU-US	2025-07-02 06:30:00	10.21	23.96	0.41	6.88	10.71	109.48
SQU-US	2025-07-02 06:45:00	10.21	22.65	0.40	6.99	10.73	105.00
SQU-US	2025-07-02 07:00:00	10.19	22.64	0.41	6.94	10.74	106.61
SQU-US	2025-07-02 07:15:00	10.19	22.74	0.41	6.89	10.75	98.40
SQU-US	2025-07-02 07:30:00	10.20	22.75	0.40	6.98	10.75	104.32
SQU-US	2025-07-02 07:45:00	10.21	23.70	0.40	7.01	10.76	89.28
SQU-US	2025-07-02 08:00:00	10.24	23.97	0.40	6.99	10.77	91.77
SQU-US	2025-07-02 08:15:00	10.26	24.02	0.40	6.95	10.77	98.58
SQU-US	2025-07-02 08:30:00	10.25	24.13	0.40	6.94	10.79	95.28
SQU-US	2025-07-02 08:45:00	10.26	23.16	0.40	6.91	10.82	101.04
SQU-US	2025-07-02 09:00:00	10.30	23.18	0.40	6.97	10.81	104.11
SQU-US	2025-07-02 09:15:00	10.36	23.29	0.40	6.89	10.81	90.89
SQU-US	2025-07-02 09:30:00	10.37	23.72	0.39	6.94	10.83	86.90
SQU-US	2025-07-02 09:45:00	10.42	24.79	0.39	6.99	10.85	92.64
SQU-US	2025-07-02 10:00:00	10.47	24.49	0.39	6.97	10.85	90.05
SQU-US	2025-07-02 10:15:00	10.54	24.62	0.39	7.00	10.87	85.58
SQU-US	2025-07-02 10:30:00	10.57	24.91	0.39	6.96	10.86	97.53
SQU-US	2025-07-02 10:45:00	10.57	24.27	0.39	6.84	10.87	80.41
SQU-US	2025-07-02 11:00:00	10.58	24.18	0.39	6.95	10.86	80.75
SQU-US	2025-07-02 11:15:00	10.59	24.45	0.38	7.02	10.85	78.10
SQU-US	2025-07-02 11:30:00	10.57	24.24	0.39	6.92	10.86	87.95
SQU-US	2025-07-02 11:45:00	10.60	24.59	0.38	7.05	10.89	88.04
SQU-US	2025-07-02 12:00:00	10.64	24.69	0.39	7.01	10.87	89.57
SQU-US	2025-07-02 12:15:00	10.71	24.74	0.38	7.04	10.89	89.66
SQU-US	2025-07-02 12:30:00	10.82	24.75	0.38	7.06	10.90	84.57
SQU-US	2025-07-02 12:45:00	10.93	23.67	0.38	7.05	10.91	100.29
SQU-US	2025-07-02 13:00:00	11.05	23.47	0.39	7.04	10.91	73.70
SQU-US	2025-07-02 13:15:00	11.18	23.50	0.38	7.08	10.89	81.02
SQU-US	2025-07-02 13:30:00	11.27	23.66	0.38	7.09	10.89	72.56
SQU-US	2025-07-02 13:45:00	11.33	24.60	0.38	7.14	10.88	67.45
SQU-US	2025-07-02 14:00:00	11.33	24.86	0.38	7.12	10.87	75.69
SQU-US	2025-07-02 14:15:00	11.39	25.29	0.38	7.08	10.84	71.46
SQU-US	2025-07-02 14:30:00	11.48	24.97	0.39	6.97	10.84	83.55
SQU-US	2025-07-02 14:45:00	11.56	24.96	0.38	7.13	10.81	75.35
SQU-US	2025-07-02 15:00:00	11.67	25.23	0.38	7.02	10.78	84.42
SQU-US	2025-07-02 15:15:00	11.76	26.13	0.38	7.03	10.76	72.65
SQU-US	2025-07-02 15:30:00	11.84	26.34	0.38	7.08	10.75	91.10
SQU-US	2025-07-02 15:45:00	11.87	26.95	0.38	7.09	10.75	70.47
SQU-US	2025-07-02 16:00:00	11.92	27.32	0.37	7.11	10.70	63.33
SQU-US	2025-07-02 16:15:00	11.99	27.47	0.37	7.11	10.71	66.46
SQU-US	2025-07-02 16:30:00	12.07	27.72	0.37	7.12	10.65	61.08
SQU-US	2025-07-02 16:45:00	12.12	26.97	0.37	7.07	10.63	67.11
SQU-US	2025-07-02 17:00:00	12.12	26.84	0.37	7.06	10.64	62.20

Squamish River							
Station	Date/Time	Temperature (C)	Specific Conductivity (µS/cm)	ORP (V)	pH (pH units)	Dissolved Oxygen (mg/L)	Turbidity (NTU)
SQU-US	2025-07-02 17:15:00	12.10	26.54	0.37	7.10	10.63	59.05
SQU-US	2025-07-02 17:30:00	12.09	26.78	0.37	7.07	10.62	70.78
SQU-US	2025-07-02 17:45:00	12.09	28.02	0.37	7.11	10.60	73.95
SQU-US	2025-07-02 18:00:00	12.11	28.15	0.37	7.06	10.58	82.81
SQU-US	2025-07-02 18:15:00	12.11	28.22	0.37	7.10	10.57	65.61
SQU-US	2025-07-02 18:30:00	12.09	28.33	0.37	7.05	10.55	63.83
SQU-US	2025-07-02 18:45:00	12.03	27.44	0.37	7.06	10.55	67.34
SQU-US	2025-07-02 19:00:00	11.95	27.58	0.37	7.08	10.53	61.43
SQU-US	2025-07-02 19:15:00	11.90	27.60	0.38	6.99	10.52	72.66
SQU-US	2025-07-02 19:30:00	11.90	27.51	0.38	7.03	10.52	60.79
SQU-US	2025-07-02 19:45:00	11.90	28.56	0.38	7.10	10.52	68.17
SQU-US	2025-07-02 20:00:00	11.90	28.68	0.38	7.09	10.50	69.60
SQU-US	2025-07-02 20:15:00	11.90	29.08	0.37	7.11	10.49	63.64
SQU-US	2025-07-02 20:30:00	11.89	29.07	0.37	7.11	10.47	64.78
SQU-US	2025-07-02 20:45:00	11.88	28.04	0.38	7.03	10.47	65.49
SQU-US	2025-07-02 21:00:00	11.87	27.92	0.38	7.12	10.47	65.07
SQU-US	2025-07-02 21:15:00	11.83	27.67	0.38	7.11	10.46	74.83
SQU-US	2025-07-02 21:30:00	11.81	27.54	0.38	7.12	10.46	66.92
SQU-US	2025-07-02 21:45:00	11.78	28.74	0.39	7.14	10.46	76.50
SQU-US	2025-07-02 22:00:00	11.74	28.48	0.39	7.15	10.45	74.57
SQU-US	2025-07-02 22:15:00	11.68	28.36	0.39	7.14	10.46	80.63
SQU-US	2025-07-02 22:30:00	11.62	28.78	0.39	7.13	10.45	88.09
SQU-US	2025-07-02 22:45:00	11.57	27.64	0.39	7.09	10.47	78.25
SQU-US	2025-07-02 23:00:00	11.51	27.46	0.40	7.06	10.49	76.95
SQU-US	2025-07-02 23:15:00	11.45	27.76	0.40	7.06	10.47	85.20
SQU-US	2025-07-02 23:30:00	11.39	27.41	0.40	7.06	10.49	82.79
SQU-US	2025-07-02 23:45:00	11.33	28.66	0.40	7.05	10.51	76.76
SQU-US	2025-07-03 00:00:00	11.27	28.84	0.40	7.04	10.51	86.07
SQU-US	2025-07-03 00:15:00	11.22	28.65	0.40	7.12	10.53	77.32
SQU-US	2025-07-03 00:30:00	11.18	28.50	0.40	7.14	10.53	85.76
SQU-US	2025-07-03 00:45:00	11.10	27.99	0.40	7.04	10.54	74.99
SQU-US	2025-07-03 01:00:00	11.07	27.22	0.40	7.10	10.55	78.97
SQU-US	2025-07-03 01:15:00	11.02	27.26	0.40	7.07	10.55	77.57
SQU-US	2025-07-03 01:30:00	10.97	27.67	0.40	7.04	10.57	72.19
SQU-US	2025-07-03 01:45:00	10.92	29.13	0.40	7.10	10.58	75.71
SQU-US	2025-07-03 02:00:00	10.89	28.73	0.41	7.00	10.58	85.10
SQU-US	2025-07-03 02:15:00	10.84	28.51	0.40	7.01	10.60	78.90
SQU-US	2025-07-03 02:30:00	10.81	28.76	0.40	7.12	10.58	80.48
SQU-US	2025-07-03 02:45:00	10.78	27.49	0.40	7.06	10.58	72.35
SQU-US	2025-07-03 03:00:00	10.72	27.58	0.40	7.04	10.60	67.39
SQU-US	2025-07-03 03:15:00	10.71	27.64	0.40	6.97	10.58	76.33
SQU-US	2025-07-03 03:30:00	10.67	27.61	0.40	6.98	10.58	62.89
SQU-US	2025-07-03 03:45:00	10.65	28.78	0.39	7.05	10.59	68.30
SQU-US	2025-07-03 04:00:00	10.61	28.75	0.39	7.00	10.60	73.41
SQU-US	2025-07-03 04:15:00	10.59	28.83	0.39	6.94	10.61	80.05
SQU-US	2025-07-03 04:30:00	10.55	28.76	0.38	7.03	10.60	74.87
SQU-US	2025-07-03 04:45:00	10.51	27.69	0.39	6.97	10.62	62.60
SQU-US	2025-07-03 05:00:00	10.48	27.55	0.38	7.02	10.63	69.37
SQU-US	2025-07-03 05:15:00	10.45	27.46	0.39	6.95	10.65	72.28

Squamish River							
Station	Date/Time	Temperature (C)	Specific Conductivity (µS/cm)	ORP (V)	pH (pH units)	Dissolved Oxygen (mg/L)	Turbidity (NTU)
SQU-US	2025-07-03 05:30:00	10.40	27.40	0.38	7.04	10.67	68.54
SQU-US	2025-07-03 05:45:00	10.38	28.58	0.38	7.05	10.69	73.70
SQU-US	2025-07-03 06:00:00	10.33	28.73	0.38	7.03	10.69	72.41
SQU-US	2025-07-03 06:15:00	10.34	28.02	0.39	6.90	10.70	80.19
SQU-US	2025-07-03 06:30:00	10.33	27.87	0.38	7.07	10.72	68.77
SQU-US	2025-07-03 06:45:00	10.28	27.43	0.38	7.02	10.73	64.87
SQU-US	2025-07-03 07:00:00	10.26	27.10	0.39	6.93	10.74	61.03
SQU-US	2025-07-03 07:15:00	10.22	27.16	0.38	7.04	10.75	65.41
SQU-US	2025-07-03 07:30:00	10.22	26.76	0.38	7.04	10.78	81.41
SQU-US	2025-07-03 07:45:00	10.20	27.34	0.38	7.07	10.82	83.67
SQU-US	2025-07-03 08:00:00	10.15	27.40	0.38	7.04	10.80	62.43
SQU-US	2025-07-03 08:15:00	10.17	27.42	0.39	6.95	10.82	66.64
SQU-US	2025-07-03 08:30:00	10.17	27.55	0.38	7.00	10.83	82.89
SQU-US	2025-07-03 08:45:00	10.20	27.45	0.38	7.09	10.83	56.02
SQU-US	2025-07-03 09:00:00	10.21	27.43	0.38	6.97	10.85	59.26
SQU-US	2025-07-03 09:15:00	10.28	27.30	0.38	7.03	10.85	69.36
SQU-US	2025-07-03 09:30:00	10.33	27.50	0.38	7.09	10.86	53.52
SQU-US	2025-07-03 09:45:00	10.41	27.34	0.38	7.08	10.88	70.27
SQU-US	2025-07-03 10:00:00	10.44	27.64	0.37	7.11	10.89	55.99
SQU-US	2025-07-03 10:15:00	10.55	27.02	0.37	7.12	10.88	67.26
SQU-US	2025-07-03 10:30:00	10.63	27.81	0.38	7.05	10.89	68.04
SQU-US	2025-07-03 10:45:00	10.72	27.01	0.37	7.08	10.88	84.54
SQU-US	2025-07-03 11:00:00	10.79	26.50	0.37	7.09	10.90	50.43
SQU-US	2025-07-03 11:15:00	10.85	26.62	0.37	7.11	10.91	74.08
SQU-US	2025-07-03 11:30:00	10.82	26.86	0.37	7.10	10.88	63.04
SQU-US	2025-07-03 11:45:00	10.76	27.49	0.38	7.08	10.89	66.03
SQU-US	2025-07-03 12:00:00	10.79	27.97	0.38	7.05	10.89	69.41
SQU-US	2025-07-03 12:15:00	10.78	27.51	0.38	7.09	10.90	56.12
SQU-US	2025-07-03 12:30:00	10.72	27.80	0.38	7.11	10.90	66.57
SQU-US	2025-07-03 12:45:00	10.65	26.99	0.38	7.09	10.89	58.31
SQU-US	2025-07-03 13:00:00	10.64	27.03	0.38	7.10	10.89	55.29
SQU-US	2025-07-03 13:15:00	10.60	26.76	0.38	7.09	10.91	55.31
SQU-US	2025-07-03 13:30:00	10.58	26.91	0.38	7.11	10.89	65.80
SQU-US	2025-07-03 13:45:00	10.56	27.26	0.38	7.09	10.90	57.02
SQU-US	2025-07-03 14:00:00	10.55	27.56	0.38	7.10	10.91	53.27
SQU-US	2025-07-03 14:15:00	10.57	27.50	0.38	7.08	10.91	64.92
SQU-US	2025-07-03 14:30:00	10.58	27.47	0.38	7.08	10.90	82.70
SQU-US	2025-07-03 14:45:00	10.61	27.76	0.38	7.05	10.91	54.17
SQU-US	2025-07-03 15:00:00	10.64	27.47	0.38	7.05	10.89	49.43
SQU-US	2025-07-03 15:15:00	10.71	27.05	0.38	7.06	10.90	58.43
SQU-US	2025-07-03 15:30:00	10.72	27.49	0.38	7.07	10.89	60.72
SQU-US	2025-07-03 15:45:00	10.81	28.34	0.38	7.12	10.88	68.31
SQU-US	2025-07-03 16:00:00	10.94	28.47	0.37	7.12	10.88	68.36
SQU-US	2025-07-03 16:15:00	10.98	28.82	0.38	7.06	10.87	51.50
SQU-US	2025-07-03 16:30:00	11.04	28.76	0.37	7.08	10.83	58.93
SQU-US	2025-07-03 16:45:00	11.02	27.95	0.37	7.07	10.82	62.10
SQU-US	2025-07-03 17:00:00	11.05	27.98	0.37	7.09	10.82	49.40
SQU-US	2025-07-03 17:15:00	11.15	28.04	0.37	7.07	10.81	58.46
SQU-US	2025-07-03 17:30:00	11.21	27.70	0.37	7.06	10.79	48.73

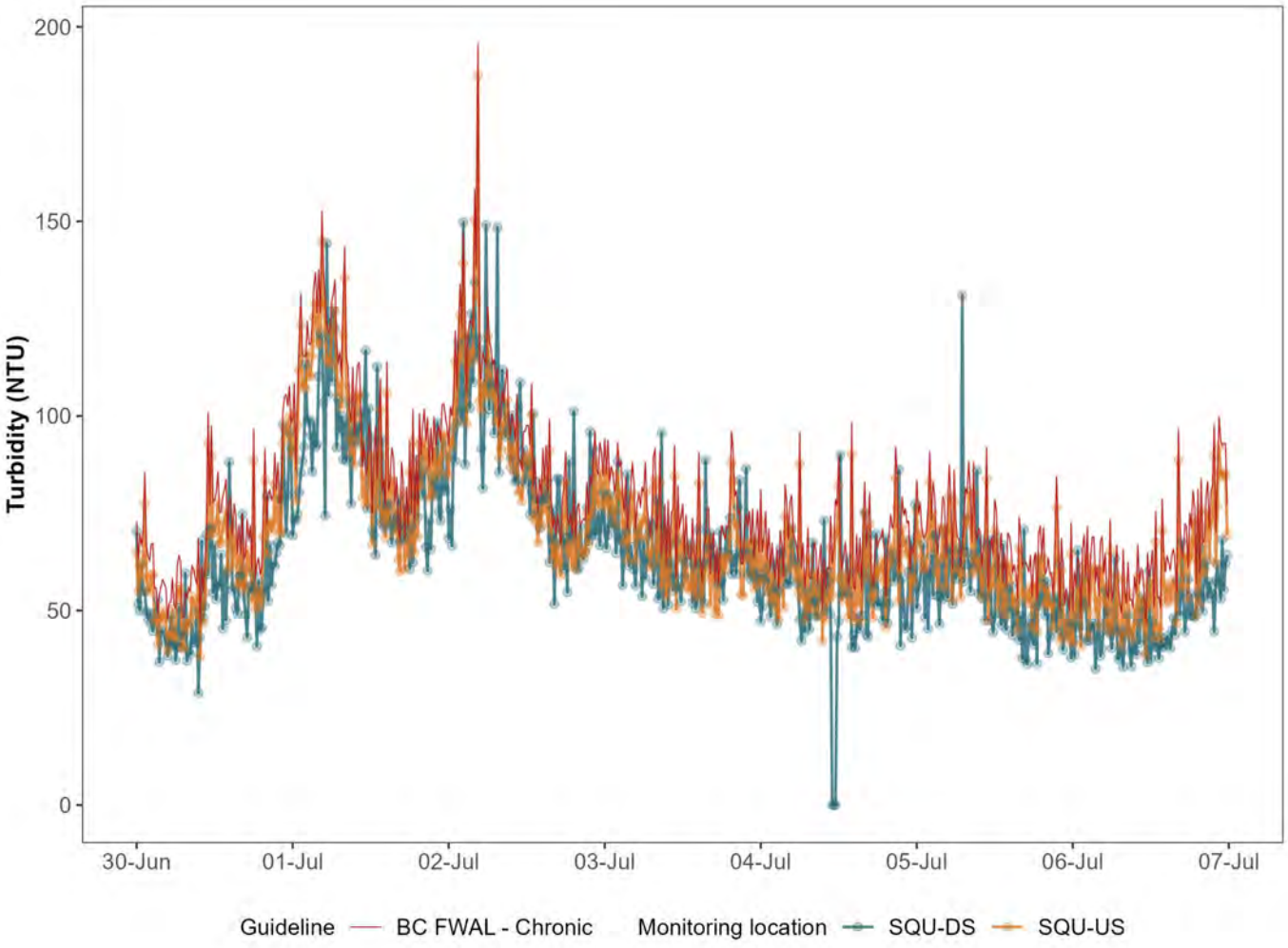
Squamish River							
Station	Date/Time	Temperature (C)	Specific Conductivity (µS/cm)	ORP (V)	pH (pH units)	Dissolved Oxygen (mg/L)	Turbidity (NTU)
SQU-US	2025-07-03 17:45:00	11.18	29.30	0.37	7.13	10.79	59.65
SQU-US	2025-07-03 18:00:00	11.17	28.61	0.37	7.07	10.79	63.92
SQU-US	2025-07-03 18:15:00	11.23	28.94	0.38	6.97	10.77	61.90
SQU-US	2025-07-03 18:30:00	11.24	29.36	0.37	7.11	10.76	60.46
SQU-US	2025-07-03 18:45:00	11.19	27.44	0.38	7.03	10.76	63.84
SQU-US	2025-07-03 19:00:00	11.13	27.11	0.37	7.15	10.78	63.51
SQU-US	2025-07-03 19:15:00	11.10	27.22	0.38	7.10	10.78	69.13
SQU-US	2025-07-03 19:30:00	11.12	27.68	0.38	7.05	10.76	87.99
SQU-US	2025-07-03 19:45:00	11.09	28.74	0.38	7.14	10.75	83.29
SQU-US	2025-07-03 20:00:00	11.06	28.65	0.38	7.15	10.76	71.34
SQU-US	2025-07-03 20:15:00	11.04	29.02	0.39	7.06	10.73	72.77
SQU-US	2025-07-03 20:30:00	11.03	29.13	0.38	7.10	10.72	66.99
SQU-US	2025-07-03 20:45:00	11.01	27.77	0.38	7.10	10.71	68.20
SQU-US	2025-07-03 21:00:00	10.99	27.51	0.38	7.11	10.70	54.10
SQU-US	2025-07-03 21:15:00	10.97	27.75	0.38	7.11	10.69	53.86
SQU-US	2025-07-03 21:30:00	10.97	27.52	0.39	7.07	10.67	63.43
SQU-US	2025-07-03 21:45:00	10.95	29.32	0.39	7.11	10.67	66.63
SQU-US	2025-07-03 22:00:00	10.93	29.04	0.39	7.04	10.68	63.40
SQU-US	2025-07-03 22:15:00	10.91	29.66	0.39	7.16	10.67	67.50
SQU-US	2025-07-03 22:30:00	10.89	29.57	0.39	7.13	10.66	59.26
SQU-US	2025-07-03 22:45:00	10.86	28.17	0.39	7.05	10.67	68.04
SQU-US	2025-07-03 23:00:00	10.84	28.24	0.39	7.11	10.67	55.73
SQU-US	2025-07-03 23:15:00	10.79	28.47	0.39	7.08	10.66	62.70
SQU-US	2025-07-03 23:30:00	10.76	28.19	0.39	7.13	10.68	67.80
SQU-US	2025-07-03 23:45:00	10.71	29.69	0.39	7.11	10.69	57.18
SQU-US	2025-07-04 00:00:00	10.67	29.65	0.39	7.09	10.68	72.97
SQU-US	2025-07-04 00:15:00	10.63	29.87	0.39	7.10	10.69	57.11
SQU-US	2025-07-04 00:30:00	10.59	30.20	0.40	7.09	10.70	60.73
SQU-US	2025-07-04 00:45:00	10.55	29.11	0.39	7.12	10.70	67.38
SQU-US	2025-07-04 01:00:00	10.52	28.82	0.39	7.12	10.70	54.85
SQU-US	2025-07-04 01:15:00	10.46	28.92	0.39	7.11	10.71	62.94
SQU-US	2025-07-04 01:30:00	10.47	28.63	0.40	7.04	10.69	52.45
SQU-US	2025-07-04 01:45:00	10.41	30.44	0.40	7.10	10.71	59.39
SQU-US	2025-07-04 02:00:00	10.39	30.51	0.39	7.14	10.70	53.13
SQU-US	2025-07-04 02:15:00	10.36	30.84	0.39	7.13	10.71	50.04
SQU-US	2025-07-04 02:30:00	10.30	30.95	0.39	7.07	10.70	57.75
SQU-US	2025-07-04 02:45:00	10.29	29.36	0.39	7.04	10.68	47.73
SQU-US	2025-07-04 03:00:00	10.24	29.92	0.39	6.96	10.66	62.51
SQU-US	2025-07-04 03:15:00	10.20	30.56	0.39	6.92	10.66	59.00
SQU-US	2025-07-04 03:30:00	10.16	30.22	0.38	6.97	10.67	50.77
SQU-US	2025-07-04 03:45:00	10.12	32.03	0.37	7.03	10.68	74.30
SQU-US	2025-07-04 04:00:00	10.07	31.77	0.37	6.98	10.69	69.85
SQU-US	2025-07-04 04:15:00	10.03	31.50	0.37	7.02	10.71	60.24
SQU-US	2025-07-04 04:30:00	9.99	31.12	0.37	7.02	10.73	70.01
SQU-US	2025-07-04 04:45:00	9.93	30.03	0.37	6.99	10.74	71.55
SQU-US	2025-07-04 05:00:00	9.90	30.02	0.37	6.99	10.77	61.98
SQU-US	2025-07-04 05:15:00	9.86	29.78	0.37	7.00	10.78	60.42
SQU-US	2025-07-04 05:30:00	9.81	29.38	0.37	7.00	10.79	58.37
SQU-US	2025-07-04 05:45:00	9.77	30.41	0.37	7.02	10.80	54.73

Squamish River							
Station	Date/Time	Temperature (C)	Specific Conductivity (µS/cm)	ORP (V)	pH (pH units)	Dissolved Oxygen (mg/L)	Turbidity (NTU)
SQU-US	2025-07-04 06:00:00	9.72	29.71	0.37	7.06	10.81	87.70
SQU-US	2025-07-04 06:15:00	9.69	29.64	0.37	7.06	10.83	52.96
SQU-US	2025-07-04 06:30:00	9.64	29.92	0.37	7.07	10.85	59.34
SQU-US	2025-07-04 06:45:00	9.61	28.12	0.38	7.03	10.87	47.73
SQU-US	2025-07-04 07:00:00	9.60	28.19	0.38	7.02	10.87	52.85
SQU-US	2025-07-04 07:15:00	9.58	27.98	0.38	6.96	10.90	63.31
SQU-US	2025-07-04 07:30:00	9.58	27.86	0.38	6.99	10.92	50.31
SQU-US	2025-07-04 07:45:00	9.56	29.57	0.39	6.90	10.94	50.48
SQU-US	2025-07-04 08:00:00	9.57	29.40	0.38	7.07	10.95	54.73
SQU-US	2025-07-04 08:15:00	9.58	29.77	0.38	7.09	10.96	59.71
SQU-US	2025-07-04 08:30:00	9.60	29.51	0.38	7.09	10.98	57.29
SQU-US	2025-07-04 08:45:00	9.61	28.25	0.37	7.07	11.00	48.77
SQU-US	2025-07-04 09:00:00	9.65	28.25	0.37	7.10	11.03	54.43
SQU-US	2025-07-04 09:15:00	9.70	28.30	0.38	7.04	11.01	59.01
SQU-US	2025-07-04 09:30:00	9.75	28.29	0.37	7.12	11.03	42.20
SQU-US	2025-07-04 09:45:00	9.80	30.02	0.37	7.07	11.02	55.55
SQU-US	2025-07-04 10:00:00	9.86	29.91	0.37	7.13	11.02	47.70
SQU-US	2025-07-04 10:15:00	9.93	29.79	0.37	7.08	11.02	53.20
SQU-US	2025-07-04 10:30:00	10.01	29.78	0.37	7.06	11.01	52.74
SQU-US	2025-07-04 10:45:00	10.10	28.74	0.37	6.99	10.99	66.19
SQU-US	2025-07-04 11:00:00	10.18	29.58	0.37	7.03	11.00	53.95
SQU-US	2025-07-04 11:15:00	10.27	29.60	0.37	7.03	11.00	58.41
SQU-US	2025-07-04 11:30:00	10.37	29.65	0.37	7.04	10.97	70.55
SQU-US	2025-07-04 11:45:00	10.50	29.92	0.37	7.06	10.93	68.84
SQU-US	2025-07-04 12:00:00	10.64	29.71	0.36	7.11	10.87	82.03
SQU-US	2025-07-04 12:15:00	10.76	30.10	0.36	7.10	10.85	57.98
SQU-US	2025-07-04 12:30:00	10.88	29.95	0.36	7.10	10.83	52.57
SQU-US	2025-07-04 12:45:00	10.99	28.42	0.37	7.03	10.82	55.78
SQU-US	2025-07-04 13:00:00	11.10	28.85	0.37	7.11	10.80	59.65
SQU-US	2025-07-04 13:15:00	11.22	28.85	0.37	7.10	10.78	54.39
SQU-US	2025-07-04 13:30:00	11.32	29.08	0.37	7.11	10.75	48.28
SQU-US	2025-07-04 13:45:00	11.44	31.11	0.37	7.11	10.77	51.66
SQU-US	2025-07-04 14:00:00	11.52	31.22	0.37	7.14	10.78	90.20
SQU-US	2025-07-04 14:15:00	11.60	31.56	0.37	7.17	10.79	48.34
SQU-US	2025-07-04 14:30:00	11.67	32.30	0.37	7.17	10.78	47.36
SQU-US	2025-07-04 14:45:00	11.73	30.71	0.36	7.19	10.77	61.56
SQU-US	2025-07-04 15:00:00	11.78	30.87	0.37	7.13	10.78	51.48
SQU-US	2025-07-04 15:15:00	11.83	31.37	0.37	7.16	10.77	60.68
SQU-US	2025-07-04 15:30:00	11.87	30.95	0.37	7.12	10.78	47.36
SQU-US	2025-07-04 15:45:00	11.93	32.60	0.37	7.13	10.75	65.12
SQU-US	2025-07-04 16:00:00	11.98	32.58	0.36	7.13	10.74	74.94
SQU-US	2025-07-04 16:15:00	12.04	32.98	0.36	7.13	10.71	58.27
SQU-US	2025-07-04 16:30:00	12.09	32.44	0.36	7.13	10.71	63.96
SQU-US	2025-07-04 16:45:00	12.13	31.04	0.36	7.15	10.70	72.18
SQU-US	2025-07-04 17:00:00	12.16	31.30	0.36	7.11	10.67	53.34
SQU-US	2025-07-04 17:15:00	12.13	30.59	0.36	7.11	10.65	48.13
SQU-US	2025-07-04 17:30:00	12.15	30.48	0.36	7.10	10.65	54.23
SQU-US	2025-07-04 17:45:00	12.18	32.02	0.37	7.12	10.63	61.27
SQU-US	2025-07-04 18:00:00	12.21	32.23	0.37	7.11	10.62	58.43

Squamish River							
Station	Date/Time	Temperature (C)	Specific Conductivity (µS/cm)	ORP (V)	pH (pH units)	Dissolved Oxygen (mg/L)	Turbidity (NTU)
SQU-US	2025-07-04 18:15:00	12.24	32.17	0.36	7.13	10.61	60.25
SQU-US	2025-07-04 18:30:00	12.24	32.07	0.37	7.14	10.60	60.72
SQU-US	2025-07-04 18:45:00	12.24	30.62	0.36	7.15	10.57	62.95
SQU-US	2025-07-04 19:00:00	12.22	30.59	0.37	7.13	10.57	57.55
SQU-US	2025-07-04 19:15:00	12.21	30.04	0.37	7.11	10.55	45.68
SQU-US	2025-07-04 19:30:00	12.19	30.85	0.37	7.11	10.52	57.49
SQU-US	2025-07-04 19:45:00	12.15	32.00	0.37	7.14	10.51	61.94
SQU-US	2025-07-04 20:00:00	12.12	32.07	0.37	7.16	10.50	66.72
SQU-US	2025-07-04 20:15:00	12.11	32.62	0.37	7.15	10.48	63.11
SQU-US	2025-07-04 20:30:00	12.10	32.49	0.37	7.15	10.47	64.79
SQU-US	2025-07-04 20:45:00	12.11	30.41	0.37	7.11	10.45	84.00
SQU-US	2025-07-04 21:00:00	12.11	31.04	0.37	7.08	10.43	76.24
SQU-US	2025-07-04 21:15:00	12.11	30.98	0.37	7.15	10.42	52.32
SQU-US	2025-07-04 21:30:00	12.12	31.15	0.37	7.16	10.41	60.80
SQU-US	2025-07-04 21:45:00	12.13	33.30	0.37	7.15	10.39	71.19
SQU-US	2025-07-04 22:00:00	12.15	32.88	0.38	7.15	10.38	66.50
SQU-US	2025-07-04 22:15:00	12.16	33.39	0.38	7.21	10.37	68.25
SQU-US	2025-07-04 22:30:00	12.19	33.10	0.38	7.13	10.36	64.39
SQU-US	2025-07-04 22:45:00	12.20	32.93	0.38	7.21	10.37	65.00
SQU-US	2025-07-04 23:00:00	12.22	32.96	0.38	7.15	10.36	52.49
SQU-US	2025-07-04 23:15:00	12.22	33.00	0.38	7.17	10.35	58.64
SQU-US	2025-07-04 23:30:00	12.20	32.81	0.38	7.20	10.36	57.08
SQU-US	2025-07-04 23:45:00	12.18	32.45	0.39	7.18	10.36	64.18
SQU-US	2025-07-05 00:00:00	12.15	32.68	0.39	7.17	10.36	75.46
SQU-US	2025-07-05 00:15:00	12.11	32.57	0.39	7.08	10.36	66.94
SQU-US	2025-07-05 00:30:00	12.06	32.59	0.38	7.18	10.37	69.77
SQU-US	2025-07-05 00:45:00	12.00	31.23	0.39	7.14	10.38	63.40
SQU-US	2025-07-05 01:00:00	11.94	31.50	0.39	7.09	10.39	60.68
SQU-US	2025-07-05 01:15:00	11.87	31.77	0.39	7.11	10.40	60.59
SQU-US	2025-07-05 01:30:00	11.81	31.83	0.39	7.13	10.40	62.41
SQU-US	2025-07-05 01:45:00	11.74	32.98	0.39	7.14	10.43	68.51
SQU-US	2025-07-05 02:00:00	11.67	33.51	0.39	7.13	10.41	82.96
SQU-US	2025-07-05 02:15:00	11.61	34.39	0.38	7.05	10.39	65.18
SQU-US	2025-07-05 02:30:00	11.55	33.92	0.37	7.08	10.39	74.84
SQU-US	2025-07-05 02:45:00	11.48	33.94	0.36	7.12	10.40	71.66
SQU-US	2025-07-05 03:00:00	11.42	33.83	0.36	7.08	10.41	59.72
SQU-US	2025-07-05 03:15:00	11.35	33.82	0.36	7.10	10.41	56.44
SQU-US	2025-07-05 03:30:00	11.29	33.49	0.36	7.07	10.44	63.28
SQU-US	2025-07-05 03:45:00	11.24	33.98	0.36	7.07	10.45	63.35
SQU-US	2025-07-05 04:00:00	11.17	33.35	0.36	7.10	10.48	71.20
SQU-US	2025-07-05 04:15:00	11.13	32.94	0.36	7.08	10.49	70.31
SQU-US	2025-07-05 04:30:00	11.06	33.06	0.36	7.08	10.52	55.70
SQU-US	2025-07-05 04:45:00	11.00	31.57	0.36	7.12	10.54	67.33
SQU-US	2025-07-05 05:00:00	10.93	31.26	0.37	7.06	10.56	79.48
SQU-US	2025-07-05 05:15:00	10.86	30.96	0.37	7.09	10.58	70.07
SQU-US	2025-07-05 05:30:00	10.80	30.96	0.37	7.07	10.59	52.69
SQU-US	2025-07-05 05:45:00	10.75	31.28	0.37	7.06	10.60	78.09
SQU-US	2025-07-05 06:00:00	10.71	31.26	0.37	7.09	10.62	65.31
SQU-US	2025-07-05 06:15:00	10.67	31.06	0.37	7.05	10.63	60.73

Squamish River							
Station	Date/Time	Temperature (C)	Specific Conductivity (µS/cm)	ORP (V)	pH (pH units)	Dissolved Oxygen (mg/L)	Turbidity (NTU)
SQU-US	2025-07-05 06:30:00	10.64	30.99	0.38	7.06	10.65	60.46
SQU-US	2025-07-05 06:45:00	10.61	29.52	0.37	7.06	10.66	53.33
SQU-US	2025-07-05 07:00:00	10.58	29.09	0.37	7.09	10.69	59.11
SQU-US	2025-07-05 07:15:00	10.53	29.23	0.38	7.03	10.72	64.24
SQU-US	2025-07-05 07:30:00	10.52	29.10	0.38	7.08	10.72	73.41
SQU-US	2025-07-05 07:45:00	10.51	30.57	0.38	7.08	10.75	72.17
SQU-US	2025-07-05 08:00:00	10.51	30.42	0.38	7.12	10.77	80.27
SQU-US	2025-07-05 08:15:00	10.52	30.37	0.38	7.11	10.76	73.12
SQU-US	2025-07-05 08:30:00	10.54	30.26	0.37	7.13	10.77	59.54
SQU-US	2025-07-05 08:45:00	10.57	28.91	0.37	7.07	10.78	80.06
SQU-US	2025-07-05 09:00:00	10.60	28.58	0.37	7.08	10.79	62.50
SQU-US	2025-07-05 09:15:00	10.61	28.75	0.38	7.04	10.81	60.03
SQU-US	2025-07-05 09:30:00	10.61	28.75	0.37	7.11	10.82	63.11
SQU-US	2025-07-05 09:45:00	10.66	29.93	0.37	7.12	10.84	62.41
SQU-US	2025-07-05 10:00:00	10.69	30.05	0.37	7.16	10.84	53.40
SQU-US	2025-07-05 10:15:00	10.78	30.01	0.37	7.13	10.82	57.97
SQU-US	2025-07-05 10:30:00	10.83	29.85	0.37	7.17	10.86	62.69
SQU-US	2025-07-05 10:45:00	10.89	28.73	0.37	7.12	10.86	83.81
SQU-US	2025-07-05 11:00:00	10.93	28.44	0.37	7.14	10.86	47.49
SQU-US	2025-07-05 11:15:00	10.96	28.45	0.37	7.11	10.86	56.43
SQU-US	2025-07-05 11:30:00	10.96	28.86	0.37	7.11	10.85	60.75
SQU-US	2025-07-05 11:45:00	10.98	29.84	0.37	7.15	10.87	56.08
SQU-US	2025-07-05 12:00:00	11.06	29.66	0.37	7.14	10.88	70.48
SQU-US	2025-07-05 12:15:00	11.14	29.70	0.37	7.17	10.88	67.72
SQU-US	2025-07-05 12:30:00	11.15	29.84	0.37	7.17	10.86	50.97
SQU-US	2025-07-05 12:45:00	11.16	29.11	0.37	7.14	10.88	56.19
SQU-US	2025-07-05 13:00:00	11.18	29.32	0.37	7.11	10.85	61.86
SQU-US	2025-07-05 13:15:00	11.22	29.31	0.37	7.11	10.86	49.43
SQU-US	2025-07-05 13:30:00	11.27	29.07	0.37	7.14	10.86	56.95
SQU-US	2025-07-05 13:45:00	11.30	30.05	0.37	7.15	10.85	48.72
SQU-US	2025-07-05 14:00:00	11.31	30.15	0.37	7.20	10.85	61.94
SQU-US	2025-07-05 14:15:00	11.33	30.61	0.37	7.17	10.83	61.19
SQU-US	2025-07-05 14:30:00	11.34	30.45	0.37	7.16	10.85	58.13
SQU-US	2025-07-05 14:45:00	11.35	29.26	0.37	7.11	10.85	51.52
SQU-US	2025-07-05 15:00:00	11.37	29.35	0.37	7.18	10.84	53.72
SQU-US	2025-07-05 15:15:00	11.39	29.36	0.37	7.20	10.86	51.46
SQU-US	2025-07-05 15:30:00	11.42	29.18	0.37	7.18	10.84	44.97
SQU-US	2025-07-05 15:45:00	11.46	30.66	0.38	7.19	10.84	65.92
SQU-US	2025-07-05 16:00:00	11.50	30.58	0.37	7.24	10.83	61.20
SQU-US	2025-07-05 16:15:00	11.55	31.05	0.37	7.20	10.83	53.39
SQU-US	2025-07-05 16:30:00	11.57	31.08	0.37	7.19	10.82	54.73
SQU-US	2025-07-05 16:45:00	11.60	31.02	0.37	7.17	10.82	54.53
SQU-US	2025-07-05 17:00:00	11.62	31.35	0.37	7.15	10.80	53.50
SQU-US	2025-07-05 17:15:00	11.64	31.56	0.37	7.18	10.77	51.91
SQU-US	2025-07-05 17:30:00	11.64	32.03	0.37	7.11	10.76	56.20
SQU-US	2025-07-05 17:45:00	11.63	32.14	0.37	7.14	10.74	45.77
SQU-US	2025-07-05 18:00:00	11.63	31.99	0.36	7.17	10.74	54.80
SQU-US	2025-07-05 18:15:00	11.59	32.05	0.36	7.19	10.73	56.93
SQU-US	2025-07-05 18:30:00	11.59	32.00	0.36	7.19	10.73	44.45

Squamish River							
Station	Date/Time	Temperature (C)	Specific Conductivity (µS/cm)	ORP (V)	pH (pH units)	Dissolved Oxygen (mg/L)	Turbidity (NTU)
SQU-US	2025-07-05 18:45:00	11.57	31.07	0.36	7.12	10.71	62.03
SQU-US	2025-07-05 19:00:00	11.54	30.28	0.36	7.07	10.69	63.73
SQU-US	2025-07-05 19:15:00	11.51	30.78	0.36	7.07	10.68	55.94
SQU-US	2025-07-05 19:30:00	11.49	31.02	0.36	7.09	10.68	63.31
SQU-US	2025-07-05 19:45:00	11.44	33.29	0.36	7.09	10.65	51.37
SQU-US	2025-07-05 20:00:00	11.38	33.28	0.36	7.13	10.66	52.25
SQU-US	2025-07-05 20:15:00	11.34	34.13	0.36	7.14	10.63	55.41
SQU-US	2025-07-05 20:30:00	11.29	33.42	0.36	7.13	10.64	51.09
SQU-US	2025-07-05 20:45:00	11.24	33.33	0.36	7.05	10.63	51.64
SQU-US	2025-07-05 21:00:00	11.21	33.96	0.36	7.04	10.61	45.50
SQU-US	2025-07-05 21:15:00	11.17	33.76	0.36	7.06	10.64	58.76
SQU-US	2025-07-05 21:30:00	11.12	33.61	0.36	7.02	10.61	76.45
SQU-US	2025-07-05 21:45:00	11.08	33.96	0.36	7.08	10.61	63.47
SQU-US	2025-07-05 22:00:00	11.04	34.16	0.36	7.13	10.60	42.24
SQU-US	2025-07-05 22:15:00	11.00	34.07	0.36	7.09	10.62	60.52
SQU-US	2025-07-05 22:30:00	10.96	34.25	0.36	7.11	10.60	53.10
SQU-US	2025-07-05 22:45:00	10.92	32.72	0.36	7.12	10.63	43.55
SQU-US	2025-07-05 23:00:00	10.89	32.56	0.36	7.10	10.61	47.64
SQU-US	2025-07-05 23:15:00	10.86	33.13	0.37	7.11	10.61	44.26
SQU-US	2025-07-05 23:30:00	10.81	32.70	0.37	7.14	10.62	42.08
SQU-US	2025-07-05 23:45:00	10.78	33.57	0.37	7.10	10.64	64.57
SQU-US	2025-07-06 00:00:00	10.74	33.36	0.37	7.14	10.65	41.71
SQU-US	2025-07-06 00:15:00	10.71	33.03	0.37	7.12	10.65	52.12
SQU-US	2025-07-06 00:30:00	10.65	33.12	0.37	7.11	10.68	48.09
SQU-US	2025-07-06 00:45:00	10.61	31.63	0.37	7.15	10.67	55.59
SQU-US	2025-07-06 01:00:00	10.56	31.25	0.37	7.13	10.70	54.16
SQU-US	2025-07-06 01:15:00	10.52	31.46	0.38	7.12	10.71	40.77
SQU-US	2025-07-06 01:30:00	10.48	31.82	0.38	7.13	10.70	57.71
SQU-US	2025-07-06 01:45:00	10.44	33.77	0.38	7.08	10.71	61.52
SQU-US	2025-07-06 02:00:00	10.41	33.67	0.38	7.10	10.71	50.79
SQU-US	2025-07-06 02:15:00	10.38	33.64	0.37	7.09	10.71	63.45
SQU-US	2025-07-06 02:30:00	10.34	33.65	0.37	7.07	10.72	43.47
SQU-US	2025-07-06 02:45:00	10.30	32.21	0.37	7.06	10.71	55.91
SQU-US	2025-07-06 03:00:00	10.27	32.50	0.37	7.11	10.71	60.88
SQU-US	2025-07-06 03:15:00	10.24	32.66	0.37	7.10	10.72	60.85
SQU-US	2025-07-06 03:30:00	10.21	32.17	0.37	7.09	10.72	49.36
SQU-US	2025-07-06 03:45:00	10.18	33.85	0.37	7.05	10.73	53.25
SQU-US	2025-07-06 04:00:00	10.16	33.94	0.37		10.73	45.86
SQU-US	2025-07-06 04:15:00	10.13	33.97	0.37	7.07	10.73	59.58
SQU-US	2025-07-06 04:30:00	10.09	33.62	0.37	7.09	10.75	61.00
SQU-US	2025-07-06 04:45:00	10.07	31.98	0.37	7.07	10.76	51.61
SQU-US	2025-07-06 05:00:00	10.03	31.57	0.37	7.09	10.77	56.69
SQU-US	2025-07-06 05:15:00	10.01	31.52	0.37	7.06	10.78	46.65
SQU-US	2025-07-06 05:30:00	9.98	31.46	0.37	7.07	10.79	44.82
SQU-US	2025-07-06 05:45:00	9.95	32.62	0.38	7.04	10.78	65.30
SQU-US	2025-07-06 06:00:00	9.92	32.67	0.37	7.08	10.81	44.59


Turbidity (NTU)
200
150
100
50
0
30-Jun
01-Jul
02-Jul
03-Jul
04-Jul
05-Jul
06-Jul
07-Jul
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 [1]	WLNG EOP 2025-07-02[2]
In situ Parameters			
Field pH	**pH Units**	6.5 - 9	**5.94**
Field Temperature	**°C**	19	12.7
General Parameters			
pH	**pH Units**		7.22
Alkalinity (Total as $CaCO_3$)	**mg/L**		44
Alkalinity (PP as $CaCO_3$)	**mg/L**		<1
Hardness ($CaCO_3$)-Total	**mg/L**		47.8
Hardness ($CaCO_3$)-Dissolved	**mg/L**		50.9
Sulphide-Total	**mg/L**		0.0052
Sulphide (as H2S)	**mg/L**		0.0056
Un-ionized Hydrogen Sulfide as H2S-Total	**mg/L**		0.0052
Un-ionized Hydrogen Sulfide as S-Total	**mg/L**		0.0049
Anions and Nutrients			
Ammonia (N)-Total	**mg/L**	24.8	<0.015
Bicarbonate (HCO_3)	**mg/L**		54
Carbonate (CO_3)	**mg/L**		<1
Hydroxide (OH)	**mg/L**		<1
Nitrate (N)	**mg/L**	32.8	<0.02
Nitrite (N)	**mg/L**	0.6	<0.005
Nitrate plus Nitrite (N)	**mg/L**		<0.02
Nitrogen (N)-Total	**mg/L**		0.157
Phosphorus (P)-Total (4500-P)	**mg/L**		0.0037
Bromide (Br)	**mg/L**		<0.01
Chloride (Cl)	**mg/L**	600	12
Fluoride (F)	**mg/L**	1.037	0.14
Sulphate (SO_4)-Dissolved	**mg/L**		8.1
Total Metals			
Aluminum (Al)-Total	**mg/L**		0.0972
Antimony (Sb)-Total	**mg/L**	0.25	0.000236
Arsenic (As)-Total	**mg/L**		0.00131
Barium (Ba)-Total	**mg/L**		0.00607
Beryllium (Be)-Total	**mg/L**		<0.00001
Bismuth (Bi)-Total	**mg/L**		<0.00001
Boron (B)-Total	**mg/L**		0.014
Cadmium (Cd)-Total	**mg/L**		0.0000149
Calcium (Ca)-Total	**mg/L**		17.9
Cesium (Cs)-Total	**mg/L**		<0.00005
Chromium (Cr)-Total	**mg/L**		<0.0001

Analyte	Unit	BC Approved Water Quality Guideline - Freshwater Aquatic Life - Short Term Max [1]	WLNG EOP 2025-07-02[2]
Chromium (Cr III)-Total	**mg/L**		<0.00099
Chromium (Cr VI)-Total	**mg/L**		<0.00099
Cobalt (Co)-Total	**mg/L**	0.11	0.000108
Copper (Cu)-Total	**mg/L**		0.00033
Iron (Fe)-Total	**mg/L**	1	0.0135
Lead (Pb)-Total	**mg/L**		0.00003
Lithium (Li)-Total	**mg/L**		0.00229
Magnesium (Mg)-Total	**mg/L**		0.75
Manganese (Mn)-Total	**mg/L**	1.067	0.0529
Mercury (Hg)-Total	**mg/L**		<0.0000019
Molybdenum (Mo)-Total	**mg/L**	46	0.0153
Nickel (Ni)-Total	**mg/L**		0.00014
Phosphorus (P)-Total (ICPMS)	**mg/L**		<0.005
Potassium (K)-Total	**mg/L**		1.25
Rubidium (Rb)-Total	**mg/L**		0.0025
Selenium (Se)-Total	**mg/L**		<0.00004
Silicon (Si)-Total	**mg/L**		5.62
Silver (Ag)-Total	**mg/L**		<0.00001
Sodium (Na)-Total	**mg/L**		4.88
Strontium (Sr)-Total	**mg/L**		0.0418
Sulphur (S)-Total	**mg/L**		<3
Tellurium (Te)-Total	**mg/L**		<0.00002
Thallium (Tl)-Total	**mg/L**		0.000014
Thorium (Th)-Total	**mg/L**		<0.00005
Tin (Sn)-Total	**mg/L**		<0.0002
Titanium (Ti)-Total	**mg/L**		<0.002
Uranium (U)-Total	**mg/L**	0.0165	0.000282
Vanadium (V)-Total	**mg/L**		<0.0002
Zinc (Zn)-Total	**mg/L**		0.0029
Zirconium (Zr)-Total	**mg/L**		<0.0001
Dissolved Metals			
Aluminum (Al)-Dissolved	**mg/L**		0.0312
Antimony (Sb)-Dissolved	**mg/L**		0.000258
Arsenic (As)-Dissolved	**mg/L**		0.00128
Barium (Ba)-Dissolved	**mg/L**		0.00658
Beryllium (Be)-Dissolved	**mg/L**		<0.00001
Bismuth (Bi)-Dissolved	**mg/L**		<0.000005
Boron (B)-Dissolved	**mg/L**		0.015
Cadmium (Cd)-Dissolved	**mg/L**	0.000275	0.0000164
Calcium (Ca)-Dissolved	**mg/L**		19.1
Cesium (Cs)-Dissolved	**mg/L**		<0.00005
Chromium (Cr)-Dissolved	**mg/L**		<0.0001
Cobalt (Co)-Dissolved	**mg/L**		0.000112

Analyte	Unit	BC Approved Water Quality Guideline - Freshwater Aquatic Life - Short Term Max [1]	WLNG EOP 2025-07-02[2]
Copper (Cu)-Dissolved	**mg/L**	0.0002	**0.000264**
Iron (Fe)-Dissolved	**mg/L**	0.35	<0.001
Lead (Pb)-Dissolved	**mg/L**		<0.000005
Lithium (Li)-Dissolved	**mg/L**		0.00244
Manganese (Mn)-Dissolved	**mg/L**		0.0592
Magnesium (Mg)-Dissolved	**mg/L**		0.798
Mercury (Hg)-Dissolved	**mg/L**		<0.0000019
Molybdenum (Mo)-Dissolved	**mg/L**		0.0163
Nickel (Ni)-Dissolved	**mg/L**	0.018	0.000152
Phosphorus (P)-Dissolved	**mg/L**		0.0028
Potassium (K)-Dissolved	**mg/L**		1.51
Rubidium (Rb)-Dissolved	**mg/L**		0.00283
Selenium (Se)-Dissolved	**mg/L**		<0.00004
Silicon (Si)-Dissolved	**mg/L**		5.52
Silver (Ag)-Dissolved	**mg/L**		<0.000005
Sodium (Na)-Dissolved	**mg/L**		5.53
Strontium (Sr)-Dissolved	**mg/L**		0.0437
Sulphur (S)-Dissolved	**mg/L**		<3
Tellurium (Te)-Dissolved	**mg/L**		<0.00002
Thallium (Tl)-Dissolved	**mg/L**		0.0000132
Thorium (Th)-Dissolved	**mg/L**		<0.000005
Tin (Sn)-Dissolved	**mg/L**		<0.0002
Titanium (Ti)-Dissolved	**mg/L**		<0.0005
Uranium (U)-Dissolved	**mg/L**		0.000223
Vanadium (V)-Dissolved	**mg/L**		<0.0002
Zinc (Zn)-Dissolved	**mg/L**	0.02215	0.0027
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	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
Acenaphthylene	**mg/L**		<0.00005

Analyte	Unit	BC Approved Water Quality Guideline - Freshwater Aquatic Life - Short Term Max [1]	WLNG EOP 2025-07-02[2]
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
Bromobenzene	**mg/L**		<0.002
Bromodichloromethane	**mg/L**		<0.001

Analyte	Unit	BC Approved Water Quality Guideline - Freshwater Aquatic Life - Short Term Max [1]	WLNG EOP 2025-07-02[2]
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**		0.005
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	0.002
Acute Toxicity Tests			
Rainbow Trout 48-hr LC50 bioassay [3]	**% vol/vol**		>100%

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

[2] **Bold text** denotes value exceeding guidelines. Note: Not all exceedances are project related.

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

RESULTS OF RAINBOW TROUT LC50 MULTI-CONCENTRATION

Client : 12239 Fortis BC Energy Inc, Surrey Job Number: C558942

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-DS Sample Matrix : Water

Description: CLEAR COLORLESS Sample Number: DOF843-15

Sample Collected: Jul 02, 2025 Sampling Method : N/A Site Collection: N/A

Sample Collected By: N/A Volume Received: 40 L Avg Temp Arrival: 13 °C Storage: 2-6°C

Sample Received: Jul 02, 2025 05:00 PM pH: 6.8 Dissolved Oxygen: 9.5 mg/L

Analysis Start : Jul 06, 2025 09:35 AM Temperature : 14 °C Sample Conductance: 154 µS/cm

Concentration	Temperature (°C)	pH (pH)	Conductivity (uS/cm)	Dissolved Oxygen (mg/L)	Mortality (#)	Mortality (%)	Atypical Behaviour (#)	Atypical Behaviour (%)	Mortality (#)	Mortality (%)	Atypical Behaviour (#)	Atypical Behaviour (%)
% vol/vol	Start	Start	Start	Start	24 hrs	24 hrs	24 hrs	24 hrs	48 hrs	48 hrs	48 hrs	48 hrs
0	15	7.9	406	8.8	0	0	0	0	0	0	0	0
6.25	14	7.5	392	8.8	0	0	0	0	0	0	0	0
12.5	14	7.7	375	8.8	0	0	0	0	0	0	0	0
25	15	7.5	338	8.6	0	0	0	0	0	0	0	0
50	14	7.5	295	8.7	0	0	0	0	0	0	0	0
100	14	7.5	155	9.0	0	0	0	0	0	0	0	0

Concentration	Mortality (#)	Mortality (%)	Atypical Behaviour (#)	Atypical Behaviour (%)	Temperature (°C)	pH (pH)	Conductivity (uS/cm)	Dissolved Oxygen (mg/L)	Mortality (#)	Mortality (%)	Atypical Behaviour (#)	Atypical Behaviour (%)
% vol/vol	72 hrs	72 hrs	72 hrs	72 hrs	96 hrs	96 hr	96 hrs	96 hrs	96 hrs	96 hrs	96 hrs	96 hrs
0	0	0	0	0	14	8.0	411	8.9	0	0	0	0
6.25	0	0	0	0	14	8.1	396	9.0	0	0	0	0
12.5	0	0	0	0	14	8.0	378	9.0	0	0	0	0
25	0	0	0	0	14	8.0	342	9.0	0	0	0	0
50	0	0	0	0	14	8.0	299	9.0	0	0	0	0
100	0	0	0	0	14	7.8	159	8.9	0	0	0	0

Comments : None

Culture/Control/Dilution Water City of Edmonton dechlorinated tap water

Hardness: 170 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 :	30 min.	Rate of Aeration	6.5±1 mL/ (min*L)
Test Volume :	20 L	Vessel Volume :	38L	Test pH Adjusted:	No
Loading Density :	0.4 g/L	Photoperiod :	16:8 (light: dark)		

Test Organism : Rainbow Trout *(Oncorhynchus mykiss)* Source : LSL Trout Hatchery

Culture Temperature :	15 ± 2 °C	Weight (Mean) +- SD :	0.7 ± 0.1 g	Length (Mean) +- SD :	4.70 ± 0.31 cm
Culture Water Renewal :	≥ 1.0 L/min/kg fish	Weight (Range) :	0.5 – 0.9 g	Length (Range) :	4.00 – 5.10 cm
Culture Photoperiod :	16:8 (light: dark)			% Mortality within 7 days :	0%
Feeding rate and frequency :	daily: 1-5% biomass of trout.			Acclimation Time:	>14 days

Reference chemical: Phenol Test Date: Jun 28, 2025

Test Endpoint 96 hrs LC50 (95% confidence interval) : 7.68 (<7.59, 8.46)mg/L Statistical Method : Probit

Historical Mean LC50 (warning limits) : 8.60 (6.54, 11.3) mg/L Concentration : 0,7.59,9.15,11,13.3,16 mg/L

RESULTS OF RAINBOW TROUT LC50 MULTI-CONCENTRATION

Client : 12239 Fortis BC Energy Inc, Surrey | Job Number: C558942

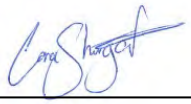
Client Project Name & Number: WOODFIBRE PIPELINE PROJECT FORTIS11234/PE-110163 | Sample Number: DOF843-15

Test Method EPS 1/RM/13

Method Deviations : None

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

Analyst : Cara Shurgot, Marina Lazic, Sean Norris, Tami Horvath



Verified By : Cara Shurgot, Analyst 2 Date: Jul 16, 2025 11:11 AM

Woodfibre Site WTP Discharge Field Notes and Logs

Water Quality Field Data Sheet

Hatfield

Project: FORTIS11234

Location Information

Site ID: WLNO.DS
Site Name: WLNO
Site UTM: Zone: E:
(NAD83) N:
Date: 20250702
Time: 09:25
Crew: Adam F
Weather: (Clear) Foggy Cloudy Rain Snow Windy

In Situ Parameters

pH: 6.96
Temp.: 12.8 (°C)
Turbidity: 6.14 NTU
DO: 2.12 (mg/L)
Cond: 214.4 (us) (SPC)

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

Photo Record

Photo

Photo

Photo

Observations

(big longer)
High concentration of sediment seen in the water (visible)

Location Information

Site ID:
Site Name:
Site UTM: Zone: E:
(NAD83) N:
Date:
Time:
Crew:
Weather: Clear Foggy Cloudy Rain Snow Windy

In Situ Parameters

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

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

Water Quality Field Data Sheet

Hatfield

Project: FORTIS11234

Location Information

Site ID: Duplicate (DUP)
Site Name: —
Site UTM: Zone: E:
(NAD83) N:
Date: 20250702
Time: 09:15
Crew: Arian F
Weather: (Clear) Foggy Cloudy Rain Snow Windy

In Situ Parameters

pH: 6.94
Temp.: 12.1 (°C)
Turbidity: 8.43 NTU
DO: 2.76 (mg/L)
Cond: 214.4 (us) (SPC)

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

Photo Record

Photo

Photo

Photo

Observations

Location Information

Site ID:
Site Name:
Site UTM: Zone: E:
(NAD83) N:
Date:
Time:
Crew:
Weather: Clear Foggy Cloudy Rain Snow Windy

In Situ Parameters

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

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

Water Quality Field Data Sheet

Hatfield

Project: FORTIS11234

Location Information

Site ID: WLNG EOP
Site Name: WLNG
Site UTM: Zone: E:
(NAD83) N:
Date: 2025 07 02
Time: 09:00
Crew: Aman F.
Weather: (Clear) Foggy Cloudy Rain Snow Windy

In Situ Parameters

pH: 6.94
Temp.: 12.7 (°C)
Turbidity: 8.43 NTU
DO: 1.76 (mg/L)
Cond: 211.4 (us) (SPC)
Visible Sheen: Y/N/NA
Water Surface Condition: (Clear) Turbid Foaming Ice (NA)

Photo Record

Photo

Photo

Photo

Observations

Location Information

Site ID:
Site Name:
Site UTM: Zone: E:
(NAD83) N:
Date:
Time:
Crew:
Weather: Clear Foggy Cloudy Rain Snow Windy

In Situ Parameters

pH:
Temp.: (°C)
Turbidity: NTU
DO: (mg/L)
Cond: (us)
Visible Sheen: Y / N
Water Surface Condition: Clear Turbid Foaming Ice

Water Quality Field Data Sheet

Hatfield

Project: FORTIS11234

Location Information

Site ID: WLNO US

Site Name: WLNO

Site UTM: Zone: E

(NAD83) N

Date: 20250702

Time: 09:45

Crew: Brian F

Weather: Clear Foggy Cloudy Rain Snow Windy

In Situ Parameters

pH: 7.11

Temp: 14.9 (°C)

Turbidity: 0.010 NTU

DO: 2.18 (mg/L)

Cond: 97.8 (uS/cm) (SPC)

Visible Sheen: Y/N

Water Surface Condition: Clear Turbid Foaming Ice

Photo Record

Photo

Photo

Photo

Photo

low flow and low waterlevel

Location Information

Site ID: 2

Site Name:

Site UTM: Zone: E

(NAD83) N

Date:

Time:

Crew:

Weather: Clear Foggy Cloudy Rain Snow Windy

In Situ Parameters

pH:

Temp: (°C)

Turbidity: NTU

DO: (mg/L)

Cond: (uS/cm)

Visible Sheen: Y/N

Clear Turbid Foaming Ice

FRONTIER-KEMPER MICHELS® joint venture		Eagle Mountain- Woodfibre Gas Pipeline Project- Tunnel Scope	
Title	**WoodFibre Weekly Water Discharge Report**	**Revision:**	**0**
Data Date Range	**June 30, 2025 to July 06, 2025**	**Prepared by:** **Approved by:** **Date:**	**SD** **BC2** **July 14, 2025**

Table of Contents:

1. Executive Summary and Field Notes:

The discharged water consistently remained within regulatory guidelines. The key parameters, including temperature, pH, NTU, salinity, conductivity, and oxidation-reduction potential (ORP), were monitored throughout the discharge process and remained within the prescribed limits. No visible sheen observed on top of the WTP tanks and discharged water. All relevant parameters were measured using YSI instruments and WTP probes. The total discharge volume up to June 30 was 374,757 m^3.

Daily Volume Summary:

Table 1: Discharge Volumes Daily Summary

Date	Location	Volume (m3)	Comments
June 30	Woodfibre (WF)	2,137	Exceeded discharge volume limit
July 01	WF	2,218	Exceeded discharge volume limit
July 02	WF	2,288	Exceeded discharge volume limit
July 03	WF	2,159	Exceeded discharge volume limit
July 04	WF	2,226	Exceeded discharge volume limit
July 05	WF	2,153	Exceeded discharge volume limit
July 06	WF	2,215	Exceeded discharge volume limit
	Total	15,396	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)
6/30/2025	0:00:00	7.7	1.904	2.2	374,757	13.7	284
6/30/2025	0:15:00	7.4	2.396	1.9	374,792	13.6	284
6/30/2025	0:30:00	7.2	2.377	2.4	374,827	13.6	288
6/30/2025	0:45:00	7.1	0.250	1.3	374,851	14.2	116
6/30/2025	1:00:00	6.9	2.411	1.7	374,884	13.6	289
6/30/2025	1:15:00	6.9	1.749	3.3	374,915	13.6	291
6/30/2025	1:30:00	6.9	2.733	2.2	374,951	13.5	288
6/30/2025	1:45:00	7	2.737	1.6	374,975	13.4	281
6/30/2025	3:00:00	7.6	2.176	5.7	375,019	13.5	279
6/30/2025	3:30:00	7.1	2.740	2.6	375,083	13.5	286
6/30/2025	3:45:00	7	2.748	4.2	375,115	13.8	293
6/30/2025	4:15:00	7.3	2.203	9.9	375,169	14.4	292
6/30/2025	4:30:00	7.4	2.812	10.8	375,187	14.7	292
6/30/2025	4:45:00	7.6	1.896	16.3	375,221	14.8	292
6/30/2025	5:00:00	7.6	2.532	0	375,255	15.2	292
6/30/2025	5:15:00	7.7	2.547	1.4	375,291	16	292
6/30/2025	5:30:00	7.8	2.566	2.7	375,310	16.9	294
6/30/2025	6:15:00	7.6	2.453	4.6	375,364	14.2	281
6/30/2025	6:30:00	7.6	2.422	3	375,385	14	281
6/30/2025	6:45:00	7.6	1.908	2.5	375,416	14.8	281
6/30/2025	7:00:00	7.6	2.475	1.7	375,451	13.7	279

FRONTIER-KEMPER MICHELS® joint venture		Eagle Mountain- Woodfibre Gas Pipeline Project- Tunnel Scope	
Title	**WoodFibre Weekly Water Discharge Report**	**Revision:**	**0**
Data Date Range	**June 30, 2025 to July 06, 2025**	**Prepared by:** **Approved by:** **Date:**	**SD** **BC2** **July 14, 2025**

Date	Time	Discharge pH	Flow Rate (m3)	Discharge NTU	Flow Total (m3)	Discharge Temperature (°C)	Discharge Conductivity (uS/cm)
6/30/2025	7:15:00	7.6	2.483	0.9	375,491	13.6	277
6/30/2025	7:30:00	7.6	2.816	1.3	375,511	14.2	274
6/30/2025	7:45:00	7.6	2.801	0.9	375,553	13.2	272
6/30/2025	8:00:00	7.6	2.207	2.1	375,593	13.1	272
6/30/2025	8:15:00	7.6	2.585	1.1	375,615	13.1	266
6/30/2025	8:30:00	7.6	2.555	0.8	375,653	13	267
6/30/2025	9:00:00	7.6	2.525	0.9	375,710	13.1	264
6/30/2025	9:15:00	7.6	2.536	1.7	375,734	13.2	265
6/30/2025	9:30:00	7.6	2.540	3	375,766	13.3	265
6/30/2025	10:00:00	7.6	1.991	0.8	375,827	13.4	267
6/30/2025	10:15:00	7.6	2.559	0.9	375,861	13.5	267
6/30/2025	10:30:00	7.6	2.544	0.7	375,899	13.5	267
6/30/2025	10:45:00	7.6	1.938	2	375,918	13.8	267
6/30/2025	11:00:00	7.5	2.559	1.4	375,954	13.6	267
6/30/2025	11:15:00	7.5	2.562	1.4	375,975	14.1	267
6/30/2025	11:45:00	7.5	2.562	2.6	376,007	14.3	265
6/30/2025	12:00:00	7.5	2.002	1.5	376,045	13.8	267
6/30/2025	12:15:00	7.5	2.566	0.7	376,066	13.9	266
6/30/2025	12:30:00	7.5	2.562	2.5	376,104	13.8	266
6/30/2025	12:45:00	7.5	1.998	3.7	376,138	14.1	266
6/30/2025	13:00:00	7.6	2.525	2.3	376,159	14.6	266
6/30/2025	13:30:00	7.6	2.559	1.9	376,211	14.2	267
6/30/2025	14:00:00	7.6	1.998	1.6	376,269	14.1	266
6/30/2025	14:30:00	7.6	2.562	2	376,327	14.1	267
6/30/2025	14:45:00	7.6	2.014	4.9	376,362	14.4	267

Date	Time	Discharge pH	Flow Rate (m3)	Discharge NTU	Flow Total (m3)	Discharge Temperature (°C)	Discharge Conductivity (uS/cm)
6/30/2025	15:00:00	7.6	2.547	0.8	376,396	14.4	269
6/30/2025	15:15:00	7.5	2.581	1.5	376,421	14.5	269
6/30/2025	15:30:00	7.5	2.570	2.8	376,454	14.5	269
6/30/2025	16:00:00	7.5	2.017	3.9	376,510	14.5	269
6/30/2025	16:15:00	7.5	2.547	2.9	376,544	14.3	269
6/30/2025	16:30:00	7.5	2.578	2.3	376,568	14.3	267
6/30/2025	16:45:00	7.5	2.014	2.1	376,603	14.4	266
6/30/2025	17:15:00	7.5	2.555	1.7	376,664	14.3	266
6/30/2025	17:45:00	7.4	2.070	1.1	376,720	14.3	266
6/30/2025	18:15:00	7.4	2.566	1.8	376,778	14	266
6/30/2025	19:00:00	7.4	2.555	0.9	376,842	13.8	266
6/30/2025	19:15:00	7.4	2.551	0.7	376,878	13.6	266
6/30/2025	19:30:00	7.4	2.566	0.8	376,898	13.7	266
6/30/2025	19:45:00	7.4	2.547	0.7	376,936	13.5	264
6/30/2025	20:00:00	7.4	2.010	2.1	376,958	13.6	264
6/30/2025	20:15:00	7.4	2.551	1.8	376,992	13.4	264
6/30/2025	20:30:00	7.4	2.547	1.1	377,016	13.4	263
6/30/2025	21:00:00	7.4	2.559	1.6	377,063	13.3	263
6/30/2025	21:15:00	7.4	2.199	1.4	377,100	13.3	265
6/30/2025	21:45:00	7.4	2.555	0.6	377,157	13.3	265
6/30/2025	22:15:00	7.4	2.559	0.3	377,209	13.4	263
6/30/2025	22:30:00	7.4	2.532	0.4	377,247	13.4	265
6/30/2025	22:45:00	7.4	2.014	0.5	377,267	13.6	265
6/30/2025	23:00:00	7.4	2.566	1.2	377,305	13.4	265
6/30/2025	23:15:00	7.4	2.551	0.9	377,343	13.4	265

FRONTIER-KEMPER MICHELS® joint venture		Eagle Mountain- Woodfibre Gas Pipeline Project- Tunnel Scope	
Title	**WoodFibre Weekly Water Discharge Report**	**Revision:**	**0**
Data Date Range	**June 30, 2025 to July 06, 2025**	**Prepared by:** **Approved by:** **Date:**	**SD** **BC2** **July 14, 2025**

Date	Time	Discharge pH	Flow Rate (m3)	Discharge NTU	Flow Total (m3)	Discharge Temperature (°C)	Discharge Conductivity (uS/cm)
6/30/2025	23:45:00	7.4	2.562	1.7	377,395	13.5	267
7/1/2025	0:00:00	7.4	2.059	1.1	377,433	13.6	267
7/1/2025	0:15:00	7.4	2.684	0.2	377,454	14	272
7/1/2025	0:30:00	7.5	2.680	0.2	377,495	13.5	273
7/1/2025	0:45:00	7.5	2.313	0.3	377,533	13.6	273
7/1/2025	1:00:00	7.5	2.896	0.3	377,575	13.5	273
7/1/2025	1:15:00	7.4	2.888	0.3	377,619	13.6	273
7/1/2025	1:45:00	7.4	2.888	0.2	377,663	13.8	273
7/1/2025	2:00:00	7.4	2.290	0.2	377,686	14.1	275
7/1/2025	2:15:00	7.4	2.903	0.4	377,708	14.2	278
7/1/2025	2:30:00	7.5	2.896	0.4	377,742	13.9	275
7/1/2025	2:45:00	7.5	2.297	0.5	377,781	13.9	275
7/1/2025	3:00:00	7.5	2.888	0.6	377,823	13.7	275
7/1/2025	3:30:00	7.6	2.896	0.4	377,857	13.7	273
7/1/2025	3:45:00	7.6	2.824	1.8	377,879	15	273
7/1/2025	4:15:00	7.5	2.861	0.5	377,936	14	272
7/1/2025	4:30:00	7.5	2.831	0.8	377,979	13.9	274
7/1/2025	4:45:00	7.5	2.154	0	378,000	15.7	119
7/1/2025	5:00:00	7.5	2.759	0	378,041	14.2	269
7/1/2025	5:15:00	7.5	2.778	0	378,063	14.2	266
7/1/2025	5:30:00	7.4	2.782	0	378,100	14.1	266
7/1/2025	5:45:00	7.4	2.411	0.1	378,141	13.9	266
7/1/2025	7:30:00	7.4	2.759	0	378,193	14.5	264
7/1/2025	8:00:00	7.4	2.101	0	378,240	13.5	267
7/1/2025	8:15:00	7.4	2.706	0.3	378,262	13.4	264

Date	Time	Discharge pH	Flow Rate (m3)	Discharge NTU	Flow Total (m3)	Discharge Temperature (°C)	Discharge Conductivity (uS/cm)
7/1/2025	8:45:00	7.4	2.127	0.5	378,321	13.4	117
7/1/2025	9:00:00	7.4	2.710	0.1	378,361	13.4	117
7/1/2025	9:15:00	7.4	2.827	0.1	378,385	13.5	117
7/1/2025	9:45:00	7.4	2.797	0.1	378,445	13.6	117
7/1/2025	10:00:00	7.4	2.203	0	378,470	14.2	117
7/1/2025	10:15:00	7.4	2.793	0	378,508	13.7	117
7/1/2025	10:30:00	7.4	2.793	0.2	378,530	13.8	117
7/1/2025	11:00:00	7.4	2.790	0.1	378,596	13.7	117
7/1/2025	11:15:00	7.4	2.767	0.1	378,637	13.7	117
7/1/2025	11:45:00	7.4	2.812	0.1	378,700	13.8	117
7/1/2025	12:00:00	7.4	2.207	1.1	378,740	13.8	117
7/1/2025	12:15:00	7.4	2.808	0.6	378,778	13.8	117
7/1/2025	12:30:00	7.4	2.774	0.6	378,820	13.7	117
7/1/2025	12:45:00	7.4	2.199	3	378,857	13.8	117
7/1/2025	13:00:00	7.4	2.793	0.8	378,898	13.7	117
7/1/2025	13:15:00	7.4	2.778	4.2	378,940	13.8	117
7/1/2025	13:30:00	7.4	2.801	1.2	378,976	13.8	117
7/1/2025	13:45:00	7.4	2.805	0.9	379,005	13.8	117
7/1/2025	14:00:00	7.4	2.176	1.3	379,027	14.7	117
7/1/2025	14:15:00	7.4	2.801	0	379,066	14	117
7/1/2025	14:45:00	7.4	2.203	0	379,113	14.1	117
7/1/2025	15:00:00	7.4	2.627	0	379,139	14.1	117
7/1/2025	15:15:00	7.4	2.604	0	379,179	14	117
7/1/2025	15:30:00	7.4	2.608	0	379,213	14	117
7/1/2025	15:45:00	7.4	2.593	0	379,252	14	117

Date	Time	Discharge pH	Flow Rate (m3)	Discharge NTU	Flow Total (m3)	Discharge Temperature (°C)	Discharge Conductivity (uS/cm)
7/1/2025	16:15:00	7.4	2.593	0	379,312	14.1	117
7/1/2025	16:45:00	7.4	2.044	0	379,367	14.4	119
7/1/2025	17:00:00	7.4	2.585	0	379,389	14.2	117
7/1/2025	17:45:00	7.4	2.597	0	379,440	14.4	267
7/1/2025	18:00:00	7.4	2.040	0	379,477	14.5	267
7/1/2025	18:15:00	7.4	2.574	0	379,513	14.3	267
7/1/2025	18:30:00	7.4	2.562	0	379,551	14.2	267
7/1/2025	18:45:00	7.4	2.033	0	379,585	14.4	267
7/1/2025	19:00:00	7.4	2.559	0	379,623	14.1	269
7/1/2025	19:15:00	7.4	2.574	0.8	379,638	14.2	267
7/1/2025	19:30:00	7.4	2.570	0	379,671	14.2	267
7/1/2025	19:45:00	7.4	2.578	0.5	379,696	14.3	269
7/1/2025	20:00:00	7.4	2.017	0	379,732	14.1	267
7/1/2025	20:15:00	7.4	2.581	0.5	379,754	14.2	267
7/1/2025	20:30:00	7.4	2.562	0.1	379,793	13.7	267
7/1/2025	20:45:00	7.4	1.590	1.5	379,815	14.4	270
7/1/2025	21:15:00	7.4	2.517	0.2	379,861	13.6	268
7/1/2025	21:45:00	7.4	2.540	0.7	379,894	13.8	267
7/1/2025	22:00:00	7.3	3.032	0.6	379,937	13.6	268
7/1/2025	22:15:00	7.3	3.009	0.8	379,982	13.6	270
7/1/2025	22:30:00	7.3	2.415	0.6	380,022	13.8	270
7/1/2025	22:45:00	7.4	2.695	0.6	380,042	13.8	270
7/1/2025	23:00:00	7.4	2.615	0.5	380,067	13.9	272
7/1/2025	23:15:00	7.4	2.010	0.7	380,100	13.9	271
7/2/2025	0:00:00	7.2	2.570	0.3	380,161	14	278

Date	Time	Discharge pH	Flow Rate (m3)	Discharge NTU	Flow Total (m3)	Discharge Temperature (°C)	Discharge Conductivity (uS/cm)
7/2/2025	0:15:00	7.2	2.245	1	380,201	13.8	274
7/2/2025	0:30:00	7.3	2.774	1.2	380,237	13.7	273
7/2/2025	0:45:00	7.4	2.475	1.3	380,275	13.7	273
7/2/2025	1:00:00	7.4	1.847	1.4	380,294	14.4	274
7/2/2025	1:15:00	7.4	1.893	2.5	380,329	14	274
7/2/2025	1:30:00	7.5	2.456	4.3	380,361	14.1	276
7/2/2025	2:15:00	7.4	2.521	1.8	380,441	13.9	278
7/2/2025	2:30:00	7.4	2.521	1.5	380,479	13.8	278
7/2/2025	2:45:00	7.4	2.536	4.8	380,500	14.2	275
7/2/2025	3:00:00	7.4	2.502	1.4	380,538	13.7	278
7/2/2025	3:15:00	7.4	1.983	0.8	380,575	13.6	277
7/2/2025	3:30:00	7.4	2.585	3	380,590	14.6	277
7/2/2025	3:45:00	7.4	2.513	1.1	380,627	13.7	275
7/2/2025	4:15:00	7.4	2.509	2	380,684	13.7	273
7/2/2025	4:30:00	7.4	2.498	1.1	380,722	13.5	273
7/2/2025	5:00:00	7.3	2.521	0.3	380,778	13.9	272
7/2/2025	5:15:00	7.3	1.964	0.1	380,815	14.2	269
7/2/2025	5:45:00	7.3	2.506	0.6	380,860	14	268
7/2/2025	6:15:00	7.3	2.498	0.5	380,917	14.2	268
7/2/2025	6:30:00	7.3	2.494	0	380,955	14.5	268
7/2/2025	6:45:00	7.3	2.366	3.2	380,987	15.5	267
7/2/2025	7:00:00	7.3	2.509	0.4	381,010	14.7	264
7/2/2025	7:15:00	7.3	1.972	0.9	381,032	14.3	268
7/2/2025	7:30:00	7.3	2.506	1.8	381,065	13.9	267
7/2/2025	7:45:00	7.3	2.525	1.8	381,087	13.9	267

Date	Time	Discharge pH	Flow Rate (m3)	Discharge NTU	Flow Total (m3)	Discharge Temperature (°C)	Discharge Conductivity (uS/cm)
7/2/2025	8:15:00	7.3	2.521	2	381,145	13.4	263
7/2/2025	8:45:00	7.2	2.479	3.8	381,196	13.7	267
7/2/2025	9:00:00	7.2	2.475	0.6	381,233	13.6	267
7/2/2025	9:30:00	7.2	1.961	6	381,290	14.2	268
7/2/2025	10:00:00	7.3	2.449	1.2	381,346	13.8	268
7/2/2025	10:15:00	7.3	2.468	2.5	381,366	14.3	267
7/2/2025	10:30:00	7.3	2.453	1.3	381,403	13.7	265
7/2/2025	10:45:00	7.3	1.870	0.8	381,439	13.7	265
7/2/2025	11:00:00	7.3	2.468	5.1	381,460	13.8	268
7/2/2025	11:15:00	7.3	2.377	1.3	381,496	13.7	268
7/2/2025	11:45:00	7.3	2.396	2.4	381,541	14	268
7/2/2025	12:00:00	7.3	2.381	1.2	381,577	14.1	268
7/2/2025	12:15:00	7.4	2.392	1.7	381,608	14.2	272
7/2/2025	12:30:00	7.4	2.385	1.7	381,644	14.1	272
7/2/2025	12:45:00	7.4	1.862	1.8	381,678	14.3	272
7/2/2025	13:00:00	7.4	2.434	2	381,693	14.5	272
7/2/2025	13:15:00	7.3	2.430	0.6	381,729	14.4	272
7/2/2025	13:30:00	7.3	1.885	2.1	381,761	14.6	272
7/2/2025	13:45:00	7.3	2.415	0.7	381,797	14.5	272
7/2/2025	14:00:00	7.3	2.396	0.6	381,833	14.4	272
7/2/2025	14:15:00	7.3	2.415	1.2	381,864	14.4	272
7/2/2025	14:30:00	7.3	2.407	0.9	381,900	14.2	272
7/2/2025	14:45:00	7.3	1.805	2	381,912	14.2	270
7/2/2025	15:00:00	7.3	2.415	0.7	381,945	14.2	270
7/2/2025	15:15:00	7.3	2.392	1.3	381,981	14.2	271

Date	Time	Discharge pH	Flow Rate (m3)	Discharge NTU	Flow Total (m3)	Discharge Temperature (°C)	Discharge Conductivity (uS/cm)
7/2/2025	15:30:00	7.3	1.877	17	382,002	14.6	271
7/2/2025	15:45:00	7.3	2.407	0.3	382,038	14.1	268
7/2/2025	16:00:00	7.3	2.396	0.5	382,056	14.8	270
7/2/2025	16:15:00	7.3	2.415	0.7	382,087	14.3	270
7/2/2025	16:30:00	7.3	2.403	0.3	382,123	14.2	271
7/2/2025	16:45:00	7.3	1.855	0.5	382,158	14.4	270
7/2/2025	17:00:00	7.3	2.419	1.6	382,178	14.3	270
7/2/2025	17:15:00	7.3	2.422	0.6	382,215	14.2	267
7/2/2025	17:30:00	7.3	1.862	1.1	382,246	14.5	267
7/2/2025	17:45:00	7.3	2.396	0.2	382,282	14.2	267
7/2/2025	18:00:00	7.3	2.422	0.6	382,293	14.7	268
7/2/2025	18:15:00	7.3	2.434	4.2	382,310	14.8	268
7/2/2025	18:30:00	7.3	2.430	0.3	382,346	14	267
7/2/2025	18:45:00	7.3	1.862	2.7	382,380	14	266
7/2/2025	19:00:00	7.3	2.415	0.2	382,413	13.7	265
7/2/2025	19:15:00	7.3	2.422	0.9	382,436	13.8	265
7/2/2025	19:30:00	7.3	1.866	0.7	382,468	14.1	266
7/2/2025	19:45:00	7.3	2.411	0.7	382,504	13.7	265
7/2/2025	20:00:00	7.3	2.407	0.1	382,540	13.7	265
7/2/2025	20:15:00	7.3	2.422	2.2	382,556	13.8	265
7/2/2025	20:30:00	7.3	2.411	0.1	382,575	13.7	265
7/2/2025	20:45:00	7.3	1.877	0.8	382,594	13.9	265
7/2/2025	21:00:00	7.3	2.426	0.5	382,627	13.4	267
7/2/2025	21:15:00	7.3	2.426	0.3	382,663	13.3	265
7/2/2025	21:30:00	7.3	1.877	1.7	382,695	13.6	264

Date	Time	Discharge pH	Flow Rate (m3)	Discharge NTU	Flow Total (m3)	Discharge Temperature (°C)	Discharge Conductivity (uS/cm)
7/2/2025	21:45:00	7.3	2.426	1.6	382,731	13.4	265
7/2/2025	22:00:00	7.3	2.419	1.1	382,768	13.3	265
7/2/2025	22:15:00	7.3	2.385	2.7	382,788	14	268
7/2/2025	22:30:00	7.3	2.453	0.8	382,824	13.3	268
7/2/2025	22:45:00	7.3	1.711	1.1	382,859	13.4	267
7/2/2025	23:00:00	7.3	2.392	2	382,890	13.2	263
7/3/2025	0:00:00	7.3	2.487	1.8	382,963	13	264
7/3/2025	0:15:00	7.3	2.509	2.9	382,981	13.6	264
7/3/2025	0:30:00	7.3	2.491	0.2	383,019	13	265
7/3/2025	1:00:00	7.3	2.483	0.3	383,068	13.1	265
7/3/2025	1:15:00	7.3	2.460	0.6	383,105	13	267
7/3/2025	1:30:00	7.3	1.908	1.4	383,123	13.3	268
7/3/2025	1:45:00	7.3	2.491	0.8	383,160	13.1	267
7/3/2025	2:00:00	7.3	2.475	0.7	383,197	13.1	268
7/3/2025	2:15:00	7.4	2.475	0	383,229	13.6	266
7/3/2025	2:30:00	7.4	2.498	0	383,253	14	262
7/3/2025	2:45:00	7.4	1.896	0	383,288	14.6	262
7/3/2025	3:00:00	7.4	2.479	0	383,308	14.3	261
7/3/2025	3:15:00	7.3	2.468	0.8	383,345	14	264
7/3/2025	3:30:00	7.3	1.911	3.4	383,362	14.3	267
7/3/2025	3:45:00	7.3	2.487	0	383,399	13.8	266
7/3/2025	4:00:00	7.4	2.475	0	383,436	14.2	262
7/3/2025	4:30:00	7.4	2.464	0	383,493	14.6	260
7/3/2025	4:45:00	7.3	1.911	1	383,528	14.5	261
7/3/2025	5:00:00	7.3	2.506	0.6	383,548	14.7	264

Date	Time	Discharge pH	Flow Rate (m3)	Discharge NTU	Flow Total (m3)	Discharge Temperature (°C)	Discharge Conductivity (uS/cm)
7/3/2025	5:15:00	7.3	2.491	1.3	383,585	13.9	268
7/3/2025	5:30:00	7.3	1.923	9.9	383,617	14	266
7/3/2025	6:00:00	7.3	2.487	8.5	383,678	13.6	264
7/3/2025	6:15:00	7.3	0.235	9	383,704	13.9	117
7/3/2025	6:30:00	7.3	2.487	7.9	383,731	13.4	263
7/3/2025	6:45:00	7.3	1.942	27	383,752	13.6	264
7/3/2025	7:00:00	7.4	1.919	9.9	383,777	14.4	264
7/3/2025	7:30:00	7.3	2.509	4.6	383,833	13.7	259
7/3/2025	7:45:00	7.3	1.858	12.7	383,858	13.8	261
7/3/2025	8:00:00	7.3	2.385	5.9	383,890	13.2	263
7/3/2025	8:15:00	7.3	2.324	13.7	383,924	13.1	265
7/3/2025	8:45:00	7.4	2.419	7.6	383,961	13.1	263
7/3/2025	9:00:00	7.3	1.836	20	383,994	13.2	263
7/3/2025	9:15:00	7.3	2.472	2.5	384,027	13.1	263
7/3/2025	9:30:00	7.3	2.460	2	384,064	13.1	265
7/3/2025	9:45:00	7.3	1.949	3.1	384,096	13.6	266
7/3/2025	10:00:00	7.3	2.460	3.6	384,132	13.5	267
7/3/2025	10:15:00	7.3	2.456	2.5	384,169	13.7	268
7/3/2025	10:30:00	7.3	2.377	3.6	384,182	13.6	268
7/3/2025	10:45:00	7.3	2.445	1.8	384,219	13.8	270
7/3/2025	11:00:00	7.3	1.923	0.9	384,253	14	270
7/3/2025	11:15:00	7.3	2.460	1.4	384,268	14.2	272
7/3/2025	11:30:00	7.3	2.464	1	384,287	14.3	272
7/3/2025	12:00:00	7.3	2.483	3.8	384,334	14.1	270
7/3/2025	12:15:00	7.3	2.456	4.9	384,371	14	268

Date	Time	Discharge pH	Flow Rate (m3)	Discharge NTU	Flow Total (m3)	Discharge Temperature (°C)	Discharge Conductivity (uS/cm)
7/3/2025	12:45:00	7.3	2.453	1.2	384,414	14.2	269
7/3/2025	13:00:00	7.3	1.949	1	384,448	14.5	269
7/3/2025	13:15:00	7.4	2.449	0.9	384,482	14.4	270
7/3/2025	13:45:00	7.4	1.919	3.7	384,531	14.8	270
7/3/2025	14:15:00	7.4	2.445	1	384,577	14.2	272
7/3/2025	14:30:00	7.5	2.362	10.3	384,587	14.6	268
7/3/2025	14:45:00	7.4	2.350	1.7	384,623	13.8	271
7/3/2025	15:00:00	7.4	1.821	5	384,656	14	272
7/3/2025	15:15:00	7.4	2.385	1	384,677	13.9	272
7/3/2025	15:30:00	7.4	2.385	1.5	384,712	13.9	272
7/3/2025	15:45:00	7.4	1.843	2.4	384,743	14.1	276
7/3/2025	16:00:00	7.4	2.358	1.5	384,778	13.9	275
7/3/2025	16:15:00	7.4	0.269	1.4	384,799	14.8	117
7/3/2025	16:30:00	7.4	2.362	1.1	384,823	14	272
7/3/2025	16:45:00	7.5	2.362	1.3	384,858	13.7	274
7/3/2025	17:00:00	7.4	0.182	10.7	384,890	13.9	273
7/3/2025	17:15:00	7.4	2.358	0.7	384,914	13.8	270
7/3/2025	17:30:00	7.4	2.373	1.2	384,924	13.8	268
7/3/2025	17:45:00	7.3	1.896	5.7	384,956	14.1	268
7/3/2025	18:00:00	7.3	2.453	0.7	384,992	13.9	268
7/3/2025	18:15:00	7.3	2.426	0.9	385,029	13.9	268
7/3/2025	18:30:00	7.4	2.441	0.9	385,060	13.9	269
7/3/2025	18:45:00	7.4	2.415	0.9	385,097	13.7	268
7/3/2025	19:15:00	7.3	2.430	1	385,153	13.6	265
7/3/2025	19:30:00	7.3	2.422	1.6	385,190	13.6	267

Date	Time	Discharge pH	Flow Rate (m3)	Discharge NTU	Flow Total (m3)	Discharge Temperature (°C)	Discharge Conductivity (uS/cm)
7/3/2025	19:45:00	7.3	1.874	8.7	385,207	14.1	263
7/3/2025	20:00:00	7.3	2.426	1.4	385,243	13.4	265
7/3/2025	20:15:00	7.3	2.430	1.9	385,264	13.4	263
7/3/2025	20:45:00	7.3	2.430	1.1	385,299	13.2	265
7/3/2025	21:00:00	7.3	1.824	11.8	385,321	13.6	263
7/3/2025	21:15:00	7.3	2.381	1.2	385,355	13	265
7/3/2025	21:30:00	7.3	2.400	3.7	385,391	13	265
7/3/2025	21:45:00	7.3	2.279	5.5	385,421	13.5	266
7/3/2025	22:00:00	7.3	2.388	5.6	385,457	14.1	265
7/3/2025	22:15:00	7.3	0.314	1.7	385,490	13	114
7/3/2025	22:30:00	7.3	2.275	1.6	385,511	12.8	266
7/3/2025	22:45:00	7.3	2.260	2	385,545	12.7	266
7/3/2025	23:00:00	7.3	1.525	8.7	385,561	12.9	266
7/3/2025	23:30:00	7.3	2.260	1.3	385,601	12.8	264
7/3/2025	23:45:00	7.3	2.275	2.5	385,630	12.9	264
7/4/2025	0:00:00	7.3	2.256	2.3	385,664	12.6	264
7/4/2025	0:15:00	7.3	2.271	1.8	385,698	12.7	264
7/4/2025	0:30:00	7.3	2.275	1.2	385,727	12.7	267
7/4/2025	0:45:00	7.4	2.271	1.1	385,761	12.9	268
7/4/2025	1:00:00	7.4	1.828	5.9	385,790	13.1	267
7/4/2025	1:30:00	7.4	2.263	1.3	385,835	13.4	265
7/4/2025	1:45:00	7.4	2.263	3.7	385,850	13.5	262
7/4/2025	2:00:00	7.4	2.275	1.2	385,884	13	266
7/4/2025	2:15:00	7.4	2.256	1.9	385,918	12.9	264
7/4/2025	2:30:00	7.4	2.309	2.2	385,946	12.9	262

Date	Time	Discharge pH	Flow Rate (m3)	Discharge NTU	Flow Total (m3)	Discharge Temperature (°C)	Discharge Conductivity (uS/cm)
7/4/2025	2:45:00	7.4	2.267	2.3	385,980	12.9	266
7/4/2025	3:00:00	7.4	1.677	7.6	386,010	13.1	263
7/4/2025	3:15:00	7.4	2.275	1.1	386,021	13.6	259
7/4/2025	4:00:00	7.3	2.290	0.8	386,056	12.8	117
7/4/2025	4:15:00	7.3	1.771	2.7	386,091	12.6	117
7/4/2025	4:30:00	7.3	3.066	2	386,122	12.9	119
7/4/2025	4:45:00	7.3	3.384	0.8	386,170	13.1	121
7/4/2025	5:15:00	7.3	2.763	1.1	386,248	13.6	123
7/4/2025	5:30:00	7.3	2.771	2.3	386,263	13.7	122
7/4/2025	6:00:00	7.3	2.468	0.7	386,307	13	266
7/4/2025	6:15:00	7.3	2.468	1.9	386,344	12.9	267
7/4/2025	6:30:00	7.3	1.870	12.2	386,376	12.8	267
7/4/2025	6:45:00	7.3	2.513	3.2	386,397	12.8	116
7/4/2025	7:00:00	7.3	2.491	2.1	386,434	12.8	116
7/4/2025	7:15:00	7.4	2.131	10.1	386,463	12.9	116
7/4/2025	7:30:00	7.3	2.506	0.3	386,501	12.6	116
7/4/2025	7:45:00	7.3	2.487	0.7	386,538	12.5	116
7/4/2025	8:00:00	7.3	2.498	0.8	386,571	12.5	116
7/4/2025	8:15:00	7.3	2.483	3.3	386,608	12.4	114
7/4/2025	8:30:00	7.3	1.662	8	386,624	12.6	265
7/4/2025	8:45:00	7.3	2.445	1.5	386,657	12.4	263
7/4/2025	9:00:00	7.3	2.445	1.3	386,693	12.3	265
7/4/2025	9:15:00	7.3	1.889	2.6	386,725	12.5	265
7/4/2025	9:30:00	7.3	2.449	2.6	386,761	12.5	265
7/4/2025	9:45:00	7.3	2.434	1.5	386,798	12.6	265

Date	Time	Discharge pH	Flow Rate (m3)	Discharge NTU	Flow Total (m3)	Discharge Temperature (°C)	Discharge Conductivity (uS/cm)
7/4/2025	10:15:00	7.3	2.468	1.5	386,850	12.6	265
7/4/2025	10:45:00	7.3	2.472	1.7	386,905	12.5	116
7/4/2025	11:15:00	7.3	1.877	4.2	386,951	12.7	260
7/4/2025	11:30:00	7.3	2.464	1	386,987	12.6	265
7/4/2025	11:45:00	7.3	2.445	1.9	387,024	12.7	265
7/4/2025	12:00:00	7.3	2.464	1.1	387,056	13	263
7/4/2025	12:15:00	7.3	2.460	1.9	387,092	13.1	265
7/4/2025	12:30:00	7.3	1.836	5.5	387,126	13.2	265
7/4/2025	12:45:00	7.4	2.456	1.6	387,148	13.5	265
7/4/2025	13:00:00	7.3	2.449	2.3	387,184	13	265
7/4/2025	13:15:00	7.3	1.889	3.7	387,214	13.1	263
7/4/2025	13:30:00	7.3	2.456	3.2	387,238	13	263
7/4/2025	13:45:00	7.3	2.434	3.3	387,275	12.9	263
7/4/2025	14:00:00	7.3	2.475	4.9	387,294	13.2	260
7/4/2025	14:15:00	7.3	1.896	7.3	387,330	12.9	262
7/4/2025	14:45:00	7.3	2.472	6.9	387,379	13	117
7/4/2025	15:00:00	7.3	1.718	15.2	387,409	12.9	117
7/4/2025	15:15:00	7.3	2.335	6.9	387,429	12.8	116
7/4/2025	15:30:00	7.3	2.419	7.7	387,466	12.7	116
7/4/2025	15:45:00	7.3	2.430	13.9	387,481	12.7	116
7/4/2025	16:00:00	7.3	2.407	1.8	387,518	12.6	116
7/4/2025	16:15:00	7.3	1.866	1.7	387,532	12.8	117
7/4/2025	16:30:00	7.4	2.407	1.1	387,563	12.9	117
7/4/2025	16:45:00	7.4	2.426	2.3	387,586	12.8	117
7/4/2025	17:00:00	7.4	1.821	5.8	387,618	12.8	117

Date	Time	Discharge pH	Flow Rate (m3)	Discharge NTU	Flow Total (m3)	Discharge Temperature (°C)	Discharge Conductivity (uS/cm)
7/4/2025	17:15:00	7.4	2.392	2.1	387,652	12.8	117
7/4/2025	17:30:00	7.4	2.422	2.8	387,674	13	117
7/4/2025	17:45:00	7.4	2.419	3.4	387,705	13.1	117
7/4/2025	18:00:00	7.4	2.396	2	387,740	12.9	117
7/4/2025	18:15:00	7.4	1.843	5.8	387,762	12.8	117
7/4/2025	18:30:00	7.4	2.403	1	387,793	12.7	117
7/4/2025	18:45:00	7.4	2.411	1.4	387,807	12.8	117
7/4/2025	19:00:00	7.4	1.832	3.7	387,840	12.7	117
7/4/2025	19:15:00	7.4	2.479	2.5	387,862	12.6	116
7/4/2025	19:30:00	7.4	2.453	2	387,899	12.5	117
7/4/2025	20:00:00	7.4	2.460	1.3	387,951	12.3	116
7/4/2025	20:15:00	7.4	1.885	4.6	387,987	12.2	116
7/4/2025	20:30:00	7.4	2.460	1.1	388,002	12.3	116
7/4/2025	20:45:00	7.4	2.441	2.9	388,039	12.3	114
7/4/2025	21:00:00	7.4	1.885	13.5	388,072	12.3	114
7/4/2025	21:15:00	7.4	2.438	2.3	388,106	12.2	114
7/4/2025	21:30:00	7.4	2.434	3.5	388,143	12.4	116
7/4/2025	21:45:00	7.4	2.135	5.9	388,171	12.4	114
7/4/2025	22:00:00	7.4	2.415	3	388,205	12.4	114
7/4/2025	22:15:00	7.4	1.862	17.5	388,229	12.4	114
7/4/2025	22:30:00	7.4	2.419	3.6	388,259	12.4	114
7/4/2025	22:45:00	7.4	2.498	3.3	388,296	12.3	116
7/4/2025	23:00:00	7.4	1.927	8.2	388,330	12.7	119
7/4/2025	23:15:00	7.4	2.521	2.6	388,350	13.3	121
7/4/2025	23:30:00	7.4	2.494	1	388,388	12.7	119

Date	Time	Discharge pH	Flow Rate (m3)	Discharge NTU	Flow Total (m3)	Discharge Temperature (°C)	Discharge Conductivity (uS/cm)
7/4/2025	23:45:00	7.4	2.502	2.4	388,406	13	118
7/5/2025	0:00:00	7.3	2.472	1.6	388,443	12.4	117
7/5/2025	0:15:00	7.3	1.609	4.8	388,464	12.4	117
7/5/2025	0:45:00	7.3	2.487	2.8	388,467	14	257
7/5/2025	1:30:00	7.2	1.824	10	388,505	12.3	273
7/5/2025	1:45:00	7	2.475	3.9	388,538	12.2	288
7/5/2025	2:00:00	7.1	2.468	5.3	388,575	12.2	294
7/5/2025	2:15:00	7.2	1.927	11.3	388,606	12.3	296
7/5/2025	2:30:00	7.3	2.472	4.6	388,642	12.2	296
7/5/2025	2:45:00	7.3	2.449	6	388,679	12.2	302
7/5/2025	3:00:00	7.2	2.460	3.9	388,709	12.6	298
7/5/2025	3:15:00	7	2.456	3.7	388,746	12.7	302
7/5/2025	3:45:00	7	2.475	2.6	388,796	12.6	303
7/5/2025	4:00:00	7.2	2.464	3.7	388,833	12.5	302
7/5/2025	4:30:00	7.4	2.491	2.2	388,889	12.7	297
7/5/2025	4:45:00	7.4	2.483	3.2	388,926	12.8	287
7/5/2025	5:00:00	7.5	2.502	2.2	388,955	12.9	286
7/5/2025	5:15:00	7.5	2.479	3.3	388,993	12.8	286
7/5/2025	5:30:00	7.5	1.945	5.6	389,013	13.1	291
7/5/2025	5:45:00	7.5	2.487	2.5	389,045	13.1	287
7/5/2025	6:00:00	7.5	2.479	5.9	389,082	13.2	286
7/5/2025	6:30:00	7.5	2.475	4.6	389,133	12.9	281
7/5/2025	6:45:00	7.5	2.483	5.2	389,156	13	279
7/5/2025	7:00:00	7.5	2.494	4.2	389,184	12.6	281
7/5/2025	7:15:00	7.5	2.498	8.1	389,208	13.3	273

Date	Time	Discharge pH	Flow Rate (m3)	Discharge NTU	Flow Total (m3)	Discharge Temperature (°C)	Discharge Conductivity (uS/cm)
7/5/2025	7:30:00	7.5	1.847	13.4	389,243	12.8	277
7/5/2025	7:45:00	7.5	2.491	2.3	389,276	12.5	274
7/5/2025	8:00:00	7.5	2.479	3.5	389,314	12.4	274
7/5/2025	8:15:00	7.5	1.889	6.5	389,345	12.4	275
7/5/2025	8:30:00	7.5	2.472	3.3	389,381	12.3	274
7/5/2025	8:45:00	7.4	2.494	5.4	389,404	12.4	270
7/5/2025	9:00:00	7.4	2.483	2	389,436	12.4	271
7/5/2025	9:15:00	7.4	2.468	5.1	389,473	12.3	270
7/5/2025	9:30:00	7.4	2.048	16.2	389,506	12.4	271
7/5/2025	9:45:00	7.4	2.509	6.3	389,537	12.5	270
7/5/2025	10:00:00	7.4	2.513	7.1	389,552	13.2	267
7/5/2025	10:15:00	7.4	1.942	11.4	389,581	12.8	268
7/5/2025	10:30:00	7.4	2.536	6	389,618	12.8	268
7/5/2025	10:45:00	7.4	2.528	8.9	389,656	12.8	272
7/5/2025	11:00:00	7.4	2.540	4.3	389,683	12.9	272
7/5/2025	11:15:00	7.4	2.525	5.9	389,721	12.9	272
7/5/2025	11:30:00	7.4	1.631	20.7	389,754	13	272
7/5/2025	11:45:00	7.4	2.547	8.4	389,767	13.2	270
7/5/2025	12:00:00	7.4	2.525	4.9	389,805	13	270
7/5/2025	12:30:00	7.3	2.589	4.3	389,860	13.2	271
7/5/2025	13:00:00	7.3	2.456	2.1	389,912	13.2	270
7/5/2025	13:15:00	7.3	2.445	4	389,948	13.1	272
7/5/2025	13:30:00	7.3	1.828	17.1	389,983	13.2	272
7/5/2025	13:45:00	7.3	2.453	4.1	390,013	13.2	271
7/5/2025	14:00:00	7.3	2.430	4.2	390,050	13.2	271

Date	Time	Discharge pH	Flow Rate (m3)	Discharge NTU	Flow Total (m3)	Discharge Temperature (°C)	Discharge Conductivity (uS/cm)
7/5/2025	14:15:00	7.3	1.904	5.5	390,079	13.2	270
7/5/2025	14:30:00	7.3	2.456	1.9	390,096	13.2	269
7/5/2025	14:45:00	7.3	2.434	4.6	390,132	13.1	267
7/5/2025	15:00:00	7.3	2.441	3.9	390,161	13.1	267
7/5/2025	15:15:00	7.3	2.464	3.8	390,185	13.1	267
7/5/2025	15:30:00	7.3	1.847	14.2	390,218	13	267
7/5/2025	15:45:00	7.3	2.449	7.3	390,249	13.1	267
7/5/2025	16:00:00	7.3	2.430	5.2	390,286	13.2	267
7/5/2025	16:15:00	7.3	1.885	10.6	390,315	13.4	268
7/5/2025	16:45:00	7.3	2.449	3.5	390,365	13.4	271
7/5/2025	17:00:00	7.3	2.438	4.2	390,394	13.2	267
7/5/2025	17:15:00	7.3	2.407	2.8	390,430	13.2	268
7/5/2025	17:30:00	7.3	1.809	15.4	390,464	13.3	269
7/5/2025	17:45:00	7.3	2.426	2.4	390,497	13.4	269
7/5/2025	18:00:00	7.3	2.456	4.4	390,516	13.4	268
7/5/2025	18:15:00	7.3	1.877	21.1	390,547	13.5	269
7/5/2025	19:00:00	7.3	2.430	3	390,607	13.3	270
7/5/2025	19:15:00	7.3	2.426	3	390,630	13.2	268
7/5/2025	19:30:00	7.3	1.578	7.5	390,659	13	268
7/5/2025	20:00:00	7.3	2.445	7.4	390,716	12.8	267
7/5/2025	20:15:00	7.2	2.460	9.4	390,745	12.8	267
7/5/2025	21:15:00	7.2	0.924	15.7	390,844	12.8	116
7/5/2025	21:30:00	7.2	2.593	5.7	390,860	13.1	263
7/5/2025	21:45:00	7.1	2.544	4.9	390,898	12.8	268
7/5/2025	22:00:00	7.1	2.491	2.5	390,936	12.6	267

Date	Time	Discharge pH	Flow Rate (m3)	Discharge NTU	Flow Total (m3)	Discharge Temperature (°C)	Discharge Conductivity (uS/cm)
7/5/2025	22:15:00	7.1	2.665	1.3	390,962	12.7	263
7/5/2025	22:30:00	7.2	0.000	0.6	390,997	12.8	114
7/5/2025	22:45:00	7.2	0.333	0.2	391,020	12.8	114
7/5/2025	23:00:00	7.3	1.321	2.1	391,033	12.7	263
7/5/2025	23:15:00	7.2	2.547	0.9	391,066	12.6	266
7/5/2025	23:30:00	7.2	2.574	1.2	391,101	12.6	266
7/5/2025	23:45:00	7.2	2.544	1.9	391,140	12.6	266
7/6/2025	0:00:00	7.2	2.494	2.1	391,177	12.6	266
7/6/2025	0:15:00	7.2	2.491	1.3	391,215	12.6	266
7/6/2025	0:30:00	7.2	1.310	3.6	391,244	12.4	264
7/6/2025	0:45:00	7.2	2.290	2.6	391,278	12.4	264
7/6/2025	1:00:00	7.1	2.494	1.5	391,315	12.5	268
7/6/2025	1:15:00	6.8	2.498	2.6	391,352	12.5	269
7/6/2025	1:30:00	6.6	1.563	11.6	391,378	12.5	269
7/6/2025	1:45:00	6.7	2.263	1.7	391,410	12.6	114
7/6/2025	2:00:00	6.8	2.297	1.6	391,428	12.6	266
7/6/2025	2:15:00	6.9	2.528	1.9	391,465	12.7	268
7/6/2025	2:30:00	7	2.578	1.7	391,503	13	261
7/6/2025	2:45:00	7.2	2.116	3.9	391,537	13.2	260
7/6/2025	3:00:00	7.2	1.548	2.2	391,558	13.8	257
7/6/2025	3:15:00	7.1	2.388	0	391,587	13.5	259
7/6/2025	3:30:00	7.2	2.339	0.4	391,622	13.2	257
7/6/2025	3:45:00	7.2	2.335	0.6	391,657	13	259
7/6/2025	4:00:00	7.3	1.843	5.6	391,688	12.7	263
7/6/2025	4:30:00	7.2	2.725	0.9	391,742	12.8	263

Date	Time	Discharge pH	Flow Rate (m3)	Discharge NTU	Flow Total (m3)	Discharge Temperature (°C)	Discharge Conductivity (uS/cm)
7/6/2025	4:45:00	7.2	2.710	1.1	391,783	12.7	265
7/6/2025	5:00:00	7.2	2.430	1.9	391,821	12.6	265
7/6/2025	5:15:00	7.2	2.475	1.9	391,844	12.5	265
7/6/2025	5:30:00	7.3	1.703	4.7	391,873	12.5	267
7/6/2025	5:45:00	7.2	2.528	1.6	391,893	12.6	265
7/6/2025	6:00:00	7.2	2.506	1.5	391,930	12.7	119
7/6/2025	6:15:00	7.2	2.438	2.2	391,967	12.9	121
7/6/2025	6:45:00	7.2	2.453	1.5	392,025	13.3	123
7/6/2025	7:00:00	7.2	2.430	1.7	392,062	13.4	123
7/6/2025	7:15:00	7.2	2.472	3.1	392,084	13.3	121
7/6/2025	7:30:00	7.3	2.040	4	392,108	13	118
7/6/2025	8:00:00	7.2	2.479	3.1	392,166	12.8	118
7/6/2025	8:15:00	7.2	2.487	4.8	392,188	12.8	118
7/6/2025	8:30:00	7.2	2.472	4.1	392,226	12.8	118
7/6/2025	8:45:00	7.2	2.460	5.7	392,262	12.7	117
7/6/2025	9:00:00	7.3	1.692	13.8	392,290	12.7	116
7/6/2025	9:15:00	7.2	2.619	3.6	392,308	12.6	116
7/6/2025	9:30:00	7.2	2.449	3.3	392,345	12.5	116
7/6/2025	10:00:00	7.2	2.403	1.6	392,397	12.6	116
7/6/2025	10:15:00	7.3	1.665	13	392,430	12.7	116
7/6/2025	10:30:00	7.2	2.434	3.6	392,461	12.8	263
7/6/2025	10:45:00	7.2	2.441	9.6	392,498	12.9	264
7/6/2025	11:15:00	7.3	2.498	3.4	392,558	13.1	265
7/6/2025	11:30:00	7.3	2.502	2.8	392,596	13.1	266
7/6/2025	11:45:00	7.4	2.422	1.7	392,624	13.1	265

Date	Time	Discharge pH	Flow Rate (m3)	Discharge NTU	Flow Total (m3)	Discharge Temperature (°C)	Discharge Conductivity (uS/cm)
7/6/2025	12:00:00	7.4	2.434	1.6	392,661	13.2	265
7/6/2025	12:15:00	7.4	1.809	13.8	392,694	13.3	265
7/6/2025	12:30:00	7.4	2.343	1	392,726	13.3	264
7/6/2025	12:45:00	7.4	2.328	1.3	392,761	13.4	264
7/6/2025	13:15:00	7.3	2.286	1.8	392,814	13.4	271
7/6/2025	13:30:00	7.3	2.313	4.7	392,848	13.4	272
7/6/2025	14:00:00	7.3	2.911	4.8	392,900	13.3	272
7/6/2025	14:15:00	7.3	1.904	13.6	392,934	13.3	272
7/6/2025	14:30:00	7.3	2.494	5.6	392,953	13.4	274
7/6/2025	14:45:00	7.3	2.483	6.3	392,991	13.3	276
7/6/2025	15:00:00	7.3	1.813	12.9	393,018	13.3	276
7/6/2025	15:15:00	7.3	2.521	1.2	393,036	13.3	117
7/6/2025	15:30:00	7.3	2.494	2.2	393,073	13.1	117
7/6/2025	16:00:00	7.3	2.491	1.7	393,120	13	117
7/6/2025	16:30:00	7.3	2.491	1.9	393,176	13	262
7/6/2025	16:45:00	7.3	2.483	3	393,214	12.9	117
7/6/2025	17:15:00	7.3	1.847	14.5	393,257	13.1	272
7/6/2025	17:30:00	7.3	2.528	2.6	393,275	13.1	117
7/6/2025	18:00:00	7.3	2.536	2.9	393,329	13.1	265
7/6/2025	18:15:00	7.3	2.521	2.5	393,366	13.1	267
7/6/2025	18:45:00	7.3	2.521	2.1	393,418	13.1	268
7/6/2025	19:00:00	7.3	2.525	2.3	393,441	13.1	268
7/6/2025	19:15:00	7.3	1.908	2	393,471	13.1	270
7/6/2025	19:45:00	7.2	2.506	2.2	393,520	13	270
7/6/2025	20:00:00	7.2	2.502	1.7	393,550	12.9	270

Date	Time	Discharge pH	Flow Rate (m3)	Discharge NTU	Flow Total (m3)	Discharge Temperature (°C)	Discharge Conductivity (uS/cm)
7/6/2025	20:15:00	7.2	2.506	4.3	393,572	12.9	272
7/6/2025	20:30:00	7.2	1.938	7.8	393,606	12.9	272
7/6/2025	21:00:00	7.2	1.045	10.9	393,652	12.6	270
7/6/2025	21:15:00	7.2	2.699	3.7	393,670	12.7	268
7/6/2025	21:45:00	6.9	2.551	1	393,730	12.8	269
7/6/2025	22:00:00	7	2.509	1.2	393,768	12.7	271
7/6/2025	22:15:00	7.1	2.475	1.7	393,805	12.7	271
7/6/2025	22:30:00	7.1	2.824	6.4	393,844	12.8	271
7/6/2025	22:45:00	7.2	1.423	3.5	393,881	12.8	271
7/6/2025	23:00:00	7.2	1.998	2.9	393,910	12.9	269
7/6/2025	23:15:00	7.2	2.491	1.6	393,928	13.2	114
7/6/2025	23:45:00	7.2	2.449	2	393,980	12.9	268

Table 3. In-Situ Parameters

Date	Temperature °C	DO mg/L	Conductivity SPC-uS/cm	SAL-ppt	pH	ORP (mV)	NTU
06/30/2025	14.2	10.69	148.5	0.07	7.58	178.2	1.36
07/01/2025	13.9	10.54	148.9	0.07	7.20	167.34	1.76
07/02/2025	14.0	10.16	142.0	0.07	7.37	196.5	0.91
07/03/2025	15.0	10.88	147.2	0.07	7.45	189.0	1.61
07/04/2025	15.2	10.31	152.1	0.07	7.63	162.9	2.01
07/05/2025	13.4	11.07	142.6	0.07	7.67	162.0	4.01
07/06/2025	14.1	11.45	153.2	0.07	7.24	144.4	1.00

3. Calibration Log:

Table 4. Calibration Log

Date	Unit	pH	Conductivity/Temp.	Salinity	NTU
07/01/2025	YSI	✓	✓	✓	✓
07/01/2025	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)
6/30/2025	0:00:00	7.7	1.904	2.2	374,757	Open	13.7	284
6/30/2025	0:15:00	7.4	2.396	1.9	374,792	Open	13.6	284
6/30/2025	0:30:00	7.2	2.377	2.4	374,827	Open	13.6	288
6/30/2025	0:45:00	7.1	0.250	1.3	374,851	Open	14.2	116
6/30/2025	1:00:00	6.9	2.411	1.7	374,884	Open	13.6	289
6/30/2025	1:15:00	6.9	1.749	3.3	374,915	Open	13.6	291
6/30/2025	1:30:00	6.9	2.733	2.2	374,951	Open	13.5	288
6/30/2025	1:45:00	7	2.737	1.6	374,975	Open	13.4	281
6/30/2025	2:00:00	7.4	0.806	0.6	374,981	Closed	13.7	114
6/30/2025	2:15:00	7.5	2.782	3.9	374,981	Closed	13.3	276
6/30/2025	2:30:00	7.7	0.708	55.7	374,981	Closed	15.3	114
6/30/2025	2:45:00	7.7	0.515	0.7	374,995	Closed	13.9	114
6/30/2025	3:00:00	7.6	2.176	5.7	375,019	Open	13.5	279
6/30/2025	3:15:00	7.6	2.793	1.2	375,042	Closed	14.4	114
6/30/2025	3:30:00	7.1	2.740	2.6	375,083	Open	13.5	286
6/30/2025	3:45:00	7	2.748	4.2	375,115	Open	13.8	293
6/30/2025	4:00:00	7.1	0.492	0	375,144	Closed	14.7	117
6/30/2025	4:15:00	7.3	2.203	9.9	375,169	Open	14.4	292
6/30/2025	4:30:00	7.4	2.812	10.8	375,187	Open	14.7	292
6/30/2025	4:45:00	7.6	1.896	16.3	375,221	Open	14.8	292
6/30/2025	5:00:00	7.6	2.532	0	375,255	Open	15.2	292
6/30/2025	5:15:00	7.7	2.547	1.4	375,291	Open	16	292
6/30/2025	5:30:00	7.8	2.566	2.7	375,310	Open	16.9	294
6/30/2025	5:45:00	7.7	0.390	399.7	375,323	Closed	16.5	118
6/30/2025	6:00:00	7.7	0.344	3.2	375,339	Closed	15.5	117

FRONTIER-KEMPER MICHELS® joint venture		Eagle Mountain- Woodfibre Gas Pipeline Project- Tunnel Scope	
Title	**WoodFibre Weekly Water Discharge Report**	**Revision:**	**0**
Data Date Range	**June 30, 2025 to July 06, 2025**	**Prepared by:** **Approved by:** **Date:**	**SD** **BC2** **July 14, 2025**

Date	Time	Discharge pH	Flow Rate (m3)	Discharge NTU	Flow Total (m3)	Discharge Valve Status	Discharge Temperature (°C)	Discharge Conductivity (uS/cm)
6/30/2025	6:15:00	7.6	2.453	4.6	375,364	Open	14.2	281
6/30/2025	6:30:00	7.6	2.422	3	375,385	Open	14	281
6/30/2025	6:45:00	7.6	1.908	2.5	375,416	Open	14.8	281
6/30/2025	7:00:00	7.6	2.475	1.7	375,451	Open	13.7	279
6/30/2025	7:15:00	7.6	2.483	0.9	375,491	Open	13.6	277
6/30/2025	7:30:00	7.6	2.816	1.3	375,511	Open	14.2	274
6/30/2025	7:45:00	7.6	2.801	0.9	375,553	Open	13.2	272
6/30/2025	8:00:00	7.6	2.207	2.1	375,593	Open	13.1	272
6/30/2025	8:15:00	7.6	2.585	1.1	375,615	Open	13.1	266
6/30/2025	8:30:00	7.6	2.555	0.8	375,653	Open	13	267
6/30/2025	8:45:00	7.6	0.220	0.7	375,680	Closed	13.6	117
6/30/2025	9:00:00	7.6	2.525	0.9	375,710	Open	13.1	264
6/30/2025	9:15:00	7.6	2.536	1.7	375,734	Open	13.2	265
6/30/2025	9:30:00	7.6	2.540	3	375,766	Open	13.3	265
6/30/2025	9:45:00	7.6	0.159	0.8	375,797	Closed	13.5	261
6/30/2025	10:00:00	7.6	1.991	0.8	375,827	Open	13.4	267
6/30/2025	10:15:00	7.6	2.559	0.9	375,861	Open	13.5	267
6/30/2025	10:30:00	7.6	2.544	0.7	375,899	Open	13.5	267
6/30/2025	10:45:00	7.6	1.938	2	375,918	Open	13.8	267
6/30/2025	11:00:00	7.5	2.559	1.4	375,954	Open	13.6	267
6/30/2025	11:15:00	7.5	2.562	1.4	375,975	Open	14.1	267
6/30/2025	11:30:00	7.5	0.000	1.4	376,003	Closed	13.8	264
6/30/2025	11:45:00	7.5	2.562	2.6	376,007	Open	14.3	265
6/30/2025	12:00:00	7.5	2.002	1.5	376,045	Open	13.8	267
6/30/2025	12:15:00	7.5	2.566	0.7	376,066	Open	13.9	266

FRONTIER-KEMPER MICHELS® joint venture		Eagle Mountain- Woodfibre Gas Pipeline Project- Tunnel Scope	
Title	**WoodFibre Weekly Water Discharge Report**	**Revision:**	**0**
Data Date Range	**June 30, 2025 to July 06, 2025**	**Prepared by:** **Approved by:** **Date:**	**SD** **BC2** **July 14, 2025**

Date	Time	Discharge pH	Flow Rate (m3)	Discharge NTU	Flow Total (m3)	Discharge Valve Status	Discharge Temperature (°C)	Discharge Conductivity (uS/cm)
6/30/2025	12:30:00	7.5	2.562	2.5	376,104	Open	13.8	266
6/30/2025	12:45:00	7.5	1.998	3.7	376,138	Open	14.1	266
6/30/2025	13:00:00	7.6	2.525	2.3	376,159	Open	14.6	266
6/30/2025	13:15:00	7.6	0.000	2.5	376,194	Closed	14.1	264
6/30/2025	13:30:00	7.6	2.559	1.9	376,211	Open	14.2	267
6/30/2025	13:45:00	7.6	0.000	1.8	376,243	Closed	14.2	264
6/30/2025	14:00:00	7.6	1.998	1.6	376,269	Open	14.1	266
6/30/2025	14:15:00	7.6	0.000	1.6	376,294	Closed	14.4	264
6/30/2025	14:30:00	7.6	2.562	2	376,327	Open	14.1	267
6/30/2025	14:45:00	7.6	2.014	4.9	376,362	Open	14.4	267
6/30/2025	15:00:00	7.6	2.547	0.8	376,396	Open	14.4	269
6/30/2025	15:15:00	7.5	2.581	1.5	376,421	Open	14.5	269
6/30/2025	15:30:00	7.5	2.570	2.8	376,454	Open	14.5	269
6/30/2025	15:45:00	7.5	0.000	1.1	376,475	Closed	15.1	266
6/30/2025	16:00:00	7.5	2.017	3.9	376,510	Open	14.5	269
6/30/2025	16:15:00	7.5	2.547	2.9	376,544	Open	14.3	269
6/30/2025	16:30:00	7.5	2.578	2.3	376,568	Open	14.3	267
6/30/2025	16:45:00	7.5	2.014	2.1	376,603	Open	14.4	266
6/30/2025	17:00:00	7.5	0.000	1.6	376,636	Closed	14.3	264
6/30/2025	17:15:00	7.5	2.555	1.7	376,664	Open	14.3	266
6/30/2025	17:30:00	7.4	0.000	1.9	376,691	Closed	14.6	264
6/30/2025	17:45:00	7.4	2.070	1.1	376,720	Open	14.3	266
6/30/2025	18:00:00	7.4	0.000	2.7	376,753	Closed	14.2	266
6/30/2025	18:15:00	7.4	2.566	1.8	376,778	Open	14	266
6/30/2025	18:30:00	7.4	0.000	1.4	376,793	Closed	14.8	264

Date	Time	Discharge pH	Flow Rate (m3)	Discharge NTU	Flow Total (m3)	Discharge Valve Status	Discharge Temperature (°C)	Discharge Conductivity (uS/cm)
6/30/2025	18:45:00	7.4	0.000	0.8	376,811	Closed	14.6	266
6/30/2025	19:00:00	7.4	2.555	0.9	376,842	Open	13.8	266
6/30/2025	19:15:00	7.4	2.551	0.7	376,878	Open	13.6	266
6/30/2025	19:30:00	7.4	2.566	0.8	376,898	Open	13.7	266
6/30/2025	19:45:00	7.4	2.547	0.7	376,936	Open	13.5	264
6/30/2025	20:00:00	7.4	2.010	2.1	376,958	Open	13.6	264
6/30/2025	20:15:00	7.4	2.551	1.8	376,992	Open	13.4	264
6/30/2025	20:30:00	7.4	2.547	1.1	377,016	Open	13.4	263
6/30/2025	20:45:00	7.4	0.000	0.6	377,036	Closed	13.9	262
6/30/2025	21:00:00	7.4	2.559	1.6	377,063	Open	13.3	263
6/30/2025	21:15:00	7.4	2.199	1.4	377,100	Open	13.3	265
6/30/2025	21:30:00	7.4	0.000	1.7	377,125	Closed	13.6	262
6/30/2025	21:45:00	7.4	2.555	0.6	377,157	Open	13.3	265
6/30/2025	22:00:00	7.4	0.000	0.2	377,185	Closed	13.7	262
6/30/2025	22:15:00	7.4	2.559	0.3	377,209	Open	13.4	263
6/30/2025	22:30:00	7.4	2.532	0.4	377,247	Open	13.4	265
6/30/2025	22:45:00	7.4	2.014	0.5	377,267	Open	13.6	265
6/30/2025	23:00:00	7.4	2.566	1.2	377,305	Open	13.4	265
6/30/2025	23:15:00	7.4	2.551	0.9	377,343	Open	13.4	265
6/30/2025	23:30:00	7.4	0.000	1	377,366	Closed	13.9	263
6/30/2025	23:45:00	7.4	2.562	1.7	377,395	Open	13.5	267
7/1/2025	0:00:00	7.4	2.059	1.1	377,433	Open	13.6	267
7/1/2025	0:15:00	7.4	2.684	0.2	377,454	Open	14	272
7/1/2025	0:30:00	7.5	2.680	0.2	377,495	Open	13.5	273
7/1/2025	0:45:00	7.5	2.313	0.3	377,533	Open	13.6	273

Date	Time	Discharge pH	Flow Rate (m3)	Discharge NTU	Flow Total (m3)	Discharge Valve Status	Discharge Temperature (°C)	Discharge Conductivity (uS/cm)
7/1/2025	1:00:00	7.5	2.896	0.3	377,575	Open	13.5	273
7/1/2025	1:15:00	7.4	2.888	0.3	377,619	Open	13.6	273
7/1/2025	1:30:00	7.4	0.000	0.2	377,632	Closed	14.5	117
7/1/2025	1:45:00	7.4	2.888	0.2	377,663	Open	13.8	273
7/1/2025	2:00:00	7.4	2.290	0.2	377,686	Open	14.1	275
7/1/2025	2:15:00	7.4	2.903	0.4	377,708	Open	14.2	278
7/1/2025	2:30:00	7.5	2.896	0.4	377,742	Open	13.9	275
7/1/2025	2:45:00	7.5	2.297	0.5	377,781	Open	13.9	275
7/1/2025	3:00:00	7.5	2.888	0.6	377,823	Open	13.7	275
7/1/2025	3:15:00	7.7	0.689	400.3	377,825	Closed	15.4	117
7/1/2025	3:30:00	7.6	2.896	0.4	377,857	Open	13.7	273
7/1/2025	3:45:00	7.6	2.824	1.8	377,879	Open	15	273
7/1/2025	4:00:00	7.5	2.241	0.3	377,918	Closed	13.8	275
7/1/2025	4:15:00	7.5	2.861	0.5	377,936	Open	14	272
7/1/2025	4:30:00	7.5	2.831	0.8	377,979	Open	13.9	274
7/1/2025	4:45:00	7.5	2.154	0	378,000	Open	15.7	119
7/1/2025	5:00:00	7.5	2.759	0	378,041	Open	14.2	269
7/1/2025	5:15:00	7.5	2.778	0	378,063	Open	14.2	266
7/1/2025	5:30:00	7.4	2.782	0	378,100	Open	14.1	266
7/1/2025	5:45:00	7.4	2.411	0.1	378,141	Open	13.9	266
7/1/2025	6:00:00	7.4	0.375	0.2	378,158	Closed	14.1	118
7/1/2025	6:15:00	7.4	0.379	399.7	378,158	Closed	17.5	118
7/1/2025	6:30:00	7.3	0.367	398.7	378,158	Closed	19.6	119
7/1/2025	6:45:00	7.3	0.322	369.8	378,158	Closed	21.6	122
7/1/2025	7:00:00	7.3	0.367	382.7	378,158	Closed	24.1	121

Date	Time	Discharge pH	Flow Rate (m3)	Discharge NTU	Flow Total (m3)	Discharge Valve Status	Discharge Temperature (°C)	Discharge Conductivity (uS/cm)
7/1/2025	7:15:00	7.4	0.295	0	378,186	Closed	14.6	119
7/1/2025	7:30:00	7.4	2.759	0	378,193	Open	14.5	264
7/1/2025	7:45:00	7.4	0.257	0	378,216	Closed	14.4	116
7/1/2025	8:00:00	7.4	2.101	0	378,240	Open	13.5	267
7/1/2025	8:15:00	7.4	2.706	0.3	378,262	Open	13.4	264
7/1/2025	8:30:00	7.4	0.220	0.1	378,296	Closed	13.5	116
7/1/2025	8:45:00	7.4	2.127	0.5	378,321	Open	13.4	117
7/1/2025	9:00:00	7.4	2.710	0.1	378,361	Open	13.4	117
7/1/2025	9:15:00	7.4	2.827	0.1	378,385	Open	13.5	117
7/1/2025	9:30:00	7.4	0.238	0.1	378,408	Closed	14	117
7/1/2025	9:45:00	7.4	2.797	0.1	378,445	Open	13.6	117
7/1/2025	10:00:00	7.4	2.203	0	378,470	Open	14.2	117
7/1/2025	10:15:00	7.4	2.793	0	378,508	Open	13.7	117
7/1/2025	10:30:00	7.4	2.793	0.2	378,530	Open	13.8	117
7/1/2025	10:45:00	7.4	0.223	0.1	378,556	Closed	14.3	117
7/1/2025	11:00:00	7.4	2.790	0.1	378,596	Open	13.7	117
7/1/2025	11:15:00	7.4	2.767	0.1	378,637	Open	13.7	117
7/1/2025	11:30:00	7.4	0.000	0.1	378,669	Closed	13.9	117
7/1/2025	11:45:00	7.4	2.812	0.1	378,700	Open	13.8	117
7/1/2025	12:00:00	7.4	2.207	1.1	378,740	Open	13.8	117
7/1/2025	12:15:00	7.4	2.808	0.6	378,778	Open	13.8	117
7/1/2025	12:30:00	7.4	2.774	0.6	378,820	Open	13.7	117
7/1/2025	12:45:00	7.4	2.199	3	378,857	Open	13.8	117
7/1/2025	13:00:00	7.4	2.793	0.8	378,898	Open	13.7	117
7/1/2025	13:15:00	7.4	2.778	4.2	378,940	Open	13.8	117

Date	Time	Discharge pH	Flow Rate (m3)	Discharge NTU	Flow Total (m3)	Discharge Valve Status	Discharge Temperature (°C)	Discharge Conductivity (uS/cm)
7/1/2025	13:30:00	7.4	2.801	1.2	378,976	Open	13.8	117
7/1/2025	13:45:00	7.4	2.805	0.9	379,005	Open	13.8	117
7/1/2025	14:00:00	7.4	2.176	1.3	379,027	Open	14.7	117
7/1/2025	14:15:00	7.4	2.801	0	379,066	Open	14	117
7/1/2025	14:30:00	7.4	0.121	0	379,090	Closed	14.5	117
7/1/2025	14:45:00	7.4	2.203	0	379,113	Open	14.1	117
7/1/2025	15:00:00	7.4	2.627	0	379,139	Open	14.1	117
7/1/2025	15:15:00	7.4	2.604	0	379,179	Open	14	117
7/1/2025	15:30:00	7.4	2.608	0	379,213	Open	14	117
7/1/2025	15:45:00	7.4	2.593	0	379,252	Open	14	117
7/1/2025	16:00:00	7.4	0.000	0	379,285	Closed	14.2	117
7/1/2025	16:15:00	7.4	2.593	0	379,312	Open	14.1	117
7/1/2025	16:30:00	7.4	0.000	0	379,336	Closed	14.6	117
7/1/2025	16:45:00	7.4	2.044	0	379,367	Open	14.4	119
7/1/2025	17:00:00	7.4	2.585	0	379,389	Open	14.2	117
7/1/2025	17:15:00	7.4	0.000	0	379,393	Closed	15.7	117
7/1/2025	17:30:00	7.4	0.000	0	379,407	Closed	15.2	267
7/1/2025	17:45:00	7.4	2.597	0	379,440	Open	14.4	267
7/1/2025	18:00:00	7.4	2.040	0	379,477	Open	14.5	267
7/1/2025	18:15:00	7.4	2.574	0	379,513	Open	14.3	267
7/1/2025	18:30:00	7.4	2.562	0	379,551	Open	14.2	267
7/1/2025	18:45:00	7.4	2.033	0	379,585	Open	14.4	267
7/1/2025	19:00:00	7.4	2.559	0	379,623	Open	14.1	269
7/1/2025	19:15:00	7.4	2.574	0.8	379,638	Open	14.2	267
7/1/2025	19:30:00	7.4	2.570	0	379,671	Open	14.2	267

Date	Time	Discharge pH	Flow Rate (m3)	Discharge NTU	Flow Total (m3)	Discharge Valve Status	Discharge Temperature (°C)	Discharge Conductivity (uS/cm)
7/1/2025	19:45:00	7.4	2.578	0.5	379,696	Open	14.3	269
7/1/2025	20:00:00	7.4	2.017	0	379,732	Open	14.1	267
7/1/2025	20:15:00	7.4	2.581	0.5	379,754	Open	14.2	267
7/1/2025	20:30:00	7.4	2.562	0.1	379,793	Open	13.7	267
7/1/2025	20:45:00	7.4	1.590	1.5	379,815	Open	14.4	270
7/1/2025	21:00:00	7.4	0.000	0.2	379,837	Closed	14	268
7/1/2025	21:15:00	7.4	2.517	0.2	379,861	Open	13.6	268
7/1/2025	21:30:00	7.4	0.189	0.2	379,882	Closed	13.7	116
7/1/2025	21:45:00	7.4	2.540	0.7	379,894	Open	13.8	267
7/1/2025	22:00:00	7.3	3.032	0.6	379,937	Open	13.6	268
7/1/2025	22:15:00	7.3	3.009	0.8	379,982	Open	13.6	270
7/1/2025	22:30:00	7.3	2.415	0.6	380,022	Open	13.8	270
7/1/2025	22:45:00	7.4	2.695	0.6	380,042	Open	13.8	270
7/1/2025	23:00:00	7.4	2.615	0.5	380,067	Open	13.9	272
7/1/2025	23:15:00	7.4	2.010	0.7	380,100	Open	13.9	271
7/1/2025	23:30:00	7.4	0.000	3.2	380,112	Closed	13.6	271
7/1/2025	23:45:00	7.2	0.000	0.9	380,141	Closed	14	274
7/2/2025	0:00:00	7.2	2.570	0.3	380,161	Open	14	278
7/2/2025	0:15:00	7.2	2.245	1	380,201	Open	13.8	274
7/2/2025	0:30:00	7.3	2.774	1.2	380,237	Open	13.7	273
7/2/2025	0:45:00	7.4	2.475	1.3	380,275	Open	13.7	273
7/2/2025	1:00:00	7.4	1.847	1.4	380,294	Open	14.4	274
7/2/2025	1:15:00	7.4	1.893	2.5	380,329	Open	14	274
7/2/2025	1:30:00	7.5	2.456	4.3	380,361	Open	14.1	276
7/2/2025	1:45:00	7.5	2.438	3	380,389	Closed	14	279

FRONTIER-KEMPER MICHELS® joint venture		Eagle Mountain- Woodfibre Gas Pipeline Project- Tunnel Scope	
Title	**WoodFibre Weekly Water Discharge Report**	**Revision:**	**0**
Data Date Range	**June 30, 2025 to July 06, 2025**	**Prepared by:** **Approved by:** **Date:**	**SD** **BC2** **July 14, 2025**

Date	Time	Discharge pH	Flow Rate (m3)	Discharge NTU	Flow Total (m3)	Discharge Valve Status	Discharge Temperature (°C)	Discharge Conductivity (uS/cm)
7/2/2025	2:00:00	7.5	0.189	3.3	380,416	Closed	14.3	114
7/2/2025	2:15:00	7.4	2.521	1.8	380,441	Open	13.9	278
7/2/2025	2:30:00	7.4	2.521	1.5	380,479	Open	13.8	278
7/2/2025	2:45:00	7.4	2.536	4.8	380,500	Open	14.2	275
7/2/2025	3:00:00	7.4	2.502	1.4	380,538	Open	13.7	278
7/2/2025	3:15:00	7.4	1.983	0.8	380,575	Open	13.6	277
7/2/2025	3:30:00	7.4	2.585	3	380,590	Open	14.6	277
7/2/2025	3:45:00	7.4	2.513	1.1	380,627	Open	13.7	275
7/2/2025	4:00:00	7.4	0.216	0.8	380,650	Closed	14.2	275
7/2/2025	4:15:00	7.4	2.509	2	380,684	Open	13.7	273
7/2/2025	4:30:00	7.4	2.498	1.1	380,722	Open	13.5	273
7/2/2025	4:45:00	7.4	2.472	1.6	380,741	Closed	14.1	273
7/2/2025	5:00:00	7.3	2.521	0.3	380,778	Open	13.9	272
7/2/2025	5:15:00	7.3	1.964	0.1	380,815	Open	14.2	269
7/2/2025	5:30:00	7.4	0.212	2.4	380,824	Closed	15.6	272
7/2/2025	5:45:00	7.3	2.506	0.6	380,860	Open	14	268
7/2/2025	6:00:00	7.3	0.159	0.5	380,885	Closed	14.7	116
7/2/2025	6:15:00	7.3	2.498	0.5	380,917	Open	14.2	268
7/2/2025	6:30:00	7.3	2.494	0	380,955	Open	14.5	268
7/2/2025	6:45:00	7.3	2.366	3.2	380,987	Open	15.5	267
7/2/2025	7:00:00	7.3	2.509	0.4	381,010	Open	14.7	264
7/2/2025	7:15:00	7.3	1.972	0.9	381,032	Open	14.3	268
7/2/2025	7:30:00	7.3	2.506	1.8	381,065	Open	13.9	267
7/2/2025	7:45:00	7.3	2.525	1.8	381,087	Open	13.9	267
7/2/2025	8:00:00	7.3	0.000	3	381,117	Closed	14	267

Date	Time	Discharge pH	Flow Rate (m3)	Discharge NTU	Flow Total (m3)	Discharge Valve Status	Discharge Temperature (°C)	Discharge Conductivity (uS/cm)
7/2/2025	8:15:00	7.3	2.521	2	381,145	Open	13.4	263
7/2/2025	8:30:00	7.3	0.000	0.5	381,173	Closed	13.8	265
7/2/2025	8:45:00	7.2	2.479	3.8	381,196	Open	13.7	267
7/2/2025	9:00:00	7.2	2.475	0.6	381,233	Open	13.6	267
7/2/2025	9:15:00	7.2	0.000	0.4	381,258	Closed	14	267
7/2/2025	9:30:00	7.2	1.961	6	381,290	Open	14.2	268
7/2/2025	9:45:00	7.3	0.000	1.8	381,321	Closed	13.8	268
7/2/2025	10:00:00	7.3	2.449	1.2	381,346	Open	13.8	268
7/2/2025	10:15:00	7.3	2.468	2.5	381,366	Open	14.3	267
7/2/2025	10:30:00	7.3	2.453	1.3	381,403	Open	13.7	265
7/2/2025	10:45:00	7.3	1.870	0.8	381,439	Open	13.7	265
7/2/2025	11:00:00	7.3	2.468	5.1	381,460	Open	13.8	268
7/2/2025	11:15:00	7.3	2.377	1.3	381,496	Open	13.7	268
7/2/2025	11:30:00	7.3	0.000	5.4	381,524	Closed	14	268
7/2/2025	11:45:00	7.3	2.396	2.4	381,541	Open	14	268
7/2/2025	12:00:00	7.3	2.381	1.2	381,577	Open	14.1	268
7/2/2025	12:15:00	7.4	2.392	1.7	381,608	Open	14.2	272
7/2/2025	12:30:00	7.4	2.385	1.7	381,644	Open	14.1	272
7/2/2025	12:45:00	7.4	1.862	1.8	381,678	Open	14.3	272
7/2/2025	13:00:00	7.4	2.434	2	381,693	Open	14.5	272
7/2/2025	13:15:00	7.3	2.430	0.6	381,729	Open	14.4	272
7/2/2025	13:30:00	7.3	1.885	2.1	381,761	Open	14.6	272
7/2/2025	13:45:00	7.3	2.415	0.7	381,797	Open	14.5	272
7/2/2025	14:00:00	7.3	2.396	0.6	381,833	Open	14.4	272
7/2/2025	14:15:00	7.3	2.415	1.2	381,864	Open	14.4	272

Date	Time	Discharge pH	Flow Rate (m3)	Discharge NTU	Flow Total (m3)	Discharge Valve Status	Discharge Temperature (°C)	Discharge Conductivity (uS/cm)
7/2/2025	14:30:00	7.3	2.407	0.9	381,900	Open	14.2	272
7/2/2025	14:45:00	7.3	1.805	2	381,912	Open	14.2	270
7/2/2025	15:00:00	7.3	2.415	0.7	381,945	Open	14.2	270
7/2/2025	15:15:00	7.3	2.392	1.3	381,981	Open	14.2	271
7/2/2025	15:30:00	7.3	1.877	17	382,002	Open	14.6	271
7/2/2025	15:45:00	7.3	2.407	0.3	382,038	Open	14.1	268
7/2/2025	16:00:00	7.3	2.396	0.5	382,056	Open	14.8	270
7/2/2025	16:15:00	7.3	2.415	0.7	382,087	Open	14.3	270
7/2/2025	16:30:00	7.3	2.403	0.3	382,123	Open	14.2	271
7/2/2025	16:45:00	7.3	1.855	0.5	382,158	Open	14.4	270
7/2/2025	17:00:00	7.3	2.419	1.6	382,178	Open	14.3	270
7/2/2025	17:15:00	7.3	2.422	0.6	382,215	Open	14.2	267
7/2/2025	17:30:00	7.3	1.862	1.1	382,246	Open	14.5	267
7/2/2025	17:45:00	7.3	2.396	0.2	382,282	Open	14.2	267
7/2/2025	18:00:00	7.3	2.422	0.6	382,293	Open	14.7	268
7/2/2025	18:15:00	7.3	2.434	4.2	382,310	Open	14.8	268
7/2/2025	18:30:00	7.3	2.430	0.3	382,346	Open	14	267
7/2/2025	18:45:00	7.3	1.862	2.7	382,380	Open	14	266
7/2/2025	19:00:00	7.3	2.415	0.2	382,413	Open	13.7	265
7/2/2025	19:15:00	7.3	2.422	0.9	382,436	Open	13.8	265
7/2/2025	19:30:00	7.3	1.866	0.7	382,468	Open	14.1	266
7/2/2025	19:45:00	7.3	2.411	0.7	382,504	Open	13.7	265
7/2/2025	20:00:00	7.3	2.407	0.1	382,540	Open	13.7	265
7/2/2025	20:15:00	7.3	2.422	2.2	382,556	Open	13.8	265
7/2/2025	20:30:00	7.3	2.411	0.1	382,575	Open	13.7	265

Date	Time	Discharge pH	Flow Rate (m3)	Discharge NTU	Flow Total (m3)	Discharge Valve Status	Discharge Temperature (°C)	Discharge Conductivity (uS/cm)
7/2/2025	20:45:00	7.3	1.877	0.8	382,594	Open	13.9	265
7/2/2025	21:00:00	7.3	2.426	0.5	382,627	Open	13.4	267
7/2/2025	21:15:00	7.3	2.426	0.3	382,663	Open	13.3	265
7/2/2025	21:30:00	7.3	1.877	1.7	382,695	Open	13.6	264
7/2/2025	21:45:00	7.3	2.426	1.6	382,731	Open	13.4	265
7/2/2025	22:00:00	7.3	2.419	1.1	382,768	Open	13.3	265
7/2/2025	22:15:00	7.3	2.385	2.7	382,788	Open	14	268
7/2/2025	22:30:00	7.3	2.453	0.8	382,824	Open	13.3	268
7/2/2025	22:45:00	7.3	1.711	1.1	382,859	Open	13.4	267
7/2/2025	23:00:00	7.3	2.392	2	382,890	Open	13.2	263
7/2/2025	23:15:00	7.3	0.000	3	382,925	Closed	13.1	263
7/2/2025	23:30:00	7.3	1.715	5.6	382,925	Closed	13.1	264
7/2/2025	23:45:00	7.3	0.000	3.5	382,945	Closed	13	263
7/3/2025	0:00:00	7.3	2.487	1.8	382,963	Open	13	264
7/3/2025	0:15:00	7.3	2.509	2.9	382,981	Open	13.6	264
7/3/2025	0:30:00	7.3	2.491	0.2	383,019	Open	13	265
7/3/2025	0:45:00	7.3	0.000	1.1	383,051	Closed	13.2	267
7/3/2025	1:00:00	7.3	2.483	0.3	383,068	Open	13.1	265
7/3/2025	1:15:00	7.3	2.460	0.6	383,105	Open	13	267
7/3/2025	1:30:00	7.3	1.908	1.4	383,123	Open	13.3	268
7/3/2025	1:45:00	7.3	2.491	0.8	383,160	Open	13.1	267
7/3/2025	2:00:00	7.3	2.475	0.7	383,197	Open	13.1	268
7/3/2025	2:15:00	7.4	2.475	0	383,229	Open	13.6	266
7/3/2025	2:30:00	7.4	2.498	0	383,253	Open	14	262
7/3/2025	2:45:00	7.4	1.896	0	383,288	Open	14.6	262

Date	Time	Discharge pH	Flow Rate (m3)	Discharge NTU	Flow Total (m3)	Discharge Valve Status	Discharge Temperature (°C)	Discharge Conductivity (uS/cm)
7/3/2025	3:00:00	7.4	2.479	0	383,308	Open	14.3	261
7/3/2025	3:15:00	7.3	2.468	0.8	383,345	Open	14	264
7/3/2025	3:30:00	7.3	1.911	3.4	383,362	Open	14.3	267
7/3/2025	3:45:00	7.3	2.487	0	383,399	Open	13.8	266
7/3/2025	4:00:00	7.4	2.475	0	383,436	Open	14.2	262
7/3/2025	4:15:00	7.4	0.000	0	383,461	Closed	15	261
7/3/2025	4:30:00	7.4	2.464	0	383,493	Open	14.6	260
7/3/2025	4:45:00	7.3	1.911	1	383,528	Open	14.5	261
7/3/2025	5:00:00	7.3	2.506	0.6	383,548	Open	14.7	264
7/3/2025	5:15:00	7.3	2.491	1.3	383,585	Open	13.9	268
7/3/2025	5:30:00	7.3	1.923	9.9	383,617	Open	14	266
7/3/2025	5:45:00	7.3	0.000	1.5	383,642	Closed	14.1	266
7/3/2025	6:00:00	7.3	2.487	8.5	383,678	Open	13.6	264
7/3/2025	6:15:00	7.3	0.235	9	383,704	Open	13.9	117
7/3/2025	6:30:00	7.3	2.487	7.9	383,731	Open	13.4	263
7/3/2025	6:45:00	7.3	1.942	27	383,752	Open	13.6	264
7/3/2025	7:00:00	7.4	1.919	9.9	383,777	Open	14.4	264
7/3/2025	7:15:00	7.3	0.000	3.4	383,799	Closed	13.9	263
7/3/2025	7:30:00	7.3	2.509	4.6	383,833	Open	13.7	259
7/3/2025	7:45:00	7.3	1.858	12.7	383,858	Open	13.8	261
7/3/2025	8:00:00	7.3	2.385	5.9	383,890	Open	13.2	263
7/3/2025	8:15:00	7.3	2.324	13.7	383,924	Open	13.1	265
7/3/2025	8:30:00	7.5	0.000	400.6	383,944	Closed	13.9	263
7/3/2025	8:45:00	7.4	2.419	7.6	383,961	Open	13.1	263
7/3/2025	9:00:00	7.3	1.836	20	383,994	Open	13.2	263

FRONTIER-KEMPER MICHELS® joint venture		Eagle Mountain- Woodfibre Gas Pipeline Project- Tunnel Scope	
Title	**WoodFibre Weekly Water Discharge Report**	**Revision:**	**0**
Data Date Range	**June 30, 2025 to July 06, 2025**	**Prepared by:** **Approved by:** **Date:**	**SD** **BC2** **July 14, 2025**

Date	Time	Discharge pH	Flow Rate (m3)	Discharge NTU	Flow Total (m3)	Discharge Valve Status	Discharge Temperature (°C)	Discharge Conductivity (uS/cm)
7/3/2025	9:15:00	7.3	2.472	2.5	384,027	Open	13.1	263
7/3/2025	9:30:00	7.3	2.460	2	384,064	Open	13.1	265
7/3/2025	9:45:00	7.3	1.949	3.1	384,096	Open	13.6	266
7/3/2025	10:00:00	7.3	2.460	3.6	384,132	Open	13.5	267
7/3/2025	10:15:00	7.3	2.456	2.5	384,169	Open	13.7	268
7/3/2025	10:30:00	7.3	2.377	3.6	384,182	Open	13.6	268
7/3/2025	10:45:00	7.3	2.445	1.8	384,219	Open	13.8	270
7/3/2025	11:00:00	7.3	1.923	0.9	384,253	Open	14	270
7/3/2025	11:15:00	7.3	2.460	1.4	384,268	Open	14.2	272
7/3/2025	11:30:00	7.3	2.464	1	384,287	Open	14.3	272
7/3/2025	11:45:00	7.3	1.771	5	384,318	Closed	14.3	272
7/3/2025	12:00:00	7.3	2.483	3.8	384,334	Open	14.1	270
7/3/2025	12:15:00	7.3	2.456	4.9	384,371	Open	14	268
7/3/2025	12:30:00	7.3	2.385	3.9	384,377	Closed	14.1	268
7/3/2025	12:45:00	7.3	2.453	1.2	384,414	Open	14.2	269
7/3/2025	13:00:00	7.3	1.949	1	384,448	Open	14.5	269
7/3/2025	13:15:00	7.4	2.449	0.9	384,482	Open	14.4	270
7/3/2025	13:30:00	7.4	0.000	2.2	384,507	Closed	14.7	270
7/3/2025	13:45:00	7.4	1.919	3.7	384,531	Open	14.8	270
7/3/2025	14:00:00	7.4	2.358	4.2	384,560	Closed	14.2	272
7/3/2025	14:15:00	7.4	2.445	1	384,577	Open	14.2	272
7/3/2025	14:30:00	7.5	2.362	10.3	384,587	Open	14.6	268
7/3/2025	14:45:00	7.4	2.350	1.7	384,623	Open	13.8	271
7/3/2025	15:00:00	7.4	1.821	5	384,656	Open	14	272
7/3/2025	15:15:00	7.4	2.385	1	384,677	Open	13.9	272

FRONTIER-KEMPER MICHELS® joint venture		Eagle Mountain- Woodfibre Gas Pipeline Project- Tunnel Scope	
Title	**WoodFibre Weekly Water Discharge Report**	**Revision:**	**0**
Data Date Range	**June 30, 2025 to July 06, 2025**	**Prepared by:** **Approved by:** **Date:**	**SD** **BC2** **July 14, 2025**

Date	Time	Discharge pH	Flow Rate (m3)	Discharge NTU	Flow Total (m3)	Discharge Valve Status	Discharge Temperature (°C)	Discharge Conductivity (uS/cm)
7/3/2025	15:30:00	7.4	2.385	1.5	384,712	Open	13.9	272
7/3/2025	15:45:00	7.4	1.843	2.4	384,743	Open	14.1	276
7/3/2025	16:00:00	7.4	2.358	1.5	384,778	Open	13.9	275
7/3/2025	16:15:00	7.4	0.269	1.4	384,799	Open	14.8	117
7/3/2025	16:30:00	7.4	2.362	1.1	384,823	Open	14	272
7/3/2025	16:45:00	7.5	2.362	1.3	384,858	Open	13.7	274
7/3/2025	17:00:00	7.4	0.182	10.7	384,890	Open	13.9	273
7/3/2025	17:15:00	7.4	2.358	0.7	384,914	Open	13.8	270
7/3/2025	17:30:00	7.4	2.373	1.2	384,924	Open	13.8	268
7/3/2025	17:45:00	7.3	1.896	5.7	384,956	Open	14.1	268
7/3/2025	18:00:00	7.3	2.453	0.7	384,992	Open	13.9	268
7/3/2025	18:15:00	7.3	2.426	0.9	385,029	Open	13.9	268
7/3/2025	18:30:00	7.4	2.441	0.9	385,060	Open	13.9	269
7/3/2025	18:45:00	7.4	2.415	0.9	385,097	Open	13.7	268
7/3/2025	19:00:00	7.4	0.367	2.6	385,129	Closed	13.9	117
7/3/2025	19:15:00	7.3	2.430	1	385,153	Open	13.6	265
7/3/2025	19:30:00	7.3	2.422	1.6	385,190	Open	13.6	267
7/3/2025	19:45:00	7.3	1.874	8.7	385,207	Open	14.1	263
7/3/2025	20:00:00	7.3	2.426	1.4	385,243	Open	13.4	265
7/3/2025	20:15:00	7.3	2.430	1.9	385,264	Open	13.4	263
7/3/2025	20:30:00	7.3	0.314	3.9	385,275	Closed	15.1	116
7/3/2025	20:45:00	7.3	2.430	1.1	385,299	Open	13.2	265
7/3/2025	21:00:00	7.3	1.824	11.8	385,321	Open	13.6	263
7/3/2025	21:15:00	7.3	2.381	1.2	385,355	Open	13	265
7/3/2025	21:30:00	7.3	2.400	3.7	385,391	Open	13	265

FRONTIER-KEMPER MICHELS® joint venture		Eagle Mountain- Woodfibre Gas Pipeline Project- Tunnel Scope	
Title	**WoodFibre Weekly Water Discharge Report**	**Revision:**	**0**
Data Date Range	**June 30, 2025 to July 06, 2025**	**Prepared by:** **Approved by:** **Date:**	**SD** **BC2** **July 14, 2025**

Date	Time	Discharge pH	Flow Rate (m3)	Discharge NTU	Flow Total (m3)	Discharge Valve Status	Discharge Temperature (°C)	Discharge Conductivity (uS/cm)
7/3/2025	21:45:00	7.3	2.279	5.5	385,421	Open	13.5	266
7/3/2025	22:00:00	7.3	2.388	5.6	385,457	Open	14.1	265
7/3/2025	22:15:00	7.3	0.314	1.7	385,490	Open	13	114
7/3/2025	22:30:00	7.3	2.275	1.6	385,511	Open	12.8	266
7/3/2025	22:45:00	7.3	2.260	2	385,545	Open	12.7	266
7/3/2025	23:00:00	7.3	1.525	8.7	385,561	Open	12.9	266
7/3/2025	23:15:00	7.3	0.170	1.1	385,585	Closed	13	266
7/3/2025	23:30:00	7.3	2.260	1.3	385,601	Open	12.8	264
7/3/2025	23:45:00	7.3	2.275	2.5	385,630	Open	12.9	264
7/4/2025	0:00:00	7.3	2.256	2.3	385,664	Open	12.6	264
7/4/2025	0:15:00	7.3	2.271	1.8	385,698	Open	12.7	264
7/4/2025	0:30:00	7.3	2.275	1.2	385,727	Open	12.7	267
7/4/2025	0:45:00	7.4	2.271	1.1	385,761	Open	12.9	268
7/4/2025	1:00:00	7.4	1.828	5.9	385,790	Open	13.1	267
7/4/2025	1:15:00	7.4	0.155	1.6	385,811	Closed	14	119
7/4/2025	1:30:00	7.4	2.263	1.3	385,835	Open	13.4	265
7/4/2025	1:45:00	7.4	2.263	3.7	385,850	Open	13.5	262
7/4/2025	2:00:00	7.4	2.275	1.2	385,884	Open	13	266
7/4/2025	2:15:00	7.4	2.256	1.9	385,918	Open	12.9	264
7/4/2025	2:30:00	7.4	2.309	2.2	385,946	Open	12.9	262
7/4/2025	2:45:00	7.4	2.267	2.3	385,980	Open	12.9	266
7/4/2025	3:00:00	7.4	1.677	7.6	386,010	Open	13.1	263
7/4/2025	3:15:00	7.4	2.275	1.1	386,021	Open	13.6	259
7/4/2025	3:30:00	7.4	0.144	1.3	386,032	Closed	14.8	118
7/4/2025	3:45:00	7.4	0.000	7.6	386,045	Closed	14	117

FRONTIER-KEMPER MICHELS® joint venture		Eagle Mountain- Woodfibre Gas Pipeline Project- Tunnel Scope	
Title	**WoodFibre Weekly Water Discharge Report**	**Revision:**	**0**
Data Date Range	**June 30, 2025 to July 06, 2025**	**Prepared by:** **Approved by:** **Date:**	**SD** **BC2** **July 14, 2025**

Date	Time	Discharge pH	Flow Rate (m3)	Discharge NTU	Flow Total (m3)	Discharge Valve Status	Discharge Temperature (°C)	Discharge Conductivity (uS/cm)
7/4/2025	4:00:00	7.3	2.290	0.8	386,056	Open	12.8	117
7/4/2025	4:15:00	7.3	1.771	2.7	386,091	Open	12.6	117
7/4/2025	4:30:00	7.3	3.066	2	386,122	Open	12.9	119
7/4/2025	4:45:00	7.3	3.384	0.8	386,170	Open	13.1	121
7/4/2025	5:00:00	7.3	0.000	1.9	386,218	Closed	13.4	122
7/4/2025	5:15:00	7.3	2.763	1.1	386,248	Open	13.6	123
7/4/2025	5:30:00	7.3	2.771	2.3	386,263	Open	13.7	122
7/4/2025	5:45:00	7.4	0.125	8.2	386,280	Closed	14.4	119
7/4/2025	6:00:00	7.3	2.468	0.7	386,307	Open	13	266
7/4/2025	6:15:00	7.3	2.468	1.9	386,344	Open	12.9	267
7/4/2025	6:30:00	7.3	1.870	12.2	386,376	Open	12.8	267
7/4/2025	6:45:00	7.3	2.513	3.2	386,397	Open	12.8	116
7/4/2025	7:00:00	7.3	2.491	2.1	386,434	Open	12.8	116
7/4/2025	7:15:00	7.4	2.131	10.1	386,463	Open	12.9	116
7/4/2025	7:30:00	7.3	2.506	0.3	386,501	Open	12.6	116
7/4/2025	7:45:00	7.3	2.487	0.7	386,538	Open	12.5	116
7/4/2025	8:00:00	7.3	2.498	0.8	386,571	Open	12.5	116
7/4/2025	8:15:00	7.3	2.483	3.3	386,608	Open	12.4	114
7/4/2025	8:30:00	7.3	1.662	8	386,624	Open	12.6	265
7/4/2025	8:45:00	7.3	2.445	1.5	386,657	Open	12.4	263
7/4/2025	9:00:00	7.3	2.445	1.3	386,693	Open	12.3	265
7/4/2025	9:15:00	7.3	1.889	2.6	386,725	Open	12.5	265
7/4/2025	9:30:00	7.3	2.449	2.6	386,761	Open	12.5	265
7/4/2025	9:45:00	7.3	2.434	1.5	386,798	Open	12.6	265
7/4/2025	10:00:00	7.3	0.000	16	386,819	Closed	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	**June 30, 2025 to July 06, 2025**	**Prepared by:** **Approved by:** **Date:**	**SD** **BC2** **July 14, 2025**

Date	Time	Discharge pH	Flow Rate (m3)	Discharge NTU	Flow Total (m3)	Discharge Valve Status	Discharge Temperature (°C)	Discharge Conductivity (uS/cm)
7/4/2025	10:15:00	7.3	2.468	1.5	386,850	Open	12.6	265
7/4/2025	10:30:00	7.3	0.000	10.9	386,880	Closed	12.7	116
7/4/2025	10:45:00	7.3	2.472	1.7	386,905	Open	12.5	116
7/4/2025	11:00:00	7.3	0.000	1.7	386,939	Closed	12.6	116
7/4/2025	11:15:00	7.3	1.877	4.2	386,951	Open	12.7	260
7/4/2025	11:30:00	7.3	2.464	1	386,987	Open	12.6	265
7/4/2025	11:45:00	7.3	2.445	1.9	387,024	Open	12.7	265
7/4/2025	12:00:00	7.3	2.464	1.1	387,056	Open	13	263
7/4/2025	12:15:00	7.3	2.460	1.9	387,092	Open	13.1	265
7/4/2025	12:30:00	7.3	1.836	5.5	387,126	Open	13.2	265
7/4/2025	12:45:00	7.4	2.456	1.6	387,148	Open	13.5	265
7/4/2025	13:00:00	7.3	2.449	2.3	387,184	Open	13	265
7/4/2025	13:15:00	7.3	1.889	3.7	387,214	Open	13.1	263
7/4/2025	13:30:00	7.3	2.456	3.2	387,238	Open	13	263
7/4/2025	13:45:00	7.3	2.434	3.3	387,275	Open	12.9	263
7/4/2025	14:00:00	7.3	2.475	4.9	387,294	Open	13.2	260
7/4/2025	14:15:00	7.3	1.896	7.3	387,330	Open	12.9	262
7/4/2025	14:30:00	7.3	0.000	7.5	387,355	Closed	12.9	117
7/4/2025	14:45:00	7.3	2.472	6.9	387,379	Open	13	117
7/4/2025	15:00:00	7.3	1.718	15.2	387,409	Open	12.9	117
7/4/2025	15:15:00	7.3	2.335	6.9	387,429	Open	12.8	116
7/4/2025	15:30:00	7.3	2.419	7.7	387,466	Open	12.7	116
7/4/2025	15:45:00	7.3	2.430	13.9	387,481	Open	12.7	116
7/4/2025	16:00:00	7.3	2.407	1.8	387,518	Open	12.6	116
7/4/2025	16:15:00	7.3	1.866	1.7	387,532	Open	12.8	117

FRONTIER-KEMPER MICHELS® joint venture		Eagle Mountain- Woodfibre Gas Pipeline Project- Tunnel Scope	
Title	**WoodFibre Weekly Water Discharge Report**	**Revision:**	**0**
Data Date Range	**June 30, 2025 to July 06, 2025**	**Prepared by:** **Approved by:** **Date:**	**SD** **BC2** **July 14, 2025**

Date	Time	Discharge pH	Flow Rate (m3)	Discharge NTU	Flow Total (m3)	Discharge Valve Status	Discharge Temperature (°C)	Discharge Conductivity (uS/cm)
7/4/2025	16:30:00	7.4	2.407	1.1	387,563	Open	12.9	117
7/4/2025	16:45:00	7.4	2.426	2.3	387,586	Open	12.8	117
7/4/2025	17:00:00	7.4	1.821	5.8	387,618	Open	12.8	117
7/4/2025	17:15:00	7.4	2.392	2.1	387,652	Open	12.8	117
7/4/2025	17:30:00	7.4	2.422	2.8	387,674	Open	13	117
7/4/2025	17:45:00	7.4	2.419	3.4	387,705	Open	13.1	117
7/4/2025	18:00:00	7.4	2.396	2	387,740	Open	12.9	117
7/4/2025	18:15:00	7.4	1.843	5.8	387,762	Open	12.8	117
7/4/2025	18:30:00	7.4	2.403	1	387,793	Open	12.7	117
7/4/2025	18:45:00	7.4	2.411	1.4	387,807	Open	12.8	117
7/4/2025	19:00:00	7.4	1.832	3.7	387,840	Open	12.7	117
7/4/2025	19:15:00	7.4	2.479	2.5	387,862	Open	12.6	116
7/4/2025	19:30:00	7.4	2.453	2	387,899	Open	12.5	117
7/4/2025	19:45:00	7.4	0.000	2.7	387,923	Closed	12.7	116
7/4/2025	20:00:00	7.4	2.460	1.3	387,951	Open	12.3	116
7/4/2025	20:15:00	7.4	1.885	4.6	387,987	Open	12.2	116
7/4/2025	20:30:00	7.4	2.460	1.1	388,002	Open	12.3	116
7/4/2025	20:45:00	7.4	2.441	2.9	388,039	Open	12.3	114
7/4/2025	21:00:00	7.4	1.885	13.5	388,072	Open	12.3	114
7/4/2025	21:15:00	7.4	2.438	2.3	388,106	Open	12.2	114
7/4/2025	21:30:00	7.4	2.434	3.5	388,143	Open	12.4	116
7/4/2025	21:45:00	7.4	2.135	5.9	388,171	Open	12.4	114
7/4/2025	22:00:00	7.4	2.415	3	388,205	Open	12.4	114
7/4/2025	22:15:00	7.4	1.862	17.5	388,229	Open	12.4	114
7/4/2025	22:30:00	7.4	2.419	3.6	388,259	Open	12.4	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	**June 30, 2025 to July 06, 2025**	**Prepared by:** **Approved by:** **Date:**	**SD** **BC2** **July 14, 2025**

Date	Time	Discharge pH	Flow Rate (m3)	Discharge NTU	Flow Total (m3)	Discharge Valve Status	Discharge Temperature (°C)	Discharge Conductivity (uS/cm)
7/4/2025	22:45:00	7.4	2.498	3.3	388,296	Open	12.3	116
7/4/2025	23:00:00	7.4	1.927	8.2	388,330	Open	12.7	119
7/4/2025	23:15:00	7.4	2.521	2.6	388,350	Open	13.3	121
7/4/2025	23:30:00	7.4	2.494	1	388,388	Open	12.7	119
7/4/2025	23:45:00	7.4	2.502	2.4	388,406	Open	13	118
7/5/2025	0:00:00	7.3	2.472	1.6	388,443	Open	12.4	117
7/5/2025	0:15:00	7.3	1.609	4.8	388,464	Open	12.4	117
7/5/2025	0:30:00	7.3	0.000	3.2	388,464	Closed	13.8	117
7/5/2025	0:45:00	7.3	2.487	2.8	388,467	Open	14	257
7/5/2025	1:00:00	7.3	0.000	0.5	388,476	Closed	13.5	116
7/5/2025	1:15:00	7.3	0.000	2.4	388,476	Closed	14.6	116
7/5/2025	1:30:00	7.2	1.824	10	388,505	Open	12.3	273
7/5/2025	1:45:00	7	2.475	3.9	388,538	Open	12.2	288
7/5/2025	2:00:00	7.1	2.468	5.3	388,575	Open	12.2	294
7/5/2025	2:15:00	7.2	1.927	11.3	388,606	Open	12.3	296
7/5/2025	2:30:00	7.3	2.472	4.6	388,642	Open	12.2	296
7/5/2025	2:45:00	7.3	2.449	6	388,679	Open	12.2	302
7/5/2025	3:00:00	7.2	2.460	3.9	388,709	Open	12.6	298
7/5/2025	3:15:00	7	2.456	3.7	388,746	Open	12.7	302
7/5/2025	3:30:00	7	0.000	3.8	388,768	Closed	13.4	304
7/5/2025	3:45:00	7	2.475	2.6	388,796	Open	12.6	303
7/5/2025	4:00:00	7.2	2.464	3.7	388,833	Open	12.5	302
7/5/2025	4:15:00	7.3	0.000	18.9	388,857	Closed	12.8	299
7/5/2025	4:30:00	7.4	2.491	2.2	388,889	Open	12.7	297
7/5/2025	4:45:00	7.4	2.483	3.2	388,926	Open	12.8	287

FRONTIER-KEMPER MICHELS® joint venture		Eagle Mountain- Woodfibre Gas Pipeline Project- Tunnel Scope	
Title	**WoodFibre Weekly Water Discharge Report**	**Revision:**	**0**
Data Date Range	**June 30, 2025 to July 06, 2025**	**Prepared by:** **Approved by:** **Date:**	**SD** **BC2** **July 14, 2025**

Date	Time	Discharge pH	Flow Rate (m3)	Discharge NTU	Flow Total (m3)	Discharge Valve Status	Discharge Temperature (°C)	Discharge Conductivity (uS/cm)
7/5/2025	5:00:00	7.5	2.502	2.2	388,955	Open	12.9	286
7/5/2025	5:15:00	7.5	2.479	3.3	388,993	Open	12.8	286
7/5/2025	5:30:00	7.5	1.945	5.6	389,013	Open	13.1	291
7/5/2025	5:45:00	7.5	2.487	2.5	389,045	Open	13.1	287
7/5/2025	6:00:00	7.5	2.479	5.9	389,082	Open	13.2	286
7/5/2025	6:15:00	7.5	0.000	22.1	389,107	Closed	13.4	283
7/5/2025	6:30:00	7.5	2.475	4.6	389,133	Open	12.9	281
7/5/2025	6:45:00	7.5	2.483	5.2	389,156	Open	13	279
7/5/2025	7:00:00	7.5	2.494	4.2	389,184	Open	12.6	281
7/5/2025	7:15:00	7.5	2.498	8.1	389,208	Open	13.3	273
7/5/2025	7:30:00	7.5	1.847	13.4	389,243	Open	12.8	277
7/5/2025	7:45:00	7.5	2.491	2.3	389,276	Open	12.5	274
7/5/2025	8:00:00	7.5	2.479	3.5	389,314	Open	12.4	274
7/5/2025	8:15:00	7.5	1.889	6.5	389,345	Open	12.4	275
7/5/2025	8:30:00	7.5	2.472	3.3	389,381	Open	12.3	274
7/5/2025	8:45:00	7.4	2.494	5.4	389,404	Open	12.4	270
7/5/2025	9:00:00	7.4	2.483	2	389,436	Open	12.4	271
7/5/2025	9:15:00	7.4	2.468	5.1	389,473	Open	12.3	270
7/5/2025	9:30:00	7.4	2.048	16.2	389,506	Open	12.4	271
7/5/2025	9:45:00	7.4	2.509	6.3	389,537	Open	12.5	270
7/5/2025	10:00:00	7.4	2.513	7.1	389,552	Open	13.2	267
7/5/2025	10:15:00	7.4	1.942	11.4	389,581	Open	12.8	268
7/5/2025	10:30:00	7.4	2.536	6	389,618	Open	12.8	268
7/5/2025	10:45:00	7.4	2.528	8.9	389,656	Open	12.8	272
7/5/2025	11:00:00	7.4	2.540	4.3	389,683	Open	12.9	272

FRONTIER-KEMPER MICHELS® joint venture		Eagle Mountain- Woodfibre Gas Pipeline Project- Tunnel Scope	
Title	**WoodFibre Weekly Water Discharge Report**	**Revision:**	**0**
Data Date Range	**June 30, 2025 to July 06, 2025**	**Prepared by:** **Approved by:** **Date:**	**SD** **BC2** **July 14, 2025**

Date	Time	Discharge pH	Flow Rate (m3)	Discharge NTU	Flow Total (m3)	Discharge Valve Status	Discharge Temperature (°C)	Discharge Conductivity (uS/cm)
7/5/2025	11:15:00	7.4	2.525	5.9	389,721	Open	12.9	272
7/5/2025	11:30:00	7.4	1.631	20.7	389,754	Open	13	272
7/5/2025	11:45:00	7.4	2.547	8.4	389,767	Open	13.2	270
7/5/2025	12:00:00	7.4	2.525	4.9	389,805	Open	13	270
7/5/2025	12:15:00	7.4	0.000	9.3	389,831	Closed	13.3	271
7/5/2025	12:30:00	7.3	2.589	4.3	389,860	Open	13.2	271
7/5/2025	12:45:00	7.3	0.466	7	389,897	Closed	13.2	270
7/5/2025	13:00:00	7.3	2.456	2.1	389,912	Open	13.2	270
7/5/2025	13:15:00	7.3	2.445	4	389,948	Open	13.1	272
7/5/2025	13:30:00	7.3	1.828	17.1	389,983	Open	13.2	272
7/5/2025	13:45:00	7.3	2.453	4.1	390,013	Open	13.2	271
7/5/2025	14:00:00	7.3	2.430	4.2	390,050	Open	13.2	271
7/5/2025	14:15:00	7.3	1.904	5.5	390,079	Open	13.2	270
7/5/2025	14:30:00	7.3	2.456	1.9	390,096	Open	13.2	269
7/5/2025	14:45:00	7.3	2.434	4.6	390,132	Open	13.1	267
7/5/2025	15:00:00	7.3	2.441	3.9	390,161	Open	13.1	267
7/5/2025	15:15:00	7.3	2.464	3.8	390,185	Open	13.1	267
7/5/2025	15:30:00	7.3	1.847	14.2	390,218	Open	13	267
7/5/2025	15:45:00	7.3	2.449	7.3	390,249	Open	13.1	267
7/5/2025	16:00:00	7.3	2.430	5.2	390,286	Open	13.2	267
7/5/2025	16:15:00	7.3	1.885	10.6	390,315	Open	13.4	268
7/5/2025	16:30:00	7.3	0.000	5.6	390,349	Closed	13.3	268
7/5/2025	16:45:00	7.3	2.449	3.5	390,365	Open	13.4	271
7/5/2025	17:00:00	7.3	2.438	4.2	390,394	Open	13.2	267
7/5/2025	17:15:00	7.3	2.407	2.8	390,430	Open	13.2	268

Date	Time	Discharge pH	Flow Rate (m3)	Discharge NTU	Flow Total (m3)	Discharge Valve Status	Discharge Temperature (°C)	Discharge Conductivity (uS/cm)
7/5/2025	17:30:00	7.3	1.809	15.4	390,464	Open	13.3	269
7/5/2025	17:45:00	7.3	2.426	2.4	390,497	Open	13.4	269
7/5/2025	18:00:00	7.3	2.456	4.4	390,516	Open	13.4	268
7/5/2025	18:15:00	7.3	1.877	21.1	390,547	Open	13.5	269
7/5/2025	18:30:00	7.3	0.246	2.4	390,581	Closed	13.3	271
7/5/2025	18:45:00	7.3	2.320	2.7	390,583	Closed	13.3	270
7/5/2025	19:00:00	7.3	2.430	3	390,607	Open	13.3	270
7/5/2025	19:15:00	7.3	2.426	3	390,630	Open	13.2	268
7/5/2025	19:30:00	7.3	1.578	7.5	390,659	Open	13	268
7/5/2025	19:45:00	7.3	0.000	5.2	390,690	Closed	13	117
7/5/2025	20:00:00	7.3	2.445	7.4	390,716	Open	12.8	267
7/5/2025	20:15:00	7.2	2.460	9.4	390,745	Open	12.8	267
7/5/2025	20:30:00	7.3	0.000	8.2	390,771	Closed	13	117
7/5/2025	20:45:00	7.2	1.692	28.9	390,802	Closed	12.6	116
7/5/2025	21:00:00	7.2	0.000	8.3	390,826	Closed	12.8	116
7/5/2025	21:15:00	7.2	0.924	15.7	390,844	Open	12.8	116
7/5/2025	21:30:00	7.2	2.593	5.7	390,860	Open	13.1	263
7/5/2025	21:45:00	7.1	2.544	4.9	390,898	Open	12.8	268
7/5/2025	22:00:00	7.1	2.491	2.5	390,936	Open	12.6	267
7/5/2025	22:15:00	7.1	2.665	1.3	390,962	Open	12.7	263
7/5/2025	22:30:00	7.2	0.000	0.6	390,997	Open	12.8	114
7/5/2025	22:45:00	7.2	0.333	0.2	391,020	Open	12.8	114
7/5/2025	23:00:00	7.3	1.321	2.1	391,033	Open	12.7	263
7/5/2025	23:15:00	7.2	2.547	0.9	391,066	Open	12.6	266
7/5/2025	23:30:00	7.2	2.574	1.2	391,101	Open	12.6	266

FRONTIER-KEMPER MICHELS® joint venture		Eagle Mountain- Woodfibre Gas Pipeline Project- Tunnel Scope	
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Date	Time	Discharge pH	Flow Rate (m3)	Discharge NTU	Flow Total (m3)	Discharge Valve Status	Discharge Temperature (°C)	Discharge Conductivity (uS/cm)
7/5/2025	23:45:00	7.2	2.544	1.9	391,140	Open	12.6	266
7/6/2025	0:00:00	7.2	2.494	2.1	391,177	Open	12.6	266
7/6/2025	0:15:00	7.2	2.491	1.3	391,215	Open	12.6	266
7/6/2025	0:30:00	7.2	1.310	3.6	391,244	Open	12.4	264
7/6/2025	0:45:00	7.2	2.290	2.6	391,278	Open	12.4	264
7/6/2025	1:00:00	7.1	2.494	1.5	391,315	Open	12.5	268
7/6/2025	1:15:00	6.8	2.498	2.6	391,352	Open	12.5	269
7/6/2025	1:30:00	6.6	1.563	11.6	391,378	Open	12.5	269
7/6/2025	1:45:00	6.7	2.263	1.7	391,410	Open	12.6	114
7/6/2025	2:00:00	6.8	2.297	1.6	391,428	Open	12.6	266
7/6/2025	2:15:00	6.9	2.528	1.9	391,465	Open	12.7	268
7/6/2025	2:30:00	7	2.578	1.7	391,503	Open	13	261
7/6/2025	2:45:00	7.2	2.116	3.9	391,537	Open	13.2	260
7/6/2025	3:00:00	7.2	1.548	2.2	391,558	Open	13.8	257
7/6/2025	3:15:00	7.1	2.388	0	391,587	Open	13.5	259
7/6/2025	3:30:00	7.2	2.339	0.4	391,622	Open	13.2	257
7/6/2025	3:45:00	7.2	2.335	0.6	391,657	Open	13	259
7/6/2025	4:00:00	7.3	1.843	5.6	391,688	Open	12.7	263
7/6/2025	4:15:00	7.3	0.000	0	391,704	Closed	14.3	117
7/6/2025	4:30:00	7.2	2.725	0.9	391,742	Open	12.8	263
7/6/2025	4:45:00	7.2	2.710	1.1	391,783	Open	12.7	265
7/6/2025	5:00:00	7.2	2.430	1.9	391,821	Open	12.6	265
7/6/2025	5:15:00	7.2	2.475	1.9	391,844	Open	12.5	265
7/6/2025	5:30:00	7.3	1.703	4.7	391,873	Open	12.5	267
7/6/2025	5:45:00	7.2	2.528	1.6	391,893	Open	12.6	265

Date	Time	Discharge pH	Flow Rate (m3)	Discharge NTU	Flow Total (m3)	Discharge Valve Status	Discharge Temperature (°C)	Discharge Conductivity (uS/cm)
7/6/2025	6:00:00	7.2	2.506	1.5	391,930	Open	12.7	119
7/6/2025	6:15:00	7.2	2.438	2.2	391,967	Open	12.9	121
7/6/2025	6:30:00	7.3	0.000	1	391,997	Closed	13.5	122
7/6/2025	6:45:00	7.2	2.453	1.5	392,025	Open	13.3	123
7/6/2025	7:00:00	7.2	2.430	1.7	392,062	Open	13.4	123
7/6/2025	7:15:00	7.2	2.472	3.1	392,084	Open	13.3	121
7/6/2025	7:30:00	7.3	2.040	4	392,108	Open	13	118
7/6/2025	7:45:00	7.3	2.460	1.6	392,129	Closed	13.4	117
7/6/2025	8:00:00	7.2	2.479	3.1	392,166	Open	12.8	118
7/6/2025	8:15:00	7.2	2.487	4.8	392,188	Open	12.8	118
7/6/2025	8:30:00	7.2	2.472	4.1	392,226	Open	12.8	118
7/6/2025	8:45:00	7.2	2.460	5.7	392,262	Open	12.7	117
7/6/2025	9:00:00	7.3	1.692	13.8	392,290	Open	12.7	116
7/6/2025	9:15:00	7.2	2.619	3.6	392,308	Open	12.6	116
7/6/2025	9:30:00	7.2	2.449	3.3	392,345	Open	12.5	116
7/6/2025	9:45:00	7.2	0.000	6.7	392,362	Closed	13.1	116
7/6/2025	10:00:00	7.2	2.403	1.6	392,397	Open	12.6	116
7/6/2025	10:15:00	7.3	1.665	13	392,430	Open	12.7	116
7/6/2025	10:30:00	7.2	2.434	3.6	392,461	Open	12.8	263
7/6/2025	10:45:00	7.2	2.441	9.6	392,498	Open	12.9	264
7/6/2025	11:00:00	7.3	1.707	22.4	392,522	Closed	13.1	265
7/6/2025	11:15:00	7.3	2.498	3.4	392,558	Open	13.1	265
7/6/2025	11:30:00	7.3	2.502	2.8	392,596	Open	13.1	266
7/6/2025	11:45:00	7.4	2.422	1.7	392,624	Open	13.1	265
7/6/2025	12:00:00	7.4	2.434	1.6	392,661	Open	13.2	265

FRONTIER-KEMPER MICHELS® joint venture		Eagle Mountain- Woodfibre Gas Pipeline Project- Tunnel Scope	
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Date	Time	Discharge pH	Flow Rate (m3)	Discharge NTU	Flow Total (m3)	Discharge Valve Status	Discharge Temperature (°C)	Discharge Conductivity (uS/cm)
7/6/2025	12:15:00	7.4	1.809	13.8	392,694	Open	13.3	265
7/6/2025	12:30:00	7.4	2.343	1	392,726	Open	13.3	264
7/6/2025	12:45:00	7.4	2.328	1.3	392,761	Open	13.4	264
7/6/2025	13:00:00	7.4	0.000	116.9	392,787	Closed	14.7	264
7/6/2025	13:15:00	7.3	2.286	1.8	392,814	Open	13.4	271
7/6/2025	13:30:00	7.3	2.313	4.7	392,848	Open	13.4	272
7/6/2025	13:45:00	7.3	3.164	2.1	392,857	Closed	13.3	272
7/6/2025	14:00:00	7.3	2.911	4.8	392,900	Open	13.3	272
7/6/2025	14:15:00	7.3	1.904	13.6	392,934	Open	13.3	272
7/6/2025	14:30:00	7.3	2.494	5.6	392,953	Open	13.4	274
7/6/2025	14:45:00	7.3	2.483	6.3	392,991	Open	13.3	276
7/6/2025	15:00:00	7.3	1.813	12.9	393,018	Open	13.3	276
7/6/2025	15:15:00	7.3	2.521	1.2	393,036	Open	13.3	117
7/6/2025	15:30:00	7.3	2.494	2.2	393,073	Open	13.1	117
7/6/2025	15:45:00	7.4	0.000	1.8	393,088	Closed	13.7	258
7/6/2025	16:00:00	7.3	2.491	1.7	393,120	Open	13	117
7/6/2025	16:15:00	7.4	0.000	162.5	393,150	Closed	14.6	285
7/6/2025	16:30:00	7.3	2.491	1.9	393,176	Open	13	262
7/6/2025	16:45:00	7.3	2.483	3	393,214	Open	12.9	117
7/6/2025	17:00:00	7.4	0.000	4.7	393,240	Closed	13	267
7/6/2025	17:15:00	7.3	1.847	14.5	393,257	Open	13.1	272
7/6/2025	17:30:00	7.3	2.528	2.6	393,275	Open	13.1	117
7/6/2025	17:45:00	7.4	0.000	1	393,302	Closed	13.5	265
7/6/2025	18:00:00	7.3	2.536	2.9	393,329	Open	13.1	265
7/6/2025	18:15:00	7.3	2.521	2.5	393,366	Open	13.1	267

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Date	Time	Discharge pH	Flow Rate (m3)	Discharge NTU	Flow Total (m3)	Discharge Valve Status	Discharge Temperature (°C)	Discharge Conductivity (uS/cm)
7/6/2025	18:30:00	7.4	0.000	1	393,388	Closed	13.6	268
7/6/2025	18:45:00	7.3	2.521	2.1	393,418	Open	13.1	268
7/6/2025	19:00:00	7.3	2.525	2.3	393,441	Open	13.1	268
7/6/2025	19:15:00	7.3	1.908	2	393,471	Open	13.1	270
7/6/2025	19:30:00	7.3	0.000	3.6	393,494	Closed	13	272
7/6/2025	19:45:00	7.2	2.506	2.2	393,520	Open	13	270
7/6/2025	20:00:00	7.2	2.502	1.7	393,550	Open	12.9	270
7/6/2025	20:15:00	7.2	2.506	4.3	393,572	Open	12.9	272
7/6/2025	20:30:00	7.2	1.938	7.8	393,606	Open	12.9	272
7/6/2025	20:45:00	7.2	0.000	5.5	393,626	Closed	12.8	272
7/6/2025	21:00:00	7.2	1.045	10.9	393,652	Open	12.6	270
7/6/2025	21:15:00	7.2	2.699	3.7	393,670	Open	12.7	268
7/6/2025	21:30:00	7.3	0.000	1.6	393,696	Closed	12.9	269
7/6/2025	21:45:00	6.9	2.551	1	393,730	Open	12.8	269
7/6/2025	22:00:00	7	2.509	1.2	393,768	Open	12.7	271
7/6/2025	22:15:00	7.1	2.475	1.7	393,805	Open	12.7	271
7/6/2025	22:30:00	7.1	2.824	6.4	393,844	Open	12.8	271
7/6/2025	22:45:00	7.2	1.423	3.5	393,881	Open	12.8	271
7/6/2025	23:00:00	7.2	1.998	2.9	393,910	Open	12.9	269
7/6/2025	23:15:00	7.2	2.491	1.6	393,928	Open	13.2	114
7/6/2025	23:30:00	7.3	0.000	0.8	393,954	Closed	13.3	114
7/6/2025	23:45:00	7.2	2.449	2	393,980	Open	12.9	268

Appendix B: Photos

Photo 1: No visible sheen observed in the WTP water, June 30

Photo 2: No visible sheen observed in the WTP water, July 02

Photo 3: No visible sheen observed in the WTP water, July 03

Photo 4: No visible sheen observed in the WTP water, July 04

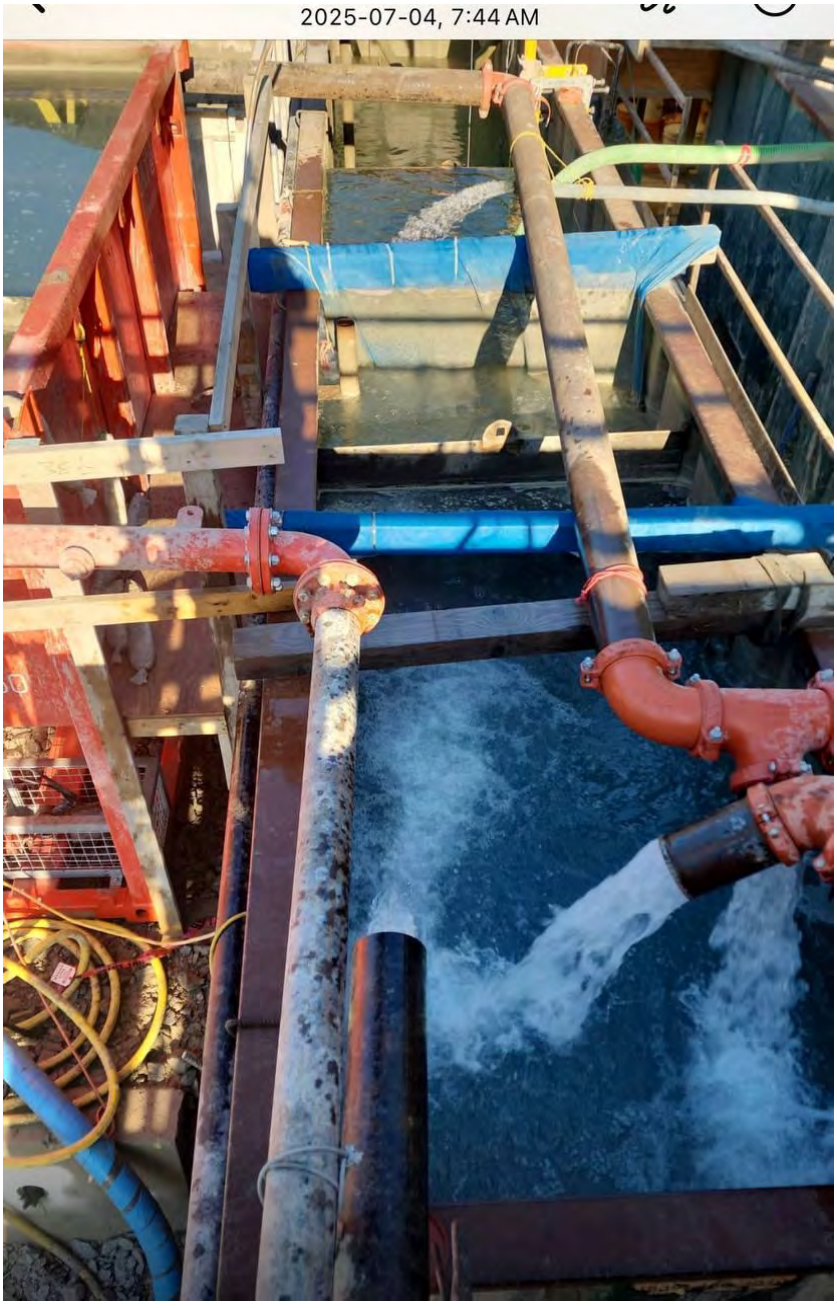


Photo 4: No visible sheen observed in the WTP water, July 05

Appendix D: Woodfibre Site Receiving Environment Documentation

Woodfibre Site Receiving Environment Sample Analysis

Analyte	*Unit*	BC Approved Water Quality Guideline - Freshwater Aquatic Life - Long Term Average [1,2]	BC Approved Water Quality Guideline - Freshwater Aquatic Life - Short Term Max [1,2]	BC Working Water Quality Guideline - Freshwater Aquatic Life - Long Term Average [1,2]	BC Approved Water Quality Guideline - Marine Aquatic Life - Long Term Average [1,2]	BC Approved Water Quality Guideline - Marine Aquatic Life - Short Term Max [1,2]	BC Working Water Quality Guideline - Marine Aquatic Life - Long Term Average [1,2]	**WLNG US 2025-07-02[3]**	**WLNG DS 2025-07-02[3]**
In situ Parameters									
Field pH	**pH Units**	6.5 - 9			7 - 8.7			7.11	**6.96**
Field Temperature	**°C**	18	19					14.8	12.8
General Parameters									
pH	**pH Units**							6.56	7.27
Alkalinity (Total as $CaCO_3$)	**mg/L**							7.4	43
Alkalinity (PP as $CaCO_3$)	**mg/L**							<1	<1
Hardness ($CaCO_3$)-Total	**mg/L**							7.74	46.9
Hardness ($CaCO_3$)-Dissolved	**mg/L**							7.65	48.4
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**							<0.0019	<0.0019
Un-ionized Hydrogen Sulfide as S-Total	**mg/L**							<0.0018	<0.0018
Anions and Nutrients									
Ammonia (N)-Total	**mg/L**	1.78	16.9		20	131		<0.015	<0.015
Bicarbonate (HCO_3)	**mg/L**							9	52
Carbonate (CO_3)	**mg/L**							<1	<1
Hydroxide (OH)	**mg/L**							<1	<1
Nitrate (N)	**mg/L**	3	32.8		3.7			0.022	<0.02
Nitrite (N)	**mg/L**	0.02	0.06					<0.005	<0.005
Nitrate plus Nitrite (N)	**mg/L**							0.022	<0.02
Nitrogen (N)-Total	**mg/L**							0.111	0.225
Phosphorus (P)-Total (4500-P)	**mg/L**							0.0069	0.004
Bromide (Br)	**mg/L**							<0.01	<0.01
Chloride (Cl)	**mg/L**	150	600					<1	11
Fluoride (F)	**mg/L**		0.4			1.5		<0.05	0.15
Sulphate (SO_4)-Dissolved	**mg/L**	128						2.4	7.8
Total Metals									
Aluminum (Al)-Total	**mg/L**	0.056478						**0.062**	**1.33**
Antimony (Sb)-Total	**mg/L**	0.074	0.25					0.000023	0.000542
Arsenic (As)-Total	**mg/L**	0.005			0.0125			0.000089	0.00183
Barium (Ba)-Total	**mg/L**			1				0.006	0.0172
Beryllium (Be)-Total	**mg/L**			0.00013			0.1	<0.00001	<0.00001
Bismuth (Bi)-Total	**mg/L**							<0.000005	0.000053
Boron (B)-Total	**mg/L**	1.2			1.2			<0.01	0.013
Cadmium (Cd)-Total	**mg/L**						0.00012	0.0000092	0.0000486
Calcium (Ca)-Total	**mg/L**							2.64	17.3
Cesium (Cs)-Total	**mg/L**							<0.00005	0.000114

Analyte	*Unit*	BC Approved Water Quality Guideline - Freshwater Aquatic Life - Long Term Average [1,2]	BC Approved Water Quality Guideline - Freshwater Aquatic Life - Short Term Max [1,2]	BC Working Water Quality Guideline - Freshwater Aquatic Life - Long Term Average [1,2]	BC Approved Water Quality Guideline - Marine Aquatic Life - Long Term Average [1,2]	BC Approved Water Quality Guideline - Marine Aquatic Life - Short Term Max [1,2]	BC Working Water Quality Guideline - Marine Aquatic Life - Long Term Average [1,2]	**WLNG US 2025-07-02[3]**	**WLNG DS 2025-07-02[3]**
Chromium (Cr)-Total	**mg/L**							<0.0001	0.00048
Chromium (Cr III)-Total	**mg/L**			0.0089			0.056	<0.00099	<0.00099
Chromium (Cr VI)-Total	**mg/L**			0.0025			0.0015	<0.00099	<0.00099
Cobalt (Co)-Total	**mg/L**	0.000389	0.11					0.0000238	0.000221
Copper (Cu)-Total	**mg/L**				0.002	0.003		0.00053	0.00174
Iron (Fe)-Total	**mg/L**		1					0.0516	0.956
Lead (Pb)-Total	**mg/L**				0.002	0.14		0.0000289	0.00032
Lithium (Li)-Total	**mg/L**							<0.0005	0.00291
Magnesium (Mg)-Total	**mg/L**							0.275	0.87
Manganese (Mn)-Total	**mg/L**	0.639	0.625				0.1	0.00186	0.0739
Mercury (Hg)-Total	**mg/L**	0.00002			0.00002			0.0000021	<0.0000019
Molybdenum (Mo)-Total	**mg/L**	7.6	46					0.000425	0.0144
Nickel (Ni)-Total	**mg/L**						0.0083	0.000252	0.00036
Phosphorus (P)-Total (ICPMS)	**mg/L**							0.0165	0.0163
Potassium (K)-Total	**mg/L**							0.197	1.69
Rubidium (Rb)-Total	**mg/L**							0.000484	0.0045
Selenium (Se)-Total	**mg/L**	0.002			0.002			<0.00004	<0.00004
Silicon (Si)-Total	**mg/L**							4.53	6.56
Silver (Ag)-Total	**mg/L**	0.00012			0.0005	0.0037	0.0005	<0.000005	<0.00001
Sodium (Na)-Total	**mg/L**							1.8	5.26
Strontium (Sr)-Total	**mg/L**							0.0151	0.0428
Sulphur (S)-Total	**mg/L**							<3	<3
Tellurium (Te)-Total	**mg/L**							<0.00002	<0.00002
Thallium (Tl)-Total	**mg/L**			0.00003				<0.000002	0.0000257
Thorium (Th)-Total	**mg/L**							<0.00005	0.000404
Tin (Sn)-Total	**mg/L**							<0.0002	<0.0002
Titanium (Ti)-Total	**mg/L**							0.00109	0.039
Uranium (U)-Total	**mg/L**		0.0165	0.0075				0.0000526	0.0012
Vanadium (V)-Total	**mg/L**			0.06			0.005	0.00021	0.00092
Zinc (Zn)-Total	**mg/L**				0.01	0.055		0.00197	0.0082
Zirconium (Zr)-Total	**mg/L**							<0.0001	<0.0001
Dissolved Metals									
Aluminum (Al)-Dissolved	**mg/L**							0.0319	0.0628
Antimony (Sb)-Dissolved	**mg/L**							0.000026	0.000411
Arsenic (As)-Dissolved	**mg/L**							0.000092	0.00129
Barium (Ba)-Dissolved	**mg/L**							0.00505	0.00771
Beryllium (Be)-Dissolved	**mg/L**							<0.00001	<0.00001
Bismuth (Bi)-Dissolved	**mg/L**							<0.000005	<0.000005
Boron (B)-Dissolved	**mg/L**							<0.01	0.013
Cadmium (Cd)-Dissolved	**mg/L**	0.000032	0.000042					0.0000052	0.0000121
Calcium (Ca)-Dissolved	**mg/L**							2.64	18.1
Cesium (Cs)-Dissolved	**mg/L**							<0.00005	<0.00005

Analyte	*Unit*	BC Approved Water Quality Guideline - Freshwater Aquatic Life - Long Term Average [1] [2]	BC Approved Water Quality Guideline - Freshwater Aquatic Life - Short Term Max [1] [2]	BC Working Water Quality Guideline - Freshwater Aquatic Life - Long Term Average [1] [2]	BC Approved Water Quality Guideline - Marine Aquatic Life - Long Term Average [1] [2]	BC Approved Water Quality Guideline - Marine Aquatic Life - Short Term Max [1] [2]	BC Working Water Quality Guideline - Marine Aquatic Life - Long Term Average [1] [2]	WLNG US 2025-07-02[3]	WLNG DS 2025-07-02[3]
Chromium (Cr)-Dissolved	**mg/L**							<0.0001	<0.0001
Cobalt (Co)-Dissolved	**mg/L**							0.0000186	0.000102
Copper (Cu)-Dissolved	**mg/L**	0.0002	0.0002					**0.000482**	0.000129
Iron (Fe)-Dissolved	**mg/L**		0.35					0.0289	0.0021
Lead (Pb)-Dissolved	**mg/L**	0.001525						0.0000141	<0.000005
Lithium (Li)-Dissolved	**mg/L**							<0.0005	0.00263
Manganese (Mn)-Dissolved	**mg/L**							0.00114	0.0494
Magnesium (Mg)-Dissolved	**mg/L**							0.255	0.776
Mercury (Hg)-Dissolved	**mg/L**							<0.0000019	<0.0000019
Molybdenum (Mo)-Dissolved	**mg/L**							0.000427	0.0156
Nickel (Ni)-Dissolved	**mg/L**	0.0006	0.0096					0.00024	0.00015
Phosphorus (P)-Dissolved	**mg/L**							0.0075	0.0026
Potassium (K)-Dissolved	**mg/L**							0.189	1.71
Rubidium (Rb)-Dissolved	**mg/L**							0.000466	0.00336
Selenium (Se)-Dissolved	**mg/L**							<0.00004	0.000048
Silicon (Si)-Dissolved	**mg/L**							4.24	5.47
Silver (Ag)-Dissolved	**mg/L**							<0.000005	<0.000005
Sodium (Na)-Dissolved	**mg/L**							1.65	5.34
Strontium (Sr)-Dissolved	**mg/L**			1.25				0.0141	0.0418
Sulphur (S)-Dissolved	**mg/L**							<3	<3
Tellurium (Te)-Dissolved	**mg/L**							<0.00002	<0.00002
Thallium (Tl)-Dissolved	**mg/L**							<0.000002	0.000013
Thorium (Th)-Dissolved	**mg/L**							0.0000092	<0.000005
Tin (Sn)-Dissolved	**mg/L**							0.00022	<0.0002
Titanium (Ti)-Dissolved	**mg/L**							<0.0005	<0.0005
Uranium (U)-Dissolved	**mg/L**							0.0000538	0.000558
Vanadium (V)-Dissolved	**mg/L**							<0.0002	<0.0002
Zinc (Zn)-Dissolved	**mg/L**	0.003706	0.008432					0.00087	0.00143
Zirconium (Zr)-Dissolved	**mg/L**							<0.0001	<0.0001
Inorganics									
Organic Carbon (C)-Total	**mg/L**							1.7	1.6
Organic Carbon (C)-Dissolved	**mg/L**							1.6	1.5
Solids-Total Dissolved	**mg/L**							22	84
Solids-Total Suspended	**mg/L**	**6**	**26**					<1	2.8

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

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

[3] **Bold text** denotes value exceeding guidelines, except in cases where they are below a station-specific guideline that isn't displayed as per [1] and [2] above. Note: Not all exceedances are project related.

Woodfibre Site Receiving Environment Field Notes and Logs

Water Quality Field Data Sheet

Hatfield

Project: FORTIS11234

Location Information

Site ID: WLNO.DS
Site Name: WLNO
Site UTM: Zone: E:
(NAD83) N:
Date: 20250702
Time: 09:25
Crew: Adam F
Weather: (Clear) Foggy Cloudy Rain Snow Windy

In Situ Parameters

pH: 6.96
Temp.: 12.8 (°C)
Turbidity: 6.14 NTU
DO: 2.12 (mg/L)
Cond: 214.4 (us) (SPC)

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

Photo Record

Photo

Photo

Photo

Observations

(big longer)
High concentration of sediment seen in the water (visible)

Location Information

Site ID:
Site Name:
Site UTM: Zone: E:
(NAD83) N:
Date:
Time:
Crew:
Weather: Clear Foggy Cloudy Rain Snow Windy

In Situ Parameters

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

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

Water Quality Field Data Sheet

Hatfield

Project: FORTIS11234

Location Information

Site ID: Duplicate (DUP)
Site Name: —
Site UTM: Zone: E:
(NAD83) N:
Date: 20250702
Time: 09:15
Crew: Arian F
Weather: (Clear) Foggy Cloudy Rain Snow Windy

In Situ Parameters

pH: 6.94
Temp.: 12.1 (°C)
Turbidity: 8.43 NTU
DO: 2.76 (mg/L)
Cond: 214.4 (us) (SPC)

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

Photo Record

Photo

Photo

Photo

Observations

Location Information

Site ID:
Site Name:
Site UTM: Zone: E:
(NAD83) N:
Date:
Time:
Crew:
Weather: Clear Foggy Cloudy Rain Snow Windy

In Situ Parameters

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

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

Water Quality Field Data Sheet

Hatfield

Project: FORTIS11234

Location Information

Site ID: WLNG EOP
Site Name: WLNG
Site UTM: Zone: E:
(NAD83) N:
Date: 2025 07 02
Time: 09:00
Crew: Aman F.
Weather: (Clear) Foggy Cloudy Rain Snow Windy

In Situ Parameters

pH: 6.94
Temp.: 12.7 (°C)
Turbidity: 8.43 NTU
DO: 1.76 (mg/L)
Cond: 211.4 (us) (SPC)
Visible Sheen: Y/N/NA
Water Surface Condition: (Clear) Turbid Foaming Ice (NA)

Photo Record

Photo

Photo

Photo

Observations

Location Information

Site ID:
Site Name:
Site UTM: Zone: E:
(NAD83) N:
Date:
Time:
Crew:
Weather: Clear Foggy Cloudy Rain Snow Windy

In Situ Parameters

pH:
Temp.: (°C)
Turbidity: NTU
DO: (mg/L)
Cond: (us)
Visible Sheen: Y / N
Water Surface Condition: Clear Turbid Foaming Ice

Water Quality Field Data Sheet

Hatfield

Project: FORTIS11234

Location Information

Site ID: WLNO US

Site Name: WLNO

Site UTM: Zone: E

(NAD83) N

Date: 20250702

Time: 09:45

Crew: Brian F

Weather: Clear Foggy Cloudy Rain Snow Windy

In Situ Parameters

pH: 7.11

Temp: 14.9 (°C)

Turbidity: 0.010 NTU

DO: 2.18 (mg/L)

Cond: 97.8 (uS/cm) (SPC)

Visible Sheen: Y/N

Water Surface Condition: Clear Turbid Foaming Ice

Photo Record

Photo

Photo

Photo

Photo

low flow and low waterlevel

Location Information

Site ID: 2

Site Name:

Site UTM: Zone: E

(NAD83) N

Date:

Time:

Crew:

Weather: Clear Foggy Cloudy Rain Snow Windy

In Situ Parameters

pH:

Temp: (°C)

Turbidity: NTU

DO: (mg/L)

Cond: (uS/cm)

Visible Sheen: Y/N

Clear Turbid Foaming Ice

WLNG Woodfibre 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	2025-06-30 00:00:00	12.863	158.510	-0.007	8.746	9.905	10.888
WLNG-DS	2025-06-30 01:00:00	12.633	160.439	0.000	8.356	9.968	6.579
WLNG-DS	2025-06-30 02:00:00	12.628	137.578	-0.001	8.456	9.523	4.104
WLNG-DS	2025-06-30 03:00:00	12.592	158.569	0.000	8.592	9.991	12.706
WLNG-DS	2025-06-30 04:00:00	12.984	168.215	-0.001	8.452	9.865	10.298
WLNG-DS	2025-06-30 05:00:00	12.984	163.821	-0.007	8.694	9.887	19.684
WLNG-DS	2025-06-30 06:00:00	12.553	155.350	-0.004	8.662	9.928	10.163
WLNG-DS	2025-06-30 07:00:00	12.021	146.541	-0.001	8.651	10.161	21.066
WLNG-DS	2025-06-30 08:00:00	11.950	144.511	0.000	8.648	10.172	9.834
WLNG-DS	2025-06-30 09:00:00	12.092	144.721	0.002	8.648	10.147	11.423
WLNG-DS	2025-06-30 10:00:00	12.394	145.842	0.001	8.667	10.068	10.252
WLNG-DS	2025-06-30 11:00:00	12.598	146.175	0.001	8.643	10.024	15.100
WLNG-DS	2025-06-30 12:00:00	12.951	146.712	0.002	8.648	9.927	14.371
WLNG-DS	2025-06-30 13:00:00	13.237	147.507	0.000	8.670	9.780	15.871
WLNG-DS	2025-06-30 14:00:00	13.427	148.947	0.000	8.698	9.807	16.936
WLNG-DS	2025-06-30 15:00:00	13.691	150.156	-0.001	8.679	9.723	13.896
WLNG-DS	2025-06-30 16:00:00	13.758	151.192	-0.001	8.674	9.722	16.311
WLNG-DS	2025-06-30 17:00:00	13.399	147.476	0.001	8.654	9.812	11.950
WLNG-DS	2025-06-30 18:00:00	13.200	146.903	0.004	8.630	9.838	13.570
WLNG-DS	2025-06-30 19:00:00	12.891	142.739	0.005	8.622	9.919	14.889
WLNG-DS	2025-06-30 20:00:00	12.721	135.738	0.005	8.578	9.881	14.543
WLNG-DS	2025-06-30 21:00:00	12.372	139.999	0.006	8.580	10.036	14.442
WLNG-DS	2025-06-30 22:00:00	12.436	140.954	0.005	8.583	9.998	7.744
WLNG-DS	2025-06-30 23:00:00	12.441	143.498	0.004	8.581	10.026	4.884
WLNG-DS	2025-07-01 00:00:00	12.629	148.491	0.003	8.583	9.978	5.408
WLNG-DS	2025-07-01 01:00:00	12.566	149.351	0.004	8.601	9.991	11.274
WLNG-DS	2025-07-01 02:00:00	12.965	146.414	0.003	8.562	9.635	2.987
WLNG-DS	2025-07-01 03:00:00	12.739	154.194	0.003	8.644	9.948	13.702
WLNG-DS	2025-07-01 04:00:00	12.691	151.701	0.004	8.606	9.889	14.622
WLNG-DS	2025-07-01 05:00:00	12.403	147.393	0.005	8.576	9.996	10.929
WLNG-DS	2025-07-01 06:00:00	12.098	143.107	0.005	8.554	10.085	11.500
WLNG-DS	2025-07-01 07:00:00	13.556	56.644	0.011	8.152	8.998	2.118
WLNG-DS	2025-07-01 08:00:00	12.138	138.361	0.010	8.533	10.111	7.317
WLNG-DS	2025-07-01 09:00:00	12.294	139.552	0.011	8.585	10.096	11.084
WLNG-DS	2025-07-01 10:00:00	12.627	139.686	0.005	8.567	9.865	6.712
WLNG-DS	2025-07-01 11:00:00	12.750	142.258	0.006	8.588	9.960	11.496
WLNG-DS	2025-07-01 12:00:00	12.904	140.660	0.006	8.587	9.940	9.807
WLNG-DS	2025-07-01 13:00:00	12.803	138.526	0.007	8.592	9.971	11.845
WLNG-DS	2025-07-01 14:00:00	13.118	135.024	0.006	8.601	9.759	8.224
WLNG-DS	2025-07-01 15:00:00	13.712	131.618	0.006	8.596	9.729	4.391
WLNG-DS	2025-07-01 16:00:00	12.945	138.993	0.008	8.612	9.913	8.829
WLNG-DS	2025-07-01 17:00:00	13.047	140.656	0.009	8.615	9.870	8.140
WLNG-DS	2025-07-01 18:00:00	13.146	141.984	0.008	8.615	9.828	7.383
WLNG-DS	2025-07-01 19:00:00	12.737	140.539	0.007	8.606	9.945	17.745
WLNG-DS	2025-07-01 20:00:00	12.602	140.483	0.006	8.588	9.972	11.714
WLNG-DS	2025-07-01 21:00:00	12.549	139.486	0.006	8.580	9.929	5.956
WLNG-DS	2025-07-01 22:00:00	12.483	142.716	0.006	8.563	9.995	19.365
WLNG-DS	2025-07-01 23:00:00	12.892	141.960	0.004	8.575	9.809	8.962
WLNG-DS	2025-07-02 00:00:00	12.833	150.730	0.006	8.501	9.875	3.887

WLNG Woodfibre 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	2025-07-02 01:00:00	12.846	146.803	0.004	8.590	9.762	4.322
WLNG-DS	2025-07-02 02:00:00	12.992	153.566	0.003	8.614	9.842	18.343
WLNG-DS	2025-07-02 03:00:00	12.523	148.176	0.002	8.589	9.977	13.508
WLNG-DS	2025-07-02 04:00:00	12.511	145.122	0.002	8.574	9.876	4.911
WLNG-DS	2025-07-02 05:00:00	12.293	142.898	0.003	8.560	10.040	17.471
WLNG-DS	2025-07-02 06:00:00	12.315	141.893	0.003	8.564	9.993	16.085
WLNG-DS	2025-07-02 07:00:00	12.133	139.340	0.004	8.553	10.110	10.375
WLNG-DS	2025-07-02 08:00:00	11.904	132.678	0.006	8.530	10.148	26.553
WLNG-DS	2025-07-02 09:00:00	12.172	136.445	0.007	8.506	10.084	9.646
WLNG-DS	2025-07-02 10:00:00	12.500	136.096	0.003	8.568	10.045	15.714
WLNG-DS	2025-07-02 11:00:00	12.600	138.665	0.005	8.559	10.010	14.637
WLNG-DS	2025-07-02 12:00:00	13.095	145.659	-0.002	8.600	9.917	10.727
WLNG-DS	2025-07-02 13:00:00	13.632	135.845	-0.002	8.593	9.674	4.307
WLNG-DS	2025-07-02 14:00:00	13.235	144.847	0.000	8.575	9.888	9.834
WLNG-DS	2025-07-02 15:00:00	13.146	141.863	-0.003	8.565	9.906	8.992
WLNG-DS	2025-07-02 16:00:00	13.247	137.898	-0.001	8.571	9.788	1.132
WLNG-DS	2025-07-02 17:00:00	13.479	133.978	0.000	8.559	9.735	10.185
WLNG-DS	2025-07-02 18:00:00	13.177	133.166	0.000	8.514	9.612	0.633
WLNG-DS	2025-07-02 19:00:00	12.380	135.941	0.001	8.554	10.074	10.154
WLNG-DS	2025-07-02 20:00:00	12.306	137.655	0.000	8.568	10.092	12.664
WLNG-DS	2025-07-02 21:00:00	12.136	136.744	0.001	8.557	10.121	12.662
WLNG-DS	2025-07-02 22:00:00	12.099	137.272	0.000	8.541	10.138	17.969
WLNG-DS	2025-07-02 23:00:00	11.970	136.247	0.002	8.532	10.168	6.222
WLNG-DS	2025-07-03 00:00:00	11.975	134.796	0.005	8.527	10.152	16.249
WLNG-DS	2025-07-03 01:00:00	11.922	137.449	0.003	8.551	10.159	5.747
WLNG-DS	2025-07-03 02:00:00	11.883	139.949	-0.001	8.552	10.204	15.401
WLNG-DS	2025-07-03 03:00:00	12.016	138.777	0.000	8.543	10.160	8.740
WLNG-DS	2025-07-03 04:00:00	11.953	139.293	-0.002	8.549	10.196	13.204
WLNG-DS	2025-07-03 05:00:00	12.064	136.391	0.002	8.555	10.086	1.197
WLNG-DS	2025-07-03 06:00:00	11.866	135.606	0.003	8.529	10.219	19.610
WLNG-DS	2025-07-03 07:00:00	11.901	130.883	0.002	8.537	10.197	21.538
WLNG-DS	2025-07-03 08:00:00	11.714	135.714	0.005	8.541	10.276	13.728
WLNG-DS	2025-07-03 09:00:00	11.777	133.481	0.003	8.532	10.265	20.743
WLNG-DS	2025-07-03 11:00:00	12.525	144.131	0.008	7.710	10.105	3.935
WLNG-DS	2025-07-03 12:00:00	13.108	136.567	0.009	7.770	9.940	6.037
WLNG-DS	2025-07-03 13:00:00	12.961	146.014	0.004	7.818	10.001	5.761
WLNG-DS	2025-07-03 14:00:00		152.682				
WLNG-DS	2025-07-03 15:00:00	12.787	150.395	-0.004	7.845	10.031	5.669
WLNG-DS	2025-07-03 16:00:00	12.999	151.212	-0.004	7.857	9.976	6.245
WLNG-DS	2025-07-03 17:00:00	12.822	145.313	0.000	7.853	10.018	4.962
WLNG-DS	2025-07-03 18:00:00	12.872	142.376	-0.002	7.809	10.021	4.409
WLNG-DS	2025-07-03 19:00:00	12.462	137.230	-0.001	7.808	10.086	3.938
WLNG-DS	2025-07-03 20:00:00	12.056	136.090	0.001	7.778	10.187	6.435
WLNG-DS	2025-07-03 21:00:00	12.063	132.041	0.004	7.752	10.055	0.000
WLNG-DS	2025-07-03 22:00:00	11.994	142.841	-0.004	7.799	10.204	3.686
WLNG-DS	2025-07-03 23:00:00	12.063	135.885	-0.002	7.759	10.159	5.982
WLNG-DS	2025-07-04 00:00:00	11.822	137.999	-0.004	7.764	10.255	3.500
WLNG-DS	2025-07-04 01:00:00	12.018	144.955	-0.006	7.814	10.182	2.206
WLNG-DS	2025-07-04 02:00:00		142.538				

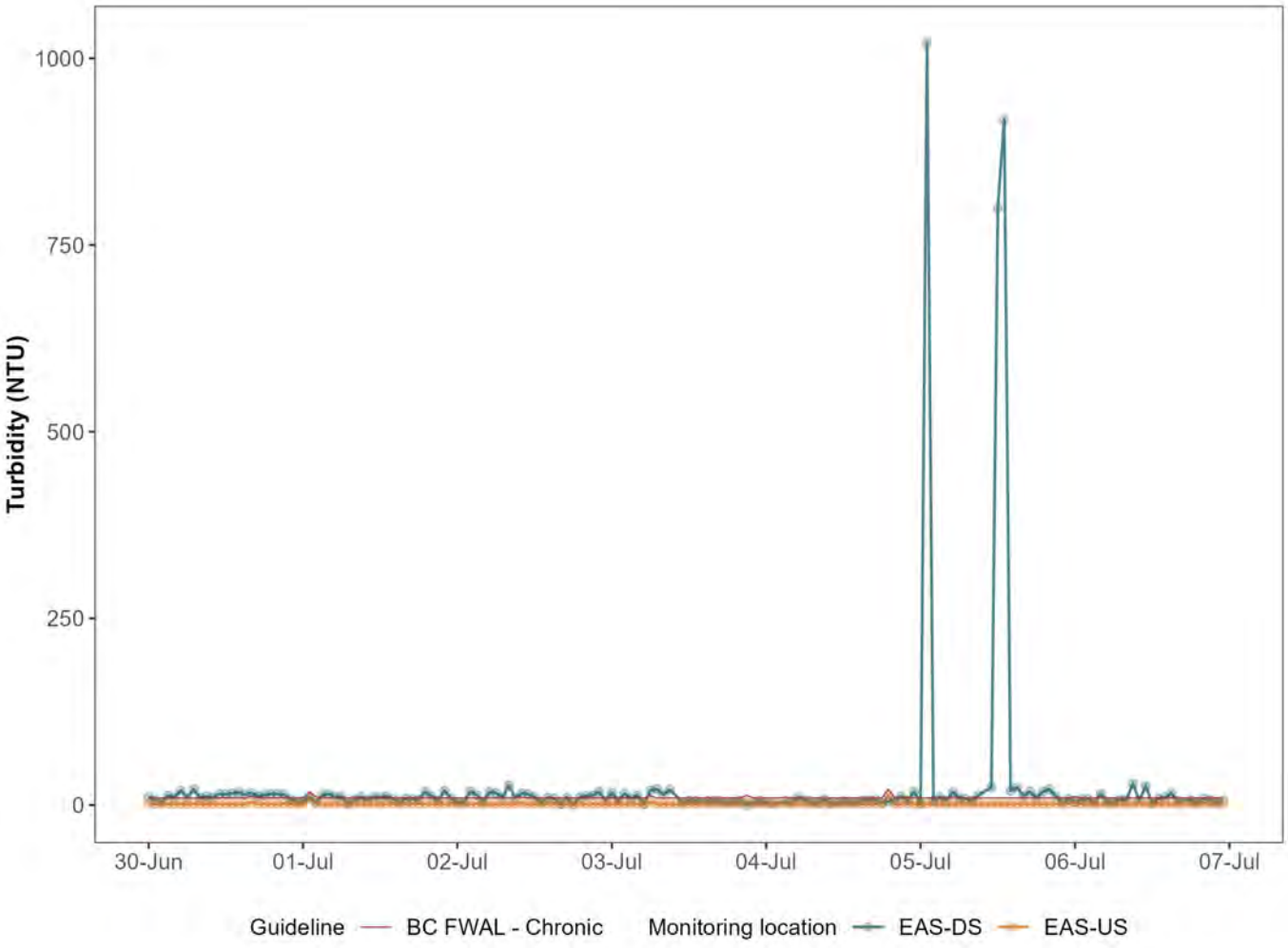
WLNG Woodfibre Site (East Creek)							
Station	Date/Time	Temperature (C)	Specific Conductivity (µS/cm)	ORP (V)	pH (pH units)	Dissolved Oxygen (mg/L)	Turbidity (NTU)
WLNG-DS	2025-07-04 03:00:00	11.919	139.518	-0.004	7.784	10.207	4.232
WLNG-DS	2025-07-04 04:00:00	12.156	122.317	0.003	7.705	10.098	4.722
WLNG-DS	2025-07-04 05:00:00	11.904	140.136	-0.004	7.763	10.261	10.490
WLNG-DS	2025-07-04 06:00:00	12.048	140.858	-0.007	7.779	10.196	6.863
WLNG-DS	2025-07-04 07:00:00	11.813	138.129	-0.007	7.772	10.271	4.705
WLNG-DS	2025-07-04 08:00:00	11.710	135.038	-0.002	7.766	10.301	2.862
WLNG-DS	2025-07-04 09:00:00	11.712	133.373	0.001	7.760	10.306	7.598
WLNG-DS	2025-07-04 10:00:00	12.011	134.460	-0.002	7.771	10.218	2.299
WLNG-DS	2025-07-04 11:00:00	11.960	133.046	0.002	7.770	10.243	2.969
WLNG-DS	2025-07-04 12:00:00	12.515	134.660	0.001	7.795	10.113	5.208
WLNG-DS	2025-07-04 13:00:00	12.723	135.317	0.001	7.808	10.067	4.660
WLNG-DS	2025-07-04 14:00:00	12.852	130.533	0.009	7.800	9.938	4.052
WLNG-DS	2025-07-04 15:00:00	12.738	131.752	0.008	7.804	10.051	6.455
WLNG-DS	2025-07-04 16:00:00	12.462	129.392	0.011	7.801	10.127	6.570
WLNG-DS	2025-07-04 17:00:00	12.482	127.031	0.010	7.846	10.104	7.264
WLNG-DS	2025-07-04 18:00:00	12.561	130.270	0.002	7.843	10.101	2.793
WLNG-DS	2025-07-04 19:00:00	12.298	129.085	0.005	7.841	10.149	4.837
WLNG-DS	2025-07-04 20:00:00	11.934	128.434	0.004	7.823	10.258	6.112
WLNG-DS	2025-07-04 21:00:00	11.872	127.721	0.002	7.820	10.258	11.844
WLNG-DS	2025-07-04 22:00:00	12.016	130.349	0.002	7.803	10.252	6.328
WLNG-DS	2025-07-04 23:00:00	11.832	129.677	0.002	7.784	10.275	17.838
WLNG-DS	2025-07-05 00:00:00	11.537	130.857	0.002	7.762	10.369	1.959
WLNG-DS	2025-07-05 01:00:00	11.837	120.269	0.007	7.712	10.123	1019.381
WLNG-DS	2025-07-05 02:00:00	11.467	175.871	0.002	7.596	10.379	5.864
WLNG-DS	2025-07-05 03:00:00	11.474	184.708	-0.004	7.714	10.360	10.898
WLNG-DS	2025-07-05 04:00:00	11.549	182.268	-0.006	7.740	10.355	6.339
WLNG-DS	2025-07-05 05:00:00	11.537	163.673	-0.006	7.843	10.353	16.978
WLNG-DS	2025-07-05 06:00:00	11.512	162.462	-0.006	7.842	10.377	9.667
WLNG-DS	2025-07-05 07:00:00	11.570	151.622	-0.006	7.842	10.352	8.323
WLNG-DS	2025-07-05 08:00:00	11.455	144.606	-0.002	7.804	10.423	5.784
WLNG-DS	2025-07-05 09:00:00	11.504	134.699	0.002	7.783	10.410	13.279
WLNG-DS	2025-07-05 10:00:00		135.622				
WLNG-DS	2025-07-05 11:00:00	12.143	132.729	-0.006	7.816	10.266	23.800
WLNG-DS	2025-07-05 12:00:00	12.322	142.224	-0.006	7.788	10.188	799.728
WLNG-DS	2025-07-05 13:00:00	12.697	137.720	-0.007	7.799	10.114	918.556
WLNG-DS	2025-07-05 14:00:00	12.473	142.755	-0.005	7.798	10.208	19.015
WLNG-DS	2025-07-05 15:00:00	12.321	138.175	-0.005	7.792	10.237	23.539
WLNG-DS	2025-07-05 16:00:00	12.439	139.747	-0.002	7.792	10.234	12.180
WLNG-DS	2025-07-05 17:00:00	12.489	139.699	-0.003	7.796	10.206	18.020
WLNG-DS	2025-07-05 18:00:00	12.681	141.957	-0.006	7.804	10.127	9.847
WLNG-DS	2025-07-05 19:00:00	12.529	142.557	-0.008	7.805	10.188	18.012
WLNG-DS	2025-07-05 20:00:00	12.056	137.555	-0.005	7.777	10.297	21.080
WLNG-DS	2025-07-05 21:00:00	11.778	134.608	0.000	7.731	10.364	12.319
WLNG-DS	2025-07-05 22:00:00	11.957	136.539	-0.001	7.701	10.296	3.535
WLNG-DS	2025-07-05 23:00:00	12.063	137.459	0.000	7.797	10.266	8.180
WLNG-DS	2025-07-06 00:00:00	11.891	137.556	-0.001	7.744	10.323	3.985
WLNG-DS	2025-07-06 01:00:00	11.954	138.525	-0.001	7.678	10.310	7.839
WLNG-DS	2025-07-06 02:00:00	12.090	128.547	0.003	7.606	10.178	7.873
WLNG-DS	2025-07-06 03:00:00	11.801	137.042	0.001	7.727	10.284	3.995

WLNG Woodfibre 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	2025-07-06 04:00:00	11.619	135.424	0.004	7.735	10.387	15.151
WLNG-DS	2025-07-06 05:00:00	11.535	136.451	0.005	7.725	10.415	4.843
WLNG-DS	2025-07-06 06:00:00	11.518	137.664	0.003	7.730	10.430	4.297
WLNG-DS	2025-07-06 07:00:00	11.433	136.598	0.004	7.729	10.465	7.466
WLNG-DS	2025-07-06 08:00:00	11.372	133.550	0.008	7.708	10.466	7.245
WLNG-DS	2025-07-06 09:00:00	11.536	127.203	0.010	7.707	10.424	28.649
WLNG-DS	2025-07-06 10:00:00	11.626	133.342	0.006	7.718	10.404	6.132
WLNG-DS	2025-07-06 11:00:00	12.163	135.118	-0.004	7.772	10.232	25.438
WLNG-DS	2025-07-06 12:00:00	12.493	136.931	-0.004	7.821	10.196	3.250
WLNG-DS	2025-07-06 13:00:00	12.669	131.579	0.001	7.810	10.153	8.755
WLNG-DS	2025-07-06 14:00:00	12.487	132.241	0.001	7.784	10.191	9.947
WLNG-DS	2025-07-06 15:00:00	12.666	129.398	0.003	7.807	10.104	15.977
WLNG-DS	2025-07-06 16:00:00	12.203	129.917	0.002	7.798	10.245	5.470
WLNG-DS	2025-07-06 17:00:00		129.408				
WLNG-DS	2025-07-06 18:00:00	12.250	135.625	-0.003	7.795	10.226	6.711
WLNG-DS	2025-07-06 19:00:00	12.481	136.081	-0.003	7.778	10.109	3.771
WLNG-DS	2025-07-06 20:00:00	12.143	140.292	-0.005	7.761	10.219	8.803
WLNG-DS	2025-07-06 21:00:00	11.867	137.021	-0.003	7.742	10.281	7.290
WLNG-DS	2025-07-06 22:00:00	12.014	139.814	-0.001	7.688	10.255	3.659
WLNG-DS	2025-07-06 23:00:00	12.044	142.942	-0.005	7.757	10.230	6.635
WLNG-US	2025-06-30 00:00:00	14.414	23.532	0.361	7.096	8.969	1.421
WLNG-US	2025-06-30 01:00:00	14.281	23.459	0.357	7.103	9.009	1.472
WLNG-US	2025-06-30 02:00:00	14.163	21.774	0.353	7.161	9.025	1.417
WLNG-US	2025-06-30 03:00:00		21.588				1.408
WLNG-US	2025-06-30 04:00:00	13.944	23.695	0.354	7.157	9.074	1.364
WLNG-US	2025-06-30 05:00:00	13.838	21.479	0.351	7.152	9.105	1.482
WLNG-US	2025-06-30 06:00:00	13.734	21.631	0.344	7.229	9.132	1.354
WLNG-US	2025-06-30 07:00:00	13.671	21.490	0.343	7.224	9.171	1.390
WLNG-US	2025-06-30 08:00:00	13.667	21.452	0.341	7.209	9.195	1.392
WLNG-US	2025-06-30 09:00:00	13.797	21.360	0.350	7.020	9.188	1.447
WLNG-US	2025-06-30 10:00:00	13.940	21.357	0.339	7.176	9.203	1.399
WLNG-US	2025-06-30 11:00:00	14.361	21.221	0.334	7.212	9.222	1.467
WLNG-US	2025-06-30 12:00:00	14.938	20.944	0.328	7.357	9.225	1.858
WLNG-US	2025-06-30 13:00:00	15.013	21.194	0.331	7.300	9.079	1.484
WLNG-US	2025-06-30 14:00:00	15.193	21.120	0.334	7.261	8.970	1.503
WLNG-US	2025-06-30 15:00:00	15.351	21.122	0.340	7.246	8.916	1.508
WLNG-US	2025-06-30 16:00:00	15.529	21.367	0.339	7.208	8.843	4.102
WLNG-US	2025-06-30 17:00:00	15.621	21.656	0.336	7.226	8.741	1.686
WLNG-US	2025-06-30 18:00:00	15.618	21.770	0.344	7.142	8.708	1.573
WLNG-US	2025-06-30 19:00:00	15.537	21.914	0.343	7.183	8.704	1.583
WLNG-US	2025-06-30 20:00:00	15.482	22.165	0.347	7.097	8.687	1.620
WLNG-US	2025-06-30 21:00:00	15.392	22.284	0.341	7.214	8.709	2.021
WLNG-US	2025-06-30 22:00:00	15.313	22.590	0.343	7.155	8.688	1.542
WLNG-US	2025-06-30 23:00:00	15.217	22.282	0.343	7.174	8.714	1.545
WLNG-US	2025-07-01 00:00:00	15.108	22.326	0.344	7.174	8.745	1.468
WLNG-US	2025-07-01 01:00:00	15.013	22.341	0.341	7.214	8.764	9.379
WLNG-US	2025-07-01 02:00:00	14.908	22.452	0.341	7.218	8.814	3.181
WLNG-US	2025-07-01 03:00:00	14.803	22.434	0.342	7.212	8.805	1.579
WLNG-US	2025-07-01 04:00:00	14.689	22.301	0.343	7.234	8.866	1.516

WLNG Woodfibre Site (East Creek)							
Station	Date/Time	Temperature (C)	Specific Conductivity (µS/cm)	ORP (V)	pH (pH units)	Dissolved Oxygen (mg/L)	Turbidity (NTU)
WLNG-US	2025-07-01 05:00:00	14.579	22.008	0.341	7.238	8.892	1.477
WLNG-US	2025-07-01 06:00:00	14.485	22.037	0.340	7.218	8.921	1.454
WLNG-US	2025-07-01 07:00:00	14.403	21.909	0.346	7.252	8.959	1.408
WLNG-US	2025-07-01 08:00:00	14.378	21.955	0.343	7.228	9.003	1.536
WLNG-US	2025-07-01 09:00:00	14.486	21.825	0.341	7.230	8.997	1.451
WLNG-US	2025-07-01 10:00:00	14.593	21.761	0.339	7.288	9.041	1.483
WLNG-US	2025-07-01 11:00:00	15.014	21.728	0.334	7.324	9.061	1.512
WLNG-US	2025-07-01 12:00:00	15.632	21.444	0.329	7.380	9.056	1.574
WLNG-US	2025-07-01 13:00:00	15.682	21.442	0.330	7.361	8.926	1.564
WLNG-US	2025-07-01 14:00:00	15.846	21.418	0.332	7.342	8.796	1.608
WLNG-US	2025-07-01 15:00:00	16.006	21.400	0.334	7.318	8.739	1.595
WLNG-US	2025-07-01 16:00:00	16.157	21.513	0.332	7.319	8.687	1.620
WLNG-US	2025-07-01 17:00:00	16.261	21.796	0.331	7.310	8.600	1.719
WLNG-US	2025-07-01 18:00:00	16.235	22.203	0.343	7.251	8.562	1.666
WLNG-US	2025-07-01 19:00:00	16.089	22.957	0.343	7.254	8.559	1.625
WLNG-US	2025-07-01 20:00:00	15.991	24.403	0.344	7.242	8.565	1.660
WLNG-US	2025-07-01 21:00:00	15.851	22.524	0.347	7.192	8.544	1.599
WLNG-US	2025-07-01 22:00:00	15.712	22.747	0.346	7.187	8.584	1.603
WLNG-US	2025-07-01 23:00:00	15.567	22.413	0.358	6.977	8.619	1.537
WLNG-US	2025-07-02 00:00:00	15.431	22.631	0.341	7.218	8.640	1.559
WLNG-US	2025-07-02 01:00:00	15.290	22.440	0.340	7.239	8.682	1.539
WLNG-US	2025-07-02 02:00:00	15.165	22.406	0.339	7.245	8.723	1.580
WLNG-US	2025-07-02 03:00:00	15.037	22.496	0.339	7.204	8.743	1.541
WLNG-US	2025-07-02 04:00:00	14.920	22.446	0.338	7.226	8.757	1.578
WLNG-US	2025-07-02 05:00:00	14.786	22.388	0.347	7.032	8.803	1.599
WLNG-US	2025-07-02 06:00:00	14.671	22.178	0.335	7.254	8.844	1.704
WLNG-US	2025-07-02 07:00:00		22.222				1.466
WLNG-US	2025-07-02 08:00:00	14.569	24.215	0.342	7.147	8.924	1.519
WLNG-US	2025-07-02 09:00:00	14.683	23.944	0.340	7.214	8.970	1.539
WLNG-US	2025-07-02 10:00:00	14.894	23.709	0.354	7.021	9.030	2.487
WLNG-US	2025-07-02 11:00:00	14.984	21.487	0.355	7.343	9.033	1.510
WLNG-US	2025-07-02 12:00:00	15.515	21.419	0.359	7.399	9.059	1.517
WLNG-US	2025-07-02 13:00:00	15.515	21.346	0.360	7.413	8.934	1.623
WLNG-US	2025-07-02 14:00:00		21.347				1.622
WLNG-US	2025-07-02 15:00:00	15.600	21.504	0.362	7.296	8.823	1.566
WLNG-US	2025-07-02 16:00:00	15.676	21.557	0.361	7.309	8.808	1.596
WLNG-US	2025-07-02 17:00:00	15.735	21.679	0.357	7.276	8.706	1.617
WLNG-US	2025-07-02 18:00:00	15.702	21.833	0.362	7.301	8.661	1.605
WLNG-US	2025-07-02 19:00:00	15.614	22.114	0.364	7.227	8.647	1.607
WLNG-US	2025-07-02 20:00:00	15.560	22.127	0.361	7.230	8.668	1.591
WLNG-US	2025-07-02 21:00:00	15.464	22.261	0.365	7.205	8.660	1.566
WLNG-US	2025-07-02 22:00:00	15.329	22.289	0.368	7.235	8.654	1.575
WLNG-US	2025-07-02 23:00:00	15.192	22.286	0.369	7.195	8.686	1.527
WLNG-US	2025-07-03 00:00:00	15.075	22.302	0.369	7.224	8.724	1.515
WLNG-US	2025-07-03 01:00:00	14.954	22.220	0.368	7.205	8.754	1.551
WLNG-US	2025-07-03 02:00:00	14.832	22.198	0.368	7.233	8.784	1.492
WLNG-US	2025-07-03 03:00:00	14.728	22.647	0.368	7.241	8.828	1.521
WLNG-US	2025-07-03 04:00:00	14.664	22.610	0.368	7.214	8.828	1.464
WLNG-US	2025-07-03 05:00:00	14.604	22.375	0.365	7.212	8.841	1.505

WLNG Woodfibre Site (East Creek)							
Station	Date/Time	Temperature (C)	Specific Conductivity (µS/cm)	ORP (V)	pH (pH units)	Dissolved Oxygen (mg/L)	Turbidity (NTU)
WLNG-US	2025-07-03 06:00:00	14.521	22.265	0.383	6.977	8.878	4.739
WLNG-US	2025-07-03 07:00:00	14.390	21.937	0.367	7.278	8.938	1.471
WLNG-US	2025-07-03 08:00:00	14.350	21.690	0.362	7.301	9.019	1.481
WLNG-US	2025-07-03 09:00:00	14.391	21.560	0.362	7.402	9.124	1.507
WLNG-US	2025-07-03 10:00:00	14.470	21.493	0.360	7.386	9.186	1.489
WLNG-US	2025-07-03 11:00:00	14.731	21.268	0.356	7.405	9.224	1.494
WLNG-US	2025-07-03 12:00:00	15.254	21.247	0.351	7.436	9.202	1.541
WLNG-US	2025-07-03 13:00:00	15.055	21.592	0.354	7.414	9.111	1.551
WLNG-US	2025-07-03 14:00:00	14.911	21.563	0.357	7.404	9.022	1.505
WLNG-US	2025-07-03 15:00:00	14.963	21.477	0.356	7.398	9.047	1.534
WLNG-US	2025-07-03 16:00:00	14.982	21.692	0.353	7.368	8.988	1.532
WLNG-US	2025-07-03 17:00:00	15.002	21.883	0.348	7.310	8.915	1.578
WLNG-US	2025-07-03 18:00:00	15.045	21.840	0.347	7.309	8.883	1.525
WLNG-US	2025-07-03 19:00:00		21.786				1.536
WLNG-US	2025-07-03 20:00:00	14.983	22.152	0.353	7.242	8.827	1.546
WLNG-US	2025-07-03 21:00:00	14.891	22.325	0.361	7.089	8.824	5.075
WLNG-US	2025-07-03 22:00:00	14.760	22.277	0.370	6.941	8.832	1.565
WLNG-US	2025-07-03 23:00:00	14.619	22.400	0.355	7.225	8.855	1.500
WLNG-US	2025-07-04 00:00:00	14.477	22.074	0.358	7.217	8.886	1.526
WLNG-US	2025-07-04 01:00:00	14.318	22.010	0.364	7.080	8.946	1.519
WLNG-US	2025-07-04 02:00:00	14.161	22.006	0.351	7.338	8.972	1.456
WLNG-US	2025-07-04 03:00:00	14.007	21.742	0.357	7.229	9.015	2.629
WLNG-US	2025-07-04 04:00:00	13.862	22.012	0.376	6.984	9.006	1.455
WLNG-US	2025-07-04 05:00:00		21.848				1.451
WLNG-US	2025-07-04 06:00:00	13.548	21.829	0.368	7.173	9.118	1.480
WLNG-US	2025-07-04 07:00:00	13.456	21.967	0.364	7.246	9.154	1.389
WLNG-US	2025-07-04 08:00:00	13.444	21.774	0.368	7.227	9.192	1.554
WLNG-US	2025-07-04 09:00:00	13.558	21.686	0.368	7.248	9.206	1.361
WLNG-US	2025-07-04 10:00:00	13.717	21.650	0.363	7.259	9.241	1.415
WLNG-US	2025-07-04 11:00:00	14.081	21.524	0.359	7.300	9.264	1.420
WLNG-US	2025-07-04 12:00:00	14.706	21.402	0.354	7.335	9.247	1.533
WLNG-US	2025-07-04 13:00:00	14.836	21.483	0.351	7.329	9.130	1.550
WLNG-US	2025-07-04 14:00:00	14.987	21.246	0.372	7.029	9.006	1.528
WLNG-US	2025-07-04 15:00:00	15.102	21.303	0.356	7.321	8.955	1.516
WLNG-US	2025-07-04 16:00:00	15.190	21.657	0.354	7.312	8.910	1.542
WLNG-US	2025-07-04 17:00:00	15.253	21.701	0.352	7.306	8.834	1.570
WLNG-US	2025-07-04 18:00:00	15.256	22.984	0.359	7.271	8.804	1.552
WLNG-US	2025-07-04 19:00:00	15.201	21.882	0.357	7.256	8.780	13.130
WLNG-US	2025-07-04 20:00:00	15.131	22.159	0.357	7.214	8.779	1.547
WLNG-US	2025-07-04 21:00:00	15.023	22.319	0.354	7.221	8.784	1.506
WLNG-US	2025-07-04 22:00:00	14.931	22.340	0.358	7.220	8.797	2.630
WLNG-US	2025-07-04 23:00:00	14.847	22.608	0.360	7.213	8.803	1.534
WLNG-US	2025-07-05 00:00:00	14.747	22.550	0.361	7.214	8.850	1.604
WLNG-US	2025-07-05 01:00:00	14.618	22.408	0.365	7.205	8.875	1.564
WLNG-US	2025-07-05 02:00:00	14.476	22.290	0.365	7.193	8.906	1.456
WLNG-US	2025-07-05 03:00:00	14.335	22.293	0.362	7.202	8.941	1.488
WLNG-US	2025-07-05 04:00:00	14.259	22.234	0.365	7.197	8.993	1.452
WLNG-US	2025-07-05 05:00:00	14.163	22.468	0.361	7.192	8.978	1.488
WLNG-US	2025-07-05 06:00:00	14.062	22.353	0.360	7.196	9.059	1.437

WLNG Woodfibre Site (East Creek)							
Station	**Date/Time**	**Temperature (C)**	**Specific Conductivity (µS/cm)**	**ORP (V)**	**pH (pH units)**	**Dissolved Oxygen (mg/L)**	**Turbidity (NTU)**
WLNG-US	2025-07-05 07:00:00	14.058	22.401	0.373	6.970	9.120	1.561
WLNG-US	2025-07-05 08:00:00	14.074	22.288	0.360	7.223	9.126	1.442
WLNG-US	2025-07-05 09:00:00	14.137	22.076	0.357	7.262	9.183	1.403
WLNG-US	2025-07-05 10:00:00	14.250	21.830	0.353	7.319	9.293	1.434
WLNG-US	2025-07-05 11:00:00	14.498	21.707	0.354	7.339	9.242	1.508
WLNG-US	2025-07-05 12:00:00	14.885	21.576	0.352	7.390	9.278	1.469
WLNG-US	2025-07-05 13:00:00	14.783	21.656	0.351	7.368	9.208	1.528
WLNG-US	2025-07-05 14:00:00	14.865	21.711	0.347	7.361	9.169	1.523
WLNG-US	2025-07-05 15:00:00	14.928	21.749	0.350	7.362	9.151	1.505
WLNG-US	2025-07-05 16:00:00	15.021	21.778	0.348	7.362	9.116	1.522
WLNG-US	2025-07-05 17:00:00	15.041	21.919	0.350	7.341	9.054	1.634
WLNG-US	2025-07-05 18:00:00	15.036	22.047	0.354	7.293	8.926	1.444
WLNG-US	2025-07-05 19:00:00	14.976	22.289	0.358	7.260	8.904	1.525
WLNG-US	2025-07-05 20:00:00	14.917	22.233	0.359	7.239	8.871	1.725
WLNG-US	2025-07-05 21:00:00	14.827	22.779	0.362	7.215	8.878	1.769
WLNG-US	2025-07-05 22:00:00	14.718	22.608	0.362	7.200	8.854	1.900
WLNG-US	2025-07-05 23:00:00	14.593	22.536	0.362	7.228	8.893	1.520
WLNG-US	2025-07-06 00:00:00	14.464	22.483	0.365	7.213	8.914	3.395
WLNG-US	2025-07-06 01:00:00	14.347	22.370	0.364	7.211	8.959	1.463
WLNG-US	2025-07-06 02:00:00	14.218	22.429	0.364	7.213	8.988	1.471
WLNG-US	2025-07-06 03:00:00	14.078	22.131	0.364	7.224	9.029	1.413
WLNG-US	2025-07-06 04:00:00	13.940	22.262	0.360	7.213	9.054	1.553
WLNG-US	2025-07-06 05:00:00	13.807	22.427	0.363	7.228	9.074	1.421
WLNG-US	2025-07-06 06:00:00	13.689	22.212	0.366	7.228	9.136	1.421
WLNG-US	2025-07-06 07:00:00	13.604	22.271	0.365	7.233	9.183	1.405
WLNG-US	2025-07-06 08:00:00	13.627	22.069	0.361	7.251	9.278	1.377
WLNG-US	2025-07-06 09:00:00	13.765	21.851	0.360	7.272	9.334	1.396
WLNG-US	2025-07-06 10:00:00	13.960	21.842	0.365	7.303	9.345	2.191
WLNG-US	2025-07-06 11:00:00	14.283	22.201	0.359	7.331	9.303	1.480
WLNG-US	2025-07-06 12:00:00	14.908	21.854	0.353	7.374	9.264	1.630
WLNG-US	2025-07-06 13:00:00	15.014	21.869	0.354	7.361	9.147	1.501
WLNG-US	2025-07-06 14:00:00	15.172	21.519	0.351	7.384	9.122	1.545
WLNG-US	2025-07-06 15:00:00	15.242	21.872	0.355	7.339	9.005	1.574
WLNG-US	2025-07-06 16:00:00	15.221	21.953	0.357	7.311	8.977	1.594
WLNG-US	2025-07-06 17:00:00	15.215	22.292	0.358	7.271	8.890	1.515


Turbidity (NTU)
1000
750
500
250
0
30-Jun
01-Jul
02-Jul
03-Jul
04-Jul
05-Jul
06-Jul
07-Jul
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. #: 107942

Attention: Jennifer Choyce

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

Report Date: 2025/07/16
Report #: R3685867
Version: 3 - Final

CERTIFICATE OF ANALYSIS

BUREAU VERITAS JOB #: C558942
Received: 2025/07/02, 17:00

Sample Matrix: Water
Samples Received: 8

Analyses	Quantity	Date Extracted	Date Analyzed	Laboratory Method	Analytical Method
Alkalinity @25C (pp, total), CO3,HCO3,OH	8	N/A	2025/07/03	BBY6SOP-00026	SM 24 2320 B m
Chloride/Sulphate by Auto Colourimetry	8	N/A	2025/07/07	BBY6SOP-00011 / BBY6SOP-00017	SM24-4500-Cl/SO4-E m
Chromium III (Calc'd)	1	N/A	2025/07/04		
Chromium III (Calc'd)	7	N/A	2025/07/07		
Total Hexavalent Chromium	8	N/A	2025/07/04	BBY6SOP-00054	SM 24 3500-Cr B m
Carbon (DOC) -Lab Filtered (3)	8	N/A	2025/07/03	BBY6SOP-00053	SM 24 5310 B m
Fluoride	7	N/A	2025/07/04	BBY6SOP-00037	SM 24 4500-F C m
Fluoride	1	N/A	2025/07/05	BBY6SOP-00037	SM 24 4500-F C m
Glycols in Water by GC/FID (1)	2	N/A	2025/07/08	CAL SOP-00093	BCMOE Glycols 09/17
Sulphide (as H2S) (1)	8	N/A	2025/07/08		Auto Calc
Un-ionized Hydrogen Sulphide as S Calc	6	N/A	2025/07/08	BBY WI-00033	Auto Calc
Hardness Total (calculated as CaCO3) (4)	1	N/A	2025/07/04	BBY WI-00033	Auto Calc
Hardness Total (calculated as CaCO3) (4)	7	N/A	2025/07/07	BBY WI-00033	Auto Calc
Hardness (calculated as CaCO3)	8	N/A	2025/07/04	BBY WI-00033	Auto Calc
Mercury (Dissolved) by CV-Lab Filtered	8	2025/07/07	2025/07/07	BBY7SOP-00032	BCMOE LM 2023 C1.1.3
Mercury (Total) by CV	8	2025/07/07	2025/07/07	BBY7SOP-00032	BCMOE LM 2023 C1.1.3
Bromide as Bromine (Br) by ICPMS	8	N/A	2025/07/04	BBY7SOP-00002	EPA 6020B R2 m
EPH in Water when PAH required	2	2025/07/09	2025/07/09	BBY8SOP-00029	BCMOE BCLM Sep2017 m
Na, K, Ca, Mg, S by CRC ICPMS (diss.)	8	N/A	2025/07/04	BBY WI-00033	Auto Calc
Elements by ICPMS Low Level (lab filter) (5)	8	N/A	2025/07/03	BBY7SOP-00002	EPA 6020b R2 m
Elements by ICPMS Digested LL (total)	5	2025/07/04	2025/07/04	BBY7SOP-00003 / BBY7SOP-00002	EPA 6020b R2 m
Na, K, Ca, Mg, S by CRC ICPMS (total)	1	N/A	2025/07/04	BBY WI-00033	Auto Calc
Na, K, Ca, Mg, S by CRC ICPMS (total)	7	N/A	2025/07/07	BBY WI-00033	Auto Calc
Elements by ICPMS Low Level (total)	3	N/A	2025/07/07	BBY7SOP-00002	EPA 6020b R2 m
Nitrogen (Total)	8	N/A	2025/07/08	BBY6SOP-00016	SM 24 4500-N C m
Ammonia-N (Total)	8	N/A	2025/07/07	AB SOP-00007	SM 24 4500 NH3 A G m
Nitrate + Nitrite (N)	8	N/A	2025/07/03	BBY6SOP-00010	SM 24 4500-NO3- H m
Nitrite (N) Regular Level Water	8	N/A	2025/07/03	BBY6SOP-00010	SM 24 4500-NO2- m
Nitrogen - Nitrate (as N)	8	N/A	2025/07/04	BBY WI-00033	Auto Calc

Your P.O. #: 4800010213
Your Project #: FORTIS11234/PE-110163
Site Location: WOODFIBRE PIPELINE PROJECT
Your C.O.C. #: 107942

Attention: Jennifer Choyce

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

Report Date: 2025/07/16
Report #: R3685867
Version: 3 - Final

CERTIFICATE OF ANALYSIS

BUREAU VERITAS JOB #: C558942
Received: 2025/07/02, 17:00

Sample Matrix: Water
Samples Received: 8

Analyses	Quantity	Date Extracted	Date Analyzed	Laboratory Method	Analytical Method
PAH in Water by GC/MS (SIM)	2	2025/07/09	2025/07/09	BBY8SOP-00021	BCMOE BCLM Jul2017m
Total LMW, HMW, Total PAH Calc (6)	2	N/A	2025/07/10	BBY WI-00033	Auto Calc
pH @25°C (7)	8	N/A	2025/07/03	BBY6SOP-00026	SM 24 4500-H+ B m
Phenols (4-AAP) (1)	2	N/A	2025/07/07	AB SOP-00088	EPA 9066 R0 m
Total Sulphide (1)	8	2025/07/07	2025/07/08	AB SOP-00080	SM 24 4500 S2-A D Fm
Total Dissolved Solids (Filt. Residue)	8	2025/07/08	2025/07/09	BBY6SOP-00033	SM 24 2540 C m
EPH less PAH in Water by GC/FID (8)	2	N/A	2025/07/10	BBY WI-00033	Auto Calc
Carbon (Total Organic) (9)	8	N/A	2025/07/04	BBY6SOP-00053	SM 24 5310 B m
Total Phosphorus Low Level Total	8	2025/07/07	2025/07/09	BBY6SOP-00013	SM 24 4500-P E m
Rainbow Trout LC50 Multi-Concentration (2)	1	N/A	2025/07/06	EENVSOP-00160	EPS 1 RM13 2nd ed m
Total Suspended Solids (NFR)	8	2025/07/08	2025/07/09	BBY6SOP-00034	SM 24 2540 D m
Field pH	6	N/A	2025/07/03	Field Test	Field Test
Field Temperature	6	N/A	2025/07/03	Field Test	Field Test
Field Dissolved Oxygen	4	N/A	2025/07/03	Field Test	Field Test
VOCs, VH, F1, LH in Water by HS GC/MS	2	N/A	2025/07/07	BBY8SOP-00009 / BBY8SOP-00011 / BBY8SOP-00012	BCMOE BCLM Jul2017 m
Volatile HC-BTEX (10)	2	N/A	2025/07/07	BBY WI-00033	Auto Calc

Remarks:

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

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

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

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

Your P.O. #: 4800010213
Your Project #: FORTIS11234/PE-110163
Site Location: WOODFIBRE PIPELINE PROJECT
Your C.O.C. #: 107942

Attention: Jennifer Choyce

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

Report Date: 2025/07/16
Report #: R3685867
Version: 3 - Final

CERTIFICATE OF ANALYSIS

BUREAU VERITAS JOB #: C558942
Received: 2025/07/02, 17:00
customer or their agent.

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

Reference Method suffix "m" indicates test methods incorporate validated modifications from specific reference methods to improve performance.
* RPDs calculated using raw data. The rounding of final results may result in the apparent difference.
(1) This test was performed by Bureau Veritas Calgary, 4000 - 19 St. , Calgary, AB, T2E 6P8
(2) This test was performed by Bureau Veritas Edmonton Environmental, 4326 76 Avenue NW , Edmonton, AB, T6B 2H8
(3) 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.
(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
==========
Bureau Veritas has procedures in place to guard against improper use of the electronic signature and have the required "signatories", as per ISO/IEC 17025, signing the reports. For Service Group specific validation, please refer to the Validation Signatures page if included, otherwise available by request. For Department specific Analyst/Supervisor validation names, please refer to the Test Summary section if included, otherwise available by request. This report is authorized by Rob Gilbert, BBY General Manager responsible for British Columbia Environmental laboratory operations.

Bureau Veritas Job #: C558942
Report Date: 2025/07/16

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		DOF843			DOF844			DOF844		
Sampling Date		2025/07/02			2025/07/02			2025/07/02		
COC Number		107942			107942			107942		
	UNITS	WLNG-DS	RDL	QC Batch	WLNG -EOP	RDL	QC Batch	WLNG -EOP Lab-Dup	RDL	QC Batch
ANIONS										
Nitrite (N)	mg/L	ND	0.0050	C008611	ND	0.0050	C008611			
Calculated Parameters										
Total Chromium III	mg/L	ND	0.00099	C008201	ND	0.00099	C008201			
Dissolved Hardness (CaCO3)	mg/L	48.4	0.50	C007067	50.9	0.50	C007067			
Total Hardness (CaCO3)	mg/L	46.9	0.50	C007020	47.8	0.50	C007020			
Nitrate (N)	mg/L	ND	0.020	C007839	ND	0.020	C007839			
Sulphide (as H2S)	mg/L	ND	0.0020	C006887	0.0056	0.0020	C006887			
Field Parameters										
Field Dissolved Oxygen	mg/L	2.12	N/A	ONSITE	1.76	N/A	ONSITE			
Field pH	pH	6.96	N/A	ONSITE	5.94	N/A	ONSITE			
Field Temperature	°C	12.8	N/A	ONSITE	12.7	N/A	ONSITE			
Misc. Inorganics										
pH	pH	7.27	N/A	C008662	7.22	N/A	C008662	7.23	N/A	C008662
Total Organic Carbon (C)	mg/L	1.6	0.50	C008392	1.4	0.50	C008392			
Total Dissolved Solids	mg/L	84	10	C012317	88	10	C012317			
Total Suspended Solids	mg/L	2.8	1.0	C012736	4.0	1.0	C012736			
Lab Filtered Inorganics										
Dissolved Organic Carbon (C)	mg/L	1.5	0.50	C008388	1.2	0.50	C008388			
Anions										
Alkalinity (PP as CaCO3)	mg/L	ND	1.0	C008736	ND	1.0	C008736	ND	1.0	C008736
Alkalinity (Total as CaCO3)	mg/L	43	1.0	C008736	44	1.0	C008736	45	1.0	C008736
Bicarbonate (HCO3)	mg/L	52	1.0	C008736	54	1.0	C008736	54	1.0	C008736
Carbonate (CO3)	mg/L	ND	1.0	C008736	ND	1.0	C008736	ND	1.0	C008736
Dissolved Fluoride (F)	mg/L	0.15	0.050	C009438	0.14	0.050	C009438			
Hydroxide (OH)	mg/L	ND	1.0	C008736	ND	1.0	C008736	ND	1.0	C008736
Total Sulphide	mg/L	ND	0.0018	C011555	0.0052	0.0018	C011555			
Chloride (Cl)	mg/L	11	1.0	C011245	12	1.0	C011245			
Sulphate (SO4)	mg/L	7.8	1.0	C011245	8.1	1.0	C011245			

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 #: C558942
Report Date: 2025/07/16

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		DOF843			DOF844			DOF844		
Sampling Date		2025/07/02			2025/07/02			2025/07/02		
COC Number		107942			107942			107942		
	UNITS	WLNG-DS	RDL	QC Batch	WLNG -EOP	RDL	QC Batch	WLNG -EOP Lab-Dup	RDL	QC Batch
Metals										
Total Hex. Chromium (Cr 6+)	mg/L	ND	0.00099	C009795	ND	0.00099	C009795			
Nutrients										
Total Ammonia (N)	mg/L	ND	0.015	C011292	ND	0.015	C011292			
Total Phosphorus (P)	mg/L	0.0040	0.0010	C011658	0.0037	0.0010	C011658			
Nitrate plus Nitrite (N)	mg/L	ND	0.020	C008610	ND	0.020	C008610			
Total Nitrogen (N)	mg/L	0.225	0.020	C011038	0.157	0.020	C011038			
Misc. Organics										
Phenols	mg/L	0.0020	0.0015	C011310						

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

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

Bureau Veritas Job #: C558942
Report Date: 2025/07/16

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		DOF845			DOF845			DOF846		
Sampling Date		2025/07/02			2025/07/02			2025/07/02		
COC Number		107942			107942			107942		
	UNITS	WLNG-US	RDL	QC Batch	WLNG-US Lab-Dup	RDL	QC Batch	SQRI-US	RDL	QC Batch
ANIONS										
Nitrite (N)	mg/L	ND	0.0050	C008611				ND	0.0050	C008611
Calculated Parameters										
Total Chromium III	mg/L	ND	0.00099	C008201				ND	0.00099	C008201
Dissolved Hardness (CaCO3)	mg/L	7.65	0.50	C007067				8.39	0.50	C007067
Total Hardness (CaCO3)	mg/L	7.74	0.50	C007020				9.05	0.50	C007020
Nitrate (N)	mg/L	0.022	0.020	C007839				ND	0.020	C007839
Sulphide (as H2S)	mg/L	ND	0.0020	C006887				ND	0.0020	C006887
Field Parameters										
Field Dissolved Oxygen	mg/L	2.18	N/A	ONSITE						
Field pH	pH	7.11	N/A	ONSITE				9.92	N/A	ONSITE
Field Temperature	°C	14.8	N/A	ONSITE				14.8	N/A	ONSITE
Misc. Inorganics										
pH	pH	6.56	N/A	C008662				6.46	N/A	C008662
Total Organic Carbon (C)	mg/L	1.7	0.50	C008392				0.60	0.50	C008392
Total Dissolved Solids	mg/L	22	10	C012317	24	10	C012317	28	10	C012317
Total Suspended Solids	mg/L	ND	1.0	C012736				73	1.0	C012736
Lab Filtered Inorganics										
Dissolved Organic Carbon (C)	mg/L	1.6	0.50	C008388				0.56	0.50	C008388
Anions										
Alkalinity (PP as CaCO3)	mg/L	ND	1.0	C008736				ND	1.0	C008736
Alkalinity (Total as CaCO3)	mg/L	7.4	1.0	C008736				7.8	1.0	C008736
Bicarbonate (HCO3)	mg/L	9.0	1.0	C008736				9.5	1.0	C008736
Carbonate (CO3)	mg/L	ND	1.0	C008736				ND	1.0	C008736
Dissolved Fluoride (F)	mg/L	ND	0.050	C009438				ND	0.050	C009438
Hydroxide (OH)	mg/L	ND	1.0	C008736				ND	1.0	C008736
Total Sulphide	mg/L	ND	0.0018	C011555				ND	0.0018	C011555
Chloride (Cl)	mg/L	ND	1.0	C011245				ND	1.0	C011230
Sulphate (SO4)	mg/L	2.4	1.0	C011245				2.0	1.0	C011230

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

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Bureau Veritas Job #: C558942
Report Date: 2025/07/16

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		DOF845			DOF845			DOF846		
Sampling Date		2025/07/02			2025/07/02			2025/07/02		
COC Number		107942			107942			107942		
	UNITS	WLNG-US	RDL	QC Batch	WLNG-US Lab-Dup	RDL	QC Batch	SQRI-US	RDL	QC Batch
Metals										
Total Hex. Chromium (Cr 6+)	mg/L	ND	0.00099	C009795				ND	0.00099	C009795
Nutrients										
Total Ammonia (N)	mg/L	ND	0.015	C011292				ND	0.015	C011292
Total Phosphorus (P)	mg/L	0.0069	0.0010	C011658				0.12	0.0010	C011658
Nitrate plus Nitrite (N)	mg/L	0.022	0.020	C008610				ND	0.020	C008610
Total Nitrogen (N)	mg/L	0.111	0.020	C011038				0.106	0.020	C011038

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

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Bureau Veritas Job #: C558942
Report Date: 2025/07/16

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		DOF847			DOF847			DOF848		
Sampling Date		2025/07/02			2025/07/02			2025/07/02		
COC Number		107942			107942			107942		
	UNITS	SQRI-DS	RDL	QC Batch	SQRI-DS Lab-Dup	RDL	QC Batch	Field Blank	RDL	QC Batch
ANIONS										
Nitrite (N)	mg/L	ND	0.0050	C008611				ND	0.0050	C008611
Calculated Parameters										
Total Chromium III	mg/L	ND	0.00099	C008201				ND	0.00099	C008201
Dissolved Hardness (CaCO3)	mg/L	7.72	0.50	C007067				ND	0.50	C007067
Total Hardness (CaCO3)	mg/L	8.78	0.50	C007020				ND	0.50	C007020
Nitrate (N)	mg/L	ND	0.020	C007839				ND	0.020	C007839
Sulphide (as H2S)	mg/L	ND	0.0020	C006887				ND	0.0020	C006887
Field Parameters										
Field pH	pH	7.37	N/A	ONSITE						
Field Temperature	°C	12.9	N/A	ONSITE						
Misc. Inorganics										
pH	pH	6.46	N/A	C008662				6.72	N/A	C008662
Total Organic Carbon (C)	mg/L	ND	0.50	C008392				ND	0.50	C008392
Total Dissolved Solids	mg/L	20	10	C012317				ND	10	C012317
Total Suspended Solids	mg/L	82	1.0	C012736				ND	1.0	C012736
Lab Filtered Inorganics										
Dissolved Organic Carbon (C)	mg/L	ND	0.50	C008388				ND	0.50	C008388
Anions										
Alkalinity (PP as CaCO3)	mg/L	ND	1.0	C008736				ND	1.0	C008736
Alkalinity (Total as CaCO3)	mg/L	7.0	1.0	C008736				1.0	1.0	C008736
Bicarbonate (HCO3)	mg/L	8.6	1.0	C008736				1.3	1.0	C008736
Carbonate (CO3)	mg/L	ND	1.0	C008736				ND	1.0	C008736
Dissolved Fluoride (F)	mg/L	ND	0.050	C009438				ND	0.050	C009438
Hydroxide (OH)	mg/L	ND	1.0	C008736				ND	1.0	C008736
Total Sulphide	mg/L	ND	0.0018	C011555				ND	0.0018	C011555
Chloride (Cl)	mg/L	ND	1.0	C011245	ND	1.0	C011245	ND	1.0	C011245
Sulphate (SO4)	mg/L	1.8	1.0	C011245	1.8	1.0	C011245	ND	1.0	C011245

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

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Bureau Veritas Job #: C558942
Report Date: 2025/07/16

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		DOF847			DOF847			DOF848		
Sampling Date		2025/07/02			2025/07/02			2025/07/02		
COC Number		107942			107942			107942		
	UNITS	SQRI-DS	RDL	QC Batch	SQRI-DS Lab-Dup	RDL	QC Batch	Field Blank	RDL	QC Batch
Metals										
Total Hex. Chromium (Cr 6+)	mg/L	ND	0.00099	C009795				ND	0.00099	C009795
Nutrients										
Total Ammonia (N)	mg/L	ND	0.015	C011292				ND	0.015	C011295
Total Phosphorus (P)	mg/L	0.10	0.0010	C011658				0.0015	0.0010	C011658
Nitrate plus Nitrite (N)	mg/L	ND	0.020	C008610				ND	0.020	C008610
Total Nitrogen (N)	mg/L	0.060	0.020	C011038				ND	0.020	C011038

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

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Bureau Veritas Job #: C558942
Report Date: 2025/07/16

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		DOF848			DOF849			DOF849		
Sampling Date		2025/07/02			2025/07/02			2025/07/02		
COC Number		107942			107942			107942		
	UNITS	Field Blank Lab-Dup	RDL	QC Batch	Trip Blank	RDL	QC Batch	Trip Blank Lab-Dup	RDL	QC Batch
ANIONS										
Nitrite (N)	mg/L				ND	0.0050	C008611			
Calculated Parameters										
Total Chromium III	mg/L				ND	0.00099	C008201			
Dissolved Hardness (CaCO3)	mg/L				ND	0.50	C007067			
Total Hardness (CaCO3)	mg/L				ND	0.50	C007020			
Nitrate (N)	mg/L				ND	0.020	C007839			
Sulphide (as H2S)	mg/L				ND	0.0020	C006887			
Misc. Inorganics										
pH	pH				5.67	N/A	C008662			
Total Organic Carbon (C)	mg/L				ND	0.50	C008392			
Total Dissolved Solids	mg/L				ND	10	C012317			
Total Suspended Solids	mg/L	ND	1.0	C012736	ND	1.0	C012736			
Lab Filtered Inorganics										
Dissolved Organic Carbon (C)	mg/L				ND	0.50	C008388			
Anions										
Alkalinity (PP as CaCO3)	mg/L				ND	1.0	C008736			
Alkalinity (Total as CaCO3)	mg/L				ND	1.0	C008736			
Bicarbonate (HCO3)	mg/L				ND	1.0	C008736			
Carbonate (CO3)	mg/L				ND	1.0	C008736			
Dissolved Fluoride (F)	mg/L				ND	0.050	C009438			
Hydroxide (OH)	mg/L				ND	1.0	C008736			
Total Sulphide	mg/L				ND	0.0018	C011555			
Chloride (Cl)	mg/L				ND	1.0	C011245			
Sulphate (SO4)	mg/L				ND	1.0	C011245			
Metals										
Total Hex. Chromium (Cr 6+)	mg/L				ND	0.00099	C009795	ND	0.00099	C009795

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

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Bureau Veritas Job #: C558942
Report Date: 2025/07/16

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		DOF848			DOF849			DOF849		
Sampling Date		2025/07/02			2025/07/02			2025/07/02		
COC Number		107942			107942			107942		
	UNITS	Field Blank Lab-Dup	RDL	QC Batch	Trip Blank	RDL	QC Batch	Trip Blank Lab-Dup	RDL	QC Batch
Nutrients										
Total Ammonia (N)	mg/L				ND	0.015	C011295			
Total Phosphorus (P)	mg/L	0.0017	0.0010	C011658	ND	0.0010	C011658			
Nitrate plus Nitrite (N)	mg/L				ND	0.020	C008610			
Total Nitrogen (N)	mg/L	ND	0.020	C011038	ND	0.020	C011038			

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

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RESULTS OF CHEMICAL ANALYSES OF WATER

Bureau Veritas ID		DOF850		
Sampling Date		2025/07/02		
COC Number		107942		
	UNITS	Duplicate	RDL	QC Batch
ANIONS				
Nitrite (N)	mg/L	ND	0.0050	C008611
Calculated Parameters				
Total Chromium III	mg/L	ND	0.00099	C008201
Dissolved Hardness (CaCO3)	mg/L	49.8	0.50	C007067
Total Hardness (CaCO3)	mg/L	50.5	0.50	C007020
Nitrate (N)	mg/L	ND	0.020	C007839
Sulphide (as H2S)	mg/L	ND	0.0020	C006887
Field Parameters				
Field Dissolved Oxygen	mg/L	2.76	N/A	ONSITE
Field pH	pH	6.94	N/A	ONSITE
Field Temperature	°C	12.1	N/A	ONSITE
Misc. Inorganics				
pH	pH	7.14	N/A	C008662
Total Organic Carbon (C)	mg/L	1.4	0.50	C008392
Total Dissolved Solids	mg/L	88	10	C012317
Total Suspended Solids	mg/L	4.0	1.0	C012736
Lab Filtered Inorganics				
Dissolved Organic Carbon (C)	mg/L	1.3	0.50	C008388
Anions				
Alkalinity (PP as CaCO3)	mg/L	ND	1.0	C008736
Alkalinity (Total as CaCO3)	mg/L	43	1.0	C008736
Bicarbonate (HCO3)	mg/L	52	1.0	C008736
Carbonate (CO3)	mg/L	ND	1.0	C008736
Dissolved Fluoride (F)	mg/L	0.15	0.050	C009933
Hydroxide (OH)	mg/L	ND	1.0	C008736
Total Sulphide	mg/L	ND	0.0018	C011555
Chloride (Cl)	mg/L	12	1.0	C011245
Sulphate (SO4)	mg/L	8.0	1.0	C011245

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

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RESULTS OF CHEMICAL ANALYSES OF WATER

Bureau Veritas ID		DOF850		
Sampling Date		2025/07/02		
COC Number		107942		
	UNITS	Duplicate	RDL	QC Batch
Metals				
Total Hex. Chromium (Cr 6+)	mg/L	ND	0.00099	C009795
Nutrients				
Total Ammonia (N)	mg/L	ND	0.015	C011295
Total Phosphorus (P)	mg/L	0.0032	0.0010	C011658
Nitrate plus Nitrite (N)	mg/L	ND	0.020	C008610
Total Nitrogen (N)	mg/L	0.136	0.020	C011038
Misc. Organics				
Phenols	mg/L	ND	0.0015	C011310

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

GLYCOLS BY GC-FID (WATER)

Bureau Veritas ID		DOF843	DOF850		
Sampling Date		2025/07/02	2025/07/02		
COC Number		107942	107942		
	UNITS	WLNG-DS	Duplicate	RDL	QC Batch
Glycols					
Ethylene Glycol	mg/L	ND	ND	3.0	C012481
Diethylene Glycol	mg/L	ND	ND	5.0	C012481
Triethylene Glycol	mg/L	ND	ND	5.0	C012481
Propylene Glycol	mg/L	ND	ND	5.0	C012481
Surrogate Recovery (%)					
Methyl Sulfone (sur.)	%	96	105		C012481

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

Bureau Veritas Job #: C558942
Report Date: 2025/07/16

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

MERCURY BY COLD VAPOR (WATER)

Bureau Veritas ID		DOF843			DOF843			DOF844	DOF845		
Sampling Date		2025/07/02			2025/07/02			2025/07/02	2025/07/02		
COC Number		107942			107942			107942	107942		
	UNITS	WLNG-DS	RDL	QC Batch	WLNG-DS Lab-Dup	RDL	QC Batch	WLNG -EOP	WLNG-US	RDL	QC Batch
Elements											
Total Mercury (Hg)	ug/L	ND	0.0019	C011592	ND	0.0019	C011592	ND	0.0021	0.0019	C011592
Lab Filtered Elements											
Dissolved Mercury (Hg)	ug/L	ND (1)	0.0019	C011259				ND (1)	ND (1)	0.0019	C011259

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

Bureau Veritas ID		DOF846	DOF847	DOF848	DOF849	DOF850		
Sampling Date		2025/07/02	2025/07/02	2025/07/02	2025/07/02	2025/07/02		
COC Number		107942	107942	107942	107942	107942		
	UNITS	SQRI-US	SQRI-DS	Field Blank	Trip Blank	Duplicate	RDL	QC Batch
Elements								
Total Mercury (Hg)	ug/L	0.0022	ND	ND	ND	ND	0.0019	C011592
Lab Filtered Elements								
Dissolved Mercury (Hg)	ug/L	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	0.0019	C011259

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

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Bureau Veritas Job #: C558942
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HATFIELD CONSULTANTS
Client Project #: FORTIS11234/PE-110163
Site Location: WOODFIBRE PIPELINE PROJECT
Your P.O. #: 4800010213

ELEMENTS BY ATOMIC SPECTROSCOPY (WATER)

Bureau Veritas ID		DOF843	DOF844			DOF845			DOF846		
Sampling Date		2025/07/02	2025/07/02			2025/07/02			2025/07/02		
COC Number		107942	107942			107942			107942		
	UNITS	WLNG-DS	WLNG -EOP	RDL	QC Batch	WLNG-US	RDL	QC Batch	SQRI-US	RDL	QC Batch
ANIONS											
Bromide (Br)	mg/L	ND	ND	0.010	C009577	ND	0.010	C009577	ND	0.010	C009577
Dissolved Metals by ICPMS											
Dissolved Calcium (Ca)	mg/L	18.1	19.1	0.050	C007297	2.64	0.050	C007297	2.90	0.050	C007297
Dissolved Magnesium (Mg)	mg/L	0.776	0.798	0.050	C007297	0.255	0.050	C007297	0.279	0.050	C007297
Dissolved Potassium (K)	mg/L	1.71	1.51	0.050	C007297	0.189	0.050	C007297	0.350	0.050	C007297
Dissolved Sodium (Na)	mg/L	5.34	5.53	0.050	C007297	1.65	0.050	C007297	0.898	0.050	C007297
Dissolved Sulphur (S)	mg/L	ND	ND	3.0	C007297	ND	3.0	C007297	ND	3.0	C007297
Lab Filtered Metals											
Dissolved Aluminum (Al)	ug/L	62.8	31.2	0.50	C008606	31.9	0.50	C008606	25.2	0.50	C008606
Dissolved Antimony (Sb)	ug/L	0.411	0.258	0.020	C008606	0.026	0.020	C008606	ND	0.020	C008606
Dissolved Arsenic (As)	ug/L	1.29	1.28	0.020	C008606	0.092	0.020	C008606	0.077	0.020	C008606
Dissolved Barium (Ba)	ug/L	7.71	6.58	0.020	C008606	5.05	0.020	C008606	3.80	0.020	C008606
Dissolved Beryllium (Be)	ug/L	ND	ND	0.010	C008606	ND	0.010	C008606	ND	0.010	C008606
Dissolved Bismuth (Bi)	ug/L	ND	ND	0.0050	C008606	ND	0.0050	C008606	ND	0.0050	C008606
Dissolved Boron (B)	ug/L	13	15	10	C008606	ND	10	C008606	ND	10	C008606
Dissolved Cadmium (Cd)	ug/L	0.0121	0.0164	0.0050	C008606	0.0052	0.0050	C008606	ND	0.0050	C008606
Dissolved Cesium (Cs)	ug/L	ND	ND	0.050	C008606	ND	0.050	C008606	ND	0.050	C008606
Dissolved Chromium (Cr)	ug/L	ND	ND	0.10	C008606	ND	0.10	C008606	ND	0.10	C008606
Dissolved Cobalt (Co)	ug/L	0.102	0.112	0.0050	C008606	0.0186	0.0050	C008606	0.0274	0.0050	C008606
Dissolved Copper (Cu)	ug/L	0.129	0.264	0.050	C008606	0.482	0.050	C008606	0.358	0.050	C008606
Dissolved Iron (Fe)	ug/L	2.1	ND	1.0	C008606	28.9	1.0	C008606	17.9	1.0	C008606
Dissolved Lead (Pb)	ug/L	ND	ND	0.0050	C008606	0.0141	0.0050	C008606	0.0066	0.0050	C008606
Dissolved Lithium (Li)	ug/L	2.63	2.44	0.50	C008606	ND	0.50	C008606	ND	0.50	C008606
Dissolved Manganese (Mn)	ug/L	49.4	59.2	0.050	C008606	1.14	0.050	C008606	3.39	0.050	C008606
Dissolved Molybdenum (Mo)	ug/L	15.6	16.3	0.050	C008606	0.427	0.050	C008606	0.360	0.050	C008606
Dissolved Nickel (Ni)	ug/L	0.150	0.152	0.020	C008606	0.240	0.020	C008606	0.048	0.020	C008606
Dissolved Phosphorus (P)	ug/L	2.6	2.8	2.0	C008606	7.5	2.0	C008606	11.2	2.0	C008606
Dissolved Rubidium (Rb)	ug/L	3.36	2.83	0.050	C008606	0.466	0.050	C008606	0.567	0.050	C008606
Dissolved Selenium (Se)	ug/L	0.048	ND	0.040	C008606	ND	0.040	C008606	ND	0.040	C008606
Dissolved Silicon (Si)	ug/L	5470	5520	50	C008606	4240	50	C008606	2140	50	C008606
Dissolved Silver (Ag)	ug/L	ND	ND	0.0050	C008606	ND	0.0050	C008606	ND	0.0050	C008606
Dissolved Strontium (Sr)	ug/L	41.8	43.7	0.050	C008606	14.1	0.050	C008606	16.4	0.050	C008606

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		DOF843	DOF844			DOF845			DOF846		
Sampling Date		2025/07/02	2025/07/02			2025/07/02			2025/07/02		
COC Number		107942	107942			107942			107942		
	UNITS	WLNG-DS	WLNG -EOP	RDL	QC Batch	WLNG-US	RDL	QC Batch	SQRI-US	RDL	QC Batch
Dissolved Tellurium (Te)	ug/L	ND	ND	0.020	C008606	ND	0.020	C008606	ND	0.020	C008606
Dissolved Thallium (Tl)	ug/L	0.0130	0.0132	0.0020	C008606	ND	0.0020	C008606	ND	0.0020	C008606
Dissolved Thorium (Th)	ug/L	0.0050	ND	0.0050	C008606	0.0092	0.0050	C008606	0.0054	0.0050	C008606
Dissolved Tin (Sn)	ug/L	ND	ND	0.20	C008606	0.22	0.20	C008606	ND	0.20	C008606
Dissolved Titanium (Ti)	ug/L	ND	ND	0.50	C008606	ND	0.50	C008606	0.70	0.50	C008606
Dissolved Uranium (U)	ug/L	0.558	0.223	0.0020	C008606	0.0538	0.0020	C008606	0.0157	0.0020	C008606
Dissolved Vanadium (V)	ug/L	ND	ND	0.20	C008606	ND	0.20	C008606	0.69	0.20	C008606
Dissolved Zinc (Zn)	ug/L	1.43	2.70	0.10	C008606	0.87	0.10	C008606	0.66	0.10	C008606
Dissolved Zirconium (Zr)	ug/L	ND	ND	0.10	C008606	ND	0.10	C008606	ND	0.10	C008606
Total Metals by ICPMS											
Total Aluminum (Al)	ug/L	1330	97.2	3.0	C009587	62.0	0.50	C010370	350	3.0	C009587
Total Antimony (Sb)	ug/L	0.542	0.236	0.020	C009587	0.023	0.020	C010370	ND	0.020	C009587
Total Arsenic (As)	ug/L	1.83	1.31	0.020	C009587	0.089	0.020	C010370	0.105	0.020	C009587
Total Barium (Ba)	ug/L	17.2	6.07	0.050	C009587	6.00	0.020	C010370	9.32	0.050	C009587
Total Beryllium (Be)	ug/L	ND	ND	0.010	C009587	ND	0.010	C010370	ND	0.010	C009587
Total Bismuth (Bi)	ug/L	0.053	ND	0.010	C009587	ND	0.0050	C010370	ND	0.010	C009587
Total Boron (B)	ug/L	13	14	10	C009587	ND	10	C010370	ND	10	C009587
Total Cadmium (Cd)	ug/L	0.0486	0.0149	0.0050	C009587	0.0092	0.0050	C010370	0.0051	0.0050	C009587
Total Cesium (Cs)	ug/L	0.114	ND	0.050	C009587	ND	0.050	C010370	ND	0.050	C009587
Total Chromium (Cr)	ug/L	0.48	ND	0.10	C009587	ND	0.10	C010370	0.31	0.10	C009587
Total Cobalt (Co)	ug/L	0.221	0.108	0.010	C009587	0.0238	0.0050	C010370	0.141	0.010	C009587
Total Copper (Cu)	ug/L	1.74	0.33	0.10	C009587	0.530	0.050	C010370	1.07	0.10	C009587
Total Iron (Fe)	ug/L	956	13.5	5.0	C009587	51.6	1.0	C010370	280	5.0	C009587
Total Lead (Pb)	ug/L	0.320	0.030	0.020	C009587	0.0289	0.0050	C010370	0.066	0.020	C009587
Total Lithium (Li)	ug/L	2.91	2.29	0.50	C009587	ND	0.50	C010370	0.53	0.50	C009587
Total Manganese (Mn)	ug/L	73.9	52.9	0.10	C009587	1.86	0.050	C010370	9.33	0.10	C009587
Total Molybdenum (Mo)	ug/L	14.4	15.3	0.050	C009587	0.425	0.050	C010370	0.368	0.050	C009587
Total Nickel (Ni)	ug/L	0.36	0.14	0.10	C009587	0.252	0.020	C010370	0.21	0.10	C009587
Total Phosphorus (P)	ug/L	16.3	ND	5.0	C009587	16.5	2.0	C010370	25.0	5.0	C009587
Total Rubidium (Rb)	ug/L	4.50	2.50	0.050	C009587	0.484	0.050	C010370	0.959	0.050	C009587
Total Selenium (Se)	ug/L	ND	ND	0.040	C009587	ND	0.040	C010370	ND	0.040	C009587
Total Silicon (Si)	ug/L	6560	5620	50	C009587	4530	50	C010370	2930	50	C009587
Total Silver (Ag)	ug/L	ND	ND	0.010	C009587	ND	0.0050	C010370	ND	0.010	C009587

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		DOF843	DOF844			DOF845			DOF846		
Sampling Date		2025/07/02	2025/07/02			2025/07/02			2025/07/02		
COC Number		107942	107942			107942			107942		
	UNITS	WLNG-DS	WLNG -EOP	RDL	QC Batch	WLNG-US	RDL	QC Batch	SQRI-US	RDL	QC Batch
Total Strontium (Sr)	ug/L	42.8	41.8	0.050	C009587	15.1	0.050	C010370	19.1	0.050	C009587
Total Tellurium (Te)	ug/L	ND	ND	0.020	C009587	ND	0.020	C010370	ND	0.020	C009587
Total Thallium (Tl)	ug/L	0.0257	0.0140	0.0020	C009587	ND	0.0020	C010370	0.0041	0.0020	C009587
Total Thorium (Th)	ug/L	0.404	ND	0.050	C009587	ND	0.050	C010370	ND	0.050	C009587
Total Tin (Sn)	ug/L	ND	ND	0.20	C009587	ND	0.20	C010370	ND	0.20	C009587
Total Titanium (Ti)	ug/L	39.0 (1)	ND	2.0	C009587	1.09	0.50	C010370	18.5	2.0	C009587
Total Uranium (U)	ug/L	1.20	0.282	0.0050	C009587	0.0526	0.0020	C010370	0.0284	0.0050	C009587
Total Vanadium (V)	ug/L	0.92	ND	0.20	C009587	0.21	0.20	C010370	1.22	0.20	C009587
Total Zinc (Zn)	ug/L	8.2	2.9	1.0	C009587	1.97	0.10	C010370	1.9	1.0	C009587
Total Zirconium (Zr)	ug/L	ND	ND	0.10	C009587	ND	0.10	C010370	0.19	0.10	C009587
Total Calcium (Ca)	mg/L	17.3	17.9	0.25	C007302	2.64	0.050	C007302	2.98	0.25	C007302
Total Magnesium (Mg)	mg/L	0.87	0.75	0.25	C007302	0.275	0.050	C007302	0.39	0.25	C007302
Total Potassium (K)	mg/L	1.69	1.25	0.25	C007302	0.197	0.050	C007302	0.42	0.25	C007302
Total Sodium (Na)	mg/L	5.26	4.88	0.25	C007302	1.80	0.050	C007302	0.90	0.25	C007302
Total Sulphur (S)	mg/L	ND	ND	3.0	C007302	ND	3.0	C007302	ND	3.0	C007302

RDL = Reportable Detection Limit
ND = Not Detected at a concentration equal or greater than the indicated Detection Limit.
(1) Matrix spike exceeds acceptance limits due to matrix interference.

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

ELEMENTS BY ATOMIC SPECTROSCOPY (WATER)

Bureau Veritas ID		DOF847			DOF848	DOF849			DOF850		
Sampling Date		2025/07/02			2025/07/02	2025/07/02			2025/07/02		
COC Number		107942			107942	107942			107942		
	UNITS	SQRI-DS	RDL	QC Batch	Field Blank	Trip Blank	RDL	QC Batch	Duplicate	RDL	QC Batch
ANIONS											
Bromide (Br)	mg/L	ND	0.010	C009577	ND	ND	0.010	C009577	ND	0.010	C009577
Dissolved Metals by ICPMS											
Dissolved Calcium (Ca)	mg/L	2.68	0.050	C007297	ND	ND	0.050	C007297	18.7	0.050	C007297
Dissolved Magnesium (Mg)	mg/L	0.248	0.050	C007297	ND	ND	0.050	C007297	0.784	0.050	C007297
Dissolved Potassium (K)	mg/L	0.362	0.050	C007297	ND	ND	0.050	C007297	1.55	0.050	C007297
Dissolved Sodium (Na)	mg/L	0.843	0.050	C007297	ND	ND	0.050	C007297	5.46	0.050	C007297
Dissolved Sulphur (S)	mg/L	ND	3.0	C007297	ND	ND	3.0	C007297	ND	3.0	C007297
Lab Filtered Metals											
Dissolved Aluminum (Al)	ug/L	29.6	0.50	C008606	ND	ND	0.50	C008606	31.5	0.50	C008606
Dissolved Antimony (Sb)	ug/L	ND	0.020	C008606	ND	ND	0.020	C008606	0.301	0.020	C008606
Dissolved Arsenic (As)	ug/L	0.084	0.020	C008606	ND	ND	0.020	C008606	1.20	0.020	C008606
Dissolved Barium (Ba)	ug/L	4.09	0.020	C008606	ND	ND	0.020	C008606	6.59	0.020	C008606
Dissolved Beryllium (Be)	ug/L	ND	0.010	C008606	ND	ND	0.010	C008606	ND	0.010	C008606
Dissolved Bismuth (Bi)	ug/L	ND	0.0050	C008606	ND	ND	0.0050	C008606	ND	0.0050	C008606
Dissolved Boron (B)	ug/L	ND	10	C008606	ND	ND	10	C008606	15	10	C008606
Dissolved Cadmium (Cd)	ug/L	ND	0.0050	C008606	ND	ND	0.0050	C008606	0.0146	0.0050	C008606
Dissolved Cesium (Cs)	ug/L	ND	0.050	C008606	ND	ND	0.050	C008606	ND	0.050	C008606
Dissolved Chromium (Cr)	ug/L	ND	0.10	C008606	ND	ND	0.10	C008606	ND	0.10	C008606
Dissolved Cobalt (Co)	ug/L	0.0286	0.0050	C008606	ND	ND	0.0050	C008606	0.106	0.0050	C008606
Dissolved Copper (Cu)	ug/L	0.345	0.050	C008606	ND	ND	0.050	C008606	0.295	0.050	C008606
Dissolved Iron (Fe)	ug/L	21.4	1.0	C008606	ND	ND	1.0	C008606	ND	1.0	C008606
Dissolved Lead (Pb)	ug/L	0.0078	0.0050	C008606	ND	ND	0.0050	C008606	ND	0.0050	C008606
Dissolved Lithium (Li)	ug/L	ND	0.50	C008606	ND	ND	0.50	C008606	2.49	0.50	C008606
Dissolved Manganese (Mn)	ug/L	3.67	0.050	C008606	ND	ND	0.050	C008606	55.6	0.050	C008606
Dissolved Molybdenum (Mo)	ug/L	0.356	0.050	C008606	ND	ND	0.050	C008606	16.1	0.050	C008606
Dissolved Nickel (Ni)	ug/L	0.061	0.020	C008606	ND	ND	0.020	C008606	0.156	0.020	C008606
Dissolved Phosphorus (P)	ug/L	9.2	2.0	C008606	2.6 (1)	ND	2.0	C008606	2.9	2.0	C008606
Dissolved Rubidium (Rb)	ug/L	0.601	0.050	C008606	ND	ND	0.050	C008606	2.94	0.050	C008606
Dissolved Selenium (Se)	ug/L	ND	0.040	C008606	ND	ND	0.040	C008606	0.043	0.040	C008606
Dissolved Silicon (Si)	ug/L	1930	50	C008606	ND	ND	50	C008606	5520	50	C008606
Dissolved Silver (Ag)	ug/L	ND	0.0050	C008606	ND	ND	0.0050	C008606	ND	0.0050	C008606

RDL = Reportable Detection Limit
ND = Not Detected at a concentration equal or greater than the indicated Detection Limit.
(1) <2xRDL - Re-analysis yields similar results.

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

ELEMENTS BY ATOMIC SPECTROSCOPY (WATER)

Bureau Veritas ID		DOF847			DOF848	DOF849			DOF850		
Sampling Date		2025/07/02			2025/07/02	2025/07/02			2025/07/02		
COC Number		107942			107942	107942			107942		
	UNITS	SQRI-DS	RDL	QC Batch	Field Blank	Trip Blank	RDL	QC Batch	Duplicate	RDL	QC Batch
Dissolved Strontium (Sr)	ug/L	15.2	0.050	C008606	ND	ND	0.050	C008606	42.5	0.050	C008606
Dissolved Tellurium (Te)	ug/L	ND	0.020	C008606	ND	ND	0.020	C008606	ND	0.020	C008606
Dissolved Thallium (Tl)	ug/L	ND	0.0020	C008606	ND	ND	0.0020	C008606	0.0126	0.0020	C008606
Dissolved Thorium (Th)	ug/L	0.0069	0.0050	C008606	ND	ND	0.0050	C008606	ND	0.0050	C008606
Dissolved Tin (Sn)	ug/L	ND	0.20	C008606	0.39 (1)	ND	0.20	C008606	ND	0.20	C008606
Dissolved Titanium (Ti)	ug/L	1.01	0.50	C008606	ND	ND	0.50	C008606	ND	0.50	C008606
Dissolved Uranium (U)	ug/L	0.0174	0.0020	C008606	ND	ND	0.0020	C008606	0.199	0.0020	C008606
Dissolved Vanadium (V)	ug/L	0.61	0.20	C008606	ND	ND	0.20	C008606	ND	0.20	C008606
Dissolved Zinc (Zn)	ug/L	0.25	0.10	C008606	ND	ND	0.10	C008606	3.20	0.10	C008606
Dissolved Zirconium (Zr)	ug/L	ND	0.10	C008606	ND	ND	0.10	C008606	ND	0.10	C008606
Total Metals by ICPMS											
Total Aluminum (Al)	ug/L	402	3.0	C009587	ND	ND	0.50	C010370	117	3.0	C009587
Total Antimony (Sb)	ug/L	ND	0.020	C009587	ND	ND	0.020	C010370	0.289	0.020	C009587
Total Arsenic (As)	ug/L	0.125	0.020	C009587	ND	ND	0.020	C010370	1.34	0.020	C009587
Total Barium (Ba)	ug/L	11.6	0.050	C009587	ND	ND	0.020	C010370	6.44	0.050	C009587
Total Beryllium (Be)	ug/L	ND	0.010	C009587	ND	ND	0.010	C010370	ND	0.010	C009587
Total Bismuth (Bi)	ug/L	ND	0.010	C009587	ND	ND	0.0050	C010370	ND	0.010	C009587
Total Boron (B)	ug/L	ND	10	C009587	ND	ND	10	C010370	15	10	C009587
Total Cadmium (Cd)	ug/L	0.0052	0.0050	C009587	ND	ND	0.0050	C010370	0.0167	0.0050	C009587
Total Cesium (Cs)	ug/L	ND	0.050	C009587	ND	ND	0.050	C010370	ND	0.050	C009587
Total Chromium (Cr)	ug/L	0.21	0.10	C009587	ND	ND	0.10	C010370	0.11	0.10	C009587
Total Cobalt (Co)	ug/L	0.184	0.010	C009587	ND	ND	0.0050	C010370	0.120	0.010	C009587
Total Copper (Cu)	ug/L	1.17	0.10	C009587	ND	ND	0.050	C010370	0.40	0.10	C009587
Total Iron (Fe)	ug/L	354	5.0	C009587	1.9	ND	1.0	C010370	26.7	5.0	C009587
Total Lead (Pb)	ug/L	0.078	0.020	C009587	ND	ND	0.0050	C010370	0.041	0.020	C009587
Total Lithium (Li)	ug/L	0.64	0.50	C009587	ND	ND	0.50	C010370	2.48	0.50	C009587
Total Manganese (Mn)	ug/L	12.3	0.10	C009587	ND	ND	0.050	C010370	53.3	0.10	C009587
Total Molybdenum (Mo)	ug/L	0.351	0.050	C009587	ND	ND	0.050	C010370	16.2	0.050	C009587
Total Nickel (Ni)	ug/L	0.21	0.10	C009587	0.040	ND	0.020	C010370	0.15	0.10	C009587
Total Phosphorus (P)	ug/L	25.2	5.0	C009587	ND	ND	2.0	C010370	ND	5.0	C009587
Total Rubidium (Rb)	ug/L	1.18	0.050	C009587	ND	ND	0.050	C010370	2.94	0.050	C009587
Total Selenium (Se)	ug/L	ND	0.040	C009587	ND	ND	0.040	C010370	0.045	0.040	C009587

RDL = Reportable Detection Limit
ND = Not Detected at a concentration equal or greater than the indicated Detection Limit.
(1) <2xRDL - Re-analysis yields similar results.

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

ELEMENTS BY ATOMIC SPECTROSCOPY (WATER)

Bureau Veritas ID		DOF847			DOF848	DOF849			DOF850		
Sampling Date		2025/07/02			2025/07/02	2025/07/02			2025/07/02		
COC Number		107942			107942	107942			107942		
	UNITS	SQRI-DS	RDL	QC Batch	Field Blank	Trip Blank	RDL	QC Batch	Duplicate	RDL	QC Batch
Total Silicon (Si)	ug/L	2800	50	C009587	ND	ND	50	C010370	6010	50	C009587
Total Silver (Ag)	ug/L	ND	0.010	C009587	ND	ND	0.0050	C010370	ND	0.010	C009587
Total Strontium (Sr)	ug/L	18.5	0.050	C009587	ND	ND	0.050	C010370	44.4	0.050	C009587
Total Tellurium (Te)	ug/L	ND	0.020	C009587	ND	ND	0.020	C010370	ND	0.020	C009587
Total Thallium (Tl)	ug/L	0.0071	0.0020	C009587	ND	ND	0.0020	C010370	0.0144	0.0020	C009587
Total Thorium (Th)	ug/L	ND	0.050	C009587	ND	ND	0.050	C010370	ND	0.050	C009587
Total Tin (Sn)	ug/L	ND	0.20	C009587	ND	ND	0.20	C010370	ND	0.20	C009587
Total Titanium (Ti)	ug/L	23.7	2.0	C009587	ND	ND	0.50	C010370	ND	2.0	C009587
Total Uranium (U)	ug/L	0.0342	0.0050	C009587	ND	ND	0.0020	C010370	0.296	0.0050	C009587
Total Vanadium (V)	ug/L	1.39	0.20	C009587	ND	ND	0.20	C010370	ND	0.20	C009587
Total Zinc (Zn)	ug/L	1.7	1.0	C009587	ND	ND	0.10	C010370	3.2	1.0	C009587
Total Zirconium (Zr)	ug/L	0.13	0.10	C009587	ND	ND	0.10	C010370	ND	0.10	C009587
Total Calcium (Ca)	mg/L	2.86	0.25	C007302	ND	ND	0.050	C007302	18.9	0.25	C007302
Total Magnesium (Mg)	mg/L	0.40	0.25	C007302	ND	ND	0.050	C007302	0.78	0.25	C007302
Total Potassium (K)	mg/L	0.48	0.25	C007302	ND	ND	0.050	C007302	1.39	0.25	C007302
Total Sodium (Na)	mg/L	0.85	0.25	C007302	ND	ND	0.050	C007302	5.29	0.25	C007302
Total Sulphur (S)	mg/L	ND	3.0	C007302	ND	ND	3.0	C007302	ND	3.0	C007302

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

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

MISCELLANEOUS (WATER)

Bureau Veritas ID		DOF843	DOF844	DOF845	DOF846	DOF847	DOF850		
Sampling Date		2025/07/02	2025/07/02	2025/07/02	2025/07/02	2025/07/02	2025/07/02		
COC Number		107942	107942	107942	107942	107942	107942		
	UNITS	WLNG-DS	WLNG -EOP	WLNG-US	SQRI-US	SQRI-DS	Duplicate	RDL	QC Batch
Calculated Parameters									
Total Un-ionized Hydrogen Sulfide as S	mg/L	ND	0.0049	ND	ND	ND	ND	0.0018	C007605
Total Un-ionized Hydrogen Sulfide as H2S	mg/L	ND	0.0052	ND	ND	ND	ND	0.0019	C007605

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

TOXICOLOGY (WATER)

Bureau Veritas ID		DOF843	
Sampling Date		2025/07/02	
COC Number		107942	
	UNITS	**WLNG-DS**	**QC Batch**
Rainbow Trout			
LC50	% vol/vol	ATTACHED	C010717

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

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

Bureau Veritas ID		DOF843		DOF850		
Sampling Date		2025/07/02		2025/07/02		
COC Number		107942		107942		
	UNITS	WLNG-DS	QC Batch	Duplicate	RDL	QC Batch
Calculated Parameters						
Low Molecular Weight PAH`s	ug/L	ND	C008019	ND	0.10	C008019
High Molecular Weight PAH`s	ug/L	ND	C008019	ND	0.050	C008019
Total PAH	ug/L	ND	C008019	ND	0.10	C008019
Polycyclic Aromatics						
Quinoline	ug/L	ND	C013256	ND	0.020	C013822
Naphthalene	ug/L	ND	C013256	ND	0.10	C013822
1-Methylnaphthalene	ug/L	ND	C013256	ND	0.050	C013822
2-Methylnaphthalene	ug/L	ND	C013256	ND	0.10	C013822
Acenaphthylene	ug/L	ND	C013256	ND	0.050	C013822
Acenaphthene	ug/L	ND	C013256	ND	0.050	C013822
Fluorene	ug/L	ND	C013256	ND	0.050	C013822
Phenanthrene	ug/L	ND	C013256	ND	0.050	C013822
Anthracene	ug/L	ND	C013256	ND	0.010	C013822
Acridine	ug/L	ND	C013256	ND	0.050	C013822
Fluoranthene	ug/L	ND	C013256	ND	0.020	C013822
Pyrene	ug/L	ND	C013256	ND	0.020	C013822
Benzo(a)anthracene	ug/L	ND	C013256	ND	0.010	C013822
Chrysene	ug/L	ND	C013256	ND	0.020	C013822
Benzo(b&j)fluoranthene	ug/L	ND	C013256	ND	0.030	C013822
Benzo(k)fluoranthene	ug/L	ND	C013256	ND	0.050	C013822
Benzo(a)pyrene	ug/L	ND	C013256	ND	0.0050	C013822
Indeno(1,2,3-cd)pyrene	ug/L	ND	C013256	ND	0.050	C013822
Dibenz(a,h)anthracene	ug/L	ND	C013256	ND	0.0030	C013822
Benzo(g,h,i)perylene	ug/L	ND	C013256	ND	0.050	C013822
Calculated Parameters						
LEPH (C10-C19 less PAH)	mg/L	ND	C008022	ND	0.20	C008022
HEPH (C19-C32 less PAH)	mg/L	ND	C008022	ND	0.20	C008022
Ext. Pet. Hydrocarbon						
EPH (C10-C19)	mg/L	ND	C013261	ND	0.20	C013846
EPH (C19-C32)	mg/L	ND	C013261	ND	0.20	C013846

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		DOF843		DOF850		
Sampling Date		2025/07/02		2025/07/02		
COC Number		107942		107942		
	UNITS	WLNG-DS	QC Batch	Duplicate	RDL	QC Batch
Surrogate Recovery (%)						
O-TERPHENYL (sur.)	%	105	C013261	104		C013846
D10-ANTHRACENE (sur.)	%	102	C013256	102		C013822
D8-ACENAPHTHYLENE (sur.)	%	99	C013256	100		C013822
D8-NAPHTHALENE (sur.)	%	90	C013256	82		C013822
TERPHENYL-D14 (sur.)	%	87	C013256	114		C013822
RDL = Reportable Detection Limit						

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CSR VOC + VPH IN WATER (WATER)

Bureau Veritas ID		DOF843	DOF850		
Sampling Date		2025/07/02	2025/07/02		
COC Number		107942	107942		
	UNITS	WLNG-DS	Duplicate	RDL	QC Batch
Calculated Parameters					
VPH (VH6 to 10 - BTEX)	ug/L	ND	ND	300	C008027
Volatiles					
VH C6-C10	ug/L	ND	ND	300	C010791
1,1,1,2-tetrachloroethane	ug/L	ND	ND	0.50	C010791
1,1,1-trichloroethane	ug/L	ND	ND	0.50	C010791
1,1,2,2-tetrachloroethane	ug/L	ND	ND	0.50	C010791
1,1,2Trichloro-1,2,2Trifluoroethane	ug/L	ND	ND	2.0	C010791
1,1,2-trichloroethane	ug/L	ND	ND	0.50	C010791
1,1-dichloroethane	ug/L	ND	ND	0.50	C010791
1,1-dichloroethene	ug/L	ND	ND	0.50	C010791
1,2,3-trichlorobenzene	ug/L	ND	ND	2.0	C010791
1,2,4-trichlorobenzene	ug/L	ND	ND	2.0	C010791
1,2-dibromoethane	ug/L	ND	ND	0.20	C010791
1,2-dichlorobenzene	ug/L	ND	ND	0.50	C010791
1,2-dichloroethane	ug/L	ND	ND	0.50	C010791
1,2-dichloropropane	ug/L	ND	ND	0.50	C010791
1,3,5-trimethylbenzene	ug/L	ND	ND	2.0	C010791
1,3-Butadiene	ug/L	ND	ND	0.50	C010791
1,3-dichlorobenzene	ug/L	ND	ND	0.50	C010791
1,3-dichloropropane	ug/L	ND	ND	1.0	C010791
1,4-dichlorobenzene	ug/L	ND	ND	0.50	C010791
Benzene	ug/L	ND	ND	0.40	C010791
Bromobenzene	ug/L	ND	ND	2.0	C010791
Bromodichloromethane	ug/L	ND	ND	1.0	C010791
Bromoform	ug/L	ND	ND	1.0	C010791
Bromomethane	ug/L	ND	ND	1.0	C010791
Carbon tetrachloride	ug/L	ND	ND	0.50	C010791
Chlorobenzene	ug/L	ND	ND	0.50	C010791
Dibromochloromethane	ug/L	ND	ND	1.0	C010791
Chloroethane	ug/L	ND	ND	1.0	C010791
Chloroform	ug/L	ND	ND	1.0	C010791

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

CSR VOC + VPH IN WATER (WATER)

Bureau Veritas ID		DOF843	DOF850		
Sampling Date		2025/07/02	2025/07/02		
COC Number		107942	107942		
	UNITS	WLNG-DS	Duplicate	RDL	QC Batch
Chloromethane	ug/L	ND	ND	1.0	C010791
cis-1,2-dichloroethene	ug/L	ND	ND	1.0	C010791
cis-1,3-dichloropropene	ug/L	ND	ND	1.0	C010791
Dichlorodifluoromethane	ug/L	ND	ND	2.0	C010791
Dichloromethane	ug/L	ND	ND	2.0	C010791
Ethylbenzene	ug/L	ND	ND	0.40	C010791
Hexachlorobutadiene	ug/L	ND	ND	0.50	C010791
Isopropylbenzene	ug/L	ND	ND	2.0	C010791
Methyl-tert-butylether (MTBE)	ug/L	ND	ND	4.0	C010791
Styrene	ug/L	5.0	4.3	0.50	C010791
Tetrachloroethene	ug/L	ND	ND	0.50	C010791
Toluene	ug/L	ND	ND	0.40	C010791
trans-1,2-dichloroethene	ug/L	ND	ND	1.0	C010791
trans-1,3-dichloropropene	ug/L	ND	ND	1.0	C010791
Trichloroethene	ug/L	ND	ND	0.50	C010791
Trichlorofluoromethane	ug/L	ND	ND	4.0	C010791
Vinyl chloride	ug/L	ND	ND	0.50	C010791
m & p-Xylene	ug/L	ND	ND	0.40	C010791
o-Xylene	ug/L	ND	ND	0.40	C010791
Xylenes (Total)	ug/L	ND	ND	0.40	C010791
Surrogate Recovery (%)					
1,4-Difluorobenzene (sur.)	%	105	105		C010791
4-Bromofluorobenzene (sur.)	%	85	83		C010791
D4-1,2-Dichloroethane (sur.)	%	96	99		C010791

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

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

GENERAL COMMENTS

Results relate only to the items tested.

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

QUALITY ASSURANCE REPORT

QA/QC Batch	Init	QC Type	Parameter	Date Analyzed	Value	Recovery	UNITS	QC Limits
C008388	BTM	Matrix Spike	Dissolved Organic Carbon (C)	2025/07/03		103	%	80 - 120
C008388	BTM	Spiked Blank	Dissolved Organic Carbon (C)	2025/07/03		106	%	80 - 120
C008388	BTM	Method Blank	Dissolved Organic Carbon (C)	2025/07/03	ND, RDL=0.50		mg/L	
C008388	BTM	RPD	Dissolved Organic Carbon (C)	2025/07/03	0		%	20
C008392	BTM	Matrix Spike	Total Organic Carbon (C)	2025/07/03		103	%	80 - 120
C008392	BTM	Spiked Blank	Total Organic Carbon (C)	2025/07/03		108	%	80 - 120
C008392	BTM	Method Blank	Total Organic Carbon (C)	2025/07/03	ND, RDL=0.50		mg/L	
C008392	BTM	RPD	Total Organic Carbon (C)	2025/07/03	14		%	20
C008606	AA1	Matrix Spike	Dissolved Aluminum (Al)	2025/07/03		92	%	80 - 120
			Dissolved Antimony (Sb)	2025/07/03		NC	%	80 - 120
			Dissolved Arsenic (As)	2025/07/03		103	%	80 - 120
			Dissolved Barium (Ba)	2025/07/03		106	%	80 - 120
			Dissolved Beryllium (Be)	2025/07/03		97	%	80 - 120
			Dissolved Bismuth (Bi)	2025/07/03		93	%	80 - 120
			Dissolved Boron (B)	2025/07/03		94	%	80 - 120
			Dissolved Cadmium (Cd)	2025/07/03		98	%	80 - 120
			Dissolved Cesium (Cs)	2025/07/03		88	%	80 - 120
			Dissolved Chromium (Cr)	2025/07/03		90	%	80 - 120
			Dissolved Cobalt (Co)	2025/07/03		88	%	80 - 120
			Dissolved Copper (Cu)	2025/07/03		85	%	80 - 120
			Dissolved Iron (Fe)	2025/07/03		96	%	80 - 120
			Dissolved Lead (Pb)	2025/07/03		95	%	80 - 120
			Dissolved Lithium (Li)	2025/07/03		101	%	80 - 120
			Dissolved Manganese (Mn)	2025/07/03		93	%	80 - 120
			Dissolved Molybdenum (Mo)	2025/07/03		NC	%	80 - 120
			Dissolved Nickel (Ni)	2025/07/03		88	%	80 - 120
			Dissolved Phosphorus (P)	2025/07/03		101	%	80 - 120
			Dissolved Rubidium (Rb)	2025/07/03		NC	%	80 - 120
			Dissolved Selenium (Se)	2025/07/03		99	%	80 - 120
			Dissolved Silicon (Si)	2025/07/03		92	%	80 - 120
			Dissolved Silver (Ag)	2025/07/03		98	%	80 - 120
			Dissolved Strontium (Sr)	2025/07/03		NC	%	80 - 120
			Dissolved Tellurium (Te)	2025/07/03		96	%	80 - 120
			Dissolved Thallium (Tl)	2025/07/03		99	%	80 - 120
			Dissolved Thorium (Th)	2025/07/03		105	%	80 - 120
			Dissolved Tin (Sn)	2025/07/03		100	%	80 - 120
			Dissolved Titanium (Ti)	2025/07/03		102	%	80 - 120
			Dissolved Uranium (U)	2025/07/03		118	%	80 - 120
			Dissolved Vanadium (V)	2025/07/03		95	%	80 - 120
			Dissolved Zinc (Zn)	2025/07/03		91	%	80 - 120
			Dissolved Zirconium (Zr)	2025/07/03		105	%	80 - 120
C008606	AA1	Spiked Blank	Dissolved Aluminum (Al)	2025/07/03		97	%	80 - 120
			Dissolved Antimony (Sb)	2025/07/03		100	%	80 - 120
			Dissolved Arsenic (As)	2025/07/03		100	%	80 - 120
			Dissolved Barium (Ba)	2025/07/03		103	%	80 - 120
			Dissolved Beryllium (Be)	2025/07/03		98	%	80 - 120
			Dissolved Bismuth (Bi)	2025/07/03		96	%	80 - 120
			Dissolved Boron (B)	2025/07/03		94	%	80 - 120
			Dissolved Cadmium (Cd)	2025/07/03		100	%	80 - 120
			Dissolved Cesium (Cs)	2025/07/03		89	%	80 - 120
			Dissolved Chromium (Cr)	2025/07/03		95	%	80 - 120

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QUALITY ASSURANCE REPORT(CONT'D)

QA/QC Batch	Init	QC Type	Parameter	Date Analyzed	Value	Recovery	UNITS	QC Limits
			Dissolved Cobalt (Co)	2025/07/03		96	%	80 - 120
			Dissolved Copper (Cu)	2025/07/03		96	%	80 - 120
			Dissolved Iron (Fe)	2025/07/03		101	%	80 - 120
			Dissolved Lead (Pb)	2025/07/03		97	%	80 - 120
			Dissolved Lithium (Li)	2025/07/03		102	%	80 - 120
			Dissolved Manganese (Mn)	2025/07/03		101	%	80 - 120
			Dissolved Molybdenum (Mo)	2025/07/03		102	%	80 - 120
			Dissolved Nickel (Ni)	2025/07/03		101	%	80 - 120
			Dissolved Phosphorus (P)	2025/07/03		96	%	80 - 120
			Dissolved Rubidium (Rb)	2025/07/03		103	%	80 - 120
			Dissolved Selenium (Se)	2025/07/03		99	%	80 - 120
			Dissolved Silicon (Si)	2025/07/03		97	%	80 - 120
			Dissolved Silver (Ag)	2025/07/03		100	%	80 - 120
			Dissolved Strontium (Sr)	2025/07/03		99	%	80 - 120
			Dissolved Tellurium (Te)	2025/07/03		99	%	80 - 120
			Dissolved Thallium (Tl)	2025/07/03		97	%	80 - 120
			Dissolved Thorium (Th)	2025/07/03		101	%	80 - 120
			Dissolved Tin (Sn)	2025/07/03		101	%	80 - 120
			Dissolved Titanium (Ti)	2025/07/03		103	%	80 - 120
			Dissolved Uranium (U)	2025/07/03		114	%	80 - 120
			Dissolved Vanadium (V)	2025/07/03		97	%	80 - 120
			Dissolved Zinc (Zn)	2025/07/03		111	%	80 - 120
			Dissolved Zirconium (Zr)	2025/07/03		100	%	80 - 120
C008606	AA1	Method Blank	Dissolved Aluminum (Al)	2025/07/03	ND, RDL=0.50		ug/L	
			Dissolved Antimony (Sb)	2025/07/03	ND, RDL=0.020		ug/L	
			Dissolved Arsenic (As)	2025/07/03	ND, RDL=0.020		ug/L	
			Dissolved Barium (Ba)	2025/07/03	ND, RDL=0.020		ug/L	
			Dissolved Beryllium (Be)	2025/07/03	ND, RDL=0.010		ug/L	
			Dissolved Bismuth (Bi)	2025/07/03	ND, RDL=0.0050		ug/L	
			Dissolved Boron (B)	2025/07/03	ND, RDL=10		ug/L	
			Dissolved Cadmium (Cd)	2025/07/03	ND, RDL=0.0050		ug/L	
			Dissolved Cesium (Cs)	2025/07/03	ND, RDL=0.050		ug/L	
			Dissolved Chromium (Cr)	2025/07/03	ND, RDL=0.10		ug/L	
			Dissolved Cobalt (Co)	2025/07/03	ND, RDL=0.0050		ug/L	
			Dissolved Copper (Cu)	2025/07/03	ND, RDL=0.050		ug/L	
			Dissolved Iron (Fe)	2025/07/03	ND, RDL=1.0		ug/L	
			Dissolved Lead (Pb)	2025/07/03	ND, RDL=0.0050		ug/L	
			Dissolved Lithium (Li)	2025/07/03	ND, RDL=0.50		ug/L	

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QUALITY ASSURANCE REPORT(CONT'D)

QA/QC Batch	Init	QC Type	Parameter	Date Analyzed	Value	Recovery	UNITS	QC Limits
			Dissolved Manganese (Mn)	2025/07/03	ND, RDL=0.050		ug/L	
			Dissolved Molybdenum (Mo)	2025/07/03	ND, RDL=0.050		ug/L	
			Dissolved Nickel (Ni)	2025/07/03	ND, RDL=0.020		ug/L	
			Dissolved Phosphorus (P)	2025/07/03	ND, RDL=2.0		ug/L	
			Dissolved Rubidium (Rb)	2025/07/03	ND, RDL=0.050		ug/L	
			Dissolved Selenium (Se)	2025/07/03	ND, RDL=0.040		ug/L	
			Dissolved Silicon (Si)	2025/07/03	ND, RDL=50		ug/L	
			Dissolved Silver (Ag)	2025/07/03	ND, RDL=0.0050		ug/L	
			Dissolved Strontium (Sr)	2025/07/03	ND, RDL=0.050		ug/L	
			Dissolved Tellurium (Te)	2025/07/03	ND, RDL=0.020		ug/L	
			Dissolved Thallium (Tl)	2025/07/03	ND, RDL=0.0020		ug/L	
			Dissolved Thorium (Th)	2025/07/03	ND, RDL=0.0050		ug/L	
			Dissolved Tin (Sn)	2025/07/03	ND, RDL=0.20		ug/L	
			Dissolved Titanium (Ti)	2025/07/03	ND, RDL=0.50		ug/L	
			Dissolved Uranium (U)	2025/07/03	ND, RDL=0.0020		ug/L	
			Dissolved Vanadium (V)	2025/07/03	ND, RDL=0.20		ug/L	
			Dissolved Zinc (Zn)	2025/07/03	ND, RDL=0.10		ug/L	
			Dissolved Zirconium (Zr)	2025/07/03	ND, RDL=0.10		ug/L	
C008606	AA1	RPD	Dissolved Aluminum (Al)	2025/07/03	2.3		%	20
			Dissolved Antimony (Sb)	2025/07/03	0.91		%	20
			Dissolved Arsenic (As)	2025/07/03	0.21		%	20
			Dissolved Barium (Ba)	2025/07/03	0.29		%	20
			Dissolved Beryllium (Be)	2025/07/03	NC		%	20
			Dissolved Bismuth (Bi)	2025/07/03	NC		%	20
			Dissolved Boron (B)	2025/07/03	0.75		%	20
			Dissolved Cadmium (Cd)	2025/07/03	15		%	20
			Dissolved Chromium (Cr)	2025/07/03	3.8		%	20
			Dissolved Cobalt (Co)	2025/07/03	0.35		%	20
			Dissolved Copper (Cu)	2025/07/03	NC		%	20
			Dissolved Iron (Fe)	2025/07/03	NC		%	20
			Dissolved Lead (Pb)	2025/07/03	0.90		%	20
			Dissolved Lithium (Li)	2025/07/03	0.55		%	20
			Dissolved Manganese (Mn)	2025/07/03	1.4		%	20
			Dissolved Molybdenum (Mo)	2025/07/03	0.76		%	20
			Dissolved Nickel (Ni)	2025/07/03	0.86		%	20
			Dissolved Selenium (Se)	2025/07/03	5.7		%	20

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QUALITY ASSURANCE REPORT(CONT'D)

QA/QC Batch	Init	QC Type	Parameter	Date Analyzed	Value	Recovery	UNITS	QC Limits
			Dissolved Silicon (Si)	2025/07/03	0.33		%	20
			Dissolved Silver (Ag)	2025/07/03	NC		%	20
			Dissolved Strontium (Sr)	2025/07/03	1.9		%	20
			Dissolved Thallium (Tl)	2025/07/03	2.4		%	20
			Dissolved Tin (Sn)	2025/07/03	NC		%	20
			Dissolved Titanium (Ti)	2025/07/03	NC		%	20
			Dissolved Uranium (U)	2025/07/03	0.21		%	20
			Dissolved Vanadium (V)	2025/07/03	NC		%	20
			Dissolved Zinc (Zn)	2025/07/03	2.1		%	20
			Dissolved Zirconium (Zr)	2025/07/03	NC		%	20
C008610	C2L	Matrix Spike	Nitrate plus Nitrite (N)	2025/07/03		125 (1)	%	80 - 120
C008610	C2L	Spiked Blank	Nitrate plus Nitrite (N)	2025/07/03		107	%	80 - 120
C008610	C2L	Method Blank	Nitrate plus Nitrite (N)	2025/07/03	ND, RDL=0.020		mg/L	
C008610	C2L	RPD	Nitrate plus Nitrite (N)	2025/07/03	2.1		%	25
C008611	C2L	Matrix Spike	Nitrite (N)	2025/07/03		124 (1)	%	80 - 120
C008611	C2L	Spiked Blank	Nitrite (N)	2025/07/03		105	%	80 - 120
C008611	C2L	Method Blank	Nitrite (N)	2025/07/03	ND, RDL=0.0050		mg/L	
C008611	C2L	RPD	Nitrite (N)	2025/07/03	NC		%	20
C008662	BB3	Spiked Blank	pH	2025/07/03		100	%	97 - 103
C008662	BB3	RPD [DOF844-10]	pH	2025/07/03	0.091		%	N/A
C008736	BB3	Spiked Blank	Alkalinity (Total as CaCO3)	2025/07/03		97	%	80 - 120
C008736	BB3	Method Blank	Alkalinity (PP as CaCO3)	2025/07/03	ND, RDL=1.0		mg/L	
			Alkalinity (Total as CaCO3)	2025/07/03	ND, RDL=1.0		mg/L	
			Bicarbonate (HCO3)	2025/07/03	ND, RDL=1.0		mg/L	
			Carbonate (CO3)	2025/07/03	ND, RDL=1.0		mg/L	
			Hydroxide (OH)	2025/07/03	ND, RDL=1.0		mg/L	
C008736	BB3	RPD [DOF844-10]	Alkalinity (PP as CaCO3)	2025/07/03	NC		%	20
			Alkalinity (Total as CaCO3)	2025/07/03	0.21		%	20
			Bicarbonate (HCO3)	2025/07/03	0.21		%	20
			Carbonate (CO3)	2025/07/03	NC		%	20
			Hydroxide (OH)	2025/07/03	NC		%	20
C009438	JAV	Matrix Spike	Dissolved Fluoride (F)	2025/07/04		100	%	80 - 120
C009438	JAV	Spiked Blank	Dissolved Fluoride (F)	2025/07/04		100	%	80 - 120
C009438	JAV	Method Blank	Dissolved Fluoride (F)	2025/07/04	ND, RDL=0.050		mg/L	
C009438	JAV	RPD	Dissolved Fluoride (F)	2025/07/04	1.2		%	20
C009577	SOM	Matrix Spike	Bromide (Br)	2025/07/04		NC	%	78 - 120
C009577	SOM	Spiked Blank	Bromide (Br)	2025/07/04		91	%	80 - 120
C009577	SOM	Method Blank	Bromide (Br)	2025/07/04	ND, RDL=0.010		mg/L	
C009577	SOM	RPD	Bromide (Br)	2025/07/04	0.29		%	20
C009587	MYO	Matrix Spike [DOF843-07]	Total Aluminum (Al)	2025/07/04		NC	%	80 - 120
			Total Antimony (Sb)	2025/07/04		103	%	80 - 120
			Total Arsenic (As)	2025/07/04		106	%	80 - 120
			Total Barium (Ba)	2025/07/04		93	%	80 - 120
			Total Beryllium (Be)	2025/07/04		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
			Total Bismuth (Bi)	2025/07/04		96	%	80 - 120
			Total Boron (B)	2025/07/04		105	%	80 - 120
			Total Cadmium (Cd)	2025/07/04		105	%	80 - 120
			Total Cesium (Cs)	2025/07/04		104	%	80 - 120
			Total Chromium (Cr)	2025/07/04		103	%	80 - 120
			Total Cobalt (Co)	2025/07/04		96	%	80 - 120
			Total Copper (Cu)	2025/07/04		100	%	80 - 120
			Total Iron (Fe)	2025/07/04		NC	%	80 - 120
			Total Lead (Pb)	2025/07/04		97	%	80 - 120
			Total Lithium (Li)	2025/07/04		106	%	80 - 120
			Total Manganese (Mn)	2025/07/04		NC	%	80 - 120
			Total Molybdenum (Mo)	2025/07/04		NC	%	80 - 120
			Total Nickel (Ni)	2025/07/04		101	%	80 - 120
			Total Phosphorus (P)	2025/07/04		104	%	80 - 120
			Total Rubidium (Rb)	2025/07/04		90	%	80 - 120
			Total Selenium (Se)	2025/07/04		104	%	80 - 120
			Total Silicon (Si)	2025/07/04		NC	%	80 - 120
			Total Silver (Ag)	2025/07/04		105	%	80 - 120
			Total Strontium (Sr)	2025/07/04		104	%	80 - 120
			Total Tellurium (Te)	2025/07/04		113	%	80 - 120
			Total Thallium (Tl)	2025/07/04		101	%	80 - 120
			Total Thorium (Th)	2025/07/04		95	%	80 - 120
			Total Tin (Sn)	2025/07/04		106	%	80 - 120
			Total Titanium (Ti)	2025/07/04		43 (1)	%	80 - 120
			Total Uranium (U)	2025/07/04		107	%	80 - 120
			Total Vanadium (V)	2025/07/04		105	%	80 - 120
			Total Zinc (Zn)	2025/07/04		95	%	80 - 120
			Total Zirconium (Zr)	2025/07/04		105	%	80 - 120
C009587	MYO	Spiked Blank	Total Aluminum (Al)	2025/07/04		101	%	80 - 120
			Total Antimony (Sb)	2025/07/04		105	%	80 - 120
			Total Arsenic (As)	2025/07/04		104	%	80 - 120
			Total Barium (Ba)	2025/07/04		104	%	80 - 120
			Total Beryllium (Be)	2025/07/04		101	%	80 - 120
			Total Bismuth (Bi)	2025/07/04		102	%	80 - 120
			Total Boron (B)	2025/07/04		99	%	80 - 120
			Total Cadmium (Cd)	2025/07/04		103	%	80 - 120
			Total Cesium (Cs)	2025/07/04		104	%	80 - 120
			Total Chromium (Cr)	2025/07/04		105	%	80 - 120
			Total Cobalt (Co)	2025/07/04		97	%	80 - 120
			Total Copper (Cu)	2025/07/04		102	%	80 - 120
			Total Iron (Fe)	2025/07/04		106	%	80 - 120
			Total Lead (Pb)	2025/07/04		101	%	80 - 120
			Total Lithium (Li)	2025/07/04		105	%	80 - 120
			Total Manganese (Mn)	2025/07/04		103	%	80 - 120
			Total Molybdenum (Mo)	2025/07/04		103	%	80 - 120
			Total Nickel (Ni)	2025/07/04		102	%	80 - 120
			Total Phosphorus (P)	2025/07/04		101	%	80 - 120
			Total Rubidium (Rb)	2025/07/04		102	%	80 - 120
			Total Selenium (Se)	2025/07/04		103	%	80 - 120
			Total Silicon (Si)	2025/07/04		104	%	80 - 120
			Total Silver (Ag)	2025/07/04		102	%	80 - 120
			Total Strontium (Sr)	2025/07/04		104	%	80 - 120
			Total Tellurium (Te)	2025/07/04		105	%	80 - 120

QUALITY ASSURANCE REPORT(CONT'D)

QA/QC Batch	Init	QC Type	Parameter	Date Analyzed	Value	Recovery	UNITS	QC Limits
			Total Thallium (Tl)	2025/07/04		103	%	80 - 120
			Total Thorium (Th)	2025/07/04		104	%	80 - 120
			Total Tin (Sn)	2025/07/04		104	%	80 - 120
			Total Titanium (Ti)	2025/07/04		103	%	80 - 120
			Total Uranium (U)	2025/07/04		107	%	80 - 120
			Total Vanadium (V)	2025/07/04		104	%	80 - 120
			Total Zinc (Zn)	2025/07/04		103	%	80 - 120
			Total Zirconium (Zr)	2025/07/04		105	%	80 - 120
C009587	MYO	Method Blank	Total Aluminum (Al)	2025/07/04	ND, RDL=3.0		ug/L	
			Total Antimony (Sb)	2025/07/04	ND, RDL=0.020		ug/L	
			Total Arsenic (As)	2025/07/04	ND, RDL=0.020		ug/L	
			Total Barium (Ba)	2025/07/04	ND, RDL=0.050		ug/L	
			Total Beryllium (Be)	2025/07/04	ND, RDL=0.010		ug/L	
			Total Bismuth (Bi)	2025/07/04	ND, RDL=0.010		ug/L	
			Total Boron (B)	2025/07/04	ND, RDL=10		ug/L	
			Total Cadmium (Cd)	2025/07/04	ND, RDL=0.0050		ug/L	
			Total Cesium (Cs)	2025/07/04	ND, RDL=0.050		ug/L	
			Total Chromium (Cr)	2025/07/04	ND, RDL=0.10		ug/L	
			Total Cobalt (Co)	2025/07/04	ND, RDL=0.010		ug/L	
			Total Copper (Cu)	2025/07/04	ND, RDL=0.10		ug/L	
			Total Iron (Fe)	2025/07/04	ND, RDL=5.0		ug/L	
			Total Lead (Pb)	2025/07/04	ND, RDL=0.020		ug/L	
			Total Lithium (Li)	2025/07/04	ND, RDL=0.50		ug/L	
			Total Manganese (Mn)	2025/07/04	ND, RDL=0.10		ug/L	
			Total Molybdenum (Mo)	2025/07/04	ND, RDL=0.050		ug/L	
			Total Nickel (Ni)	2025/07/04	ND, RDL=0.10		ug/L	
			Total Phosphorus (P)	2025/07/04	ND, RDL=5.0		ug/L	
			Total Rubidium (Rb)	2025/07/04	ND, RDL=0.050		ug/L	
			Total Selenium (Se)	2025/07/04	ND, RDL=0.040		ug/L	
			Total Silicon (Si)	2025/07/04	ND, RDL=50		ug/L	
			Total Silver (Ag)	2025/07/04	ND, RDL=0.010		ug/L	

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QUALITY ASSURANCE REPORT(CONT'D)

QA/QC Batch	Init	QC Type	Parameter	Date Analyzed	Value	Recovery	UNITS	QC Limits
			Total Strontium (Sr)	2025/07/04	ND, RDL=0.050		ug/L	
			Total Tellurium (Te)	2025/07/04	ND, RDL=0.020		ug/L	
			Total Thallium (Tl)	2025/07/04	ND, RDL=0.0020		ug/L	
			Total Thorium (Th)	2025/07/04	ND, RDL=0.050		ug/L	
			Total Tin (Sn)	2025/07/04	ND, RDL=0.20		ug/L	
			Total Titanium (Ti)	2025/07/04	ND, RDL=2.0		ug/L	
			Total Uranium (U)	2025/07/04	ND, RDL=0.0050		ug/L	
			Total Vanadium (V)	2025/07/04	ND, RDL=0.20		ug/L	
			Total Zinc (Zn)	2025/07/04	ND, RDL=1.0		ug/L	
			Total Zirconium (Zr)	2025/07/04	ND, RDL=0.10		ug/L	
C009587	MYO	RPD	Total Aluminum (Al)	2025/07/04	35 (1)		%	20
			Total Antimony (Sb)	2025/07/04	1.9		%	20
			Total Arsenic (As)	2025/07/04	2.8		%	20
			Total Barium (Ba)	2025/07/04	2.5		%	20
			Total Beryllium (Be)	2025/07/04	9.5		%	20
			Total Bismuth (Bi)	2025/07/04	6.0		%	20
			Total Boron (B)	2025/07/04	NC		%	20
			Total Cadmium (Cd)	2025/07/04	1.7		%	20
			Total Chromium (Cr)	2025/07/04	16		%	20
			Total Cobalt (Co)	2025/07/04	2.1		%	20
			Total Copper (Cu)	2025/07/04	15		%	20
			Total Iron (Fe)	2025/07/04	6.7		%	20
			Total Lead (Pb)	2025/07/04	2.9		%	20
			Total Lithium (Li)	2025/07/04	2.3		%	20
			Total Manganese (Mn)	2025/07/04	0.69		%	20
			Total Molybdenum (Mo)	2025/07/04	4.0		%	20
			Total Nickel (Ni)	2025/07/04	0.93		%	20
			Total Phosphorus (P)	2025/07/04	2.4		%	20
			Total Selenium (Se)	2025/07/04	7.2		%	20
			Total Silicon (Si)	2025/07/04	6.9		%	20
			Total Silver (Ag)	2025/07/04	12		%	20
			Total Strontium (Sr)	2025/07/04	3.2		%	20
			Total Thallium (Tl)	2025/07/04	4.7		%	20
			Total Tin (Sn)	2025/07/04	6.7		%	20
			Total Titanium (Ti)	2025/07/04	NC		%	20
			Total Uranium (U)	2025/07/04	4.0		%	20
			Total Vanadium (V)	2025/07/04	18		%	20
			Total Zinc (Zn)	2025/07/04	1.3		%	20
			Total Zirconium (Zr)	2025/07/04	19		%	20
C009795	BB3	Matrix Spike [DOF849-02]	Total Hex. Chromium (Cr 6+)	2025/07/04		86	%	80 - 120
C009795	BB3	Spiked Blank	Total Hex. Chromium (Cr 6+)	2025/07/04		92	%	80 - 120
C009795	BB3	Method Blank	Total Hex. Chromium (Cr 6+)	2025/07/04	ND, RDL=0.00099		mg/L	

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QA/QC Batch	Init	QC Type	Parameter	Date Analyzed	Value	Recovery	UNITS	QC Limits
C009795	BB3	RPD [DOF849-02]	Total Hex. Chromium (Cr 6+)	2025/07/04	NC		%	20
C009933	JAV	Matrix Spike	Dissolved Fluoride (F)	2025/07/05		102	%	80 - 120
C009933	JAV	Spiked Blank	Dissolved Fluoride (F)	2025/07/05		101	%	80 - 120
C009933	JAV	Method Blank	Dissolved Fluoride (F)	2025/07/05	ND, RDL=0.050		mg/L	
C009933	JAV	RPD	Dissolved Fluoride (F)	2025/07/05	1.2		%	20
C010370	AA1	Matrix Spike	Total Aluminum (Al)	2025/07/07		111	%	80 - 120
			Total Antimony (Sb)	2025/07/07		106	%	80 - 120
			Total Arsenic (As)	2025/07/07		NC	%	80 - 120
			Total Barium (Ba)	2025/07/07		105	%	80 - 120
			Total Beryllium (Be)	2025/07/07		111	%	80 - 120
			Total Bismuth (Bi)	2025/07/07		101	%	80 - 120
			Total Boron (B)	2025/07/07		115	%	80 - 120
			Total Cadmium (Cd)	2025/07/07		103	%	80 - 120
			Total Cesium (Cs)	2025/07/07		104	%	80 - 120
			Total Chromium (Cr)	2025/07/07		101	%	80 - 120
			Total Cobalt (Co)	2025/07/07		105	%	80 - 120
			Total Copper (Cu)	2025/07/07		91	%	80 - 120
			Total Iron (Fe)	2025/07/07		NC	%	80 - 120
			Total Lead (Pb)	2025/07/07		101	%	80 - 120
			Total Lithium (Li)	2025/07/07		104	%	80 - 120
			Total Manganese (Mn)	2025/07/07		NC	%	80 - 120
			Total Molybdenum (Mo)	2025/07/07		NC	%	80 - 120
			Total Nickel (Ni)	2025/07/07		94	%	80 - 120
			Total Phosphorus (P)	2025/07/07		103	%	80 - 120
			Total Rubidium (Rb)	2025/07/07		99	%	80 - 120
			Total Selenium (Se)	2025/07/07		93	%	80 - 120
			Total Silicon (Si)	2025/07/07		115	%	80 - 120
			Total Silver (Ag)	2025/07/07		99	%	80 - 120
			Total Strontium (Sr)	2025/07/07		NC	%	80 - 120
			Total Tellurium (Te)	2025/07/07		73 (1)	%	80 - 120
			Total Thallium (Tl)	2025/07/07		107	%	80 - 120
			Total Thorium (Th)	2025/07/07		111	%	80 - 120
			Total Tin (Sn)	2025/07/07		105	%	80 - 120
			Total Titanium (Ti)	2025/07/07		108	%	80 - 120
			Total Uranium (U)	2025/07/07		93	%	80 - 120
			Total Vanadium (V)	2025/07/07		105	%	80 - 120
			Total Zinc (Zn)	2025/07/07		99	%	80 - 120
			Total Zirconium (Zr)	2025/07/07		116	%	80 - 120
C010370	AA1	Spiked Blank	Total Aluminum (Al)	2025/07/07		103	%	80 - 120
			Total Antimony (Sb)	2025/07/07		103	%	80 - 120
			Total Arsenic (As)	2025/07/07		105	%	80 - 120
			Total Barium (Ba)	2025/07/07		105	%	80 - 120
			Total Beryllium (Be)	2025/07/07		108	%	80 - 120
			Total Bismuth (Bi)	2025/07/07		102	%	80 - 120
			Total Boron (B)	2025/07/07		111	%	80 - 120
			Total Cadmium (Cd)	2025/07/07		102	%	80 - 120
			Total Cesium (Cs)	2025/07/07		105	%	80 - 120
			Total Chromium (Cr)	2025/07/07		103	%	80 - 120
			Total Cobalt (Co)	2025/07/07		96	%	80 - 120
			Total Copper (Cu)	2025/07/07		100	%	80 - 120
			Total Iron (Fe)	2025/07/07		102	%	80 - 120
			Total Lead (Pb)	2025/07/07		103	%	80 - 120

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QA/QC Batch	Init	QC Type	Parameter	Date Analyzed	Value	Recovery	UNITS	QC Limits
			Total Lithium (Li)	2025/07/07		110	%	80 - 120
			Total Manganese (Mn)	2025/07/07		104	%	80 - 120
			Total Molybdenum (Mo)	2025/07/07		103	%	80 - 120
			Total Nickel (Ni)	2025/07/07		101	%	80 - 120
			Total Phosphorus (P)	2025/07/07		107	%	80 - 120
			Total Rubidium (Rb)	2025/07/07		103	%	80 - 120
			Total Selenium (Se)	2025/07/07		103	%	80 - 120
			Total Silicon (Si)	2025/07/07		105	%	80 - 120
			Total Silver (Ag)	2025/07/07		101	%	80 - 120
			Total Strontium (Sr)	2025/07/07		106	%	80 - 120
			Total Tellurium (Te)	2025/07/07		105	%	80 - 120
			Total Thallium (Tl)	2025/07/07		103	%	80 - 120
			Total Thorium (Th)	2025/07/07		101	%	80 - 120
			Total Tin (Sn)	2025/07/07		105	%	80 - 120
			Total Titanium (Ti)	2025/07/07		104	%	80 - 120
			Total Uranium (U)	2025/07/07		107	%	80 - 120
			Total Vanadium (V)	2025/07/07		103	%	80 - 120
			Total Zinc (Zn)	2025/07/07		109	%	80 - 120
			Total Zirconium (Zr)	2025/07/07		104	%	80 - 120
C010370	AA1	Method Blank	Total Aluminum (Al)	2025/07/07	ND, RDL=0.50		ug/L	
			Total Antimony (Sb)	2025/07/07	ND, RDL=0.020		ug/L	
			Total Arsenic (As)	2025/07/07	ND, RDL=0.020		ug/L	
			Total Barium (Ba)	2025/07/07	ND, RDL=0.020		ug/L	
			Total Beryllium (Be)	2025/07/07	ND, RDL=0.010		ug/L	
			Total Bismuth (Bi)	2025/07/07	ND, RDL=0.0050		ug/L	
			Total Boron (B)	2025/07/07	ND, RDL=10		ug/L	
			Total Cadmium (Cd)	2025/07/07	ND, RDL=0.0050		ug/L	
			Total Cesium (Cs)	2025/07/07	ND, RDL=0.050		ug/L	
			Total Chromium (Cr)	2025/07/07	ND, RDL=0.10		ug/L	
			Total Cobalt (Co)	2025/07/07	ND, RDL=0.0050		ug/L	
			Total Copper (Cu)	2025/07/07	ND, RDL=0.050		ug/L	
			Total Iron (Fe)	2025/07/07	ND, RDL=1.0		ug/L	
			Total Lead (Pb)	2025/07/07	ND, RDL=0.0050		ug/L	
			Total Lithium (Li)	2025/07/07	ND, RDL=0.50		ug/L	
			Total Manganese (Mn)	2025/07/07	ND, RDL=0.050		ug/L	
			Total Molybdenum (Mo)	2025/07/07	ND, RDL=0.050		ug/L	

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QA/QC Batch	Init	QC Type	Parameter	Date Analyzed	Value	Recovery	UNITS	QC Limits
			Total Nickel (Ni)	2025/07/07	ND, RDL=0.020		ug/L	
			Total Phosphorus (P)	2025/07/07	ND, RDL=2.0		ug/L	
			Total Rubidium (Rb)	2025/07/07	ND, RDL=0.050		ug/L	
			Total Selenium (Se)	2025/07/07	ND, RDL=0.040		ug/L	
			Total Silicon (Si)	2025/07/07	ND, RDL=50		ug/L	
			Total Silver (Ag)	2025/07/07	ND, RDL=0.0050		ug/L	
			Total Strontium (Sr)	2025/07/07	ND, RDL=0.050		ug/L	
			Total Tellurium (Te)	2025/07/07	ND, RDL=0.020		ug/L	
			Total Thallium (Tl)	2025/07/07	ND, RDL=0.0020		ug/L	
			Total Thorium (Th)	2025/07/07	ND, RDL=0.050		ug/L	
			Total Tin (Sn)	2025/07/07	ND, RDL=0.20		ug/L	
			Total Titanium (Ti)	2025/07/07	ND, RDL=0.50		ug/L	
			Total Uranium (U)	2025/07/07	ND, RDL=0.0020		ug/L	
			Total Vanadium (V)	2025/07/07	ND, RDL=0.20		ug/L	
			Total Zinc (Zn)	2025/07/07	ND, RDL=0.10		ug/L	
			Total Zirconium (Zr)	2025/07/07	ND, RDL=0.10		ug/L	
C010370	AA1	RPD	Total Aluminum (Al)	2025/07/07	16		%	20
			Total Antimony (Sb)	2025/07/07	NC		%	20
			Total Arsenic (As)	2025/07/07	2.2		%	20
			Total Barium (Ba)	2025/07/07	0.075		%	20
			Total Beryllium (Be)	2025/07/07	NC		%	20
			Total Bismuth (Bi)	2025/07/07	NC		%	20
			Total Boron (B)	2025/07/07	3.5		%	20
			Total Cadmium (Cd)	2025/07/07	NC		%	20
			Total Chromium (Cr)	2025/07/07	NC		%	20
			Total Copper (Cu)	2025/07/07	0.95		%	20
			Total Iron (Fe)	2025/07/07	2.4		%	20
			Total Lead (Pb)	2025/07/07	1.9		%	20
			Total Lithium (Li)	2025/07/07	2.2		%	20
			Total Manganese (Mn)	2025/07/07	0.72		%	20
			Total Molybdenum (Mo)	2025/07/07	1.9		%	20
			Total Nickel (Ni)	2025/07/07	6.2		%	20
			Total Selenium (Se)	2025/07/07	5.3		%	20
			Total Silver (Ag)	2025/07/07	NC		%	20
			Total Strontium (Sr)	2025/07/07	0.078		%	20
			Total Thallium (Tl)	2025/07/07	NC		%	20
			Total Tin (Sn)	2025/07/07	NC		%	20
			Total Titanium (Ti)	2025/07/07	NC		%	20

QUALITY ASSURANCE REPORT(CONT'D)

QA/QC Batch	Init	QC Type	Parameter	Date Analyzed	Value	Recovery	UNITS	QC Limits
			Total Uranium (U)	2025/07/07	0.44		%	20
			Total Vanadium (V)	2025/07/07	NC		%	20
			Total Zinc (Zn)	2025/07/07	12		%	20
C010791	YXI	Matrix Spike	1,4-Difluorobenzene (sur.)	2025/07/06		99	%	50 - 140
			4-Bromofluorobenzene (sur.)	2025/07/06		105	%	50 - 140
			D4-1,2-Dichloroethane (sur.)	2025/07/06		92	%	50 - 140
			1,1,1,2-tetrachloroethane	2025/07/06		81	%	50 - 140
			1,1,1-trichloroethane	2025/07/06		83	%	50 - 140
			1,1,2,2-tetrachloroethane	2025/07/06		81	%	50 - 140
			1,1,2Trichloro-1,2,2Trifluoroethane	2025/07/06		82	%	50 - 140
			1,1,2-trichloroethane	2025/07/06		75	%	50 - 140
			1,1-dichloroethane	2025/07/06		82	%	50 - 140
			1,1-dichloroethene	2025/07/06		91	%	50 - 140
			1,2,3-trichlorobenzene	2025/07/06		98	%	50 - 140
			1,2,4-trichlorobenzene	2025/07/06		95	%	50 - 140
			1,2-dibromoethane	2025/07/06		79	%	50 - 140
			1,2-dichlorobenzene	2025/07/06		96	%	50 - 140
			1,2-dichloroethane	2025/07/06		84	%	50 - 140
			1,2-dichloropropane	2025/07/06		82	%	50 - 140
			1,3,5-trimethylbenzene	2025/07/06		99	%	50 - 140
			1,3-Butadiene	2025/07/06		70	%	50 - 140
			1,3-dichlorobenzene	2025/07/06		102	%	50 - 140
			1,3-dichloropropane	2025/07/06		83	%	50 - 140
			1,4-dichlorobenzene	2025/07/06		82	%	50 - 140
			Benzene	2025/07/06		91	%	50 - 140
			Bromobenzene	2025/07/06		93	%	50 - 140
			Bromodichloromethane	2025/07/06		82	%	50 - 140
			Bromoform	2025/07/06		80	%	50 - 140
			Bromomethane	2025/07/06		79	%	50 - 140
			Carbon tetrachloride	2025/07/06		87	%	50 - 140
			Chlorobenzene	2025/07/06		85	%	50 - 140
			Dibromochloromethane	2025/07/06		78	%	50 - 140
			Chloroethane	2025/07/06		73	%	50 - 140
			Chloroform	2025/07/06		82	%	50 - 140
			Chloromethane	2025/07/06		97	%	50 - 140
			cis-1,2-dichloroethene	2025/07/06		88	%	50 - 140
			cis-1,3-dichloropropene	2025/07/06		82	%	50 - 140
			Dichlorodifluoromethane	2025/07/06		91	%	50 - 140
			Dichloromethane	2025/07/06		80	%	50 - 140
			Ethylbenzene	2025/07/06		76	%	50 - 140
			Hexachlorobutadiene	2025/07/06		94	%	50 - 140
			Isopropylbenzene	2025/07/06		83	%	50 - 140
			Methyl-tert-butylether (MTBE)	2025/07/06		77	%	50 - 140
			Styrene	2025/07/06		82	%	50 - 140
			Tetrachloroethene	2025/07/06		84	%	50 - 140
			Toluene	2025/07/06		84	%	50 - 140
			trans-1,2-dichloroethene	2025/07/06		91	%	50 - 140
			trans-1,3-dichloropropene	2025/07/06		82	%	50 - 140
			Trichloroethene	2025/07/06		85	%	50 - 140
			Trichlorofluoromethane	2025/07/06		91	%	50 - 140
			Vinyl chloride	2025/07/06		91	%	50 - 140
			m & p-Xylene	2025/07/06		84	%	50 - 140
			o-Xylene	2025/07/06		73	%	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
C010791	YXI	Spiked Blank	1,4-Difluorobenzene (sur.)	2025/07/06		98	%	50 - 140
			4-Bromofluorobenzene (sur.)	2025/07/06		103	%	50 - 140
			D4-1,2-Dichloroethane (sur.)	2025/07/06		93	%	50 - 140
			VH C6-C10	2025/07/06		85	%	70 - 130
			1,1,1,2-tetrachloroethane	2025/07/06		85	%	60 - 130
			1,1,1-trichloroethane	2025/07/06		87	%	60 - 130
			1,1,2,2-tetrachloroethane	2025/07/06		86	%	60 - 130
			1,1,2Trichloro-1,2,2Trifluoroethane	2025/07/06		85	%	60 - 130
			1,1,2-trichloroethane	2025/07/06		80	%	60 - 130
			1,1-dichloroethane	2025/07/06		86	%	60 - 130
			1,1-dichloroethene	2025/07/06		95	%	60 - 130
			1,2,3-trichlorobenzene	2025/07/06		102	%	60 - 130
			1,2,4-trichlorobenzene	2025/07/06		96	%	60 - 130
			1,2-dibromoethane	2025/07/06		85	%	60 - 130
			1,2-dichlorobenzene	2025/07/06		100	%	60 - 130
			1,2-dichloroethane	2025/07/06		89	%	60 - 130
			1,2-dichloropropane	2025/07/06		87	%	60 - 130
			1,3,5-trimethylbenzene	2025/07/06		102	%	60 - 130
			1,3-Butadiene	2025/07/06		75	%	50 - 140
			1,3-dichlorobenzene	2025/07/06		105	%	60 - 130
			1,3-dichloropropane	2025/07/06		88	%	60 - 130
			1,4-dichlorobenzene	2025/07/06		84	%	60 - 130
			Benzene	2025/07/06		96	%	60 - 130
			Bromobenzene	2025/07/06		98	%	60 - 130
			Bromodichloromethane	2025/07/06		85	%	60 - 130
			Bromoform	2025/07/06		83	%	60 - 130
			Bromomethane	2025/07/06		81	%	50 - 140
			Carbon tetrachloride	2025/07/06		90	%	60 - 130
			Chlorobenzene	2025/07/06		90	%	60 - 130
			Dibromochloromethane	2025/07/06		82	%	60 - 130
			Chloroethane	2025/07/06		74	%	50 - 140
			Chloroform	2025/07/06		86	%	60 - 130
			Chloromethane	2025/07/06		103	%	50 - 140
			cis-1,2-dichloroethene	2025/07/06		93	%	60 - 130
			cis-1,3-dichloropropene	2025/07/06		83	%	50 - 140
			Dichlorodifluoromethane	2025/07/06		96	%	50 - 140
			Dichloromethane	2025/07/06		84	%	60 - 130
			Ethylbenzene	2025/07/06		80	%	60 - 130
			Hexachlorobutadiene	2025/07/06		97	%	60 - 130
			Isopropylbenzene	2025/07/06		87	%	60 - 130
			Methyl-tert-butylether (MTBE)	2025/07/06		83	%	60 - 130
			Styrene	2025/07/06		86	%	60 - 130
			Tetrachloroethene	2025/07/06		88	%	60 - 130
			Toluene	2025/07/06		90	%	60 - 130
			trans-1,2-dichloroethene	2025/07/06		95	%	60 - 130
			trans-1,3-dichloropropene	2025/07/06		82	%	50 - 140
			Trichloroethene	2025/07/06		89	%	60 - 130
			Trichlorofluoromethane	2025/07/06		94	%	60 - 130
			Vinyl chloride	2025/07/06		96	%	50 - 140
			m & p-Xylene	2025/07/06		88	%	60 - 130
			o-Xylene	2025/07/06		77	%	60 - 130
C010791	YXI	Method Blank	1,4-Difluorobenzene (sur.)	2025/07/06		103	%	50 - 140
			4-Bromofluorobenzene (sur.)	2025/07/06		79	%	50 - 140

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			D4-1,2-Dichloroethane (sur.)	2025/07/06		88	%	50 - 140
			VH C6-C10	2025/07/06	ND, RDL=300		ug/L	
			1,1,1,2-tetrachloroethane	2025/07/06	ND, RDL=0.50		ug/L	
			1,1,1-trichloroethane	2025/07/06	ND, RDL=0.50		ug/L	
			1,1,2,2-tetrachloroethane	2025/07/06	ND, RDL=0.50		ug/L	
			1,1,2Trichloro-1,2,2Trifluoroethane	2025/07/06	ND, RDL=2.0		ug/L	
			1,1,2-trichloroethane	2025/07/06	ND, RDL=0.50		ug/L	
			1,1-dichloroethane	2025/07/06	ND, RDL=0.50		ug/L	
			1,1-dichloroethene	2025/07/06	ND, RDL=0.50		ug/L	
			1,2,3-trichlorobenzene	2025/07/06	ND, RDL=2.0		ug/L	
			1,2,4-trichlorobenzene	2025/07/06	ND, RDL=2.0		ug/L	
			1,2-dibromoethane	2025/07/06	ND, RDL=0.20		ug/L	
			1,2-dichlorobenzene	2025/07/06	ND, RDL=0.50		ug/L	
			1,2-dichloroethane	2025/07/06	ND, RDL=0.50		ug/L	
			1,2-dichloropropane	2025/07/06	ND, RDL=0.50		ug/L	
			1,3,5-trimethylbenzene	2025/07/06	ND, RDL=2.0		ug/L	
			1,3-Butadiene	2025/07/06	ND, RDL=0.50		ug/L	
			1,3-dichlorobenzene	2025/07/06	ND, RDL=0.50		ug/L	
			1,3-dichloropropane	2025/07/06	ND, RDL=1.0		ug/L	
			1,4-dichlorobenzene	2025/07/06	ND, RDL=0.50		ug/L	
			Benzene	2025/07/06	ND, RDL=0.40		ug/L	
			Bromobenzene	2025/07/06	ND, RDL=2.0		ug/L	
			Bromodichloromethane	2025/07/06	ND, RDL=1.0		ug/L	
			Bromoform	2025/07/06	ND, RDL=1.0		ug/L	
			Bromomethane	2025/07/06	ND, RDL=1.0		ug/L	
			Carbon tetrachloride	2025/07/06	ND, RDL=0.50		ug/L	
			Chlorobenzene	2025/07/06	ND, RDL=0.50		ug/L	

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QA/QC Batch	Init	QC Type	Parameter	Date Analyzed	Value	Recovery	UNITS	QC Limits
			Dibromochloromethane	2025/07/06	ND, RDL=1.0		ug/L	
			Chloroethane	2025/07/06	ND, RDL=1.0		ug/L	
			Chloroform	2025/07/06	ND, RDL=1.0		ug/L	
			Chloromethane	2025/07/06	ND, RDL=1.0		ug/L	
			cis-1,2-dichloroethene	2025/07/06	ND, RDL=1.0		ug/L	
			cis-1,3-dichloropropene	2025/07/06	ND, RDL=1.0		ug/L	
			Dichlorodifluoromethane	2025/07/06	ND, RDL=2.0		ug/L	
			Dichloromethane	2025/07/06	ND, RDL=2.0		ug/L	
			Ethylbenzene	2025/07/06	ND, RDL=0.40		ug/L	
			Hexachlorobutadiene	2025/07/06	ND, RDL=0.50		ug/L	
			Isopropylbenzene	2025/07/06	ND, RDL=2.0		ug/L	
			Methyl-tert-butylether (MTBE)	2025/07/06	ND, RDL=4.0		ug/L	
			Styrene	2025/07/06	ND, RDL=0.50		ug/L	
			Tetrachloroethene	2025/07/06	ND, RDL=0.50		ug/L	
			Toluene	2025/07/06	ND, RDL=0.40		ug/L	
			trans-1,2-dichloroethene	2025/07/06	ND, RDL=1.0		ug/L	
			trans-1,3-dichloropropene	2025/07/06	ND, RDL=1.0		ug/L	
			Trichloroethene	2025/07/06	ND, RDL=0.50		ug/L	
			Trichlorofluoromethane	2025/07/06	ND, RDL=4.0		ug/L	
			Vinyl chloride	2025/07/06	ND, RDL=0.50		ug/L	
			m & p-Xylene	2025/07/06	ND, RDL=0.40		ug/L	
			o-Xylene	2025/07/06	ND, RDL=0.40		ug/L	
			Xylenes (Total)	2025/07/06	ND, RDL=0.40		ug/L	
C010791	YXI	RPD	VH C6-C10	2025/07/07	NC		%	30
			1,1,1,2-tetrachloroethane	2025/07/07	NC		%	30
			1,1,1-trichloroethane	2025/07/07	NC		%	30
			1,1,2,2-tetrachloroethane	2025/07/07	NC		%	30
			1,1,2Trichloro-1,2,2Trifluoroethane	2025/07/07	NC		%	30
			1,1,2-trichloroethane	2025/07/07	NC		%	30
			1,1-dichloroethane	2025/07/07	NC		%	30
			1,1-dichloroethene	2025/07/07	NC		%	30

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QA/QC Batch	Init	QC Type	Parameter	Date Analyzed	Value	Recovery	UNITS	QC Limits
			1,2,3-trichlorobenzene	2025/07/07	NC		%	30
			1,2,4-trichlorobenzene	2025/07/07	NC		%	30
			1,2-dibromoethane	2025/07/07	NC		%	30
			1,2-dichlorobenzene	2025/07/07	NC		%	30
			1,2-dichloroethane	2025/07/07	NC		%	30
			1,2-dichloropropane	2025/07/07	NC		%	30
			1,3,5-trimethylbenzene	2025/07/07	NC		%	30
			1,3-Butadiene	2025/07/07	NC		%	30
			1,3-dichlorobenzene	2025/07/07	NC		%	30
			1,3-dichloropropane	2025/07/07	NC		%	30
			1,4-dichlorobenzene	2025/07/07	NC		%	30
			Benzene	2025/07/07	NC		%	30
			Bromobenzene	2025/07/07	NC		%	30
			Bromodichloromethane	2025/07/07	NC		%	30
			Bromoform	2025/07/07	NC		%	30
			Bromomethane	2025/07/07	NC		%	30
			Carbon tetrachloride	2025/07/07	NC		%	30
			Chlorobenzene	2025/07/07	NC		%	30
			Dibromochloromethane	2025/07/07	NC		%	30
			Chloroethane	2025/07/07	NC		%	30
			Chloroform	2025/07/07	0.42		%	30
			Chloromethane	2025/07/07	NC		%	30
			cis-1,2-dichloroethene	2025/07/07	NC		%	30
			cis-1,3-dichloropropene	2025/07/07	NC		%	30
			Dichlorodifluoromethane	2025/07/07	NC		%	30
			Dichloromethane	2025/07/07	NC		%	30
			Ethylbenzene	2025/07/07	NC		%	30
			Hexachlorobutadiene	2025/07/07	NC		%	30
			Isopropylbenzene	2025/07/07	NC		%	30
			Methyl-tert-butylether (MTBE)	2025/07/07	NC		%	30
			Styrene	2025/07/07	NC		%	30
			Tetrachloroethene	2025/07/07	NC		%	30
			Toluene	2025/07/07	NC		%	30
			trans-1,2-dichloroethene	2025/07/07	NC		%	30
			trans-1,3-dichloropropene	2025/07/07	NC		%	30
			Trichloroethene	2025/07/07	NC		%	30
			Trichlorofluoromethane	2025/07/07	NC		%	30
			Vinyl chloride	2025/07/07	NC		%	30
			m & p-Xylene	2025/07/07	NC		%	30
			o-Xylene	2025/07/07	NC		%	30
			Xylenes (Total)	2025/07/07	NC		%	30
C011038	GCM	Spiked Blank	Total Nitrogen (N)	2025/07/08		110	%	80 - 120
C011038	GCM	Method Blank	Total Nitrogen (N)	2025/07/08	ND, RDL=0.020		mg/L	
C011038	GCM	RPD [DOF848-08]	Total Nitrogen (N)	2025/07/08	NC		%	20
C011230	JLP	Matrix Spike	Chloride (Cl)	2025/07/07		NC	%	80 - 120
			Sulphate (SO4)	2025/07/07		NC	%	80 - 120
C011230	JLP	Spiked Blank	Chloride (Cl)	2025/07/07		102	%	80 - 120
			Sulphate (SO4)	2025/07/07		100	%	80 - 120
C011230	JLP	Method Blank	Chloride (Cl)	2025/07/07	ND, RDL=1.0		mg/L	
			Sulphate (SO4)	2025/07/07	ND, RDL=1.0		mg/L	

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C011230	JLP	RPD	Chloride (Cl)	2025/07/07	2.5		%	20
			Sulphate (SO4)	2025/07/07	2.6		%	20
C011245	JLP	Matrix Spike [DOF847-10]	Chloride (Cl)	2025/07/07		108	%	80 - 120
			Sulphate (SO4)	2025/07/07		100	%	80 - 120
C011245	JLP	Spiked Blank	Chloride (Cl)	2025/07/07		104	%	80 - 120
			Sulphate (SO4)	2025/07/07		97	%	80 - 120
C011245	JLP	Method Blank	Chloride (Cl)	2025/07/07	ND, RDL=1.0		mg/L	
			Sulphate (SO4)	2025/07/07	ND, RDL=1.0		mg/L	
C011245	JLP	RPD [DOF847-10]	Chloride (Cl)	2025/07/07	NC		%	20
			Sulphate (SO4)	2025/07/07	0.37		%	20
C011259	IC4	Matrix Spike	Dissolved Mercury (Hg)	2025/07/07		101	%	80 - 120
C011259	IC4	Spiked Blank	Dissolved Mercury (Hg)	2025/07/07		98	%	80 - 120
C011259	IC4	Method Blank	Dissolved Mercury (Hg)	2025/07/07	ND, RDL=0.0019		ug/L	
C011259	IC4	RPD	Dissolved Mercury (Hg)	2025/07/07	NC		%	20
C011292	TSO	Matrix Spike	Total Ammonia (N)	2025/07/07		97	%	80 - 120
C011292	TSO	Spiked Blank	Total Ammonia (N)	2025/07/07		106	%	80 - 120
C011292	TSO	Method Blank	Total Ammonia (N)	2025/07/07	ND, RDL=0.015		mg/L	
C011292	TSO	RPD	Total Ammonia (N)	2025/07/07	4.3		%	20
C011295	TSO	Matrix Spike	Total Ammonia (N)	2025/07/07		103	%	80 - 120
C011295	TSO	Spiked Blank	Total Ammonia (N)	2025/07/07		106	%	80 - 120
C011295	TSO	Method Blank	Total Ammonia (N)	2025/07/07	ND, RDL=0.015		mg/L	
C011295	TSO	RPD	Total Ammonia (N)	2025/07/07	16		%	20
C011310	MDO	Matrix Spike	Phenols	2025/07/07		106	%	80 - 120
C011310	MDO	Spiked Blank	Phenols	2025/07/07		102	%	80 - 120
C011310	MDO	Method Blank	Phenols	2025/07/07	ND, RDL=0.0015		mg/L	
C011310	MDO	RPD	Phenols	2025/07/07	NC		%	20
C011555	NJD	Matrix Spike [DOF845-03]	Total Sulphide	2025/07/08		99	%	80 - 120
C011555	NJD	Spiked Blank	Total Sulphide	2025/07/08		93	%	80 - 120
C011555	NJD	Method Blank	Total Sulphide	2025/07/08	ND, RDL=0.0018		mg/L	
C011592	IC4	Matrix Spike [DOF843-04]	Total Mercury (Hg)	2025/07/07		107	%	80 - 120
C011592	IC4	Spiked Blank	Total Mercury (Hg)	2025/07/07		102	%	80 - 120
C011592	IC4	Method Blank	Total Mercury (Hg)	2025/07/07	ND, RDL=0.0019		ug/L	
C011592	IC4	RPD [DOF843-04]	Total Mercury (Hg)	2025/07/07	NC		%	20
C011658	CBK	Matrix Spike [DOF848-08]	Total Phosphorus (P)	2025/07/09		100	%	N/A
C011658	CBK	Spiked Blank	Total Phosphorus (P)	2025/07/09		119	%	80 - 120
C011658	CBK	Method Blank	Total Phosphorus (P)	2025/07/09	ND, RDL=0.0010		mg/L	
C011658	CBK	RPD [DOF848-08]	Total Phosphorus (P)	2025/07/09	15		%	20
C012317	BTM	Matrix Spike [DOF846-10]	Total Dissolved Solids	2025/07/09		103	%	80 - 120
C012317	BTM	Spiked Blank	Total Dissolved Solids	2025/07/09		99	%	80 - 120
C012317	BTM	Method Blank	Total Dissolved Solids	2025/07/09	ND, RDL=10		mg/L	
C012317	BTM	RPD [DOF845-10]	Total Dissolved Solids	2025/07/09	8.7		%	20
C012481	AAX	Matrix Spike	Methyl Sulfone (sur.)	2025/07/08		101	%	50 - 140
			Ethylene Glycol	2025/07/08		102	%	60 - 140

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QUALITY ASSURANCE REPORT(CONT'D)

QA/QC Batch	Init	QC Type	Parameter	Date Analyzed	Value	Recovery	UNITS	QC Limits
			Diethylene Glycol	2025/07/08		125	%	60 - 140
			Triethylene Glycol	2025/07/08		111	%	60 - 140
			Propylene Glycol	2025/07/08		107	%	60 - 140
C012481	AAX	Spiked Blank	Methyl Sulfone (sur.)	2025/07/08		106	%	50 - 140
			Ethylene Glycol	2025/07/08		98	%	70 - 130
			Diethylene Glycol	2025/07/08		122	%	70 - 130
			Triethylene Glycol	2025/07/08		110	%	70 - 130
			Propylene Glycol	2025/07/08		106	%	70 - 130
C012481	AAX	Method Blank	Methyl Sulfone (sur.)	2025/07/08		101	%	50 - 140
			Ethylene Glycol	2025/07/08	ND, RDL=3.0		mg/L	
			Diethylene Glycol	2025/07/08	ND, RDL=5.0		mg/L	
			Triethylene Glycol	2025/07/08	ND, RDL=5.0		mg/L	
			Propylene Glycol	2025/07/08	ND, RDL=5.0		mg/L	
C012481	AAX	RPD	Ethylene Glycol	2025/07/08	NC		%	30
			Diethylene Glycol	2025/07/08	NC		%	30
			Triethylene Glycol	2025/07/08	NC		%	30
			Propylene Glycol	2025/07/08	NC		%	30
C012736	BTM	Matrix Spike [DOF849-11]	Total Suspended Solids	2025/07/09		98	%	80 - 120
C012736	BTM	Spiked Blank	Total Suspended Solids	2025/07/09		101	%	80 - 120
C012736	BTM	Method Blank	Total Suspended Solids	2025/07/09	ND, RDL=1.0		mg/L	
C012736	BTM	RPD [DOF848-11]	Total Suspended Solids	2025/07/09	NC		%	20
C013256	MDW	Spiked Blank	D10-ANTHRACENE (sur.)	2025/07/09		101	%	50 - 140
			D8-ACENAPHTHYLENE (sur.)	2025/07/09		100	%	50 - 140
			D8-NAPHTHALENE (sur.)	2025/07/09		86	%	50 - 140
			TERPHENYL-D14 (sur.)	2025/07/09		101	%	50 - 140
			Quinoline	2025/07/09		103	%	50 - 140
			Naphthalene	2025/07/09		80	%	50 - 140
			1-Methylnaphthalene	2025/07/09		77	%	50 - 140
			2-Methylnaphthalene	2025/07/09		73	%	50 - 140
			Acenaphthylene	2025/07/09		88	%	50 - 140
			Acenaphthene	2025/07/09		84	%	50 - 140
			Fluorene	2025/07/09		87	%	50 - 140
			Phenanthrene	2025/07/09		86	%	50 - 140
			Anthracene	2025/07/09		86	%	50 - 140
			Acridine	2025/07/09		89	%	50 - 140
			Fluoranthene	2025/07/09		72	%	50 - 140
			Pyrene	2025/07/09		80	%	50 - 140
			Benzo(a)anthracene	2025/07/09		81	%	50 - 140
			Chrysene	2025/07/09		76	%	50 - 140
			Benzo(b&j)fluoranthene	2025/07/09		84	%	50 - 140
			Benzo(k)fluoranthene	2025/07/09		86	%	50 - 140
			Benzo(a)pyrene	2025/07/09		88	%	50 - 140
			Indeno(1,2,3-cd)pyrene	2025/07/09		91	%	50 - 140
			Dibenz(a,h)anthracene	2025/07/09		92	%	50 - 140
			Benzo(g,h,i)perylene	2025/07/09		91	%	50 - 140
C013256	MDW	Method Blank	D10-ANTHRACENE (sur.)	2025/07/09		106	%	50 - 140
			D8-ACENAPHTHYLENE (sur.)	2025/07/09		101	%	50 - 140
			D8-NAPHTHALENE (sur.)	2025/07/09		85	%	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
			TERPHENYL-D14 (sur.)	2025/07/09		84	%	50 - 140
			Quinoline	2025/07/09	ND, RDL=0.020		ug/L	
			Naphthalene	2025/07/09	ND, RDL=0.10		ug/L	
			1-Methylnaphthalene	2025/07/09	ND, RDL=0.050		ug/L	
			2-Methylnaphthalene	2025/07/09	ND, RDL=0.10		ug/L	
			Acenaphthylene	2025/07/09	ND, RDL=0.050		ug/L	
			Acenaphthene	2025/07/09	ND, RDL=0.050		ug/L	
			Fluorene	2025/07/09	ND, RDL=0.050		ug/L	
			Phenanthrene	2025/07/09	ND, RDL=0.050		ug/L	
			Anthracene	2025/07/09	ND, RDL=0.010		ug/L	
			Acridine	2025/07/09	ND, RDL=0.050		ug/L	
			Fluoranthene	2025/07/09	ND, RDL=0.020		ug/L	
			Pyrene	2025/07/09	ND, RDL=0.020		ug/L	
			Benzo(a)anthracene	2025/07/09	ND, RDL=0.010		ug/L	
			Chrysene	2025/07/09	ND, RDL=0.020		ug/L	
			Benzo(b&j)fluoranthene	2025/07/09	ND, RDL=0.030		ug/L	
			Benzo(k)fluoranthene	2025/07/09	ND, RDL=0.050		ug/L	
			Benzo(a)pyrene	2025/07/09	ND, RDL=0.0050		ug/L	
			Indeno(1,2,3-cd)pyrene	2025/07/09	ND, RDL=0.050		ug/L	
			Dibenz(a,h)anthracene	2025/07/09	ND, RDL=0.0030		ug/L	
			Benzo(g,h,i)perylene	2025/07/09	ND, RDL=0.050		ug/L	
C013261	IT1	Spiked Blank	O-TERPHENYL (sur.)	2025/07/09		101	%	60 - 140
			EPH (C10-C19)	2025/07/09		89	%	70 - 130
			EPH (C19-C32)	2025/07/09		105	%	70 - 130
C013261	IT1	Method Blank	O-TERPHENYL (sur.)	2025/07/09		103	%	60 - 140
			EPH (C10-C19)	2025/07/09	ND, RDL=0.20		mg/L	
			EPH (C19-C32)	2025/07/09	ND, RDL=0.20		mg/L	
C013822	JP1	Matrix Spike	D10-ANTHRACENE (sur.)	2025/07/09		91	%	50 - 140
			D8-ACENAPHTHYLENE (sur.)	2025/07/09		94	%	50 - 140
			D8-NAPHTHALENE (sur.)	2025/07/09		76	%	50 - 140
			TERPHENYL-D14 (sur.)	2025/07/09		98	%	50 - 140
			Quinoline	2025/07/09		102	%	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
			Naphthalene	2025/07/09		75	%	50 - 140
			1-Methylnaphthalene	2025/07/09		78	%	50 - 140
			2-Methylnaphthalene	2025/07/09		74	%	50 - 140
			Acenaphthylene	2025/07/09		88	%	50 - 140
			Acenaphthene	2025/07/09		85	%	50 - 140
			Fluorene	2025/07/09		88	%	50 - 140
			Phenanthrene	2025/07/09		84	%	50 - 140
			Anthracene	2025/07/09		86	%	50 - 140
			Acridine	2025/07/09		95	%	50 - 140
			Fluoranthene	2025/07/09		79	%	50 - 140
			Pyrene	2025/07/09		81	%	50 - 140
			Benzo(a)anthracene	2025/07/09		90	%	50 - 140
			Chrysene	2025/07/09		83	%	50 - 140
			Benzo(b&j)fluoranthene	2025/07/09		87	%	50 - 140
			Benzo(k)fluoranthene	2025/07/09		87	%	50 - 140
			Benzo(a)pyrene	2025/07/09		86	%	50 - 140
			Indeno(1,2,3-cd)pyrene	2025/07/09		73	%	50 - 140
			Dibenz(a,h)anthracene	2025/07/09		72	%	50 - 140
			Benzo(g,h,i)perylene	2025/07/09		70	%	50 - 140
C013822	JP1	Spiked Blank	D10-ANTHRACENE (sur.)	2025/07/09		97	%	50 - 140
			D8-ACENAPHTHYLENE (sur.)	2025/07/09		96	%	50 - 140
			D8-NAPHTHALENE (sur.)	2025/07/09		78	%	50 - 140
			TERPHENYL-D14 (sur.)	2025/07/09		111	%	50 - 140
			Quinoline	2025/07/09		95	%	50 - 140
			Naphthalene	2025/07/09		69	%	50 - 140
			1-Methylnaphthalene	2025/07/09		71	%	50 - 140
			2-Methylnaphthalene	2025/07/09		68	%	50 - 140
			Acenaphthylene	2025/07/09		81	%	50 - 140
			Acenaphthene	2025/07/09		78	%	50 - 140
			Fluorene	2025/07/09		82	%	50 - 140
			Phenanthrene	2025/07/09		81	%	50 - 140
			Anthracene	2025/07/09		81	%	50 - 140
			Acridine	2025/07/09		89	%	50 - 140
			Fluoranthene	2025/07/09		81	%	50 - 140
			Pyrene	2025/07/09		82	%	50 - 140
			Benzo(a)anthracene	2025/07/09		84	%	50 - 140
			Chrysene	2025/07/09		78	%	50 - 140
			Benzo(b&j)fluoranthene	2025/07/09		84	%	50 - 140
			Benzo(k)fluoranthene	2025/07/09		92	%	50 - 140
			Benzo(a)pyrene	2025/07/09		86	%	50 - 140
			Indeno(1,2,3-cd)pyrene	2025/07/09		83	%	50 - 140
			Dibenz(a,h)anthracene	2025/07/09		82	%	50 - 140
			Benzo(g,h,i)perylene	2025/07/09		82	%	50 - 140
C013822	JP1	Method Blank	D10-ANTHRACENE (sur.)	2025/07/09		105	%	50 - 140
			D8-ACENAPHTHYLENE (sur.)	2025/07/09		100	%	50 - 140
			D8-NAPHTHALENE (sur.)	2025/07/09		79	%	50 - 140
			TERPHENYL-D14 (sur.)	2025/07/09		115	%	50 - 140
			Quinoline	2025/07/09	ND, RDL=0.020		ug/L	
			Naphthalene	2025/07/09	ND, RDL=0.10		ug/L	
			1-Methylnaphthalene	2025/07/09	ND, RDL=0.050		ug/L	

QUALITY ASSURANCE REPORT(CONT'D)

QA/QC Batch	Init	QC Type	Parameter	Date Analyzed	Value	Recovery	UNITS	QC Limits
			2-Methylnaphthalene	2025/07/09	ND, RDL=0.10		ug/L	
			Acenaphthylene	2025/07/09	ND, RDL=0.050		ug/L	
			Acenaphthene	2025/07/09	ND, RDL=0.050		ug/L	
			Fluorene	2025/07/09	ND, RDL=0.050		ug/L	
			Phenanthrene	2025/07/09	ND, RDL=0.050		ug/L	
			Anthracene	2025/07/09	ND, RDL=0.010		ug/L	
			Acridine	2025/07/09	ND, RDL=0.050		ug/L	
			Fluoranthene	2025/07/09	ND, RDL=0.020		ug/L	
			Pyrene	2025/07/09	ND, RDL=0.020		ug/L	
			Benzo(a)anthracene	2025/07/09	ND, RDL=0.010		ug/L	
			Chrysene	2025/07/09	ND, RDL=0.020		ug/L	
			Benzo(b&j)fluoranthene	2025/07/09	ND, RDL=0.030		ug/L	
			Benzo(k)fluoranthene	2025/07/09	ND, RDL=0.050		ug/L	
			Benzo(a)pyrene	2025/07/09	ND, RDL=0.0050		ug/L	
			Indeno(1,2,3-cd)pyrene	2025/07/09	ND, RDL=0.050		ug/L	
			Dibenz(a,h)anthracene	2025/07/09	ND, RDL=0.0030		ug/L	
			Benzo(g,h,i)perylene	2025/07/09	ND, RDL=0.050		ug/L	
C013822	JP1	RPD	Quinoline	2025/07/09	NC		%	40
			Naphthalene	2025/07/09	NC		%	40
			1-Methylnaphthalene	2025/07/09	NC		%	40
			2-Methylnaphthalene	2025/07/09	NC		%	40
			Acenaphthylene	2025/07/09	NC		%	40
			Acenaphthene	2025/07/09	NC		%	40
			Fluorene	2025/07/09	NC		%	40
			Phenanthrene	2025/07/09	NC		%	40
			Anthracene	2025/07/09	NC		%	40
			Acridine	2025/07/09	NC		%	40
			Fluoranthene	2025/07/09	NC		%	40
			Pyrene	2025/07/09	NC		%	40
			Benzo(a)anthracene	2025/07/09	NC		%	40
			Chrysene	2025/07/09	NC		%	40
			Benzo(b&j)fluoranthene	2025/07/09	NC		%	40
			Benzo(k)fluoranthene	2025/07/09	NC		%	40
			Benzo(a)pyrene	2025/07/09	NC		%	40
			Indeno(1,2,3-cd)pyrene	2025/07/09	NC		%	40
			Dibenz(a,h)anthracene	2025/07/09	NC		%	40
			Benzo(g,h,i)perylene	2025/07/09	NC		%	40

QUALITY ASSURANCE REPORT(CONT'D)

QA/QC Batch	Init	QC Type	Parameter	Date Analyzed	Value	Recovery	UNITS	QC Limits
C013846	IT1	Matrix Spike	O-TERPHENYL (sur.)	2025/07/09		103	%	60 - 140
			EPH (C10-C19)	2025/07/09		93	%	60 - 140
			EPH (C19-C32)	2025/07/09		111	%	60 - 140
C013846	IT1	Spiked Blank	O-TERPHENYL (sur.)	2025/07/09		106	%	60 - 140
			EPH (C10-C19)	2025/07/09		93	%	70 - 130
			EPH (C19-C32)	2025/07/09		108	%	70 - 130
C013846	IT1	Method Blank	O-TERPHENYL (sur.)	2025/07/09		106	%	60 - 140
			EPH (C10-C19)	2025/07/09	ND, RDL=0.20		mg/L	
			EPH (C19-C32)	2025/07/09	ND, RDL=0.20		mg/L	
C013846	IT1	RPD	EPH (C10-C19)	2025/07/09	NC		%	30
			EPH (C19-C32)	2025/07/09	NC		%	30

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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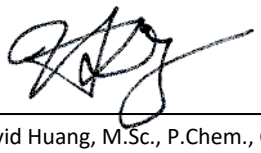
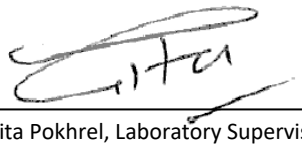
VALIDATION SIGNATURE PAGE

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

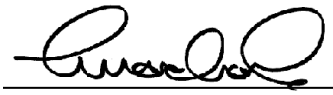
Cara Shurgot, Analyst 2



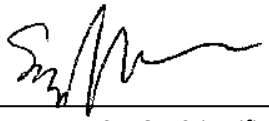
David Huang, M.Sc., P.Chem., QP, Scientific Services Manager



Gita Pokhrel, Laboratory Supervisor



Levi Manchak, Project Manager SR



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

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

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

C558942
2025/07/02 17:00

Custody Tracking Form

eCOC Number: W107942

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

Relinquished By				Received By			
Arian Farajizadeh	[signature]	Date	07/02	Sanjay Selvaraj Paramaswaran	SP	Date	2025/07/02
		Time (24 HR)	17:00			Time (24 HR)	17:00
		Date				Date	
		Time (24 HR)				Time (24 HR)	
		Date				Date	
		Time (24 HR)				Time (24 HR)	

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

Triage Information

Sampled By (Print)	# of Coolers/Pkgs				
		Rush ☐	Immediate Test ☐	Food Residue ☐	
		Micro ☐		Food Chemistry ☐	

***** Laboratory Use Only *****

Received At:

Labeled By:

Verified By:

Lab Comments:

MVAN-2025-07-046

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

Drinking Water Metals Preservation Check Done (Circle) YES NO

COR FCD-00340 /5 PAGE 1 of 1

Custody Tracking Form

eCOC Number
W107942

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

Relinquished By				Received By			
Arian Farajizadeh		Date	07/02	Sanjay Satpendra Parameswaran	SP	Date	2025/07/02
		Time (24 HR)	17:00			Time (24 HR)	17:00
		Date				Date	
		Time (24 HR)				Time (24 HR)	
		Date				Date	
		Time (24 HR)				Time (24 HR)	

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

Triage Information

Sampled By (Print)	# of Coolers/Pkgs				
		Rush ☐	Immediate Test ☐	Food Residue ☐	
		Micro ☐		Food Chemistry ☐	

For Laboratory Use Only

Received At	Lab Comments:
Labeled By	
Verified By	

C558942_COC

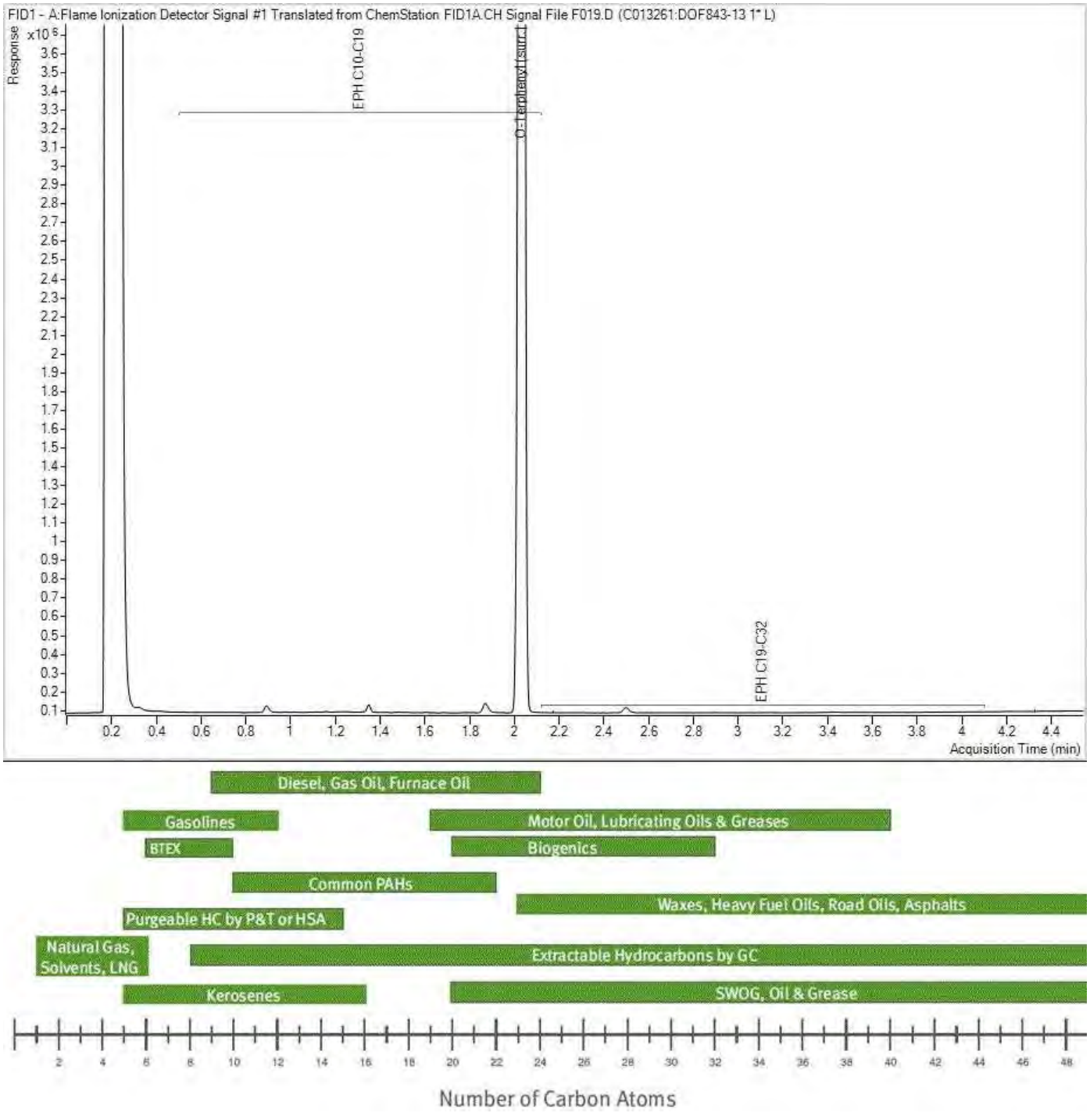
Custody Seal		Cooling Media	Temperature °C		
Present (Y/N)	Intact (Y/N)	Present (Y/N)	1	2	3
		ACTR			

Drinking Water Metals Preservation Check Done (Circle) YES NO

Bureau Veritas Job #: C558942
Report Date: 2025/07/16
Bureau Veritas Sample: DOF843

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

EPH in Water when PAH required Chromatogram

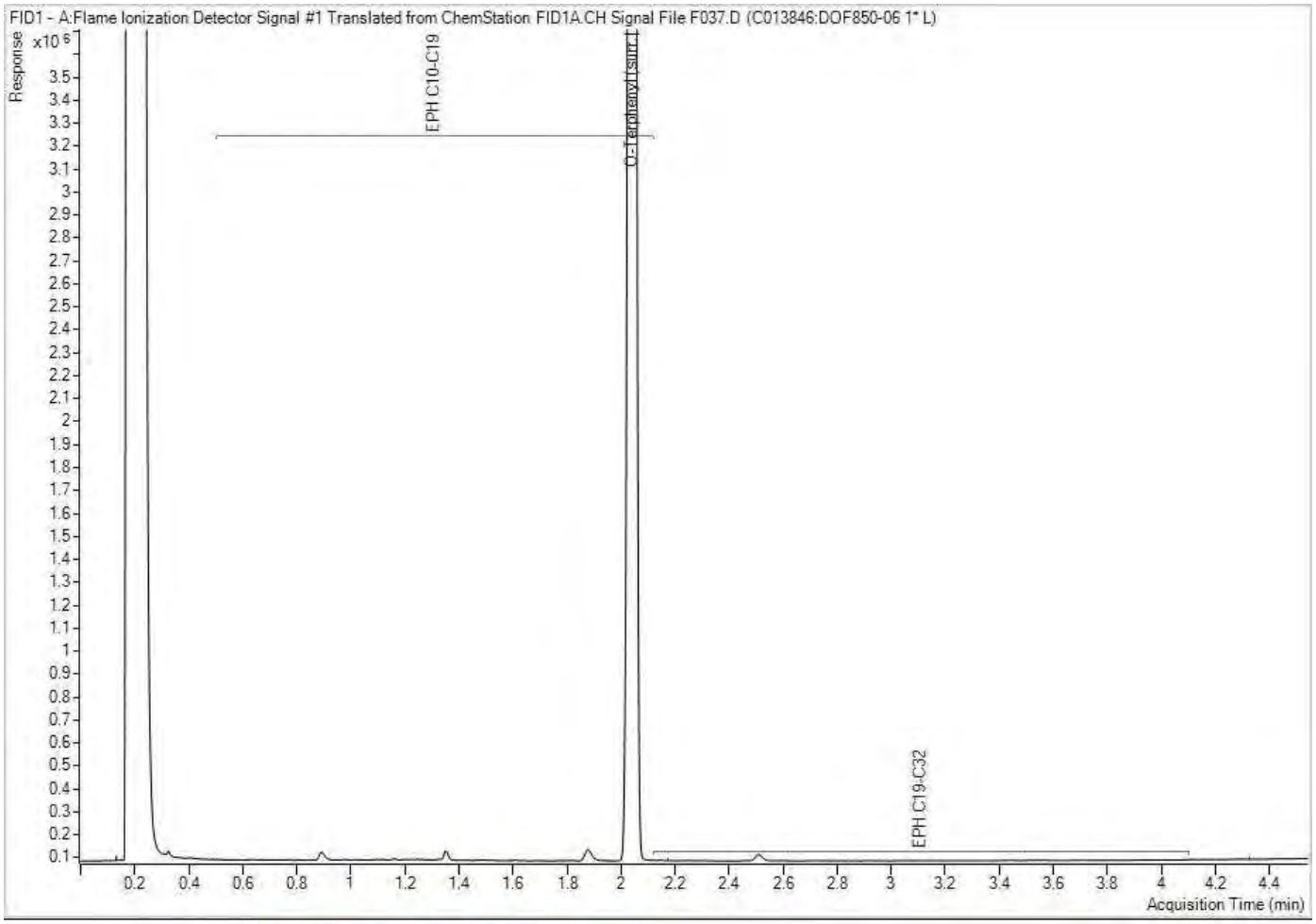


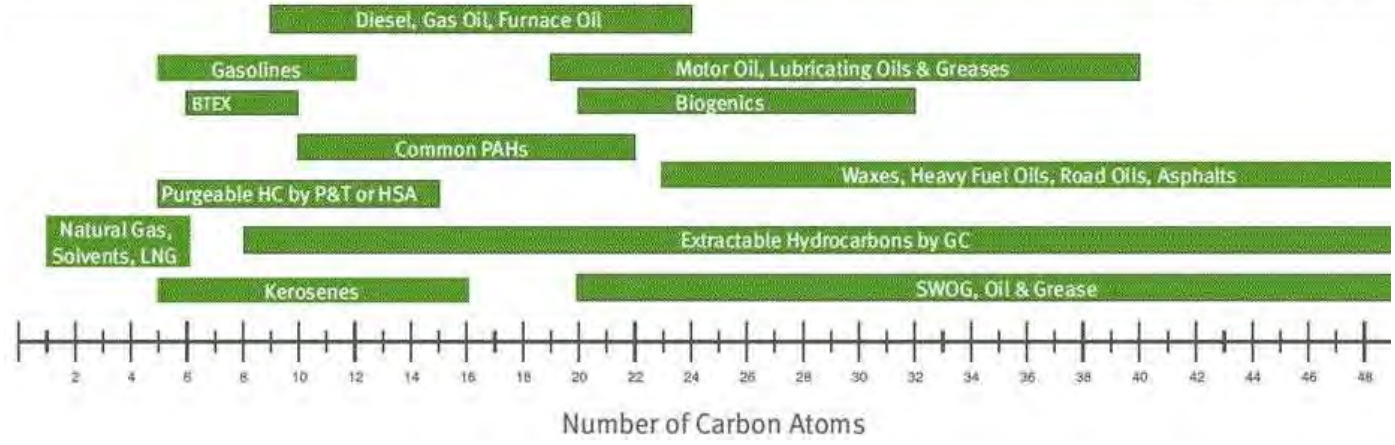
Note: This information is provided for reference purposes only. Should detailed chemist interpretation or fingerprinting be required, please contact the laboratory.

Bureau Veritas Job #: C558942
Report Date: 2025/07/16
Bureau Veritas Sample: DOF850

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

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: W107942

Project Information:	C558942
Job Received:	2025/07/02 17:00
Expected TAT:	Standard TAT
Expected Arrival:	2025/07/02 18:00
Submitted By:	Arian Farajizadeh
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
PO/AFE#:	4800010213
Project #:	Fortis11234/PE-110163
Site Location:	Woodfibre Pipeline Project

Analytical Summary

A: Standard TAT

Client Sample ID	Clnt Ref	Sampling Date/Time	Matrix	#Cont	Woodfibre 2025	Woodfibre Additional 2025	Woodfibre Blank 2025	Rainbow Trout LC50 Multi-concentration	Set Number
WLNG-DS	1	2025/07/02	WATER	15	A	A		A	1
WLNG -EOP	2	2025/07/02	WATER	23	A				2
WLNG-US	3	2025/07/02	WATER	15	A				2
SQRI-US	4	2025/07/02	WATER	15	A				2
SQRI-DS	5	2025/07/02	WATER	15	A				2
Field Blank	6	2025/07/02	WATER	15			A		3
Trip Blank	7	2025/07/02	WATER	15			A		3
Duplicate	8	2025/07/02	WATER	19	A	A			4

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

Submission Information

# of Samples: 8

Details: Sampling time and field measurement will be reported via field notes on or after sampling day.

Sample Set Listing

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