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.

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

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.

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	2025-03-25	Yes *	Full set of lab sample results, photo and documentation are provided in Appendix B.

Table 5: Downstream Monitoring Information

	Date of Lab Sample	Real Time Monitored	Results
Squamish River Downstream	2025-03-25	Yes *	Full set of lab sample results, photo and documentation are provided in Appendix B.

***** Sondes set up to log temperature, specific conductivity, salinity (in PSU), pH, ORP, DO (mg/L), and turbidity (NTU) 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.
- pH exceeded the BC WQGPAL at WLNG DS of 9.0 briefly on March 28 during three 15-minute measurement intervals (i.e., 9.3 to 9.5); however, as demonstrated during site-specific toxicity testing of the WLNG discharge using pH values up to 9.6, these short-term pH exceedances events do not appear to be a risk to aquatic life in East Creek.

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	2025-03-24	Yes-Appendix C	1,853m^3
Woodfibre	2025-03-25	Yes-Appendix C*lab sample day	1,977m^3
Woodfibre	2025-03-26	Yes-Appendix C	1,815m^3
Woodfibre	2025-03-27	Yes-Appendix C	2,018m^3
Woodfibre	2025-03-28	Yes-Appendix C	1,734m^3
Woodfibre	2025-03-29	Yes-Appendix C	1,887m^3
Woodfibre	2025-03-30	Yes-Appendix C	1,814m^3

*Max discharge is 1500m^3/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	2025-03-25	Yes *	Full set of lab sample results, photo and documentation are provided in Appendix D.

Table 8: Downstream Monitoring Information

	Date of Lab Sample	Real Time Monitored	Results
East Creek Downstream	2025-03-25	Yes *	Full set of lab sample results, photo and documentation are provided in Appendix D.

***** Sondes set up to log temperature, specific conductivity, salinity (in PSU), pH, ORP, DO (mg/L), and turbidity (NTU) at 15-minute interval

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	Units	BC Approved Water Quality Guideline - Freshwater Aquatic Life - Long Term Average	BC Approved Water Quality Guideline - Freshwater Aquatic Life - Short Term Maximum	BC Approved Water Quality Guideline - Marine Aquatic Life - Long Term Average	BC Approved Water Quality Guideline - Marine Aquatic Life - Short Term Maximum	BC Working Water Quality Guideline - Freshwater Aquatic Life - Long Term Average	BC Interim Water Quality Guideline - Freshwater Aquatic Life - Short Term Maximum	Receiving Environment	
								SQRI US	**SQRI DS**
								2025-03-25 14:35:00	**2025-03-25 14:57:00**
In situ Parameters									
Field pH	**pH Units**	6.5 - 9			7 - 8.7			7.37	7.3
Field Conductivity	**µS/cm**							43	35
Field Temperature	**°C**	18	19					7.9	6.8
General Parameters									
pH	**pH Units**							6.56	6.67
Conductivity	**uS/cm**							41	41
Alkalinity (Total as $CaCO_3$)	**mg/L**							12	13
Alkalinity (PP as $CaCO_3$)	**mg/L**							<1	<1
Hardness ($CaCO_3$)-Total	**mg/L**							13.3	13.4
Hardness ($CaCO_3$)-Dissolved	**mg/L**							15.1	15.1
Sulphide-Total	**mg/L**							<0.0018	<0.0018
Sulphide (as H2S)	**mg/L**			0.002				<0.002	<0.002
Un-ionized Hydrogen Sulfide as H2S-Total	**mg/L**							<0.005	<0.005
Un-ionized Hydrogen Sulfide as S-Total	**mg/L**							<0.005	<0.005
Anions and Nutrients									
Ammonia (N)-Total	**mg/L**	1.88	14.7		18	121		<0.015	<0.015
Bicarbonate (HCO_3)	**mg/L**							15	16
Carbonate (CO_3)	**mg/L**							<1	<1
Hydroxide (OH)	**mg/L**							<1	<1
Nitrate (N)	**mg/L**	3	32.8		3.7			0.098	0.086
Nitrite (N)	**mg/L**	0.02	0.06					<0.005	<0.005
Nitrate plus Nitrite (N)	**mg/L**							0.098	0.086
Nitrogen (N)-Total	**mg/L**							0.24	0.277
Phosphorus (P)-Total (4500-P)	**mg/L**							0.028	0.026
Bromide (Br)	**mg/L**							<0.01	<0.01
Chloride (Cl)	**mg/L**	150	600					<1	<1
Fluoride (F)	**mg/L**		0.574			1.5		<0.05	<0.05
Sulphate (SO_4)-Dissolved	**mg/L**	128						2.8	2.9
Ion Balance (% Difference)	**%**							5.2	5
Ion Ratio (cation sum / anion sum)	**N/A**							<0.01	<0.01
Total Metals									
Aluminum (Al)-Total	**mg/L**	0.122757						**0.14**	**0.2**
Antimony (Sb)-Total	**mg/L**	0.074	0.25					<0.00002	<0.00002
Arsenic (As)-Total	**mg/L**	0.005			0.0125			0.000101	0.00012
Barium (Ba)-Total	**mg/L**			1				0.00646	0.00703
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	0.000009	0.00001
Calcium (Ca)-Total	**mg/L**							4.48	4.5
Chromium (Cr)-Total	**mg/L**							0.00014	0.00012
Chromium (Cr III)-Total	**mg/L**			0.0089			0.056	<0.00099	<0.00099
Chromium (Cr VI)-Total	**mg/L**			0.0025			0.0015	**0.0016**	<0.00099
Cobalt (Co)-Total	**mg/L**	0.004	0.11					0.000079	0.0001
Copper (Cu)-Total	**mg/L**				0.002	0.003		0.00106	0.00124
Iron (Fe)-Total	**mg/L**		1					0.175	0.231
Lead (Pb)-Total	**mg/L**				0.002	0.14		0.000051	0.000073
Lithium (Li)-Total	**mg/L**							<0.0005	0.00063
Magnesium (Mg)-Total	**mg/L**							0.51	0.54
Manganese (Mn)-Total	**mg/L**	0.671	0.706				0.1	0.0068	0.00851
Mercury (Hg)-Total	**mg/L**	0.00002			0.00002			0.000002	0.000002
Molybdenum (Mo)-Total	**mg/L**	7.6	46					0.000365	0.000394
Nickel (Ni)-Total	**mg/L**						0.0083	0.00012	0.00015
Phosphorus (P)-Total (ICPMS)	**mg/L**							0.0171	0.0231
Potassium (K)-Total	**mg/L**							0.37	0.39
Selenium (Se)-Total	**mg/L**	0.002			0.002			<0.00004	<0.00004
Silicon (Si)-Total	**mg/L**							3.04	3.05
Silver (Ag)-Total	**mg/L**	0.00012				0.0037	0.0005	<0.00001	<0.00001
Sodium (Na)-Total	**mg/L**							1.64	1.72
Strontium (Sr)-Total	**mg/L**							0.0268	0.028
Sulphur (S)-Total	**mg/L**							<3	<3
Thallium (Tl)-Total	**mg/L**			0.00003				<0.000002	<0.000002
Tin (Sn)-Total	**mg/L**							<0.0002	<0.0002
Titanium (Ti)-Total	**mg/L**							0.003	0.0042
Uranium (U)-Total	**mg/L**		0.0165	0.0075				0.000026	0.000036
Vanadium (V)-Total	**mg/L**			0.06			0.005	0.00078	0.00089
Zinc (Zn)-Total	**mg/L**				0.01	0.055		0.0015	0.0015
Zirconium (Zr)-Total	**mg/L**							<0.0001	<0.0001
Dissolved Metals									
Aluminum (Al)-Dissolved	**mg/L**							0.0541	0.0535
Antimony (Sb)-Dissolved	**mg/L**							<0.00002	<0.00002
Arsenic (As)-Dissolved	**mg/L**							0.000094	0.000098
Barium (Ba)-Dissolved	**mg/L**							0.00625	0.00646
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**	0.000053	0.000084					0.000006	<0.000005
Calcium (Ca)-Dissolved	**mg/L**							5.11	5.16
Cesium (Cs)-Dissolved	**mg/L**							<0.00005	<0.00005
Chromium (Cr)-Dissolved	**mg/L**							<0.0001	<0.0001
Cobalt (Co)-Dissolved	**mg/L**							0.0000218	0.000015
Copper (Cu)-Dissolved	**mg/L**	0.000438563	0.00799726					**0.000812**	**0.000799**
Iron (Fe)-Dissolved	**mg/L**		0.35					0.0541	0.0465
Lead (Pb)-Dissolved	**mg/L**	0.002345						0.0000076	0.0000071
Lithium (Li)-Dissolved	**mg/L**							0.00052	0.0006
Manganese (Mn)-Dissolved	**mg/L**							0.00214	0.00139
Magnesium (Mg)-Dissolved	**mg/L**							0.561	0.545
Mercury (Hg)-Dissolved	**mg/L**							0.000002	<0.0000019
Molybdenum (Mo)-Dissolved	**mg/L**							0.000444	0.000441
Nickel (Ni)-Dissolved	**mg/L**	0.0008	0.0123					0.000108	0.000112
Phosphorus (P)-Dissolved	**mg/L**							0.0077	0.0043

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

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

Hatfield		BC Approved Water Quality Guideline - Freshwater Aquatic Life - Long Term Average	BC Approved Water Quality Guideline - Freshwater Aquatic Life - Short Term Maximum	BC Approved Water Quality Guideline - Marine Aquatic Life - Long Term Average	BC Approved Water Quality Guideline - Marine Aquatic Life - Short Term Maximum	BC Working Water Quality Guideline - Freshwater Aquatic Life - Long Term Average	BC Interim Water Quality Guideline - Freshwater Aquatic Life - Short Term Maximum	Receiving Environment	
								SQRI US	**SQRI DS**
								2025-03-25 14:35:00	**2025-03-25 14:57:00**
Analyte	**Units**								
Dissolved Metals (Cont'd.)									
Potassium (K)-Dissolved	**mg/L**							0.405	0.408
Rubidium (Rb)-Dissolved	**mg/L**							0.000594	0.000625
Selenium (Se)-Dissolved	**mg/L**							<0.00004	<0.00004
Silicon (Si)-Dissolved	**mg/L**							3.43	3.33
Silver (Ag)-Dissolved	**mg/L**							<0.000005	<0.000005
Sodium (Na)-Dissolved	**mg/L**							1.81	1.93
Strontium (Sr)-Dissolved	**mg/L**			1.25				0.0303	0.0308
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**							0.0000097	0.0000077
Tin (Sn)-Dissolved	**mg/L**							<0.0002	<0.0002
Titanium (Ti)-Dissolved	**mg/L**							<0.0005	<0.0005
Uranium (U)-Dissolved	**mg/L**							0.0000247	0.0000258
Vanadium (V)-Dissolved	**mg/L**							0.00074	0.00069
Zinc (Zn)-Dissolved	**mg/L**	0.003746	0.010395					0.00078	0.00065
Zirconium (Zr)-Dissolved	**mg/L**							<0.0001	<0.0001
Inorganics									
Organic Carbon (C)-Dissolved	**mg/L**							2.8	2.7
Solids-Total Dissolved	**mg/L**							26	20
Solids-Total Suspended	**mg/L**	13	33					8	8.8

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

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

BCR Site Receiving Environment Field Notes and Logs

FortisBC Eagle Mountain-Woodfibre Gas Pipeline

Water Discharge Authorization Water Quality Monitoring

2025-3-25

Project Component:	Tunnel	**Site Name:**	Receiving Environment - Downstream of Discharge
Inspection Date:	03/25/2025	**Location:**	BC Rail Site
Hatfield QP:	Hayley Massson	**Latitude/Longitude:**	49.725394 -123.165083
Temperature(c): Low 3	High 12	**Permit:**	AE 111824
Weather Conditions:	**Overcast**	**Ground Conditions:**	Damp

Observations

Time: 14:55:00 **Flow Volume (visual):** high
Notes:

Odour Detected?: No **Notes:**
Unusual Colour? No **Notes:**
Unusual Observations? No **Notes:**
Sheen on Water? No **Notes:**

Samples Collected - Parameters

Total Metals + Mercury	Yes	**General Parameters (Alkalinity)**	Yes	**Other Sample:**	
Dissolved Metals + Mercury	Yes	**Total Sulfide, Unionized Sulfide**	Yes		
TS	Yes	**Anions**	Yes		
S	Yes	**Total Trivalent Chromium**	Yes	**QA Samples:**	Yes
TDS					
Nutrients	Yes	**VOC/VPH**	No		
DOC	Yes	**EPH, PAH, LEPH/HEPH**	No		
		Trout LC50	No		

Logger Maintenance

Logger Maintenance Performed? No **Photo of COC with Lab Signature?** No

Describe Logger Maintenance

Photo:
Location: 1
Description: SQU DS
Photo: At sampling point
Location:
Description:

Sign Off

Report Prepared By: Jennifer Choyce
Report Reviewer:

Report Reviewed: Yes
Professional(s) of Record:
Name:
Designation: **Designation Number:**

FortisBC Eagle Mountain-Woodfibre Gas Pipeline

Water Discharge Authorization Water Quality Monitoring

2025-3-25

Project Component:	Tunnel	**Site Name:**	Receiving Environment - Upstream of Discharge
Inspection Date:	03/25/2025	**Location:**	BC Rail Site
Hatfield QP:	Hayley Masson	**Latitude/Longitude:**	49.726866 -123.163912
Temperature(c): Low 3	High 12	**Permit:**	AE 111824
Weather Conditions: **Overcast**		**Ground Conditions:**	Damp

Observations

Time: 14:33:00 **Flow Volume (visual):** high
Notes:

Odour Detected?: No **Notes:**
Unusual Colour? No **Notes:**
Unusual Observations? No **Notes:**
Sheen on Water? No **Notes:**

Samples Collected - Parameters

Total Metals + Mercury	Yes	**General Parameters (Alkalinity)**	Yes	**Other Sample:**	
Dissolved Metals + Mercury	Yes	**Total Sulfide, Unionized Sulfide**	Yes		

TSS	Yes	**Anions**	Yes		
STDS	Yes	**Total Trivalent Chromium**	Yes	**QA Samples:**	Yes
Nutrients	Yes	**VOC/VPH**	No		
DOC	Yes	**EPH, PAH, LEPH/HEPH**	No		
		Trout LC50	No		

Logger Maintenance

Logger Maintenance Performed?	No	**Photo of COC with Lab Signature?**	No

Describe Logger Maintenance

Photo: 1
Location: SQU US
Description: Looking upstream

Sign Off

Report Prepared By: Jennifer Choyce
Report Reviewer:

Report Reviewed: Yes
Professional(s) of Record:
Name:
Designation: **Designation Number:**

	Squamish River				
Date/Time	Temperature (ºC)	Specific Conductivity (µS/cm)	pH	Dissolved Oxygen (mg/L)	Turbidity (NTU)
2025-03-24 00:00:00	4.6	57.6	7.1	13.3	1.9
2025-03-24 00:15:00	4.6	57.8	7.1	13.3	1.7
2025-03-24 00:30:00	4.5	57.1	7.0	13.3	3.0
2025-03-24 00:45:00	4.5	56.8	7.0	13.3	2.2
2025-03-24 01:00:00	4.5	56.3	7.0	13.3	1.9
2025-03-24 01:15:00	4.4	55.3	6.9	13.3	2.6
2025-03-24 01:30:00	4.4	55.1	7.1	13.3	2.7
2025-03-24 01:45:00	4.4	54.6	7.0	13.4	2.3
2025-03-24 02:00:00	4.4	54.8	7.0	13.3	2.0
2025-03-24 02:15:00	4.4	54.2	7.1	13.4	1.8
2025-03-24 02:30:00	4.3	53.6	7.0	13.4	2.2
2025-03-24 02:45:00	4.3	53.7	6.8	13.4	2.6
2025-03-24 03:00:00	4.3	53.4	6.9	13.4	2.3
2025-03-24 03:15:00	4.3	53.2	6.9	13.4	2.9
2025-03-24 03:30:00	4.3	52.9	7.1	13.4	1.7
2025-03-24 03:45:00	4.3	52.1	7.0	13.4	2.9
2025-03-24 04:00:00	4.2	51.9	7.1	13.4	2.4
2025-03-24 04:15:00	4.2	51.7	7.0	13.4	3.1
2025-03-24 04:30:00	4.2	51.7	7.1	13.4	1.7
2025-03-24 04:45:00	4.2	51.6	7.0	13.4	2.1
2025-03-24 05:00:00	4.2	52.2	7.1	13.4	1.8
2025-03-24 05:15:00	4.2	51.7	6.9	13.5	2.5
2025-03-24 05:30:00	4.2	52.0	7.1	13.5	2.2
2025-03-24 05:45:00	4.2	52.0	7.0	13.5	3.0
2025-03-24 06:00:00	4.2	52.1	6.8	13.5	2.9
2025-03-24 06:15:00	4.2	52.3	7.1	13.5	3.5
2025-03-24 06:30:00	4.2	52.2	7.1	13.5	1.6
2025-03-24 06:45:00	4.2	52.4	7.0	13.5	3.6
2025-03-24 07:00:00	4.2	52.4	6.8	13.5	3.3
2025-03-24 07:15:00	4.2	51.3	7.1	13.5	1.6
2025-03-24 07:30:00	4.2	51.7	7.0	13.5	1.8
2025-03-24 07:45:00	4.2	51.0	6.9	13.5	2.6
2025-03-24 08:00:00	4.1	50.3	6.8	13.6	2.9
2025-03-24 08:15:00	4.1	50.1	6.9	13.6	2.5
2025-03-24 08:30:00	4.1	49.2	7.1	13.6	2.9
2025-03-24 08:45:00	4.1	48.2	7.0	13.6	17.2
2025-03-24 09:00:00	4.1	47.9	7.1	13.6	2.1
2025-03-24 09:15:00	4.1	48.1	7.0	13.6	3.1
2025-03-24 09:30:00	4.1	48.7	7.0	13.6	1.9
2025-03-24 09:45:00	4.1	48.5	6.9	13.6	2.3
2025-03-24 10:00:00	4.1	48.6	7.0	13.6	2.1
2025-03-24 10:15:00	4.1	48.2	7.0	13.6	2.1
2025-03-24 10:30:00	4.1	48.0	7.1	13.6	1.7
2025-03-24 10:45:00	4.1	47.7	7.0	13.7	2.6
2025-03-24 11:00:00	4.1	46.8	7.0	13.7	2.6
2025-03-24 11:15:00	4.1	46.8	7.1	13.7	2.6
2025-03-24 11:30:00	4.1	47.5	6.9	13.7	2.7
2025-03-24 11:45:00	4.1	48.6	7.0	13.6	1.9
2025-03-24 12:00:00	4.1	48.6	7.0	13.6	3.2
2025-03-24 12:15:00	4.1	48.4	7.1	13.6	2.3
2025-03-24 12:30:00	4.1	47.7	6.9	13.6	2.9

	Squamish River				
Date/Time	Temperature (ºC)	Specific Conductivity (µS/cm)	pH	Dissolved Oxygen (mg/L)	Turbidity (NTU)
2025-03-24 12:45:00	4.1	47.9	7.0	13.6	2.3
2025-03-24 13:00:00	4.1	48.5	7.0	13.6	2.2
2025-03-24 13:15:00	4.1	48.4	6.8	13.6	2.3
2025-03-24 13:30:00	4.1	47.5	6.9	13.6	2.2
2025-03-24 13:45:00	4.1	47.4	6.8	13.6	2.7
2025-03-24 14:00:00	4.1	47.9	7.0	13.6	1.8
2025-03-24 14:15:00	4.1	47.5	7.1	13.6	1.7
2025-03-24 14:30:00	4.1	47.0	7.0	13.6	1.6
2025-03-24 14:45:00	4.1	46.9	7.0	13.6	2.0
2025-03-24 15:00:00	4.1	47.1	6.9	13.6	1.6
2025-03-24 15:15:00	4.1	46.8	7.0	13.6	2.6
2025-03-24 15:30:00	4.1	46.8	6.9	13.6	4.0
2025-03-24 15:45:00	4.1	46.8	6.9	13.7	2.8
2025-03-24 16:00:00	4.1	47.0	7.0	13.7	1.7
2025-03-24 16:15:00	4.1	46.9	6.9	13.7	5.3
2025-03-24 16:30:00	4.1	46.8	6.9	13.7	3.2
2025-03-24 16:45:00	4.1	46.7	7.1	13.7	2.9
2025-03-24 17:00:00	4.1	46.5	6.9	13.7	2.9
2025-03-24 17:15:00	4.1	46.6	6.9	13.8	3.4
2025-03-24 17:30:00	4.2	46.6	7.0	13.7	2.6
2025-03-24 17:45:00	4.2	46.5	6.9	13.8	2.9
2025-03-24 18:00:00	4.2	46.2	7.0	13.8	2.4
2025-03-24 18:15:00	4.2	46.5	6.9	13.8	2.9
2025-03-24 18:30:00	4.2	46.4	6.9	13.8	2.4
2025-03-24 18:45:00	4.2	46.2	7.1	13.8	2.7
2025-03-24 19:00:00	4.3	46.5	7.1	13.8	2.8
2025-03-24 19:15:00	4.3	46.0	6.9	13.9	3.0
2025-03-24 19:30:00	4.3	46.4	7.1	13.8	2.3
2025-03-24 19:45:00	4.3	46.3	6.9	13.8	2.7
2025-03-24 20:00:00	4.4	46.4	6.9	13.8	2.3
2025-03-24 20:15:00	4.4	46.2	6.8	13.8	2.9
2025-03-24 20:30:00	4.4	46.6	7.1	13.8	2.2
2025-03-24 20:45:00	4.5	46.7	6.8	13.8	4.0
2025-03-24 21:00:00	4.5	46.5	7.1	13.8	2.9
2025-03-24 21:15:00	4.6	46.3	7.0	13.8	4.8
2025-03-24 21:30:00	4.6	46.8	7.0	13.8	3.5
2025-03-24 21:45:00	4.7	46.3	6.8	13.8	4.5
2025-03-24 22:00:00	4.7	46.7	6.9	13.8	4.4
2025-03-24 22:15:00	4.8	46.5	7.0	13.8	7.8
2025-03-24 22:30:00	4.8	46.5	6.9	13.8	4.3
2025-03-24 22:45:00	4.8	46.6	7.0	13.8	4.5
2025-03-24 23:00:00	4.8	46.6	7.0	13.8	3.6
2025-03-24 23:15:00	4.8	46.4	6.7	13.8	4.8
2025-03-24 23:30:00	4.8	46.3	7.0	13.7	2.6
2025-03-24 23:45:00	4.8	46.7	6.9	13.7	3.9
2025-03-25 00:00:00	4.8	46.3	7.0	13.7	2.6
2025-03-25 00:15:00	4.8	46.5	7.1	13.7	3.8
2025-03-25 00:30:00	4.8	46.7	7.0	13.7	3.8
2025-03-25 00:45:00	4.8	46.4	7.1	13.7	2.2
2025-03-25 01:00:00	4.8	46.0	7.0	13.7	1.8
2025-03-25 01:15:00	4.8	46.8	6.7	13.7	2.5

	Squamish River				
Date/Time	Temperature (ºC)	Specific Conductivity (µS/cm)	pH	Dissolved Oxygen (mg/L)	Turbidity (NTU)
2025-03-25 01:30:00	4.8	46.6	7.0	13.7	3.8
2025-03-25 01:45:00	4.8	46.3	7.0	13.7	2.8
2025-03-25 02:00:00	4.8	46.3	7.0	13.6	2.3
2025-03-25 02:15:00	4.8	46.3	7.1	13.6	2.6
2025-03-25 02:30:00	4.8	46.3	7.1	13.6	2.5
2025-03-25 02:45:00	4.8	46.4	7.1	13.6	2.3
2025-03-25 03:00:00	4.8	46.6	7.1	13.6	2.1
2025-03-25 03:15:00	4.8	46.2	7.0	13.6	2.2
2025-03-25 03:30:00	4.8	46.1	7.0	13.6	2.0
2025-03-25 03:45:00	4.8	46.4	6.8	13.5	2.5
2025-03-25 04:00:00	4.8	46.3	6.9	13.5	2.4
2025-03-25 04:15:00	4.8	46.5	7.0	13.5	2.2
2025-03-25 04:30:00	4.8	46.2	7.0	13.5	2.2
2025-03-25 04:45:00	4.8	46.2	7.0	13.5	2.3
2025-03-25 05:00:00	4.8	46.3	7.0	13.5	2.4
2025-03-25 05:15:00	4.7	45.7	7.0	13.5	2.6
2025-03-25 05:30:00	4.7	45.9	7.0	13.6	2.8
2025-03-25 05:45:00	4.7	45.7	7.0	13.6	1.7
2025-03-25 06:00:00	4.7	45.6	6.9	13.6	2.2
2025-03-25 06:15:00	4.7	45.7	7.0	13.6	2.1
2025-03-25 06:30:00	4.7	45.5	6.9	13.6	2.4
2025-03-25 06:45:00	4.7	45.4	7.0	13.6	2.0
2025-03-25 07:00:00	4.7	45.1	7.0	13.6	2.1
2025-03-25 07:15:00	4.7	45.4	6.8	13.6	3.0
2025-03-25 07:30:00	4.7	44.6	7.0	13.6	1.8
2025-03-25 07:45:00	4.7	44.9	6.8	13.6	3.8
2025-03-25 08:00:00	4.6	44.8	7.0	13.6	4.0
2025-03-25 08:15:00	4.6	44.4	7.0	13.6	2.9
2025-03-25 08:30:00	4.6	44.1	7.1	13.6	2.4
2025-03-25 08:45:00	4.6	44.1	7.0	13.7	2.3
2025-03-25 09:00:00	4.5	43.3	7.1	13.7	2.1
2025-03-25 09:15:00	4.5	43.1	6.7	13.7	5.0
2025-03-25 09:30:00	4.5	42.7	7.1	13.7	1.6
2025-03-25 09:45:00	4.5	42.8	7.1	13.7	2.3
2025-03-25 10:00:00	4.5	43.4	6.9	13.7	2.4
2025-03-25 10:15:00	4.5	43.1	7.0	13.7	3.4
2025-03-25 10:30:00	4.5	42.6	7.0	13.7	1.9
2025-03-25 10:45:00	4.4	42.3	6.8	13.7	2.6
2025-03-25 11:00:00	4.4	42.2	7.0	13.8	2.1
2025-03-25 11:15:00	4.4	41.8	7.1	13.8	1.6
2025-03-25 11:30:00	4.4	41.8	7.0	13.8	2.0
2025-03-25 11:45:00	4.4	41.8	7.1	13.8	2.3
2025-03-25 12:00:00	4.4	41.6	6.9	13.8	2.4
2025-03-25 12:15:00	4.4	42.0	7.0	13.8	2.7
2025-03-25 12:30:00	4.4	42.5	7.0	13.8	1.5
2025-03-25 12:45:00	4.4	43.2	7.0	13.8	2.7
2025-03-25 13:00:00	4.4	43.7	7.0	13.8	2.6
2025-03-25 13:15:00	4.4	43.9	7.0	13.7	2.5
2025-03-25 13:30:00	4.4	44.0	7.0	13.7	1.9
2025-03-25 13:45:00	4.4	43.0	6.9	13.7	2.4
2025-03-25 14:00:00	4.4	43.2	6.9	13.7	2.0

	Squamish River				
Date/Time	Temperature (ºC)	Specific Conductivity (µS/cm)	pH	Dissolved Oxygen (mg/L)	Turbidity (NTU)
2025-03-25 14:15:00	4.3	43.0	6.9	13.8	2.5
2025-03-25 14:30:00	4.3	42.8	7.0	13.8	1.9
2025-03-25 14:45:00	4.3	42.6	7.1	13.8	4.2
2025-03-25 15:00:00	4.3	42.5	7.0	13.8	2.8
2025-03-25 15:15:00	4.3	42.5	7.1	13.8	2.6
2025-03-25 15:30:00	4.3	42.2	7.0	13.8	3.0
2025-03-25 15:45:00	4.3	42.0	6.9	13.8	8.6
2025-03-25 16:00:00	4.3	41.8	7.0	13.8	3.2
2025-03-25 16:15:00	4.3	41.4	7.1	13.8	3.7
2025-03-25 16:30:00	4.3	41.4	7.0	13.9	4.4
2025-03-25 16:45:00	4.3	41.1	6.9	13.9	4.7
2025-03-25 17:00:00	4.3	41.0	6.9	13.9	6.2
2025-03-25 17:15:00	4.3	40.9	7.0	13.9	4.3
2025-03-25 17:30:00	4.3	40.8	7.0	13.9	4.0
2025-03-25 17:45:00	4.3	40.5	7.0	14.0	5.0
2025-03-25 18:00:00	4.3	40.4	6.7	14.0	6.3
2025-03-25 18:15:00	4.3	40.4	6.9	14.0	7.0
2025-03-25 18:30:00	4.4	40.2	7.0	14.0	4.6
2025-03-25 18:45:00	4.4	40.1	7.0	14.0	5.0
2025-03-25 19:00:00	4.4	40.0	7.0	14.0	7.5
2025-03-25 19:15:00	4.4	39.9	6.8	14.0	5.7
2025-03-25 19:30:00	4.4	39.9	6.9	14.0	5.3
2025-03-25 19:45:00	4.4	39.9	7.1	14.0	6.3
2025-03-25 20:00:00	4.4	39.6	7.0	14.1	4.8
2025-03-25 20:15:00	4.5	39.8	6.8	14.0	6.3
2025-03-25 20:30:00	4.5	39.8	7.0	14.1	4.1
2025-03-25 20:45:00	4.5	39.5	7.0	14.1	7.3
2025-03-25 21:00:00	4.5	39.6	7.0	14.1	5.7
2025-03-25 21:15:00	4.5	39.3	7.0	14.1	7.0
2025-03-25 21:30:00	4.5	39.0	7.0	14.1	7.5
2025-03-25 21:45:00	4.5	38.9	6.8	14.1	9.1
2025-03-25 22:00:00	4.6	38.8	7.0	14.1	6.6
2025-03-25 22:15:00	4.6	39.1	7.0	14.1	8.4
2025-03-25 22:30:00	4.6	38.7	7.1	14.1	8.0
2025-03-25 22:45:00	4.7	38.5	7.0	14.1	6.5
2025-03-25 23:00:00	4.8	38.6	7.0	14.1	7.7
2025-03-25 23:15:00	4.8	38.5	7.1	14.1	8.6
2025-03-25 23:30:00	4.8	38.2	7.0	14.1	6.7
2025-03-25 23:45:00	4.8	38.0	7.0	14.0	8.7
2025-03-26 00:00:00	4.8	38.0	7.0	14.0	9.5
2025-03-26 00:15:00	4.8	38.0	6.9	14.0	10.8
2025-03-26 00:30:00	4.9	38.0	7.0	14.0	9.9
2025-03-26 00:45:00	4.9	37.7	6.9	14.0	13.4
2025-03-26 01:00:00	4.8	37.4	6.9	14.0	11.1
2025-03-26 01:15:00	4.8	37.5	6.9	14.0	12.2
2025-03-26 01:30:00	4.8	37.5	7.0	14.0	8.3
2025-03-26 01:45:00	4.8	37.3	7.0	14.0	9.0
2025-03-26 02:00:00	4.8	37.1	7.0	14.0	13.9
2025-03-26 02:15:00	4.8	37.1	7.0	14.0	9.0
2025-03-26 02:30:00	4.8	37.2	7.1	13.9	8.5
2025-03-26 02:45:00	4.8	37.0	6.9	14.0	14.0

	Squamish River				
Date/Time	Temperature (ºC)	Specific Conductivity (µS/cm)	pH	Dissolved Oxygen (mg/L)	Turbidity (NTU)
2025-03-26 03:00:00	4.7	36.6	7.0	13.9	14.9
2025-03-26 03:15:00	4.7	36.5	7.0	13.9	9.4
2025-03-26 03:30:00	4.7	36.7	6.8	13.9	10.2
2025-03-26 03:45:00	4.7	36.6	7.0	13.9	12.2
2025-03-26 04:00:00	4.6	36.5	6.9	14.0	12.1
2025-03-26 04:15:00	4.6	36.1	6.9	14.0	13.7
2025-03-26 04:30:00	4.6	36.5	6.9	14.0	17.9
2025-03-26 04:45:00	4.6	36.3	6.9	14.0	13.6
2025-03-26 05:00:00	4.5	35.9	6.9	14.0	13.4
2025-03-26 05:15:00	4.5	35.7	6.8	14.0	11.4
2025-03-26 05:30:00	4.5	35.8	6.8	14.0	16.0
2025-03-26 05:45:00	4.5	35.8	7.0	14.0	13.9
2025-03-26 06:00:00	4.4	35.6	6.8	14.0	17.2
2025-03-26 06:15:00	4.4	35.8	6.8	14.0	12.1
2025-03-26 06:30:00	4.4	35.3	6.8	14.1	14.7
2025-03-26 06:45:00	4.3	35.2	6.8	14.1	12.7
2025-03-26 07:00:00	4.3	35.1	6.8	14.1	13.8
2025-03-26 07:15:00	4.3	34.9	6.8	14.1	12.7
2025-03-26 07:30:00	4.2	34.9	6.9	14.1	14.3
2025-03-26 07:45:00	4.2	34.8	6.8	14.1	15.8
2025-03-26 08:00:00	4.2	34.6	6.9	14.1	16.5
2025-03-26 08:15:00	4.2	34.5	7.0	14.1	14.0
2025-03-26 08:30:00	4.1	34.5	7.0	14.1	17.2
2025-03-26 08:45:00	4.1	34.4	6.8	14.2	14.6
2025-03-26 09:00:00	4.1	34.4	6.8	14.1	18.5
2025-03-26 09:15:00	4.1	34.2	7.0	14.2	14.4
2025-03-26 09:30:00	4.0	34.1	6.9	14.2	12.0
2025-03-26 09:45:00	4.0	34.0	7.0	14.2	11.4
2025-03-26 10:00:00	4.0	33.9	6.9	14.2	10.7
2025-03-26 10:15:00	3.9	33.7	6.8	14.2	16.7
2025-03-26 10:30:00	3.9	33.5	7.0	14.2	12.1
2025-03-26 10:45:00	3.9	33.4	7.0	14.2	18.4
2025-03-26 11:00:00	3.9	33.3	6.9	14.2	9.4
2025-03-26 11:15:00	3.8	33.1	7.0	14.2	13.1
2025-03-26 11:30:00	3.8	33.2	7.0	14.2	13.7
2025-03-26 11:45:00	3.8	33.2	7.0	14.3	13.6
2025-03-26 12:00:00	3.8	33.2	6.9	14.3	12.2
2025-03-26 12:15:00	3.8	33.2	7.0	14.3	12.2
2025-03-26 12:30:00	3.8	33.2	7.0	14.3	12.8
2025-03-26 12:45:00	3.7	33.2	6.9	14.2	12.4
2025-03-26 13:00:00	3.7	33.4	6.9	14.3	12.6
2025-03-26 13:15:00	3.7	33.4	6.9	14.2	10.3
2025-03-26 13:30:00	3.7	33.1	7.0	14.2	8.4
2025-03-26 13:45:00	3.7	33.3	7.0	14.2	12.5
2025-03-26 14:00:00	3.7	33.3	6.9	14.2	9.7
2025-03-26 14:15:00	3.7	33.6	6.8	14.2	13.3
2025-03-26 14:30:00	3.7	33.6	6.9	14.2	11.7
2025-03-26 14:45:00	3.7	33.7	6.9	14.2	18.9
2025-03-26 15:00:00	3.7	33.7	6.8	14.2	15.9
2025-03-26 15:15:00	3.7	33.6	6.9	14.2	12.5
2025-03-26 15:30:00	3.7	33.7	7.0	14.2	16.8

	Squamish River				
Date/Time	Temperature (ºC)	Specific Conductivity (µS/cm)	pH	Dissolved Oxygen (mg/L)	Turbidity (NTU)
2025-03-26 15:45:00	3.7	33.7	6.9	14.2	14.5
2025-03-26 16:00:00	3.7	33.8	6.9	14.2	11.0
2025-03-26 16:15:00	3.8	33.6	6.8	14.2	11.1
2025-03-26 16:30:00	3.8	33.7	6.8	14.2	12.8
2025-03-26 16:45:00	3.9	33.6	6.9	14.2	16.2
2025-03-26 17:00:00	3.9	33.7	6.8	14.2	17.7
2025-03-26 17:15:00	4.0	33.9	7.0	14.2	12.7
2025-03-26 17:30:00	4.1	34.0	6.9	14.2	10.9
2025-03-26 17:45:00	4.1	34.0	6.7	14.2	33.7
2025-03-26 18:00:00	4.2	34.0	6.8	14.1	15.2
2025-03-26 18:15:00	4.2	33.9	6.8	14.1	11.6
2025-03-26 18:30:00	4.2	33.9	6.8	14.1	13.3
2025-03-26 18:45:00	4.3	33.9	6.9	14.1	10.1
2025-03-26 19:00:00	4.3	34.1	7.0	14.1	9.6
2025-03-26 19:15:00	4.3	34.1	6.9	14.1	12.0
2025-03-26 19:30:00	4.3	34.1	6.9	14.1	7.2
2025-03-26 19:45:00	4.3	33.9	6.9	14.1	9.3
2025-03-26 20:00:00	4.3	33.9	6.9	14.0	12.0
2025-03-26 20:15:00	4.3	34.0	7.0	14.0	8.8
2025-03-26 20:30:00	4.4	34.1	6.9	14.0	12.4
2025-03-26 20:45:00	4.4	33.9	7.0	14.0	8.6
2025-03-26 21:00:00	4.4	34.0	6.9	14.0	8.8
2025-03-26 21:15:00	4.4	34.0	6.8	14.0	11.5
2025-03-26 21:30:00	4.4	33.8	6.9	14.0	6.1
2025-03-26 21:45:00	4.5	33.7	6.9	13.9	9.7
2025-03-26 22:00:00	4.5	34.0	6.9	13.9	4.8
2025-03-26 22:15:00	4.5	33.7	6.9	13.9	7.9
2025-03-26 22:30:00	4.5	33.9	6.8	13.9	10.2
2025-03-26 22:45:00	4.6	33.7	6.8	13.8	10.7
2025-03-26 23:00:00	4.6	33.7	6.9	13.8	9.6
2025-03-26 23:15:00	4.6	33.6	6.9	13.8	8.2
2025-03-26 23:30:00	4.7	33.8	6.7	13.8	8.3
2025-03-26 23:45:00	4.7	33.5	6.9	13.8	5.7
2025-03-27 00:00:00	4.8	33.8	6.9	13.8	11.0
2025-03-27 00:15:00	4.9	33.9	6.9	13.8	8.1
2025-03-27 00:30:00	4.9	34.2	6.9	13.8	10.7
2025-03-27 00:45:00	4.9	34.1	7.0	13.7	6.7
2025-03-27 01:00:00	5.0	33.9	6.9	13.7	11.5
2025-03-27 01:15:00	5.0	34.2	7.0	13.7	7.6
2025-03-27 01:30:00	5.0	34.2	6.9	13.7	7.7
2025-03-27 01:45:00	4.9	34.0	6.9	13.7	7.8
2025-03-27 02:00:00	4.9	34.0	6.9	13.7	8.7
2025-03-27 02:15:00	4.9	34.2	6.8	13.7	8.4
2025-03-27 02:30:00	4.9	34.2	6.9	13.7	4.7
2025-03-27 02:45:00	4.9	34.2	6.9	13.7	6.0
2025-03-27 03:00:00	4.9	34.2	6.9	13.6	6.6
2025-03-27 03:15:00	4.9	34.3	6.9	13.6	7.5
2025-03-27 03:30:00	4.9	34.5	6.9	13.6	6.5
2025-03-27 03:45:00	4.9	34.2	6.8	13.6	5.7
2025-03-27 04:00:00	4.9	34.5	6.8	13.6	7.6
2025-03-27 04:15:00	4.9	34.5	6.9	13.6	6.5

	Squamish River				
Date/Time	Temperature (ºC)	Specific Conductivity (µS/cm)	pH	Dissolved Oxygen (mg/L)	Turbidity (NTU)
2025-03-27 04:30:00	4.9	34.6	6.8	13.6	7.6
2025-03-27 04:45:00	4.9	34.5	6.9	13.6	5.9
2025-03-27 05:00:00	4.9	34.6	6.9	13.6	4.4
2025-03-27 05:15:00	4.9	34.5	6.9	13.6	6.0
2025-03-27 05:30:00	4.8	34.6	6.9	13.6	7.4
2025-03-27 05:45:00	4.8	34.4	6.9	13.6	8.6
2025-03-27 06:00:00	4.8	34.5	7.0	13.6	7.6
2025-03-27 06:15:00	4.8	34.4	6.8	13.6	4.4
2025-03-27 06:30:00	4.8	34.3	6.8	13.6	5.5
2025-03-27 06:45:00	4.9	33.9	6.8	13.6	7.1
2025-03-27 07:00:00	4.8	33.8	7.0	13.6	5.4
2025-03-27 07:15:00	4.8	33.7	6.8	13.6	6.9
2025-03-27 07:30:00	4.8	33.8	6.6	13.6	9.2
2025-03-27 07:45:00	4.8	33.7	6.9	13.6	7.6
2025-03-27 08:00:00	4.8	33.6	6.9	13.7	8.3
2025-03-27 08:15:00	4.8	33.7	6.8	13.7	30.8
2025-03-27 08:30:00	4.7	33.5	6.9	13.7	9.8
2025-03-27 08:45:00	4.7	33.1	6.9	13.7	8.2
2025-03-27 09:00:00	4.7	32.9	6.9	13.7	8.3
2025-03-27 09:15:00	4.7	32.9	6.8	13.7	11.0
2025-03-27 09:30:00	4.7	32.8	6.9	13.8	9.5
2025-03-27 09:45:00	4.6	32.4	6.9	13.8	10.7
2025-03-27 10:00:00	4.6	32.3	6.8	13.8	10.2
2025-03-27 10:15:00	4.6	32.2	6.8	13.9	14.8
2025-03-27 10:30:00	4.6	32.0	7.0	13.9	14.0
2025-03-27 10:45:00	4.6	31.8	6.9	13.9	15.9
2025-03-27 11:00:00	4.5	31.7	6.9	13.9	14.6
2025-03-27 11:15:00	4.5	31.8	7.0	13.9	15.2
2025-03-27 11:30:00	4.5	32.1	7.0	14.0	16.9
2025-03-27 11:45:00	4.5	32.1	6.9	14.0	12.9
2025-03-27 12:00:00	4.4	31.8	6.8	14.1	21.8
2025-03-27 12:15:00	4.4	31.2	7.0	14.1	18.4
2025-03-27 12:30:00	4.4	31.1	6.9	14.1	20.4
2025-03-27 12:45:00	4.4	31.0	7.0	14.2	34.1
2025-03-27 13:00:00	4.4	31.3	6.9	14.2	20.4
2025-03-27 13:15:00	4.3	31.2	6.9	14.2	38.1
2025-03-27 13:30:00	4.3	31.1	6.8	14.2	27.5
2025-03-27 13:45:00	4.3	30.2	7.0	14.3	24.3
2025-03-27 14:00:00	4.2	30.1	6.9	14.3	33.3
2025-03-27 14:15:00	4.2	30.0	6.9	14.3	36.7
2025-03-27 14:30:00	4.2	29.5	6.8	14.3	51.0
2025-03-27 14:45:00	4.2	29.1	6.8	14.4	56.4
2025-03-27 15:00:00	4.1	28.9	6.8	14.4	55.0
2025-03-27 15:15:00	4.1	28.5	6.8	14.4	55.6
2025-03-27 15:30:00	4.1	28.3	6.9	14.5	42.4
2025-03-27 15:45:00	4.0	28.0	6.8	14.5	63.5
2025-03-27 16:00:00	4.0	28.0	6.9	14.5	51.9
2025-03-27 16:15:00	4.0	27.7	6.8	14.6	58.2
2025-03-27 16:30:00	3.9	27.4	6.8	14.6	68.5
2025-03-27 16:45:00	3.9	27.2	6.8	14.6	57.3
2025-03-27 17:00:00	3.9	26.8	6.8	14.6	57.1

	Squamish River				
Date/Time	Temperature (ºC)	Specific Conductivity (µS/cm)	pH	Dissolved Oxygen (mg/L)	Turbidity (NTU)
2025-03-27 17:15:00	3.9	26.6	6.7	14.7	70.1
2025-03-27 17:30:00	3.9	26.3	6.7	14.7	71.9
2025-03-27 17:45:00	3.9	26.4	6.8	14.7	73.2
2025-03-27 18:00:00	3.9	26.3	6.8	14.7	73.6
2025-03-27 18:15:00	4.0	26.0	6.7	14.7	69.3
2025-03-27 18:30:00	3.9	25.8	6.7	14.8	80.8
2025-03-27 18:45:00	3.9	25.8	6.7	14.7	54.6
2025-03-27 19:00:00	4.0	25.7	6.8	14.7	60.5
2025-03-27 19:15:00	4.1	25.6	6.9	14.7	47.1
2025-03-27 19:30:00	4.1	25.5	6.7	14.7	57.6
2025-03-27 19:45:00	4.1	25.4	6.9	14.7	57.4
2025-03-27 20:00:00	4.2	25.3	6.7	14.7	54.4
2025-03-27 20:15:00	4.3	25.3	6.8	14.7	54.3
2025-03-27 20:30:00	4.4	25.3	6.8	14.7	45.8
2025-03-27 20:45:00	4.5	25.3	6.9	14.6	48.9
2025-03-27 21:00:00	4.5	25.3	6.7	14.6	44.3
2025-03-27 21:15:00	4.5	25.4	6.9	14.6	38.9
2025-03-27 21:30:00	4.5	25.4	6.8	14.6	45.1
2025-03-27 21:45:00	4.5	25.4	6.8	14.6	38.2
2025-03-27 22:00:00	4.5	25.2	6.8	14.5	39.6
2025-03-27 22:15:00	4.5	25.3	6.8	14.5	28.8
2025-03-27 22:30:00	4.5	25.6	6.7	14.5	26.5
2025-03-27 22:45:00	4.5	25.4	6.7	14.5	33.6
2025-03-27 23:00:00	4.6	25.5	6.7	14.4	35.0
2025-03-27 23:15:00	4.6	25.5	6.8	14.4	30.7
2025-03-27 23:30:00	4.6	25.5	6.7	14.4	26.6
2025-03-27 23:45:00	4.7	25.5	6.8	14.4	29.8
2025-03-28 00:00:00	4.7	25.5	6.9	14.4	26.4
2025-03-28 00:15:00	4.7	25.8	6.7	14.4	21.9
2025-03-28 00:30:00	4.7	25.7	6.7	14.3	26.3
2025-03-28 00:45:00	4.7	25.6	6.8	14.3	26.8
2025-03-28 01:00:00	4.7	25.7	6.8	14.3	24.8
2025-03-28 01:15:00	4.7	26.0	6.8	14.3	30.2
2025-03-28 01:30:00	4.7	26.0	6.8	14.3	26.9
2025-03-28 01:45:00	4.6	26.1	6.8	14.3	23.4
2025-03-28 02:00:00	4.6	26.3	6.9	14.2	21.3
2025-03-28 02:15:00	4.6	26.1	6.8	14.2	19.9
2025-03-28 02:30:00	4.6	26.3	6.8	14.2	22.1
2025-03-28 02:45:00	4.6	26.4	6.8	14.2	18.6
2025-03-28 03:00:00	4.6	26.4	6.8	14.2	21.6
2025-03-28 03:15:00	4.6	26.5	6.8	14.2	18.1
2025-03-28 03:30:00	4.6	26.8	6.7	14.2	18.5
2025-03-28 03:45:00	4.5	26.7	6.8	14.2	17.6
2025-03-28 04:00:00	4.5	26.9	6.8	14.2	17.0
2025-03-28 04:15:00	4.5	26.9	6.9	14.2	15.3
2025-03-28 04:30:00	4.5	26.9	6.8	14.2	17.6
2025-03-28 04:45:00	4.5	27.1	6.7	14.2	16.8
2025-03-28 05:00:00	4.5	27.2	6.8	14.2	12.0
2025-03-28 05:15:00	4.5	27.1	6.8	14.2	15.0
2025-03-28 05:30:00	4.4	27.3	6.9	14.2	16.9
2025-03-28 05:45:00	4.4	27.4	6.7	14.2	13.4

	Squamish River				
Date/Time	Temperature (ºC)	Specific Conductivity (µS/cm)	pH	Dissolved Oxygen (mg/L)	Turbidity (NTU)
2025-03-28 06:00:00	4.4	27.4	6.8	14.2	11.7
2025-03-28 06:15:00	4.4	27.6	6.7	14.2	13.0
2025-03-28 06:30:00	4.4	27.5	6.8	14.2	12.4
2025-03-28 06:45:00	4.4	27.6	6.8	14.2	13.8
2025-03-28 07:00:00	4.3	27.4	6.8	14.2	12.0
2025-03-28 07:15:00	4.3	27.2	6.8	14.2	12.7
2025-03-28 07:30:00	4.3	27.6	6.8	14.2	12.9
2025-03-28 07:45:00	4.3	27.6	6.8	14.1	18.7
2025-03-28 08:00:00	4.3	27.7	6.9	14.2	12.6
2025-03-28 08:15:00	4.3	27.6	6.8	14.2	12.4
2025-03-28 08:30:00	4.3	27.8	6.8	14.1	12.8
2025-03-28 08:45:00	4.3	27.7	6.8	14.2	12.5
2025-03-28 09:00:00	4.3	28.0	6.8	14.1	13.3
2025-03-28 09:15:00	4.3	27.8	6.7	14.1	13.1
2025-03-28 09:30:00	4.3	28.2	6.8	14.1	13.1
2025-03-28 09:45:00	4.2	28.5	6.9	14.1	10.1
2025-03-28 10:00:00	4.2	27.9	6.8	14.1	10.3
2025-03-28 10:15:00	4.2	28.3	6.8	14.1	11.3
2025-03-28 10:30:00	4.2	28.2	6.8	14.1	19.0
2025-03-28 10:45:00	4.2	28.1	6.8	14.1	15.6
2025-03-28 11:00:00	4.2	28.3	6.8	14.1	10.5
2025-03-28 11:15:00	4.2	28.2	6.9	14.1	9.9
2025-03-28 11:30:00	4.2	28.3	6.9	14.1	11.4
2025-03-28 11:45:00	4.2	28.5	6.8	14.1	8.1
2025-03-28 12:00:00	4.2	28.5	6.7	14.1	12.0
2025-03-28 12:15:00	4.2	28.5	6.8	14.1	9.5
2025-03-28 12:30:00	4.2	28.7	6.9	14.1	10.6
2025-03-28 12:45:00	4.2	29.2	6.8	14.1	7.8
2025-03-28 13:00:00	4.2	29.3	6.8	14.1	9.1
2025-03-28 13:15:00	4.2	29.4	6.7	14.1	11.3
2025-03-28 13:30:00	4.2	29.3	6.8	14.1	11.4
2025-03-28 13:45:00	4.2	29.4	6.8	14.1	12.3
2025-03-28 14:00:00	4.2	29.5	6.8	14.1	7.9
2025-03-28 14:15:00	4.2	29.4	6.8	14.1	9.0
2025-03-28 14:30:00	4.2	29.8	6.8	14.1	8.0
2025-03-28 14:45:00	4.2	29.8	6.6	14.1	16.1
2025-03-28 15:00:00	4.2	30.1	6.8	14.1	7.3
2025-03-28 15:15:00	4.2	30.3	6.8	14.1	7.6
2025-03-28 15:30:00	4.3	30.3	6.7	14.1	11.5
2025-03-28 15:45:00	4.3	30.4	6.9	14.1	6.1
2025-03-28 16:00:00	4.3	30.5	6.8	14.1	10.9
2025-03-28 16:15:00	4.3	30.7	6.7	14.0	11.5
2025-03-28 16:30:00	4.3	30.8	6.8	14.1	6.3
2025-03-28 16:45:00	4.3	30.6	6.8	14.1	8.5
2025-03-28 17:00:00	4.3	30.8	6.8	14.1	6.5
2025-03-28 17:15:00	4.4	30.8	6.8	14.1	8.3
2025-03-28 17:30:00	4.4	30.7	6.7	14.1	13.2
2025-03-28 17:45:00	4.4	30.8	6.8	14.1	13.6
2025-03-28 18:00:00	4.5	30.9	6.9	14.1	9.3
2025-03-28 18:15:00	4.5	30.7	6.9	14.1	7.2
2025-03-28 18:30:00	4.5	30.8	6.8	14.1	6.6

	Squamish River				
Date/Time	Temperature (ºC)	Specific Conductivity (µS/cm)	pH	Dissolved Oxygen (mg/L)	Turbidity (NTU)
2025-03-28 18:45:00	4.6	30.6	6.9	14.1	8.8
2025-03-28 19:00:00	4.6	30.5	6.8	14.1	10.6
2025-03-28 19:15:00	4.6	30.6	6.9	14.1	7.6
2025-03-28 19:30:00	4.7	30.6	6.8	14.1	10.7
2025-03-28 19:45:00	4.7	30.8	6.8	14.1	6.8
2025-03-28 20:00:00	4.7	30.9	6.8	14.1	5.9
2025-03-28 20:15:00	4.7	30.8	6.9	14.1	6.6
2025-03-28 20:30:00	4.7	30.7	6.8	14.1	7.6
2025-03-28 20:45:00	4.7	30.7	6.9	14.1	8.2
2025-03-28 21:00:00	4.8	30.7	6.8	14.1	4.6
2025-03-28 21:15:00	4.8	30.8	6.9	14.0	8.3
2025-03-28 21:30:00	4.8	30.8	6.9	14.0	6.1
2025-03-28 21:45:00	4.8	30.9	6.9	14.0	6.8
2025-03-28 22:00:00	4.9	30.8	6.8	14.0	7.8
2025-03-28 22:15:00	4.9	30.7	6.9	14.0	7.6
2025-03-28 22:30:00	4.9	30.8	6.8	14.0	8.7
2025-03-28 22:45:00	4.9	30.7	6.9	14.0	5.9
2025-03-28 23:00:00	4.9	30.5	6.9	14.0	6.9
2025-03-28 23:15:00	4.9	30.6	6.9	14.0	6.8
2025-03-28 23:30:00	4.9	30.7	7.0	14.0	7.2
2025-03-28 23:45:00	4.9	30.7	6.9	14.0	6.9
2025-03-29 00:00:00	4.9	30.6	6.8	14.0	5.0
2025-03-29 00:15:00	4.9	31.0	6.9	14.0	7.1
2025-03-29 00:30:00	5.0	31.0	6.9	14.0	5.2
2025-03-29 00:45:00	5.0	31.1	7.0	13.9	6.1
2025-03-29 01:00:00	5.0	31.3	6.9	13.9	7.6
2025-03-29 01:15:00	5.0	31.3	6.8	13.9	6.8
2025-03-29 01:30:00	5.0	31.6	6.9	13.9	5.2
2025-03-29 01:45:00	5.0	31.4	6.9	13.9	4.6
2025-03-29 02:00:00	5.0	31.6	6.8	13.9	5.7
2025-03-29 02:15:00	5.0	31.9	6.9	13.9	5.2
2025-03-29 02:30:00	5.0	32.4	6.8	13.9	5.5
2025-03-29 02:45:00	4.9	32.3	6.9	13.9	4.1
2025-03-29 03:00:00	4.9	32.3	6.8	13.9	5.1
2025-03-29 03:15:00	4.9	32.5	6.8	13.9	8.2
2025-03-29 03:30:00	4.9	32.4	6.9	13.9	6.0
2025-03-29 03:45:00	4.9	32.3	6.7	13.8	5.4
2025-03-29 04:00:00	4.8	32.3	6.8	13.9	4.6
2025-03-29 04:15:00	4.8	32.4	6.9	13.9	4.1
2025-03-29 04:30:00	4.8	32.5	6.8	13.9	6.0
2025-03-29 04:45:00	4.8	32.4	6.8	13.9	5.9
2025-03-29 05:00:00	4.8	32.2	6.8	13.9	6.5
2025-03-29 05:15:00	4.7	32.3	6.8	13.9	7.7
2025-03-29 05:30:00	4.7	32.4	6.9	13.9	5.6
2025-03-29 05:45:00	4.7	32.3	6.8	13.9	4.2
2025-03-29 06:00:00	4.7	32.3	6.8	13.9	3.8
2025-03-29 06:15:00	4.6	32.0	6.9	14.0	5.3
2025-03-29 06:30:00	4.6	32.0	6.8	14.0	4.5
2025-03-29 06:45:00	4.6	32.3	6.9	14.0	5.3
2025-03-29 07:00:00	4.6	32.1	6.9	14.0	4.6
2025-03-29 07:15:00	4.6	32.0	6.8	14.0	4.0

	Squamish River				
Date/Time	Temperature (ºC)	Specific Conductivity (µS/cm)	pH	Dissolved Oxygen (mg/L)	Turbidity (NTU)
2025-03-29 07:30:00	4.6	32.0	6.9	14.0	6.4
2025-03-29 07:45:00	4.6	32.0	6.8	14.0	5.7
2025-03-29 08:00:00	4.5	32.0	6.9	14.0	3.8
2025-03-29 08:15:00	4.5	32.3	6.9	14.0	5.6
2025-03-29 08:30:00	4.5	32.2	6.7	14.0	4.6
2025-03-29 08:45:00	4.5	32.1	6.9	14.0	3.5
2025-03-29 09:00:00	4.5	32.2	6.9	14.0	6.2
2025-03-29 09:15:00	4.5	32.1	6.8	14.0	4.8
2025-03-29 09:30:00	4.5	32.1	6.9	14.0	4.3
2025-03-29 09:45:00	4.5	32.1	6.9	14.0	4.8
2025-03-29 10:00:00	4.5	32.0	6.9	14.1	5.3
2025-03-29 10:15:00	4.4	32.1	6.7	14.0	4.6
2025-03-29 10:30:00	4.4	32.2	6.9	14.1	4.1
2025-03-29 10:45:00	4.4	31.9	6.8	14.1	4.5
2025-03-29 11:00:00	4.4	31.7	6.8	14.1	6.2
2025-03-29 11:15:00	4.4	31.5	6.9	14.1	3.4
2025-03-29 11:30:00	4.4	31.1	6.9	14.1	3.7
2025-03-29 11:45:00	4.4	30.8	6.8	14.1	3.7
2025-03-29 12:00:00	4.3	30.6	7.0	14.2	4.8
2025-03-29 12:15:00	4.3	30.5	6.7	14.2	4.7
2025-03-29 12:30:00	4.3	30.4	6.8	14.2	3.7
2025-03-29 12:45:00	4.3	30.5	7.0	14.2	3.9
2025-03-29 13:00:00	4.3	30.2	6.8	14.2	5.9
2025-03-29 13:15:00	4.2	30.2	6.9	14.2	4.4
2025-03-29 13:30:00	4.2	30.3	6.9	14.2	4.4
2025-03-29 13:45:00	4.2	30.7	6.9	14.2	3.1
2025-03-29 14:00:00	4.2	31.0	6.8	14.2	4.2
2025-03-29 14:15:00	4.2	31.2	6.8	14.2	4.0
2025-03-29 14:30:00	4.2	31.4	6.7	14.2	5.5
2025-03-29 14:45:00	4.2	31.6	6.9	14.2	5.6
2025-03-29 15:00:00	4.2	31.3	6.9	14.2	3.9
2025-03-29 15:15:00	4.2	31.1	6.9	14.2	2.6
2025-03-29 15:30:00	4.2	31.3	7.0	14.2	4.7
2025-03-29 15:45:00	4.3	31.5	6.8	14.2	3.0
2025-03-29 16:00:00	4.3	31.8	6.9	14.1	3.8
2025-03-29 16:15:00	4.3	31.9	6.8	14.1	4.5
2025-03-29 16:30:00	4.3	31.9	6.8	14.1	3.6
2025-03-29 16:45:00	4.4	31.9	6.7	14.1	5.3
2025-03-29 17:00:00	4.4	31.8	6.8	14.1	5.0
2025-03-29 17:15:00	4.4	32.0	6.8	14.1	4.9
2025-03-29 17:30:00	4.5	32.0	6.8	14.1	4.3
2025-03-29 17:45:00	4.5	32.1	6.8	14.1	5.3
2025-03-29 18:00:00	4.5	32.0	6.8	14.1	4.8
2025-03-29 18:15:00	4.6	32.1	6.7	14.1	5.5
2025-03-29 18:30:00	4.6	31.9	6.7	14.1	3.2
2025-03-29 18:45:00	4.7	31.9	6.8	14.0	3.4
2025-03-29 19:00:00	4.7	32.2	6.7	14.0	4.7
2025-03-29 19:15:00	4.8	31.9	6.7	14.0	5.4
2025-03-29 19:30:00	4.8	32.0	6.8	14.0	4.9
2025-03-29 19:45:00	4.8	32.3	6.9	14.0	7.5
2025-03-29 20:00:00	4.9	32.2	6.8	14.0	3.6

	Squamish River				
Date/Time	Temperature (ºC)	Specific Conductivity (µS/cm)	pH	Dissolved Oxygen (mg/L)	Turbidity (NTU)
2025-03-29 20:15:00	4.9	32.3	6.9	14.0	3.8
2025-03-29 20:30:00	5.0	32.2	6.9	14.0	3.6
2025-03-29 20:45:00	5.0	32.2	7.0	14.0	3.2
2025-03-29 21:00:00	5.1	32.3	6.9	13.9	4.4
2025-03-29 21:15:00	5.1	32.6	6.9	13.9	5.1
2025-03-29 21:30:00	5.1	32.9	7.0	13.9	3.5
2025-03-29 21:45:00	5.2	32.9	7.0	13.9	3.8
2025-03-29 22:00:00	5.2	33.4	7.0	13.9	3.0
2025-03-29 22:15:00	5.2	33.7	7.0	13.9	3.6
2025-03-29 22:30:00	5.3	34.0	7.0	13.9	2.9
2025-03-29 22:45:00	5.3	34.2	7.0	13.8	4.3
2025-03-29 23:00:00	5.4	34.4	7.0	13.8	3.6
2025-03-29 23:15:00	5.4	34.4	6.8	13.8	5.4
2025-03-29 23:30:00	5.4	34.4	7.0	13.8	4.2
2025-03-29 23:45:00	5.5	34.4	7.0	13.8	4.6
2025-03-30 00:00:00	5.5	34.5	6.9	13.8	3.6
2025-03-30 00:15:00	5.5	34.3	6.8	13.8	5.4
2025-03-30 00:30:00	5.5	34.1	6.9	13.8	6.1
2025-03-30 00:45:00	5.4	34.0	7.1	13.8	4.8
2025-03-30 01:00:00	5.4	34.0	6.9	13.8	4.6
2025-03-30 01:15:00	5.4	34.0	7.0	13.8	5.0
2025-03-30 01:30:00	5.4	34.0	7.1	13.7	3.0
2025-03-30 01:45:00	5.3	34.6	7.0	13.7	5.3
2025-03-30 02:00:00	5.3	34.9	7.0	13.7	3.8
2025-03-30 02:15:00	5.3	35.3	7.1	13.7	4.1
2025-03-30 02:30:00	5.3	35.3	7.1	13.7	3.1
2025-03-30 02:45:00	5.3	35.7	7.0	13.7	3.9
2025-03-30 03:00:00	5.3	36.0	7.0	13.6	4.1
2025-03-30 03:15:00	5.3	36.4	6.9	13.6	6.8
2025-03-30 03:30:00	5.2	36.6	7.0	13.6	5.3
2025-03-30 03:45:00	5.2	36.5	6.8	13.5	5.6
2025-03-30 04:00:00	5.2	36.4	6.9	13.5	4.9
2025-03-30 04:15:00	5.2	36.4	6.9	13.5	6.1
2025-03-30 04:30:00	5.2	36.7	6.8	13.5	4.2
2025-03-30 04:45:00	5.2	36.7	6.9	13.5	4.4
2025-03-30 05:00:00	5.1	36.6	6.9	13.5	3.4
2025-03-30 05:15:00	5.1	36.4	6.9	13.5	3.4
2025-03-30 05:30:00	5.1	36.7	6.9	13.5	4.5
2025-03-30 05:45:00	5.1	36.9	6.9	13.5	3.5
2025-03-30 06:00:00	5.1	36.5	7.0	13.5	4.6
2025-03-30 06:15:00	5.0	36.4	6.9	13.5	3.1
2025-03-30 06:30:00	5.0	36.8	6.9	13.5	3.7
2025-03-30 06:45:00	5.0	36.9	7.0	13.5	4.9
2025-03-30 07:00:00	4.9	36.8	6.9	13.5	6.4
2025-03-30 07:15:00	4.9	37.0	7.0	13.5	3.4
2025-03-30 07:30:00	4.9	37.0	6.9	13.6	3.7
2025-03-30 07:45:00	4.9	37.1	7.0	13.6	2.7
2025-03-30 08:00:00	4.8	37.0	7.0	13.6	3.5
2025-03-30 08:15:00	4.8	36.9	7.0	13.6	3.4
2025-03-30 08:30:00	4.7	37.1	7.0	13.6	3.4
2025-03-30 08:45:00	4.7	37.1	7.0	13.6	2.9

	Squamish River				
Date/Time	Temperature (ºC)	Specific Conductivity (µS/cm)	pH	Dissolved Oxygen (mg/L)	Turbidity (NTU)
2025-03-30 09:00:00	4.7	37.0	7.0	13.6	4.0
2025-03-30 09:15:00	4.6	37.0	7.0	13.6	3.5
2025-03-30 09:30:00	4.6	37.0	7.0	13.6	2.7
2025-03-30 09:45:00	4.6	37.2	7.0	13.6	3.5
2025-03-30 10:00:00	4.5	37.3	7.0	13.6	4.1
2025-03-30 10:15:00	4.5	37.2	7.0	13.6	6.4
2025-03-30 10:30:00	4.4	37.3	7.0	13.7	3.4
2025-03-30 10:45:00	4.4	37.2	7.0	13.7	2.9
2025-03-30 11:00:00	4.4	37.3	7.0	13.7	2.8
2025-03-30 11:15:00	4.3	37.3	7.0	13.7	2.5
2025-03-30 11:30:00	4.3	37.3	7.0	13.7	3.8
2025-03-30 11:45:00	4.3	37.2	7.0	13.7	2.3
2025-03-30 12:00:00	4.2	37.1	7.0	13.7	4.1
2025-03-30 12:15:00	4.2	37.0	7.1	13.8	2.7
2025-03-30 12:30:00	4.1	36.8	7.0	13.8	3.0
2025-03-30 12:45:00	4.1	36.7	7.1	13.8	2.6
2025-03-30 13:00:00	4.1	36.8	7.1	13.8	2.3
2025-03-30 13:15:00	4.0	36.8	7.1	13.8	2.3
2025-03-30 13:30:00	4.0	36.8	7.0	13.8	3.6
2025-03-30 13:45:00	3.9	36.8	7.0	13.9	2.2
2025-03-30 14:00:00	3.9	36.7	7.1	13.9	2.1
2025-03-30 14:15:00	3.9	37.2	7.1	13.9	3.5
2025-03-30 14:30:00	3.9	38.1	7.0	13.9	2.3
2025-03-30 14:45:00	3.9	38.7	7.0	13.8	2.2
2025-03-30 15:00:00	3.9	39.2	7.0	13.8	2.7
2025-03-30 15:15:00	3.8	39.3	7.0	13.9	2.1
2025-03-30 15:30:00	3.9	40.0	7.0	13.8	2.2
2025-03-30 15:45:00	3.9	40.0	7.0	13.7	2.5
2025-03-30 16:00:00	4.0	40.2	7.0	13.7	2.7
2025-03-30 16:15:00	4.0	40.3	7.0	13.7	4.4
2025-03-30 16:30:00	4.0	40.0	7.0	13.7	2.4
2025-03-30 16:45:00	4.1	40.2	6.9	13.7	3.7
2025-03-30 17:00:00	4.2	39.9	7.0	13.7	2.5
2025-03-30 17:15:00	4.2	39.8	6.9	13.7	3.3
2025-03-30 17:30:00	4.3	40.2	6.9	13.7	5.0
2025-03-30 17:45:00	4.4	40.4	6.9	13.6	4.1
2025-03-30 18:00:00	4.5	40.1	6.7	13.6	6.9
2025-03-30 18:15:00	4.6	40.1	6.9	13.6	4.5
2025-03-30 18:30:00	4.6	39.8	6.9	13.6	2.7
2025-03-30 18:45:00	4.7	39.7	6.9	13.6	6.2
2025-03-30 19:00:00	4.8	39.7	6.9	13.6	3.7
2025-03-30 19:15:00	4.8	39.5	6.9	13.6	4.0
2025-03-30 19:30:00	4.9	39.2	6.9	13.6	4.6
2025-03-30 19:45:00	5.0	39.4	6.9	13.6	3.5
2025-03-30 20:00:00	5.1	39.2	6.9	13.6	2.8
2025-03-30 20:15:00	5.1	39.4	6.9	13.6	3.7
2025-03-30 20:30:00	5.2	39.3	7.0	13.6	3.8
2025-03-30 20:45:00	5.2	39.3	7.0	13.5	3.3
2025-03-30 21:00:00	5.3	39.4	6.9	13.5	3.9
2025-03-30 21:15:00	5.3	39.4	6.9	13.5	3.0
2025-03-30 21:30:00	5.4	39.5	6.9	13.5	2.8

	Squamish River				
Date/Time	Temperature (ºC)	Specific Conductivity (µS/cm)	pH	Dissolved Oxygen (mg/L)	Turbidity (NTU)
2025-03-30 21:45:00	5.4	39.6	7.0	13.5	3.7
2025-03-30 22:00:00	5.5	39.6	6.9	13.4	2.9
2025-03-30 22:15:00	5.6	39.6	6.9	13.4	2.9
2025-03-30 22:30:00	5.6	39.7	7.0	13.4	2.8
2025-03-30 22:45:00	5.6	39.6	6.9	13.4	4.6
2025-03-30 23:00:00	5.7	39.6	6.9	13.4	3.9
2025-03-30 23:15:00	5.7	39.7	7.0	13.3	3.6
2025-03-30 23:30:00	5.7	39.8	6.9	13.3	3.1
2025-03-30 23:45:00	5.7	39.8	7.0	13.3	3.6
2025-03-24 00:00:00	4.5	60.3	7.1		1.2
2025-03-24 00:15:00	4.5	60.1	7.1		1.7
2025-03-24 00:30:00	4.5	59.7	7.1		1.3
2025-03-24 00:45:00	4.5	59.4	7.1		1.9
2025-03-24 01:00:00	4.4	58.4	7.1		0.8
2025-03-24 01:15:00	4.4	57.8	7.1		3.0
2025-03-24 01:30:00	4.4	57.9	7.1		0.9
2025-03-24 01:45:00	4.3	57.3	7.1		0.1
2025-03-24 02:00:00	4.3	56.9	7.1		1.5
2025-03-24 02:15:00	4.3	56.5	7.1		1.3
2025-03-24 02:30:00	4.3	56.2	7.1		1.8
2025-03-24 02:45:00	4.3	56.6	7.1		0.9
2025-03-24 03:00:00	4.3	55.8	7.1		1.4
2025-03-24 03:15:00	4.3	56.2	7.1		0.8
2025-03-24 03:30:00	4.2	55.1	7.1		0.5
2025-03-24 03:45:00	4.2	54.4	7.1		2.4
2025-03-24 04:00:00	4.2	54.5	7.1		1.4
2025-03-24 04:15:00	4.2	54.6	7.1		1.0
2025-03-24 04:30:00	4.2	54.1	7.0		1.8
2025-03-24 04:45:00	4.2	54.3	7.1		1.2
2025-03-24 05:00:00	4.2	54.7	7.1		0.9
2025-03-24 05:15:00	4.2	54.3	7.1		0.9
2025-03-24 05:30:00	4.2	54.5	7.1		1.6
2025-03-24 05:45:00	4.2	53.9	7.1		1.3
2025-03-24 06:00:00	4.2	53.6	7.1		1.5
2025-03-24 06:15:00	4.2	55.0	7.1		0.6
2025-03-24 06:30:00	4.2	53.7	7.1		0.7
2025-03-24 06:45:00	4.2	53.5	7.1		1.5
2025-03-24 07:00:00	4.2	54.3	7.1		0.8
2025-03-24 07:15:00	4.2	53.9	7.1		4.3
2025-03-24 07:30:00	4.2	52.4	7.1		5.2
2025-03-24 07:45:00	4.2	53.2	7.1		2.0
2025-03-24 08:00:00	4.1	51.9	7.2		1.1
2025-03-24 08:15:00	4.1	51.0	7.2		1.0
2025-03-24 08:30:00	4.1	49.1	7.1		2.0
2025-03-24 08:45:00	4.1	48.7	7.2		1.1
2025-03-24 09:00:00	4.1	48.8	7.2		1.8
2025-03-24 09:15:00	4.1	49.4	7.2		25.5
2025-03-24 09:30:00	4.1	50.0	7.2		1.4
2025-03-24 09:45:00	4.1	49.6	7.2		0.5
2025-03-24 10:00:00	4.1	49.9	7.2		0.6
2025-03-24 10:15:00	4.1	49.8	7.2		1.7

	Squamish River				
Date/Time	Temperature (ºC)	Specific Conductivity (µS/cm)	pH	Dissolved Oxygen (mg/L)	Turbidity (NTU)
2025-03-24 10:30:00	4.1	48.7	7.2		0.9
2025-03-24 10:45:00	4.1	48.2	7.2		1.0
2025-03-24 11:00:00	4.1	47.8	7.2		1.4
2025-03-24 11:15:00	4.1	48.2	7.1		1.0
2025-03-24 11:30:00	4.1	49.7	7.2		3.5
2025-03-24 11:45:00	4.1	50.6	7.2		0.5
2025-03-24 12:00:00	4.1	50.9	7.2		1.1
2025-03-24 12:15:00	4.1	49.9	7.2		1.3
2025-03-24 12:30:00	4.1	49.9	7.1		0.6
2025-03-24 12:45:00	4.1	51.1	7.1		3.8
2025-03-24 13:00:00	4.1	50.9	7.1		1.3
2025-03-24 13:15:00	4.1	50.0	7.1		0.7
2025-03-24 13:30:00	4.1	49.7	7.1		0.8
2025-03-24 13:45:00	4.1	50.0	7.1		1.4
2025-03-24 14:00:00	4.1	49.4	7.1		0.5
2025-03-24 14:15:00	4.1	49.2	7.1		1.0
2025-03-24 14:30:00	4.1	49.0	7.0		1.0
2025-03-24 14:45:00	4.1	48.6	7.1		2.0
2025-03-24 15:00:00	4.1	48.6	7.1		2.0
2025-03-24 15:15:00	4.1	48.3	7.0		1.2
2025-03-24 15:30:00	4.1	48.4	7.1		2.2
2025-03-24 15:45:00	4.1	48.6	7.1		3.0
2025-03-24 16:00:00	4.1	48.3	7.0		1.5
2025-03-24 16:15:00	4.1	49.1	7.1		1.1
2025-03-24 16:30:00	4.1	47.8	7.0		0.5
2025-03-24 16:45:00	4.1	48.2	7.1		3.0
2025-03-24 17:00:00	4.1	48.2	7.1		0.8
2025-03-24 17:15:00	4.2	48.4	7.1		4.4
2025-03-24 17:30:00	4.2	48.2	7.1		1.6
2025-03-24 17:45:00	4.2	48.0	7.0		2.3
2025-03-24 18:00:00	4.2	48.0	7.1		5.7
2025-03-24 18:15:00	4.2	47.6	7.0		2.3
2025-03-24 18:30:00	4.2	47.5	7.1		1.5
2025-03-24 18:45:00	4.3	47.7	7.1		1.8
2025-03-24 19:00:00	4.3	47.7	7.1		2.6
2025-03-24 19:15:00	4.3	47.2	7.1		0.7
2025-03-24 19:30:00	4.3	47.6	7.1		0.4
2025-03-24 19:45:00	4.3	48.0	7.1		2.3
2025-03-24 20:00:00	4.4	48.1	7.1		1.3
2025-03-24 20:15:00	4.4	48.2	7.1		1.5
2025-03-24 20:30:00	4.5	48.0	7.1		2.1
2025-03-24 20:45:00	4.5	48.4	7.1		2.8
2025-03-24 21:00:00	4.6	47.7	7.1		2.7
2025-03-24 21:15:00	4.6	48.5	7.1		3.4
2025-03-24 21:30:00	4.7	47.9	7.1		2.9
2025-03-24 21:45:00	4.7	48.6	7.0		2.0
2025-03-24 22:00:00	4.8	48.4	7.1		1.5
2025-03-24 22:15:00	4.8	48.1	7.1		2.5
2025-03-24 22:30:00	4.9	48.6	7.1		1.7
2025-03-24 22:45:00	4.9	48.2	7.1		2.3
2025-03-24 23:00:00	4.9	48.8	7.1		3.0

	Squamish River				
Date/Time	Temperature (ºC)	Specific Conductivity (µS/cm)	pH	Dissolved Oxygen (mg/L)	Turbidity (NTU)
2025-03-24 23:15:00	4.8	47.9	7.1		2.6
2025-03-24 23:30:00	4.8	47.3	7.1		1.4
2025-03-24 23:45:00	4.8	48.1	7.1		1.5
2025-03-25 00:00:00	4.8	48.5	7.1		2.1
2025-03-25 00:15:00	4.8	47.8	7.1		1.8
2025-03-25 00:30:00	4.8	48.6	7.1		1.2
2025-03-25 00:45:00	4.8	47.8	7.1		1.3
2025-03-25 01:00:00	4.8	47.8	7.1		2.6
2025-03-25 01:15:00	4.8	48.6	7.1		1.8
2025-03-25 01:30:00	4.8	47.9	7.1		1.2
2025-03-25 01:45:00	4.8	48.1	7.1		1.1
2025-03-25 02:00:00	4.8	48.1	7.1		0.9
2025-03-25 02:15:00	4.8	47.9	7.1		1.9
2025-03-25 02:30:00	4.8	48.6	7.1		0.6
2025-03-25 02:45:00	4.8	47.5	7.0		1.1
2025-03-25 03:00:00	4.8	48.5	7.1		0.6
2025-03-25 03:15:00	4.8	48.3	7.1		6.0
2025-03-25 03:30:00	4.8	47.7	7.1		1.0
2025-03-25 03:45:00	4.8	48.5	7.1		0.9
2025-03-25 04:00:00	4.8	48.2	7.0		1.3
2025-03-25 04:15:00	4.8	48.2	7.1		1.1
2025-03-25 04:30:00	4.8	48.0	7.1		0.9
2025-03-25 04:45:00	4.8	48.8	7.1		0.7
2025-03-25 05:00:00	4.8	48.2	7.0		1.7
2025-03-25 05:15:00	4.7	47.5	7.0		2.2
2025-03-25 05:30:00	4.7	47.6	7.0		1.4
2025-03-25 05:45:00	4.7	47.9	7.1		0.7
2025-03-25 06:00:00	4.7	47.5	7.1		2.0
2025-03-25 06:15:00	4.7	47.4	7.1		1.3
2025-03-25 06:30:00	4.7	46.8	7.1		1.0
2025-03-25 06:45:00	4.7	47.0	7.1		1.5
2025-03-25 07:00:00	4.7	47.0	7.1		2.1
2025-03-25 07:15:00	4.7	47.0	7.0		1.4
2025-03-25 07:30:00	4.6	46.9	7.1		1.8
2025-03-25 07:45:00	4.6	46.4	7.1		1.5
2025-03-25 08:00:00	4.6	46.3	7.1		0.9
2025-03-25 08:15:00	4.6	46.3	7.1		2.6
2025-03-25 08:30:00	4.6	45.6	7.1		1.1
2025-03-25 08:45:00	4.5	45.1	7.1		1.6
2025-03-25 09:00:00	4.5	44.4	7.1		1.6
2025-03-25 09:15:00	4.5	44.1	7.1		1.3
2025-03-25 09:30:00	4.5	43.8	7.1		1.1
2025-03-25 09:45:00	4.5	44.9	7.1		1.1
2025-03-25 10:00:00	4.5	45.1	7.2		11.7
2025-03-25 10:15:00	4.5	44.4	7.2		1.6
2025-03-25 10:30:00	4.4	43.7	7.2		2.0
2025-03-25 10:45:00	4.4	43.7	7.2		0.8
2025-03-25 11:00:00	4.4	43.4	7.2		1.4
2025-03-25 11:15:00	4.4	43.2	7.2		2.2
2025-03-25 11:30:00	4.3	42.9	7.2		1.2
2025-03-25 11:45:00	4.3	42.9	7.2		2.0

	Squamish River				
Date/Time	Temperature (ºC)	Specific Conductivity (µS/cm)	pH	Dissolved Oxygen (mg/L)	Turbidity (NTU)
2025-03-25 12:00:00	4.4	43.5	7.2		2.1
2025-03-25 12:15:00	4.4	44.3	7.1		5.6
2025-03-25 12:30:00	4.4	45.1	7.1		1.6
2025-03-25 12:45:00	4.4	45.8	7.1		2.2
2025-03-25 13:00:00	4.4	47.1	7.1		1.0
2025-03-25 13:15:00	4.4	47.1	7.0		1.7
2025-03-25 13:30:00	4.4	46.0	7.1		1.1
2025-03-25 13:45:00	4.4	45.3	7.1		1.5
2025-03-25 14:00:00	4.4	45.7	7.1		2.0
2025-03-25 14:15:00	4.3	45.0	7.1		1.7
2025-03-25 14:30:00	4.3	44.8	7.1		0.4
2025-03-25 14:45:00	4.3	44.6	7.1		1.9
2025-03-25 15:00:00	4.3	44.3	7.1		2.3
2025-03-25 15:15:00	4.3	44.1	7.1		2.5
2025-03-25 15:30:00	4.3	43.4	7.1		2.1
2025-03-25 15:45:00	4.3	43.4	7.1		2.7
2025-03-25 16:00:00	4.3	43.1	7.1		2.7
2025-03-25 16:15:00	4.3	42.9	7.1		2.9
2025-03-25 16:30:00	4.3	43.0	7.1		2.9
2025-03-25 16:45:00	4.3	42.6	7.1		3.8
2025-03-25 17:00:00	4.3	42.3	7.0		3.7
2025-03-25 17:15:00	4.3	42.4	7.1		4.3
2025-03-25 17:30:00	4.3	42.4	7.1		2.4
2025-03-25 17:45:00	4.3	42.3	7.1		4.4
2025-03-25 18:00:00	4.3	42.1	7.0		4.7
2025-03-25 18:15:00	4.3	42.0	7.1		3.8
2025-03-25 18:30:00	4.3	41.7	7.1		3.8
2025-03-25 18:45:00	4.4	41.7	7.1		8.5
2025-03-25 19:00:00	4.4	41.7	7.1		4.2
2025-03-25 19:15:00	4.4	41.4	7.1		6.4
2025-03-25 19:30:00	4.4	41.2	7.1		4.1
2025-03-25 19:45:00	4.4	41.3	7.1		4.6
2025-03-25 20:00:00	4.5	41.4	7.1		7.4
2025-03-25 20:15:00	4.5	41.4	7.1		5.0
2025-03-25 20:30:00	4.5	41.3	7.1		6.3
2025-03-25 20:45:00	4.5	40.8	7.1		5.9
2025-03-25 21:00:00	4.5	41.1	7.1		6.9
2025-03-25 21:15:00	4.5	41.2	7.1		7.1
2025-03-25 21:30:00	4.5	40.1	7.1		5.2
2025-03-25 21:45:00	4.6	40.5	7.1		7.7
2025-03-25 22:00:00	4.6	40.4	7.1		7.8
2025-03-25 22:15:00	4.6	40.1	7.1		7.4
2025-03-25 22:30:00	4.7	37.9	7.1		7.2
2025-03-25 22:45:00	4.7	37.4	7.1		11.4
2025-03-25 23:00:00	4.8	37.3	7.1		8.5
2025-03-25 23:15:00	4.8	37.4	7.1		5.7
2025-03-25 23:30:00	4.8	39.3	7.1		10.0
2025-03-25 23:45:00	4.8	39.0	7.1		8.8
2025-03-26 00:00:00	4.9	39.4	7.1		8.1
2025-03-26 00:15:00	4.9	39.4	7.1		10.3
2025-03-26 00:30:00	4.9	39.0	7.1		7.9

	Squamish River				
Date/Time	Temperature (ºC)	Specific Conductivity (µS/cm)	pH	Dissolved Oxygen (mg/L)	Turbidity (NTU)
2025-03-26 00:45:00	4.9	38.6	7.1		8.1
2025-03-26 01:00:00	4.9	38.5	7.1		8.9
2025-03-26 01:15:00	4.8	38.4	7.1		10.1
2025-03-26 01:30:00	4.8	38.6	7.1		10.2
2025-03-26 01:45:00	4.8	38.2	7.1		11.2
2025-03-26 02:00:00	4.8	38.4	7.1		15.0
2025-03-26 02:15:00	4.8	38.1	7.1		9.7
2025-03-26 02:30:00	4.8	38.2	7.1		11.2
2025-03-26 02:45:00	4.7	38.4	7.1		11.3
2025-03-26 03:00:00	4.7	37.6	7.1		13.1
2025-03-26 03:15:00	4.7	37.4	7.1		9.3
2025-03-26 03:30:00	4.7	38.1	7.1		11.0
2025-03-26 03:45:00	4.6	37.8	7.1		15.3
2025-03-26 04:00:00	4.6	37.5	7.0		12.7
2025-03-26 04:15:00	4.6	37.1	7.0		16.4
2025-03-26 04:30:00	4.6	37.8	7.1		17.2
2025-03-26 04:45:00	4.5	37.2	7.1		14.1
2025-03-26 05:00:00	4.5	37.0	7.1		20.2
2025-03-26 05:15:00	4.5	37.2	7.0		23.1
2025-03-26 05:30:00	4.5	36.9	7.1		12.9
2025-03-26 05:45:00	4.4	37.1	7.1		16.3
2025-03-26 06:00:00	4.4	36.4	7.0		12.9
2025-03-26 06:15:00	4.4	37.1	7.1		17.4
2025-03-26 06:30:00	4.3	36.2	7.0		14.9
2025-03-26 06:45:00	4.3	36.1	7.0		20.9
2025-03-26 07:00:00	4.3	36.2	7.0		15.8
2025-03-26 07:15:00	4.2	35.9	7.0		14.3
2025-03-26 07:30:00	4.2	36.0	7.1		27.3
2025-03-26 07:45:00	4.2	35.8	7.1		14.2
2025-03-26 08:00:00	4.1	35.5	7.0		13.7
2025-03-26 08:15:00	4.1	35.3	7.0		17.1
2025-03-26 08:30:00	4.1	35.5	7.1		13.0
2025-03-26 08:45:00	4.0	35.1	7.1		13.2
2025-03-26 09:00:00	4.0	35.2	7.0		19.9
2025-03-26 09:15:00	4.0	34.9	7.1		14.4
2025-03-26 09:30:00	4.0	34.9	7.1		13.7
2025-03-26 09:45:00	3.9	34.8	7.0		11.7
2025-03-26 10:00:00	3.9	34.6	7.1		22.3
2025-03-26 10:15:00	3.9	34.4	7.1		22.8
2025-03-26 10:30:00	3.8	33.9	7.1		13.3
2025-03-26 10:45:00	3.8	33.9	7.1		11.0
2025-03-26 11:00:00	3.8	33.7	7.1		13.8
2025-03-26 11:15:00	3.8	33.5	7.1		12.1
2025-03-26 11:30:00	3.8	33.7	7.1		10.9
2025-03-26 11:45:00	3.7	33.8	7.1		13.7
2025-03-26 12:00:00	3.7	33.7	7.1		12.0
2025-03-26 12:15:00	3.7	33.8	7.1		14.2
2025-03-26 12:30:00	3.7	33.9	7.1		13.0
2025-03-26 12:45:00	3.7	33.9	7.1		8.7
2025-03-26 13:00:00	3.7	34.3	7.1		11.0
2025-03-26 13:15:00	3.7	34.4	7.1		9.3

	Squamish River				
Date/Time	Temperature (ºC)	Specific Conductivity (µS/cm)	pH	Dissolved Oxygen (mg/L)	Turbidity (NTU)
2025-03-26 13:30:00	3.7	34.3	7.1		14.1
2025-03-26 13:45:00	3.7	34.1	7.1		9.4
2025-03-26 14:00:00	3.7	34.9	7.1		9.3
2025-03-26 14:15:00	3.7	35.5	7.0		15.7
2025-03-26 14:30:00	3.7	35.8	7.0		9.9
2025-03-26 14:45:00	3.7	35.8	7.0		11.2
2025-03-26 15:00:00	3.7	35.4	7.0		11.2
2025-03-26 15:15:00	3.7	35.5	6.9		10.1
2025-03-26 15:30:00	3.7	35.3	7.0		8.2
2025-03-26 15:45:00	3.7	35.4	7.0		13.6
2025-03-26 16:00:00	3.7	35.3	7.0		29.5
2025-03-26 16:15:00	3.7	35.1	7.1		10.7
2025-03-26 16:30:00	3.8	35.1	7.1		10.0
2025-03-26 16:45:00	3.8	35.1	7.0		11.0
2025-03-26 17:00:00	3.9	35.2	7.1		11.5
2025-03-26 17:15:00	4.0	35.3	7.0		11.9
2025-03-26 17:30:00	4.1	35.8	7.0		7.5
2025-03-26 17:45:00	4.1	35.3	7.1		10.1
2025-03-26 18:00:00	4.2	35.8	7.1		8.5
2025-03-26 18:15:00	4.2	35.3	7.0		8.0
2025-03-26 18:30:00	4.3	35.4	7.1		10.4
2025-03-26 18:45:00	4.3	35.4	7.1		6.8
2025-03-26 19:00:00	4.3	35.7	7.1		7.0
2025-03-26 19:15:00	4.3	35.7	7.1		5.3
2025-03-26 19:30:00	4.3	35.6	7.1		6.1
2025-03-26 19:45:00	4.3	35.6	7.1		9.0
2025-03-26 20:00:00	4.3	35.4	7.1		6.8
2025-03-26 20:15:00	4.3	35.5	7.1		5.7
2025-03-26 20:30:00	4.4	35.6	7.1		6.0
2025-03-26 20:45:00	4.4	35.5	7.1		7.5
2025-03-26 21:00:00	4.4	35.7	7.1		6.9
2025-03-26 21:15:00	4.4	35.4	7.1		5.0
2025-03-26 21:30:00	4.5	35.7	7.1		5.0
2025-03-26 21:45:00	4.5	35.6	7.1		8.7
2025-03-26 22:00:00	4.5	35.8	7.1		6.0
2025-03-26 22:15:00	4.5	35.6	7.1		5.6
2025-03-26 22:30:00	4.6	35.8	7.1		6.3
2025-03-26 22:45:00	4.6	35.6	7.1		5.4
2025-03-26 23:00:00	4.6	35.5	7.1		5.1
2025-03-26 23:15:00	4.7	35.9	7.1		5.7
2025-03-26 23:30:00	4.7	35.8	7.1		4.6
2025-03-26 23:45:00	4.7	35.2	7.0		5.8
2025-03-27 00:00:00	4.8	36.2	7.1		5.6
2025-03-27 00:15:00	4.9	35.9	7.1		5.1
2025-03-27 00:30:00	5.0	36.5	7.0		3.7
2025-03-27 00:45:00	5.0	36.0	7.1		6.6
2025-03-27 01:00:00	5.0	36.1	7.1		4.0
2025-03-27 01:15:00	5.0	36.5	7.1		6.7
2025-03-27 01:30:00	5.0	36.4	7.1		7.0
2025-03-27 01:45:00	5.0	36.0	7.1		6.0
2025-03-27 02:00:00	5.0	36.7	7.1		5.3

	Squamish River				
Date/Time	Temperature (ºC)	Specific Conductivity (µS/cm)	pH	Dissolved Oxygen (mg/L)	Turbidity (NTU)
2025-03-27 02:15:00	4.9	36.6	7.1		5.0
2025-03-27 02:30:00	4.9	35.9	7.1		5.7
2025-03-27 02:45:00	4.9	36.5	7.1		5.3
2025-03-27 03:00:00	4.9	36.0	7.1		5.6
2025-03-27 03:15:00	4.9	36.8	7.1		6.0
2025-03-27 03:30:00	4.9	36.3	7.1		7.4
2025-03-27 03:45:00	4.9	36.5	7.1		3.4
2025-03-27 04:00:00	4.9	36.8	7.1		5.1
2025-03-27 04:15:00	4.9	36.7	7.0		4.9
2025-03-27 04:30:00	4.9	36.8	7.1		2.9
2025-03-27 04:45:00	4.8	36.7	7.1		4.7
2025-03-27 05:00:00	4.8	37.1	7.0		4.4
2025-03-27 05:15:00	4.8	36.6	7.0		4.7
2025-03-27 05:30:00	4.8	36.4	7.1		6.0
2025-03-27 05:45:00	4.8	36.4	7.1		4.3
2025-03-27 06:00:00	4.8	36.8	7.1		4.5
2025-03-27 06:15:00	4.8	36.3	7.0		5.5
2025-03-27 06:30:00	4.8	36.2	7.0		5.3
2025-03-27 06:45:00	4.8	35.8	7.1		7.3
2025-03-27 07:00:00	4.8	35.7	7.1		4.9
2025-03-27 07:15:00	4.8	36.0	7.1		9.3
2025-03-27 07:30:00	4.8	36.2	7.0		5.3
2025-03-27 07:45:00	4.7	35.7	7.1		5.7
2025-03-27 08:00:00	4.7	35.7	7.1		7.9
2025-03-27 08:15:00	4.7	35.9	7.0		6.4
2025-03-27 08:30:00	4.7	35.8	7.0		7.2
2025-03-27 08:45:00	4.7	35.4	7.0		7.1
2025-03-27 09:00:00	4.7	35.3	7.0		9.3
2025-03-27 09:15:00	4.6	35.2	7.0		8.1
2025-03-27 09:30:00	4.6	34.7	7.1		8.4
2025-03-27 09:45:00	4.6	34.2	7.1		7.5
2025-03-27 10:00:00	4.6	34.2	7.0		8.2
2025-03-27 10:15:00	4.5	33.8	7.1		13.4
2025-03-27 10:30:00	4.5	33.5	7.1		9.2
2025-03-27 10:45:00	4.5	33.0	7.0		19.5
2025-03-27 11:00:00	4.5	33.0	7.1		12.2
2025-03-27 11:15:00	4.5	33.2	7.1		12.1
2025-03-27 11:30:00	4.5	33.2	7.1		12.4
2025-03-27 11:45:00	4.4	33.2	7.1		11.9
2025-03-27 12:00:00	4.4	32.7	7.2		18.4
2025-03-27 12:15:00	4.4	32.2	7.1		17.1
2025-03-27 12:30:00	4.4	32.2	7.2		20.4
2025-03-27 12:45:00	4.4	32.6	7.1		13.7
2025-03-27 13:00:00	4.4	33.1	7.1		24.0
2025-03-27 13:15:00	4.3	32.8	7.1		20.1
2025-03-27 13:30:00	4.3	32.5	7.1		23.8
2025-03-27 13:45:00	4.3	31.7	7.1		24.8
2025-03-27 14:00:00	4.2	31.5	7.1		23.7
2025-03-27 14:15:00	4.2	31.4	7.1		39.3
2025-03-27 14:30:00	4.2	30.8	7.1		38.1
2025-03-27 14:45:00	4.1	30.2	7.1		40.1

	Squamish River				
Date/Time	Temperature (ºC)	Specific Conductivity (µS/cm)	pH	Dissolved Oxygen (mg/L)	Turbidity (NTU)
2025-03-27 15:00:00	4.1	29.7	7.1		39.0
2025-03-27 15:15:00	4.1	29.6	7.1		41.1
2025-03-27 15:30:00	4.1	29.4	7.0		54.7
2025-03-27 15:45:00	4.0	29.3	7.0		42.0
2025-03-27 16:00:00	4.0	29.1	7.0		54.3
2025-03-27 16:15:00	3.9	29.0	7.0		56.7
2025-03-27 16:30:00	3.9	28.7	7.1		64.5
2025-03-27 16:45:00	3.9	28.0	7.1		49.9
2025-03-27 17:00:00	3.9	27.9	7.0		57.1
2025-03-27 17:15:00	3.9	27.6	7.0		67.2
2025-03-27 17:30:00	3.9	27.7	7.1		54.3
2025-03-27 17:45:00	3.9	27.4	7.0		62.0
2025-03-27 18:00:00	3.9	26.9	7.0		51.5
2025-03-27 18:15:00	3.9	26.9	7.1		50.6
2025-03-27 18:30:00	3.9	26.8	7.1		50.0
2025-03-27 18:45:00	3.9	26.7	7.0		50.9
2025-03-27 19:00:00	4.0	26.5	7.0		46.6
2025-03-27 19:15:00	4.0	26.6	7.0		48.4
2025-03-27 19:30:00	4.0	26.6	7.0		52.0
2025-03-27 19:45:00	4.1	26.2	7.1		43.9
2025-03-27 20:00:00	4.2	26.6	7.1		45.6
2025-03-27 20:15:00	4.3	26.3	7.0		42.3
2025-03-27 20:30:00	4.4	26.1	7.1		34.8
2025-03-27 20:45:00	4.5	26.5	7.1		36.6
2025-03-27 21:00:00	4.5	26.2	7.0		40.7
2025-03-27 21:15:00	4.5	26.5	7.1		28.9
2025-03-27 21:30:00	4.5	26.5	7.1		32.3
2025-03-27 21:45:00	4.4	26.2	7.1		37.5
2025-03-27 22:00:00	4.5	26.3	7.1		32.1
2025-03-27 22:15:00	4.5	26.6	7.1		32.6
2025-03-27 22:30:00	4.5	26.5	7.1		23.8
2025-03-27 22:45:00	4.5	26.8	7.1		23.4
2025-03-27 23:00:00	4.6	27.1	7.1		27.0
2025-03-27 23:15:00	4.6	28.0	7.1		24.9
2025-03-27 23:30:00	4.6	26.7	7.1		23.4
2025-03-27 23:45:00	4.7	26.9	7.1		22.3
2025-03-28 00:00:00	4.7	26.8	7.1		26.7
2025-03-28 00:15:00	4.7	27.1	7.1		25.6
2025-03-28 00:30:00	4.7	27.0	7.1		17.1
2025-03-28 00:45:00	4.7	26.6	7.1		21.9
2025-03-28 01:00:00	4.7	27.0	7.1		20.7
2025-03-28 01:15:00	4.7	27.3	7.1		20.0
2025-03-28 01:30:00	4.6	27.3	7.1		18.4
2025-03-28 01:45:00	4.6	27.5	7.1		18.3
2025-03-28 02:00:00	4.6	27.2	7.1		22.4
2025-03-28 02:15:00	4.6	27.5	7.0		20.0
2025-03-28 02:30:00	4.6	27.7	7.0		16.4
2025-03-28 02:45:00	4.6	27.8	7.0		18.5
2025-03-28 03:00:00	4.6	27.9	7.1		22.0
2025-03-28 03:15:00	4.6	28.1	7.0		14.9
2025-03-28 03:30:00	4.5	28.3	7.0		16.5

	Squamish River				
Date/Time	Temperature (ºC)	Specific Conductivity (µS/cm)	pH	Dissolved Oxygen (mg/L)	Turbidity (NTU)
2025-03-28 03:45:00	4.5	28.1	7.0		15.4
2025-03-28 04:00:00	4.5	28.4	7.0		17.6
2025-03-28 04:15:00	4.5	28.5	7.0		14.1
2025-03-28 04:30:00	4.5	28.6	7.0		10.6
2025-03-28 04:45:00	4.5	28.8	7.0		13.9
2025-03-28 05:00:00	4.5	29.1	7.0		15.3
2025-03-28 05:15:00	4.4	29.1	7.0		13.8
2025-03-28 05:30:00	4.4	28.5	7.0		13.4
2025-03-28 05:45:00	4.4	29.1	7.0		16.0
2025-03-28 06:00:00	4.4	28.8	7.0		13.0
2025-03-28 06:15:00	4.4	29.1	7.0		12.4
2025-03-28 06:30:00	4.4	29.5	7.0		15.3
2025-03-28 06:45:00	4.3	29.1	7.0		14.2
2025-03-28 07:00:00	4.3	29.2	7.0		11.1
2025-03-28 07:15:00	4.3	28.7	7.0		20.5
2025-03-28 07:30:00	4.3	28.9	7.0		13.3
2025-03-28 07:45:00	4.3	29.1	7.0		11.4
2025-03-28 08:00:00	4.3	29.2	7.0		12.9
2025-03-28 08:15:00	4.3	29.1	7.0		11.8
2025-03-28 08:30:00	4.3	29.3	7.0		9.9
2025-03-28 08:45:00	4.3	29.4	7.0		11.1
2025-03-28 09:00:00	4.3	29.5	7.0		11.3
2025-03-28 09:15:00	4.2	29.4	7.0		8.9
2025-03-28 09:30:00	4.2	29.8	7.0		9.5
2025-03-28 09:45:00	4.2	29.8	7.1		12.2
2025-03-28 10:00:00	4.2	29.0	7.0		10.5
2025-03-28 10:15:00	4.2	29.8	7.1		10.7
2025-03-28 10:30:00	4.2	29.1	7.1		10.3
2025-03-28 10:45:00	4.2	29.2	7.1		12.0
2025-03-28 11:00:00	4.2	29.3	7.1		10.3
2025-03-28 11:15:00	4.2	29.5	7.1		9.3
2025-03-28 11:30:00	4.2	29.3	7.0		9.6
2025-03-28 11:45:00	4.2	29.7	7.1		7.1
2025-03-28 12:00:00	4.2	29.5	7.1		8.7
2025-03-28 12:15:00	4.2	29.6	7.1		5.9
2025-03-28 12:30:00	4.2	29.9	7.1		7.9
2025-03-28 12:45:00	4.2	29.3	7.1		6.3
2025-03-28 13:00:00	4.2	32.5	7.1		7.4
2025-03-28 13:15:00	4.2	32.7	7.1		6.1
2025-03-28 13:30:00	4.2	30.8	7.1		5.1
2025-03-28 13:45:00	4.2	30.5	7.1		6.1
2025-03-28 14:00:00	4.2	31.1	7.1		8.1
2025-03-28 14:15:00	4.2	30.9	7.1		6.6
2025-03-28 14:30:00	4.2	31.4	7.1		6.3
2025-03-28 14:45:00	4.2	31.5	7.1		8.1
2025-03-28 15:00:00	4.2	31.6	7.1		4.9
2025-03-28 15:15:00	4.3	32.0	7.0		6.8
2025-03-28 15:30:00	4.3	32.4	7.0		6.2
2025-03-28 15:45:00	4.3	33.1	7.0		6.4
2025-03-28 16:00:00	4.3	33.4	6.9		6.8
2025-03-28 16:15:00	4.4	33.0	6.9		7.8

	Squamish River				
Date/Time	Temperature (ºC)	Specific Conductivity (µS/cm)	pH	Dissolved Oxygen (mg/L)	Turbidity (NTU)
2025-03-28 16:30:00	4.4	33.8	7.0		6.7
2025-03-28 16:45:00	4.4	33.4	6.9		6.6
2025-03-28 17:00:00	4.4	33.3	6.9		7.9
2025-03-28 17:15:00	4.4	33.2	7.0		6.8
2025-03-28 17:30:00	4.4	33.2	6.9		7.5
2025-03-28 17:45:00	4.5	33.0	7.0		6.5
2025-03-28 18:00:00	4.5	33.4	7.0		7.5
2025-03-28 18:15:00	4.6	33.3	7.0		6.8
2025-03-28 18:30:00	4.6	33.0	7.0		7.2
2025-03-28 18:45:00	4.7	33.0	7.0		3.9
2025-03-28 19:00:00	4.7	32.7	7.0		7.3
2025-03-28 19:15:00	4.7	32.2	7.0		6.5
2025-03-28 19:30:00	4.7	32.6	7.0		5.0
2025-03-28 19:45:00	4.7	32.8	7.0		7.1
2025-03-28 20:00:00	4.8	32.5	7.1		6.3
2025-03-28 20:15:00	4.8	32.8	7.0		6.7
2025-03-28 20:30:00	4.8	32.4	7.0		6.7
2025-03-28 20:45:00	4.8	32.2	7.1		5.8
2025-03-28 21:00:00	4.8	32.4	7.0		6.3
2025-03-28 21:15:00	4.8	32.4	7.0		6.6
2025-03-28 21:30:00	4.9	32.7	7.0		7.6
2025-03-28 21:45:00	4.9	32.6	7.0		8.1
2025-03-28 22:00:00	4.9	32.4	7.0		5.5
2025-03-28 22:15:00	4.9	32.6	7.0		6.1
2025-03-28 22:30:00	4.9	32.3	7.1		5.0
2025-03-28 22:45:00	4.9	31.9	7.1		8.0
2025-03-28 23:00:00	4.9	31.8	7.1		6.6
2025-03-28 23:15:00	4.9	31.7	7.1		5.3
2025-03-28 23:30:00	5.0	31.9	7.1		5.4
2025-03-28 23:45:00	5.0	31.8	7.1		6.0
2025-03-29 00:00:00	5.0	32.1	7.1		6.1
2025-03-29 00:15:00	5.0	32.4	7.1		5.0
2025-03-29 00:30:00	5.0	32.7	7.1		4.8
2025-03-29 00:45:00	5.0	33.0	7.1		6.0
2025-03-29 01:00:00	5.0	33.4	7.1		4.4
2025-03-29 01:15:00	5.0	33.6	7.1		4.7
2025-03-29 01:30:00	5.0	33.3	7.1		5.1
2025-03-29 01:45:00	5.0	33.3	7.1		4.2
2025-03-29 02:00:00	5.0	34.0	7.1		5.8
2025-03-29 02:15:00	5.0	34.1	7.0		4.5
2025-03-29 02:30:00	5.0	34.6	7.0		5.0
2025-03-29 02:45:00	5.0	35.8	7.0		6.1
2025-03-29 03:00:00	5.0	35.4	7.0		4.0
2025-03-29 03:15:00	5.0	35.4	6.9		4.8
2025-03-29 03:30:00	4.9	34.9	7.0		3.8
2025-03-29 03:45:00	4.9	35.0	6.9		4.8
2025-03-29 04:00:00	4.9	35.0	7.0		4.0
2025-03-29 04:15:00	4.8	34.8	7.0		5.4
2025-03-29 04:30:00	4.8	35.0	7.0		5.8
2025-03-29 04:45:00	4.8	34.2	7.0		5.0
2025-03-29 05:00:00	4.8	34.2	7.0		5.0

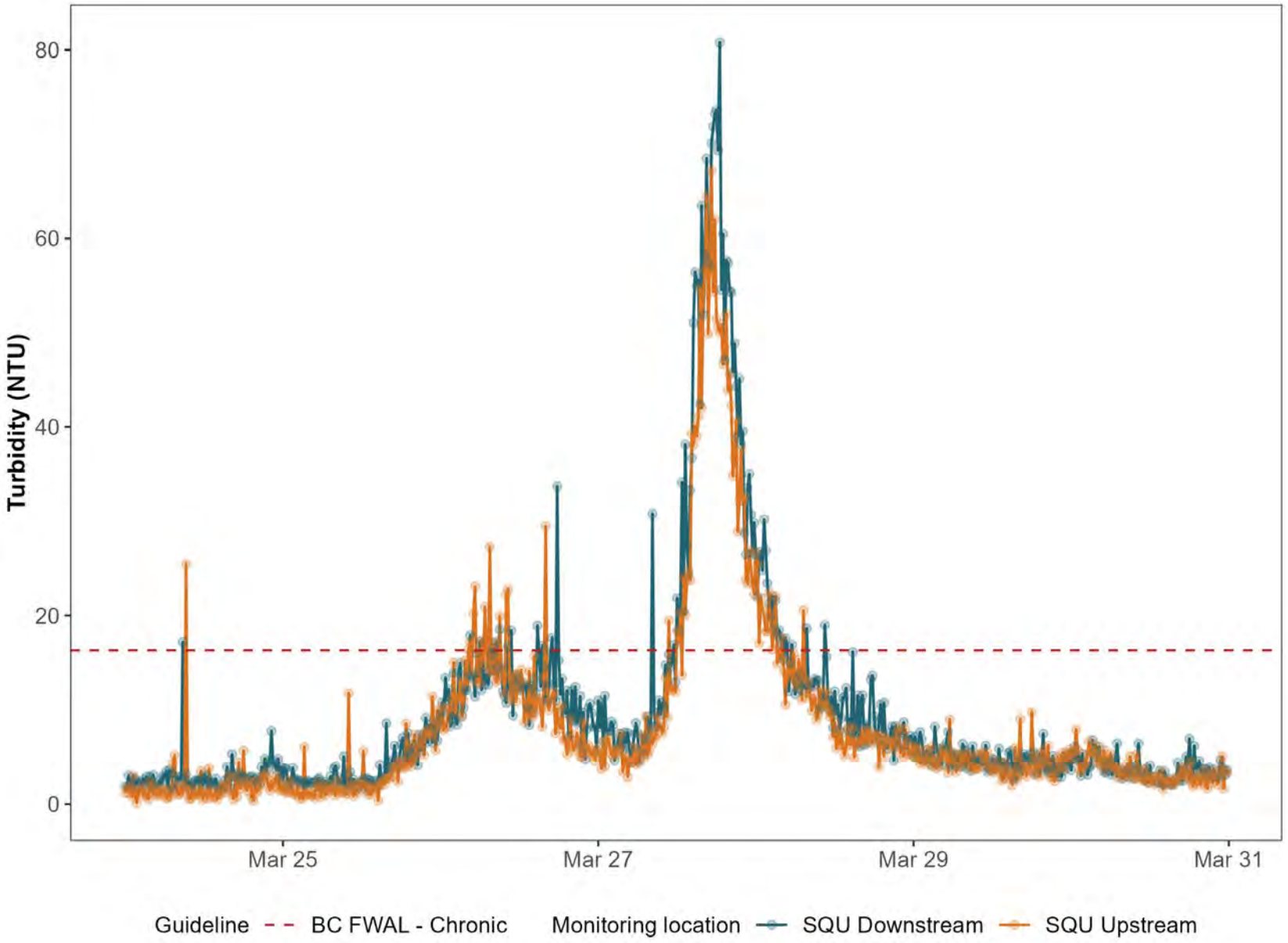
	Squamish River				
Date/Time	Temperature (ºC)	Specific Conductivity (µS/cm)	pH	Dissolved Oxygen (mg/L)	Turbidity (NTU)
2025-03-29 05:15:00	4.7	34.2	7.0		3.3
2025-03-29 05:30:00	4.7	34.3	7.0		9.0
2025-03-29 05:45:00	4.7	34.1	7.0		4.4
2025-03-29 06:00:00	4.7	34.0	7.0		4.6
2025-03-29 06:15:00	4.6	34.0	7.0		5.4
2025-03-29 06:30:00	4.6	33.9	6.9		3.4
2025-03-29 06:45:00	4.6	34.2	7.0		4.0
2025-03-29 07:00:00	4.6	33.8	7.0		4.7
2025-03-29 07:15:00	4.6	34.2	7.0		5.3
2025-03-29 07:30:00	4.6	33.8	7.0		4.2
2025-03-29 07:45:00	4.5	33.6	7.0		4.8
2025-03-29 08:00:00	4.5	33.8	7.0		5.4
2025-03-29 08:15:00	4.5	34.0	7.0		5.1
2025-03-29 08:30:00	4.5	34.1	7.0		4.4
2025-03-29 08:45:00	4.5	33.8	7.0		3.8
2025-03-29 09:00:00	4.5	34.0	7.0		3.8
2025-03-29 09:15:00	4.5	33.9	6.9		5.3
2025-03-29 09:30:00	4.5	33.8	7.0		3.7
2025-03-29 09:45:00	4.4	33.7	7.0		3.8
2025-03-29 10:00:00	4.4	33.8	7.0		3.9
2025-03-29 10:15:00	4.4	33.6	7.0		5.5
2025-03-29 10:30:00	4.4	33.6	7.0		5.3
2025-03-29 10:45:00	4.4	33.4	7.0		4.8
2025-03-29 11:00:00	4.4	33.4	7.0		4.4
2025-03-29 11:15:00	4.3	32.8	7.0		5.5
2025-03-29 11:30:00	4.3	32.0	7.1		3.9
2025-03-29 11:45:00	4.3	31.9	7.1		3.8
2025-03-29 12:00:00	4.3	31.5	7.1		3.6
2025-03-29 12:15:00	4.2	31.3	7.1		3.3
2025-03-29 12:30:00	4.2	31.3	7.1		4.7
2025-03-29 12:45:00	4.2	31.4	7.1		3.8
2025-03-29 13:00:00	4.2	31.1	7.1		3.8
2025-03-29 13:15:00	4.2	31.3	7.1		3.3
2025-03-29 13:30:00	4.2	31.7	7.1		2.5
2025-03-29 13:45:00	4.2	32.2	7.1		2.7
2025-03-29 14:00:00	4.2	32.3	7.1		4.4
2025-03-29 14:15:00	4.2	33.4	7.1		3.6
2025-03-29 14:30:00	4.2	33.3	7.1		2.8
2025-03-29 14:45:00	4.2	33.1	7.1		3.2
2025-03-29 15:00:00	4.2	32.8	7.1		2.0
2025-03-29 15:15:00	4.2	33.4	7.0		3.4
2025-03-29 15:30:00	4.2	33.6	7.0		6.0
2025-03-29 15:45:00	4.3	35.1	7.0		2.6
2025-03-29 16:00:00	4.3	34.8	6.9		4.9
2025-03-29 16:15:00	4.3	34.7	6.9		9.0
2025-03-29 16:30:00	4.4	35.1	6.9		3.1
2025-03-29 16:45:00	4.4	35.1	6.9		4.0
2025-03-29 17:00:00	4.4	34.4	6.9		4.0
2025-03-29 17:15:00	4.4	34.4	7.0		3.0
2025-03-29 17:30:00	4.5	34.2	7.0		4.1
2025-03-29 17:45:00	4.5	34.0	7.0		3.6

	Squamish River				
Date/Time	Temperature (ºC)	Specific Conductivity (µS/cm)	pH	Dissolved Oxygen (mg/L)	Turbidity (NTU)
2025-03-29 18:00:00	4.5	34.1	7.0		9.8
2025-03-29 18:15:00	4.6	34.2	6.9		5.2
2025-03-29 18:30:00	4.6	33.9	7.0		3.1
2025-03-29 18:45:00	4.7	33.9	6.9		3.7
2025-03-29 19:00:00	4.7	34.1	7.0		4.9
2025-03-29 19:15:00	4.8	34.0	7.0		2.9
2025-03-29 19:30:00	4.8	34.5	7.0		4.3
2025-03-29 19:45:00	4.8	34.4	7.0		5.7
2025-03-29 20:00:00	4.9	34.0	7.0		5.4
2025-03-29 20:15:00	4.9	34.2	7.0		3.9
2025-03-29 20:30:00	5.0	33.9	7.1		6.2
2025-03-29 20:45:00	5.0	34.5	7.0		2.9
2025-03-29 21:00:00	5.1	34.4	7.0		4.6
2025-03-29 21:15:00	5.1	34.7	7.0		2.9
2025-03-29 21:30:00	5.2	34.5	7.0		2.4
2025-03-29 21:45:00	5.2	34.8	7.1		3.5
2025-03-29 22:00:00	5.2	35.1	7.0		5.0
2025-03-29 22:15:00	5.2	35.5	7.1		3.8
2025-03-29 22:30:00	5.3	35.6	7.1		4.9
2025-03-29 22:45:00	5.3	35.8	7.0		5.5
2025-03-29 23:00:00	5.4	36.1	7.0		3.7
2025-03-29 23:15:00	5.4	36.0	7.1		4.9
2025-03-29 23:30:00	5.5	36.1	7.1		5.0
2025-03-29 23:45:00	5.5	36.2	7.1		5.8
2025-03-30 00:00:00	5.5	36.2	7.1		5.5
2025-03-30 00:15:00	5.5	35.8	7.1		4.7
2025-03-30 00:30:00	5.5	35.7	7.1		5.6
2025-03-30 00:45:00	5.4	35.8	7.1		7.9
2025-03-30 01:00:00	5.4	35.7	7.1		5.7
2025-03-30 01:15:00	5.4	35.3	7.1		3.7
2025-03-30 01:30:00	5.4	36.2	7.1		3.4
2025-03-30 01:45:00	5.3	36.2	7.1		4.0
2025-03-30 02:00:00	5.3	36.5	7.1		4.1
2025-03-30 02:15:00	5.3	37.0	7.1		4.4
2025-03-30 02:30:00	5.3	37.3	7.1		5.4
2025-03-30 02:45:00	5.3	38.4	7.1		6.6
2025-03-30 03:00:00	5.3	39.8	7.0		5.5
2025-03-30 03:15:00	5.3	39.7	7.0		5.5
2025-03-30 03:30:00	5.3	39.9	7.0		5.2
2025-03-30 03:45:00	5.2	39.2	6.9		6.3
2025-03-30 04:00:00	5.2	38.9	7.0		4.4
2025-03-30 04:15:00	5.2	39.1	7.0		5.4
2025-03-30 04:30:00	5.2	38.2	7.0		4.0
2025-03-30 04:45:00	5.1	38.4	7.0		4.4
2025-03-30 05:00:00	5.1	37.9	7.0		5.7
2025-03-30 05:15:00	5.1	38.5	7.0		3.6
2025-03-30 05:30:00	5.1	38.8	7.0		4.9
2025-03-30 05:45:00	5.0	38.6	7.0		4.7
2025-03-30 06:00:00	5.0	38.2	7.0		5.4
2025-03-30 06:15:00	5.0	38.3	7.0		4.0
2025-03-30 06:30:00	5.0	38.7	7.0		4.0

	Squamish River				
Date/Time	Temperature (ºC)	Specific Conductivity (µS/cm)	pH	Dissolved Oxygen (mg/L)	Turbidity (NTU)
2025-03-30 06:45:00	4.9	38.5	7.1		3.7
2025-03-30 07:00:00	4.9	38.3	7.0		2.9
2025-03-30 07:15:00	4.8	38.5	7.0		3.9
2025-03-30 07:30:00	4.8	38.8	7.0		3.4
2025-03-30 07:45:00	4.8	38.9	7.1		3.2
2025-03-30 08:00:00	4.7	38.9	7.1		2.8
2025-03-30 08:15:00	4.7	38.6	7.1		3.0
2025-03-30 08:30:00	4.7	38.6	7.0		4.3
2025-03-30 08:45:00	4.6	38.6	7.0		3.8
2025-03-30 09:00:00	4.6	38.6	7.0		5.1
2025-03-30 09:15:00	4.5	38.5	7.0		3.2
2025-03-30 09:30:00	4.5	38.7	7.1		2.6
2025-03-30 09:45:00	4.5	39.1	7.0		3.1
2025-03-30 10:00:00	4.4	39.0	7.1		5.3
2025-03-30 10:15:00	4.4	39.0	7.1		3.7
2025-03-30 10:30:00	4.3	39.1	7.0		2.6
2025-03-30 10:45:00	4.3	38.9	7.1		2.9
2025-03-30 11:00:00	4.3	39.0	7.0		2.5
2025-03-30 11:15:00	4.2	38.8	7.1		3.7
2025-03-30 11:30:00	4.2	38.9	7.1		2.6
2025-03-30 11:45:00	4.2	38.9	7.1		2.2
2025-03-30 12:00:00	4.1	38.2	7.1		2.9
2025-03-30 12:15:00	4.1	37.7	7.1		2.9
2025-03-30 12:30:00	4.0	37.6	7.2		2.4
2025-03-30 12:45:00	4.0	37.6	7.1		2.1
2025-03-30 13:00:00	3.9	37.6	7.1		2.9
2025-03-30 13:15:00	3.9	37.7	7.1		2.9
2025-03-30 13:30:00	3.9	37.6	7.2		2.4
2025-03-30 13:45:00	3.8	37.5	7.2		3.4
2025-03-30 14:00:00	3.8	37.8	7.1		1.5
2025-03-30 14:15:00	3.8	39.1	7.2		2.6
2025-03-30 14:30:00	3.8	40.3	7.1		2.3
2025-03-30 14:45:00	3.8	41.2	7.1		2.4
2025-03-30 15:00:00	3.8	41.3	7.1		2.3
2025-03-30 15:15:00	3.8	42.4	7.1		2.6
2025-03-30 15:30:00	3.9	42.1	7.0		2.0
2025-03-30 15:45:00	3.9	44.0	7.0		2.4
2025-03-30 16:00:00	4.0	43.8	7.0		2.8
2025-03-30 16:15:00	4.0	43.6	7.0		2.5
2025-03-30 16:30:00	4.1	43.7	7.0		2.8
2025-03-30 16:45:00	4.1	43.2	7.0		3.9
2025-03-30 17:00:00	4.2	42.7	7.0		3.1
2025-03-30 17:15:00	4.3	42.9	7.0		3.2
2025-03-30 17:30:00	4.3	42.6	7.0		3.9
2025-03-30 17:45:00	4.4	42.3	7.0		2.8
2025-03-30 18:00:00	4.5	42.5	7.0		2.5
2025-03-30 18:15:00	4.5	42.2	7.0		4.5
2025-03-30 18:30:00	4.6	42.2	7.0		1.9
2025-03-30 18:45:00	4.7	41.8	7.0		2.2
2025-03-30 19:00:00	4.8	42.0	7.0		3.2
2025-03-30 19:15:00	4.8	41.7	7.0		2.5

	Squamish River				
Date/Time	Temperature (ºC)	Specific Conductivity (µS/cm)	pH	Dissolved Oxygen (mg/L)	Turbidity (NTU)
2025-03-30 19:30:00	4.9	41.7	7.0		2.7
2025-03-30 19:45:00	5.0	42.0	7.0		2.0
2025-03-30 20:00:00	5.1	41.9	7.1		2.9
2025-03-30 20:15:00	5.1	41.9	7.0		3.6
2025-03-30 20:30:00	5.2	41.9	7.1		2.3
2025-03-30 20:45:00	5.2	42.2	7.0		1.7
2025-03-30 21:00:00	5.3	41.9	7.0		3.0
2025-03-30 21:15:00	5.3	41.9	7.0		3.1
2025-03-30 21:30:00	5.4	42.1	7.1		2.3
2025-03-30 21:45:00	5.4	42.1	7.0		3.5
2025-03-30 22:00:00	5.5	42.2	7.0		3.1
2025-03-30 22:15:00	5.6	42.2	7.1		2.1
2025-03-30 22:30:00	5.6	42.3	7.1		2.6
2025-03-30 22:45:00	5.6	42.2	7.0		3.7
2025-03-30 23:00:00	5.6	42.3	7.0		5.1
2025-03-30 23:15:00	5.7	42.3	7.0		1.6
2025-03-30 23:30:00	5.7	42.2	7.1		3.5
2025-03-30 23:45:00	5.7	42.4	7.1		3.4

Please note the DO probe on the sonde was not reading for a period of time. This probe has been replaced. No discharges occurred during this time period.


Turbidity (NTU)
80
60
40
20
0
Mar 25
Mar 27
Mar 29
Mar 31
Guideline
BC FWAL - Chronic
Monitoring location
SQU Downstream
SQU Upstream

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

Woodfibre Site Sample Analysis

		BC Approved Water Quality Guideline - Freshwater Aquatic Life - Short Term Maximum	End of Pipe
			WLNG-EOP
			2025-03-25 11:15:00
Analyte	**Units**		
In situ Parameters			
Field pH	**pH Units**	6.5 - 9	7.33
Field Conductivity	**µS/cm**		47.8
Field Temperature	**°C**	19	7.1
General Parameters			
pH	**pH Units**		7.41
Conductivity	**uS/cm**		170
Alkalinity (Total as $CaCO_3$)	**mg/L**		45
Alkalinity (PP as $CaCO_3$)	**mg/L**		<1
Hardness ($CaCO_3$)-Total	**mg/L**		57.9
Hardness ($CaCO_3$)-Dissolved	**mg/L**		59.4
Sulphide-Total	**mg/L**		<0.0018
Sulphide (as H2S)	**mg/L**		<0.002
Un-ionized Hydrogen Sulfide as H2S-Total	**mg/L**		<0.005
Un-ionized Hydrogen Sulfide as S-Total	**mg/L**		<0.005
Anions and Nutrients			
Ammonia (N)-Total	**mg/L**	17.4	0.039
Bicarbonate (HCO_3)	**mg/L**		55
Carbonate (CO_3)	**mg/L**		<1
Hydroxide (OH)	**mg/L**		<1
Nitrate (N)	**mg/L**	32.8	<0.02
Nitrite (N)	**mg/L**	0.06	<0.005
Nitrate plus Nitrite (N)	**mg/L**		<0.02
Nitrogen (N)-Total	**mg/L**		0.269
Phosphorus (P)-Total (4500-P)	**mg/L**		0.011
Bromide (Br)	**mg/L**		<0.01
Chloride (Cl)	**mg/L**	600	19
Fluoride (F)	**mg/L**	0.428	0.15
Sulphate (SO_4)-Dissolved	**mg/L**		7.4
Ion Balance (% Difference)	**%**		0.52
Ion Ratio (cation sum / anion sum)	**N/A**		1
Total Metals			
Aluminum (Al)-Total	**mg/L**		0.759
Antimony (Sb)-Total	**mg/L**	0.25	0.00076
Arsenic (As)-Total	**mg/L**		0.000721
Barium (Ba)-Total	**mg/L**		0.00987
Beryllium (Be)-Total	**mg/L**		<0.00001
Bismuth (Bi)-Total	**mg/L**		<0.000005
Boron (B)-Total	**mg/L**		0.015
Cadmium (Cd)-Total	**mg/L**		0.0000135

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

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

		BC Approved Water Quality Guideline - Freshwater Aquatic Life - Short Term Maximum	End of Pipe
			WLNG-EOP
			2025-03-25 11:15:00
Total Metals (Cont'd.)			
Calcium (Ca)-Total	**mg/L**		21.5
Cesium (Cs)-Total	**mg/L**		0.000066
Chromium (Cr)-Total	**mg/L**		0.00018
Chromium (Cr III)-Total	**mg/L**		<0.00099
Chromium (Cr VI)-Total	**mg/L**		0.0016
Cobalt (Co)-Total	**mg/L**	0.11	0.0000843
Copper (Cu)-Total	**mg/L**		0.000459
Iron (Fe)-Total	**mg/L**	1	0.237
Lead (Pb)-Total	**mg/L**		0.000127
Lithium (Li)-Total	**mg/L**		0.00373
Magnesium (Mg)-Total	**mg/L**		1.01
Manganese (Mn)-Total	**mg/L**	0.656	0.0131
Mercury (Hg)-Total	**mg/L**		<0.0000019
Molybdenum (Mo)-Total	**mg/L**	46	0.0196
Nickel (Ni)-Total	**mg/L**		0.000143
Phosphorus (P)-Total (ICPMS)	**mg/L**		0.0082
Potassium (K)-Total	**mg/L**		1.85
Rubidium (Rb)-Total	**mg/L**		0.00362
Selenium (Se)-Total	**mg/L**		0.000047
Silicon (Si)-Total	**mg/L**		4.95
Silver (Ag)-Total	**mg/L**		<0.000005
Sodium (Na)-Total	**mg/L**		7.49
Strontium (Sr)-Total	**mg/L**		0.0415
Sulphur (S)-Total	**mg/L**		<3
Tellurium (Te)-Total	**mg/L**		<0.00002
Thallium (Tl)-Total	**mg/L**		0.0000122
Thorium (Th)-Total	**mg/L**		<0.00005
Tin (Sn)-Total	**mg/L**		<0.0002
Titanium (Ti)-Total	**mg/L**		0.0139
Uranium (U)-Total	**mg/L**	0.0165	0.00126
Vanadium (V)-Total	**mg/L**		0.00045
Zinc (Zn)-Total	**mg/L**		0.0038
Zirconium (Zr)-Total	**mg/L**		<0.0001
Dissolved Metals			
Aluminum (Al)-Dissolved	**mg/L**		0.0338
Antimony (Sb)-Dissolved	**mg/L**		0.000733
Arsenic (As)-Dissolved	**mg/L**		0.000366
Barium (Ba)-Dissolved	**mg/L**		0.00704
Beryllium (Be)-Dissolved	**mg/L**		<0.00001
Bismuth (Bi)-Dissolved	**mg/L**		<0.000005

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

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

		BC Approved Water Quality Guideline - Freshwater Aquatic Life - Short Term Maximum	End of Pipe
			WLNG-EOP
			2025-03-25 11:15:00
Dissolved Metals (Cont'd.)			
Boron (B)-Dissolved	**mg/L**		0.018
Cadmium (Cd)-Dissolved	**mg/L**	0.000058	0.0000115
Calcium (Ca)-Dissolved	**mg/L**		22
Cesium (Cs)-Dissolved	**mg/L**		<0.00005
Chromium (Cr)-Dissolved	**mg/L**		<0.0001
Cobalt (Co)-Dissolved	**mg/L**		0.0000303
Copper (Cu)-Dissolved	**mg/L**	0.00276736	0.000113
Iron (Fe)-Dissolved	**mg/L**	0.35	<0.001
Lead (Pb)-Dissolved	**mg/L**		<0.000005
Lithium (Li)-Dissolved	**mg/L**		0.00425
Manganese (Mn)-Dissolved	**mg/L**		0.00724
Magnesium (Mg)-Dissolved	**mg/L**		1.07
Mercury (Hg)-Dissolved	**mg/L**		<0.0000019
Molybdenum (Mo)-Dissolved	**mg/L**		0.0198
Nickel (Ni)-Dissolved	**mg/L**	0.0146	0.000099
Phosphorus (P)-Dissolved	**mg/L**		0.0025
Potassium (K)-Dissolved	**mg/L**		1.83
Rubidium (Rb)-Dissolved	**mg/L**		0.00295
Selenium (Se)-Dissolved	**mg/L**		0.000046
Silicon (Si)-Dissolved	**mg/L**		4.5
Silver (Ag)-Dissolved	**mg/L**		<0.000005
Sodium (Na)-Dissolved	**mg/L**		8.28
Strontium (Sr)-Dissolved	**mg/L**		0.0439
Sulphur (S)-Dissolved	**mg/L**		<3
Tellurium (Te)-Dissolved	**mg/L**		<0.00002
Thallium (Tl)-Dissolved	**mg/L**		0.000008
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**		0.000371
Vanadium (V)-Dissolved	**mg/L**		<0.0002
Zinc (Zn)-Dissolved	**mg/L**	0.010174	0.00188
Zirconium (Zr)-Dissolved	**mg/L**		<0.0001
Inorganics			
Organic Carbon (C)-Total	**mg/L**		1.1
Organic Carbon (C)-Dissolved	**mg/L**		0.96
Solids-Total Dissolved	**mg/L**		100
Solids-Total Suspended	**mg/L**	27.4	20

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

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

		BC Approved Water Quality Guideline - Freshwater Aquatic Life - Short Term Maximum	End of Pipe
			WLNG-EOP
			2025-03-25 11:15:00
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
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**		0.000068
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
Benzene	**mg/L**		<0.0004
Ethylbenzene	**mg/L**		<0.0004
F1 (C6-C10)	**mg/L**		<0.3
F1 (C6-C10) - BTEX	**mg/L**		<0.3
Methyl-tert-butylether (MTBE)	**mg/L**	3.4	<0.004
Styrene	**mg/L**		0.00086
Toluene	**mg/L**		<0.0004
Xylenes (Total)	**mg/L**		<0.0004
m & p-Xylene	**mg/L**		<0.0004

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

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

		BC Approved Water Quality Guideline - Freshwater Aquatic Life - Short Term Maximum	End of Pipe
			WLNG-EOP
			2025-03-25 11:15:00
Organics			
o-Xylene	**mg/L**		<0.0004
2,3,4,5-tetrachlorophenol	**mg/L**	3.4	<0.0001
2,3,4,6-tetrachlorophenol	**mg/L**	9.8	<0.0001
2,3,4-trichlorophenol	**mg/L**	4.4	<0.0001
2,3,5,6-tetrachlorophenol	**mg/L**	4.4	<0.0001
2,3,5-trichlorophenol	**mg/L**	4.4	<0.0001
2,3,6-Trichlorophenol	**mg/L**	14.4	<0.0001
2,3-Dichlorophenol	**mg/L**	10.2	<0.0001
2,4 + 2,5-Dichlorophenol	**mg/L**		<0.0001
2,4,5-trichlorophenol	**mg/L**	4	<0.0001
2,4,6-trichlorophenol	**mg/L**	10.6	<0.0001
2,4-dimethylphenol	**mg/L**		<0.0005
2,4-dinitrophenol	**mg/L**		<0.0005
2,6-Dimethylphenol	**mg/L**		<0.0005
2,6-dichlorophenol	**mg/L**	18.2	<0.0001
2-Hydroxyphenol (Catechol)	**mg/L**		<0.01
2-chlorophenol	**mg/L**	34	<0.00008
2-methylphenol	**mg/L**		<0.0005
2-nitrophenol	**mg/L**		<0.0005
3 & 4-chlorophenol	**mg/L**		<0.00008
3 & 4-methylphenol	**mg/L**		<0.0005
3,4,5-Trichlorophenol	**mg/L**	1.8	<0.0001
3,4-Dichlorophenol	**mg/L**	5.4	<0.0001
3,4-Dimethylphenol	**mg/L**		<0.0005
3,5-Dichlorophenol	**mg/L**	4	<0.0001
3-Hydroxyphenol (Resorcinol)	**mg/L**	0.0125	<0.01
4,6-dinitro-2-methylphenol	**mg/L**		<0.0005
4-Chloro-3-Methylphenol	**mg/L**		<0.001
4-Hydroxyphenol (Hydroquinone)	**mg/L**	0.0045	<0.0014
4-nitrophenol	**mg/L**		<0.0005
Pentachlorophenol	**mg/L**		<0.0001
Phenol	**mg/L**		<0.0005
Total Chlorophenols	**mg/L**		<0.0001
Total Dichlorophenols	**mg/L**		<0.0001
Total Monochlorophenols	**mg/L**		<0.00008
Total Nonchlorinated Phenols	**mg/L**		<0.01
Total Phenolic Compounds	**mg/L**		<0.01
Total Tetrachlorophenols	**mg/L**		<0.0001
Total Trichlorophenols	**mg/L**		<0.0001
o-Xylene	**mg/L**	-	<0.0004

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

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

Woodfibre Site WTP Discharge Field Notes and Logs

FRONTIER-KEMPER MICHELS® joint venture		Eagle Mountain- Woodfibre Gas Pipeline Project- Tunnel Scope	
Title	**WoodFibre Weekly Water Discharge Report**	**Revision:**	**0**
Data Date Range	**March 24, 2025 to March 30, 2025**	**Prepared by:** **Approved by:** **Date:**	**SD** **BC2** **April 04, 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 March 24 was 133,154 m³. On March 26, tunnel water seeped into the non-contact water sump at the portal entry, which pumps clean rainwater to East Creek. The issue was promptly resolved. Some NTU spikes were observed during this event.
On March 28, elevated NTU levels (>10 NTU) and pH readings were recorded at the D/S East Creek Sonde. The pH probe was calibrated and replaced on March 29.
All out-of-range NTU and pH values were reported to FEI the following day.

Daily Volume Summary:

Table 1: Discharge Volumes Daily Summary

Date	Location	Volume (m3)	Comments
March 24	Woodfibre (WF)	1,853	Exceeded discharge volume limit
March 25	WF	1,977	Exceeded discharge volume limit
March 26	WF	1,815	Exceeded discharge volume limit
March 27	WF	2,018	Exceeded discharge volume limit

March 28	WF	1,734	Exceeded discharge volume limit
March 29	WF	1,887	Exceeded discharge volume limit
March 30	WF	1,814	Exceeded discharge volume limit
	Total	13,098	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)
3/24/2025	0:00:00	7.6	0.193	4.9	133,154	11.2	276
3/24/2025	0:15:00	7.6	1.983	8.2	133,165	11.5	272
3/24/2025	0:30:00	7.6	2.040	4.7	133,192	11.4	272
3/24/2025	0:45:00	7.7	1.949	5	133,222	11.5	269
3/24/2025	1:00:00	7.7	1.968	13.1	133,235	12	273
3/24/2025	1:15:00	7.7	1.915	3.8	133,264	11.7	274
3/24/2025	1:30:00	7.7	1.972	6.4	133,291	11.8	274
3/24/2025	1:45:00	7.7	1.896	6	133,320	11.7	275
3/24/2025	2:00:00	7.7	0.000	3.4	133,332	11.8	276
3/24/2025	2:15:00	7.7	1.881	7.9	133,333	12.5	278
3/24/2025	2:30:00	7.7	1.964	6.5	133,359	11.7	278
3/24/2025	2:45:00	7.7	1.904	4.5	133,388	11.7	278
3/24/2025	3:00:00	7.7	1.824	6.8	133,416	11.8	277
3/24/2025	3:15:00	7.7	1.764	11.6	133,443	11.8	275
3/24/2025	4:00:00	7.7	1.942	8.4	133,472	11.5	277
3/24/2025	4:15:00	7.7	1.866	8.2	133,501	11.6	277
3/24/2025	4:30:00	7.7	0.000	3.9	133,513	11.8	277
3/24/2025	4:45:00	7.7	0.000	2.7	133,513	12.5	276
3/24/2025	5:00:00	7.7	1.821	4.7	133,537	11.9	273
3/24/2025	5:15:00	7.7	1.775	4.5	133,564	11.9	274
3/24/2025	5:30:00	7.7	1.749	4.7	133,590	12	271

FRONTIER-KEMPER MICHELS® joint venture		Eagle Mountain- Woodfibre Gas Pipeline Project- Tunnel Scope	
Title	**WoodFibre Weekly Water Discharge Report**	**Revision:**	**0**
Data Date Range	**March 24, 2025 to March 30, 2025**	**Prepared by:** **Approved by:** **Date:**	**SD** **BC2** **April 04, 2025**

Date	Time	Discharge pH	Flow Rate (m3)	Discharge NTU	Flow Total (m3)	Discharge Temperature (°C)	Discharge Conductivity (uS/cm)
3/24/2025	5:45:00	7.7	1.938	31.1	133,614	12.2	273
3/24/2025	6:00:00	7.7	1.893	1.7	133,643	12	273
3/24/2025	6:15:00	7.7	0.000	1.6	133,651	12.5	271
3/24/2025	6:30:00	7.7	1.840	4	133,656	13.4	272
3/24/2025	6:45:00	7.7	1.964	18.7	133,680	12.4	273
3/24/2025	7:00:00	7.7	1.908	3.6	133,709	12.1	272
3/24/2025	7:15:00	7.7	2.021	3.8	133,725	11.9	273
3/24/2025	7:30:00	7.7	1.949	2.2	133,755	12	273
3/24/2025	7:45:00	7.7	1.877	1.6	133,783	12	273
3/24/2025	8:45:00	7.7	1.442	5.8	133,820	11.6	274
3/24/2025	9:00:00	7.6	1.851	8.8	133,847	11.2	272
3/24/2025	9:15:00	7.7	1.802	6	133,874	11.2	272
3/24/2025	9:30:00	7.6	1.745	6.3	133,901	11.1	273
3/24/2025	9:45:00	7.6	1.291	16	133,926	11.2	276
3/24/2025	10:00:00	7.7	0.992	12.9	133,934	11.1	281
3/24/2025	10:15:00	7.7	1.370	15.8	133,940	11.2	284
3/24/2025	10:30:00	7.7	1.624	4.6	133,962	11.2	286
3/24/2025	10:45:00	7.7	1.241	3.3	133,986	11.5	283
3/24/2025	11:00:00	7.6	1.665	7.8	134,008	13.3	286
3/24/2025	11:15:00	7.6	1.593	2.3	134,033	13.7	285
3/24/2025	11:30:00	7.6	0.867	3	134,055	14.2	285
3/24/2025	12:00:00	7.6	1.597	5.1	134,084	11.5	281
3/24/2025	12:15:00	7.6	1.563	5.4	134,108	11.4	281
3/24/2025	12:30:00	7.6	1.207	9.2	134,130	11.6	283
3/24/2025	12:45:00	7.6	1.567	3.9	134,152	11.4	285

Date	Time	Discharge pH	Flow Rate (m3)	Discharge NTU	Flow Total (m3)	Discharge Temperature (°C)	Discharge Conductivity (uS/cm)
3/24/2025	13:00:00	7.6	0.098	21	134,169	11.4	287
3/24/2025	13:15:00	7.6	1.650	4.1	134,184	11.4	286
3/24/2025	13:30:00	7.6	1.646	4.1	134,209	11.6	286
3/24/2025	14:00:00	7.6	1.575	4.6	134,242	12.3	283
3/24/2025	14:15:00	7.6	0.863	11.6	134,264	12.6	283
3/24/2025	14:30:00	7.6	1.715	11.4	134,269	12.6	279
3/24/2025	14:45:00	7.6	1.737	4.1	134,289	12.5	283
3/24/2025	15:00:00	7.6	1.688	4	134,315	12.7	277
3/24/2025	15:30:00	7.6	1.597	3.1	134,350	12.5	274
3/24/2025	16:00:00	7.6	1.643	4.5	134,377	12.8	278
3/24/2025	16:15:00	7.6	1.601	3	134,401	13	278
3/24/2025	16:30:00	7.6	1.548	2.3	134,425	13.1	278
3/24/2025	17:00:00	7.6	1.575	3.5	134,439	12.7	277
3/24/2025	17:15:00	7.7	1.548	3.1	134,462	12.6	276
3/24/2025	17:30:00	7.7	1.537	4	134,486	12.7	278
3/24/2025	18:00:00	7.7	1.631	4.2	134,509	12.4	279
3/24/2025	18:15:00	7.7	1.597	4.2	134,533	12.4	281
3/24/2025	18:30:00	7.7	1.578	6	134,557	12.4	281
3/24/2025	18:45:00	7.7	1.571	4.7	134,581	12.5	279
3/24/2025	19:00:00	7.7	1.245	4.1	134,592	12.5	281
3/24/2025	19:15:00	7.6	1.548	3.4	134,614	12.2	283
3/24/2025	19:30:00	7.6	1.472	4.6	134,637	12.2	283
3/24/2025	20:00:00	7.6	1.658	3.1	134,655	12.1	284
3/24/2025	20:15:00	7.6	1.605	4	134,679	12	284
3/24/2025	20:30:00	7.6	1.586	10.4	134,703	11.9	284

Date	Time	Discharge pH	Flow Rate (m3)	Discharge NTU	Flow Total (m3)	Discharge Temperature (°C)	Discharge Conductivity (uS/cm)
3/24/2025	20:45:00	7.6	1.578	7.8	134,726	11.8	284
3/24/2025	21:00:00	7.6	1.643	9	134,746	11.8	284
3/24/2025	21:15:00	7.6	1.601	13	134,771	11.7	282
3/24/2025	21:30:00	7.6	1.601	11.8	134,795	11.8	281
3/24/2025	21:45:00	7.5	1.571	12.6	134,819	11.8	281
3/24/2025	22:00:00	7.5	1.654	11	134,840	11.8	281
3/24/2025	22:15:00	7.5	1.628	12.1	134,865	11.8	281
3/24/2025	22:30:00	7.5	1.605	10.4	134,889	11.8	281
3/24/2025	22:45:00	7.5	1.597	10.9	134,914	11.8	281
3/24/2025	23:00:00	7.5	1.631	10.3	134,935	11.8	281
3/24/2025	23:15:00	7.5	1.612	6.4	134,960	11.8	281
3/24/2025	23:30:00	7.6	1.571	5.6	134,984	11.8	281
3/24/2025	23:45:00	7.6	1.563	9	135,007	11.7	281
3/25/2025	0:00:00	7.6	1.669	9.8	135,019	11.6	279
3/25/2025	0:15:00	7.6	1.650	2.2	135,044	11.9	280
3/25/2025	0:30:00	7.6	1.083	2.4	135,063	12.4	278
3/25/2025	0:45:00	7.6	2.010	15.1	135,071	13.4	281
3/25/2025	1:00:00	7.6	2.150	12	135,094	12.2	281
3/25/2025	1:15:00	7.7	2.093	12.1	135,114	12	282
3/25/2025	1:30:00	7.7	1.991	8.6	135,145	11.8	283
3/25/2025	1:45:00	7.7	1.915	7.9	135,174	11.9	285
3/25/2025	2:30:00	7.6	2.040	6.9	135,204	11.9	283
3/25/2025	2:45:00	7.7	1.968	10.4	135,233	12	282
3/25/2025	3:00:00	7.6	2.044	37.2	135,252	12	283
3/25/2025	3:15:00	7.6	1.998	8.5	135,282	11.9	283

Date	Time	Discharge pH	Flow Rate (m3)	Discharge NTU	Flow Total (m3)	Discharge Temperature (°C)	Discharge Conductivity (uS/cm)
3/25/2025	3:30:00	7.6	1.908	5.8	135,311	11.9	283
3/25/2025	4:45:00	7.6	1.503	22.9	135,331	12.8	284
3/25/2025	5:00:00	7.6	2.089	5.5	135,363	11.9	281
3/25/2025	5:15:00	7.6	2.025	13.1	135,393	12	281
3/25/2025	5:30:00	7.6	1.927	22.2	135,423	12	283
3/25/2025	5:45:00	7.6	0.000	12.2	135,434	12.5	284
3/25/2025	6:00:00	7.6	1.938	19.3	135,438	13.7	287
3/25/2025	6:15:00	7.6	1.930	7.9	135,467	12.3	283
3/25/2025	6:30:00	7.6	1.911	15.3	135,496	12.3	283
3/25/2025	7:00:00	7.6	2.169	20.8	135,521	11.7	282
3/25/2025	7:15:00	7.6	2.157	21.3	135,527	11.9	283
3/25/2025	8:00:00	7.6	2.241	10.5	135,547	12.1	281
3/25/2025	8:15:00	7.6	2.135	6.2	135,580	11.8	280
3/25/2025	8:30:00	7.6	2.048	13.4	135,612	11.7	282
3/25/2025	8:45:00	7.6	1.457	8.1	135,642	11.7	281
3/25/2025	9:00:00	7.6	1.919	7.3	135,660	11.6	281
3/25/2025	9:15:00	7.6	1.862	13.2	135,688	11.5	281
3/25/2025	9:45:00	7.6	1.098	8.3	135,713	11.4	278
3/25/2025	10:00:00	7.6	1.870	10.3	135,737	11.2	280
3/25/2025	10:15:00	7.6	1.847	6.5	135,764	11.2	280
3/25/2025	10:30:00	7.6	1.817	5.1	135,792	11.2	280
3/25/2025	10:45:00	7.6	1.264	3.5	135,819	11.1	280
3/25/2025	11:00:00	7.6	1.889	4.2	135,843	11.1	282
3/25/2025	11:15:00	7.6	1.862	7.2	135,871	11.1	282
3/25/2025	11:30:00	7.6	1.840	4.5	135,899	11	282

Date	Time	Discharge pH	Flow Rate (m3)	Discharge NTU	Flow Total (m3)	Discharge Temperature (°C)	Discharge Conductivity (uS/cm)
3/25/2025	11:45:00	7.6	1.828	6	135,926	11	282
3/25/2025	12:00:00	7.6	0.000	25.8	135,952	11.1	279
3/25/2025	12:30:00	7.6	1.866	6	135,970	11.1	278
3/25/2025	12:45:00	7.6	1.930	4.5	135,999	11.3	279
3/25/2025	13:00:00	7.6	1.900	4.5	136,027	11.5	277
3/25/2025	13:15:00	7.6	1.877	6.9	136,056	11.6	276
3/25/2025	13:30:00	7.6	1.836	5.8	136,083	11.7	276
3/25/2025	13:45:00	7.6	1.836	5.5	136,110	11.9	276
3/25/2025	14:00:00	7.6	1.824	8.7	136,138	12	278
3/25/2025	14:15:00	7.6	1.930	5.2	136,158	11.9	281
3/25/2025	14:30:00	7.6	1.866	22.8	136,179	11.9	279
3/25/2025	14:45:00	7.6	1.745	20.5	136,182	12.4	279
3/25/2025	15:00:00	7.6	1.752	3.7	136,208	12.4	279
3/25/2025	15:15:00	7.6	1.889	5.2	136,236	12.3	281
3/25/2025	15:30:00	7.6	1.866	6.1	136,265	12.4	281
3/25/2025	15:45:00	7.6	1.851	5.9	136,292	12.5	279
3/25/2025	16:00:00	7.6	1.628	20.8	136,306	12.5	278
3/25/2025	16:15:00	7.6	1.760	23	136,331	11.9	275
3/25/2025	16:30:00	7.6	1.756	10.8	136,355	11.6	276
3/25/2025	16:45:00	7.6	1.764	8.1	136,381	11.7	277
3/25/2025	17:00:00	7.6	1.817	7.1	136,399	11.9	276
3/25/2025	17:15:00	7.6	1.760	6.6	136,426	11.5	276
3/25/2025	17:30:00	7.6	1.817	6.9	136,453	11.6	276
3/25/2025	17:45:00	7.6	1.117	6.2	136,458	12.2	274
3/25/2025	18:00:00	7.6	1.590	4.6	136,482	11.7	276

FRONTIER-KEMPER MICHELS® joint venture		Eagle Mountain- Woodfibre Gas Pipeline Project- Tunnel Scope	
Title	**WoodFibre Weekly Water Discharge Report**	**Revision:**	**0**
Data Date Range	**March 24, 2025 to March 30, 2025**	**Prepared by:** **Approved by:** **Date:**	**SD** **BC2** **April 04, 2025**

Date	Time	Discharge pH	Flow Rate (m3)	Discharge NTU	Flow Total (m3)	Discharge Temperature (°C)	Discharge Conductivity (uS/cm)
3/25/2025	18:15:00	7.5	1.586	3.9	136,506	11.6	282
3/25/2025	18:30:00	7.5	1.567	4.5	136,530	11.5	288
3/25/2025	18:45:00	7.4	0.443	4.8	136,548	11.7	288
3/25/2025	19:00:00	7.4	1.669	3.8	136,565	12	293
3/25/2025	19:15:00	7.4	1.631	3.4	136,590	12.1	293
3/25/2025	19:30:00	7.4	1.635	3.1	136,614	12.4	292
3/25/2025	19:45:00	7.4	1.609	4.5	136,639	12.6	292
3/25/2025	20:00:00	7.4	1.609	5.8	136,663	12.6	292
3/25/2025	20:15:00	7.4	1.597	10.7	136,687	11.9	289
3/25/2025	20:30:00	7.5	1.593	13.9	136,711	12.6	114
3/25/2025	20:45:00	7.5	0.288	26.7	136,726	11.2	286
3/25/2025	21:00:00	7.5	0.269	11	136,743	11.8	114
3/25/2025	21:15:00	7.4	0.299	13.8	136,748	13.4	114
3/25/2025	21:30:00	7.5	1.923	12.8	136,769	11.3	283
3/25/2025	21:45:00	7.5	1.419	10.3	136,795	11.3	284
3/25/2025	22:00:00	7.5	1.927	5.2	136,823	11.1	282
3/25/2025	22:15:00	7.6	1.881	6.4	136,852	11.1	282
3/25/2025	22:30:00	7.6	1.817	12.4	136,880	11.1	281
3/25/2025	23:00:00	7.6	1.904	8.5	136,925	11.1	281
3/25/2025	23:15:00	7.6	1.832	12.4	136,953	11.2	277
3/25/2025	23:30:00	7.6	1.787	7.9	136,980	11.3	278
3/26/2025	1:15:00	7.6	1.802	3.8	137,014	11.3	278
3/26/2025	1:30:00	7.6	1.771	4.8	137,041	11.3	277
3/26/2025	2:00:00	7.5	1.919	4.1	137,085	11.2	279
3/26/2025	2:15:00	7.5	1.885	5.3	137,113	11.2	279

Date	Time	Discharge pH	Flow Rate (m3)	Discharge NTU	Flow Total (m3)	Discharge Temperature (°C)	Discharge Conductivity (uS/cm)
3/26/2025	2:30:00	7.5	1.817	6.1	137,141	11.3	281
3/26/2025	2:45:00	7.6	1.949	22.6	137,167	11.4	281
3/26/2025	3:00:00	7.6	1.885	7.2	137,195	11.3	281
3/26/2025	3:15:00	7.6	0.182	4.4	137,204	11.7	279
3/26/2025	3:30:00	7.6	0.526	23.3	137,224	11.5	281
3/26/2025	3:45:00	7.7	1.855	9.6	137,247	11.7	284
3/26/2025	4:00:00	7.7	1.817	13.7	137,275	11.9	283
3/26/2025	4:15:00	7.7	0.000	7.6	137,282	12.8	289
3/26/2025	4:30:00	7.7	1.336	35.8	137,291	12.1	284
3/26/2025	4:45:00	7.7	1.911	10.3	137,318	11.8	283
3/26/2025	5:00:00	7.7	1.874	12.7	137,346	11.7	283
3/26/2025	5:15:00	7.7	1.802	10.2	137,374	11.6	283
3/26/2025	5:30:00	7.6	1.416	17.7	137,399	11.6	282
3/26/2025	5:45:00	7.6	1.893	18	137,426	11.3	284
3/26/2025	6:00:00	7.6	1.874	19.5	137,454	11.2	286
3/26/2025	6:15:00	7.6	1.809	17.9	137,482	11.2	286
3/26/2025	6:30:00	7.6	0.424	15.2	137,505	11.1	281
3/26/2025	6:45:00	7.6	1.855	15.8	137,528	11	281
3/26/2025	7:00:00	7.6	1.915	20.1	137,556	11.1	279
3/26/2025	7:15:00	7.6	1.870	34.8	137,585	11.1	279
3/26/2025	7:30:00	7.6	0.000	26.4	137,587	11.7	279
3/26/2025	7:45:00	7.5	1.824	14.2	137,605	11.2	279
3/26/2025	8:00:00	7.5	1.737	18.5	137,631	11.1	283
3/26/2025	8:30:00	7.5	1.510	6.7	137,652	11.1	285
3/26/2025	8:45:00	7.5	1.514	6.4	137,675	11.2	283

Date	Time	Discharge pH	Flow Rate (m3)	Discharge NTU	Flow Total (m3)	Discharge Temperature (°C)	Discharge Conductivity (uS/cm)
3/26/2025	9:00:00	7.5	1.491	10.2	137,697	11.4	282
3/26/2025	9:15:00	7.5	0.912	22.8	137,705	11.3	285
3/26/2025	9:30:00	7.5	1.476	5.7	137,726	11.5	285
3/26/2025	9:45:00	7.5	1.446	4.3	137,748	11.7	283
3/26/2025	10:00:00	7.5	1.442	1.6	137,769	11.7	281
3/26/2025	10:15:00	7.5	1.404	2.4	137,788	12.1	283
3/26/2025	10:30:00	7.5	1.419	2.2	137,809	12.1	283
3/26/2025	10:45:00	7.5	1.423	1.8	137,830	12.3	281
3/26/2025	11:00:00	7.6	1.313	2.8	137,844	12.1	281
3/26/2025	11:15:00	7.6	1.317	2	137,864	12.2	281
3/26/2025	11:30:00	7.6	1.347	1.7	137,884	12.1	279
3/26/2025	11:45:00	7.6	1.677	6.7	137,905	11.9	278
3/26/2025	12:00:00	7.6	1.669	1.5	137,930	11.8	278
3/26/2025	12:15:00	7.6	1.639	0.9	137,955	11.7	278
3/26/2025	12:30:00	7.6	1.612	2	137,979	11.7	278
3/26/2025	12:45:00	7.6	1.601	1.3	138,003	11.7	278
3/26/2025	13:00:00	7.6	1.597	1.2	138,027	11.7	279
3/26/2025	13:15:00	7.6	0.655	0.5	138,037	12.2	281
3/26/2025	13:30:00	7.6	1.510	1.3	138,057	11.8	282
3/26/2025	13:45:00	7.6	1.514	2.1	138,071	11.9	279
3/26/2025	14:00:00	7.6	1.491	0.9	138,094	11.9	279
3/26/2025	14:15:00	7.6	1.540	0.7	138,116	12	279
3/26/2025	14:30:00	7.6	1.472	0.7	138,139	12.4	279
3/26/2025	14:45:00	7.5	1.484	0.6	138,161	12.8	279
3/26/2025	15:00:00	7.5	1.453	0.4	138,184	13.2	279

Date	Time	Discharge pH	Flow Rate (m3)	Discharge NTU	Flow Total (m3)	Discharge Temperature (°C)	Discharge Conductivity (uS/cm)
3/26/2025	15:15:00	7.5	1.446	0.6	138,206	13.7	279
3/26/2025	15:30:00	7.5	0.836	0.6	138,222	14.2	279
3/26/2025	16:00:00	7.5	1.537	1.8	138,244	12.9	279
3/26/2025	16:15:00	7.5	1.495	1	138,267	13.7	278
3/26/2025	16:30:00	7.6	1.987	2.2	138,295	12.2	274
3/26/2025	16:45:00	7.6	1.934	2.2	138,324	12.2	277
3/26/2025	17:00:00	7.7	1.938	3.1	138,353	12.2	274
3/26/2025	17:15:00	7.7	1.900	2.5	138,382	12.3	274
3/26/2025	17:30:00	7.7	1.927	7.3	138,408	13.4	274
3/26/2025	17:45:00	7.7	1.855	2.1	138,436	12.6	272
3/26/2025	18:00:00	7.7	1.828	2.4	138,464	12.6	272
3/26/2025	18:15:00	7.7	1.798	3.1	138,491	12.5	272
3/26/2025	18:30:00	7.7	1.775	3.5	138,518	12.4	273
3/26/2025	19:00:00	7.7	1.862	3.1	138,536	12.9	276
3/26/2025	19:15:00	7.7	1.813	1.4	138,563	13.2	276
3/26/2025	19:45:00	7.7	1.741	2.6	138,615	12.6	273
3/26/2025	20:00:00	7.7	1.703	3	138,641	12.4	272
3/26/2025	20:15:00	7.7	1.662	11.4	138,666	12.3	271
3/26/2025	21:45:00	7.7	1.764	16.5	138,708	11.8	269
3/26/2025	22:15:00	7.7	1.783	15.4	138,727	11.8	269
3/26/2025	23:15:00	7.7	1.866	6.5	138,773	11.7	272
3/26/2025	23:30:00	7.7	1.836	11.4	138,801	11.6	270
3/27/2025	0:30:00	7.6	2.226	5.9	138,837	11.5	271
3/27/2025	0:45:00	7.6	2.157	8.6	138,870	11.5	271
3/27/2025	1:00:00	7.7	2.067	14.8	138,901	11.5	271

Date	Time	Discharge pH	Flow Rate (m3)	Discharge NTU	Flow Total (m3)	Discharge Temperature (°C)	Discharge Conductivity (uS/cm)
3/27/2025	1:15:00	7.7	2.180	17.7	138,930	11.6	269
3/27/2025	1:30:00	7.7	0.000	15.1	138,943	12.2	269
3/27/2025	1:45:00	7.7	0.000	8.7	138,943	13.2	267
3/27/2025	2:00:00	7.7	2.040	10	138,970	12	265
3/27/2025	2:15:00	7.7	2.245	4.9	138,999	11.8	266
3/27/2025	2:30:00	7.7	2.142	10.5	139,032	11.9	271
3/27/2025	2:45:00	7.7	2.006	17.3	139,063	11.9	269
3/27/2025	3:00:00	7.7	0.000	5	139,077	12.3	271
3/27/2025	3:15:00	7.7	0.000	11.9	139,078	13.7	269
3/27/2025	3:30:00	7.7	0.000	5.4	139,078	14.5	269
3/27/2025	4:15:00	7.7	2.051	14.1	139,097	11.8	273
3/27/2025	4:30:00	7.7	1.968	10.9	139,128	11.8	272
3/27/2025	4:45:00	7.7	1.938	12.9	139,157	11.7	269
3/27/2025	5:00:00	7.6	1.998	10.2	139,186	11.7	269
3/27/2025	5:15:00	7.6	2.014	7	139,216	11.7	269
3/27/2025	6:00:00	7.7	2.154	26.6	139,254	11.6	271
3/27/2025	6:15:00	7.7	0.235	11	139,283	11.6	268
3/27/2025	6:30:00	7.6	0.000	8	139,283	12.3	266
3/27/2025	6:45:00	7.7	2.025	7.4	139,306	11.7	266
3/27/2025	7:00:00	7.7	1.953	5.9	139,336	11.7	267
3/27/2025	7:15:00	7.7	1.893	7.7	139,365	11.8	268
3/27/2025	7:30:00	7.7	0.000	5.2	139,376	12.3	266
3/27/2025	7:45:00	7.7	2.279	3.9	139,392	11.6	269
3/27/2025	8:00:00	7.7	2.173	4.5	139,425	11.6	267
3/27/2025	8:15:00	7.7	2.074	5.5	139,457	11.7	267

Date	Time	Discharge pH	Flow Rate (m3)	Discharge NTU	Flow Total (m3)	Discharge Temperature (°C)	Discharge Conductivity (uS/cm)
3/27/2025	8:30:00	7.7	1.980	7.1	139,487	11.6	267
3/27/2025	8:45:00	7.7	0.420	20.8	139,512	11.6	267
3/27/2025	9:00:00	7.7	1.514	2.5	139,526	11.8	267
3/27/2025	9:15:00	7.7	1.760	4.9	139,551	11.7	266
3/27/2025	9:30:00	7.7	1.699	4.5	139,577	11.7	266
3/27/2025	9:45:00	7.7	1.662	5.3	139,602	11.8	266
3/27/2025	10:00:00	7.7	0.450	3.4	139,624	11.9	266
3/27/2025	10:15:00	7.6	1.529	1.3	139,639	11.8	266
3/27/2025	10:30:00	7.6	1.938	8.7	139,665	11.7	265
3/27/2025	10:45:00	7.6	1.938	4.6	139,694	11.6	265
3/27/2025	11:00:00	7.6	1.889	4.6	139,722	11.6	263
3/27/2025	11:15:00	7.6	1.874	9.1	139,750	11.7	263
3/27/2025	11:30:00	7.6	1.802	5.6	139,778	11.8	266
3/27/2025	11:45:00	7.6	1.775	5.6	139,805	11.9	266
3/27/2025	12:00:00	7.6	1.771	6.3	139,832	12	266
3/27/2025	12:15:00	7.6	1.764	7.4	139,858	12.1	266
3/27/2025	12:30:00	7.6	1.752	7.3	139,885	12.2	266
3/27/2025	12:45:00	7.6	1.207	8.6	139,907	12.7	264
3/27/2025	13:00:00	7.6	1.915	15	139,933	12.1	264
3/27/2025	13:15:00	7.6	1.821	7.9	139,961	12.1	264
3/27/2025	13:30:00	7.6	1.264	3.7	139,980	12.1	266
3/27/2025	13:45:00	7.6	1.245	2.9	139,998	12.1	266
3/27/2025	14:00:00	7.6	0.886	3.8	140,015	12.2	266
3/27/2025	14:15:00	7.6	1.329	2.7	140,034	11.9	269
3/27/2025	14:30:00	7.5	1.223	4	140,054	11.9	272

Date	Time	Discharge pH	Flow Rate (m3)	Discharge NTU	Flow Total (m3)	Discharge Temperature (°C)	Discharge Conductivity (uS/cm)
3/27/2025	14:45:00	7.5	1.302	6.9	140,073	11.9	277
3/27/2025	15:00:00	7.5	0.908	9.4	140,090	12.3	277
3/27/2025	15:15:00	7.4	1.298	13.9	140,109	12	282
3/27/2025	15:30:00	7.4	0.481	17.5	140,125	12.2	287
3/27/2025	15:45:00	7.3	1.260	26.7	140,142	12.1	295
3/27/2025	16:00:00	7.3	1.298	38.3	140,162	12.1	299
3/27/2025	16:15:00	7.3	1.264	16.7	140,182	12.5	298
3/27/2025	16:30:00	7.2	1.219	15.3	140,201	13.3	299
3/27/2025	16:45:00	7.2	1.196	13.6	140,219	14.1	300
3/27/2025	17:00:00	7.2	1.537	17	140,239	12.5	299
3/27/2025	17:15:00	7.2	1.499	17.1	140,261	12.3	299
3/27/2025	17:30:00	7.2	1.435	12.8	140,283	13.3	299
3/27/2025	17:45:00	7.2	1.457	10	140,306	12.8	298
3/27/2025	18:00:00	7.2	1.435	11.3	140,327	13.3	299
3/27/2025	18:15:00	7.2	1.771	20.1	140,347	12	298
3/27/2025	18:30:00	7.3	1.949	13.7	140,374	11.8	297
3/27/2025	18:45:00	7.3	1.877	21.4	140,403	11.8	295
3/27/2025	19:00:00	7.3	1.881	15.7	140,431	11.8	289
3/27/2025	19:15:00	7.3	0.655	24.6	140,452	12.3	289
3/27/2025	19:30:00	7.3	1.472	9.6	140,464	12.2	287
3/27/2025	19:45:00	7.3	1.469	5.5	140,486	12.7	292
3/27/2025	20:00:00	7.3	1.469	3.7	140,508	13.3	292
3/27/2025	20:15:00	7.3	1.453	3	140,530	13.9	292
3/27/2025	20:30:00	7.3	2.214	3.3	140,552	14.3	291
3/27/2025	20:45:00	7.3	2.233	11.8	140,585	11.8	288

Date	Time	Discharge pH	Flow Rate (m3)	Discharge NTU	Flow Total (m3)	Discharge Temperature (°C)	Discharge Conductivity (uS/cm)
3/27/2025	21:00:00	7.4	2.142	11.7	140,617	11.8	286
3/27/2025	21:15:00	7.4	2.135	11.4	140,650	11.9	284
3/27/2025	21:30:00	7.4	2.036	69.6	140,681	11.9	283
3/27/2025	21:45:00	7.4	1.896	28.9	140,712	11.9	283
3/27/2025	22:00:00	7.4	0.163	13	140,714	12.4	283
3/27/2025	22:15:00	7.5	0.708	13.7	140,724	11.6	279
3/27/2025	22:30:00	7.5	2.033	7.9	140,754	11.6	278
3/27/2025	22:45:00	7.6	1.919	11.4	140,784	11.5	278
3/27/2025	23:00:00	7.6	0.484	10.6	140,804	11.7	278
3/27/2025	23:15:00	7.6	0.655	19.6	140,813	11.6	281
3/27/2025	23:30:00	7.7	0.000	3.5	140,826	11.5	286
3/27/2025	23:45:00	7.6	0.106	2.7	140,830	12.2	284
3/28/2025	0:00:00	7.6	2.044	2.3	140,856	11.4	298
3/28/2025	0:15:00	7.6	1.575	6.5	140,885	11.5	304
3/28/2025	0:30:00	7.6	1.885	47.8	140,913	11.5	306
3/28/2025	0:45:00	7.7	0.712	5.6	140,934	11.4	313
3/28/2025	1:00:00	7.8	0.288	9.4	140,960	11.6	316
3/28/2025	1:15:00	7.9	0.114	7.5	140,961	12.2	316
3/28/2025	1:30:00	7.9	1.915	6.7	140,971	11.8	314
3/28/2025	1:45:00	7.9	1.665	13.3	140,997	11.8	312
3/28/2025	2:00:00	8	2.040	5.6	141,028	11.5	314
3/28/2025	2:15:00	8.1	1.942	12.4	141,058	11.5	320
3/28/2025	2:30:00	8.2	0.397	13.4	141,066	12.1	314
3/28/2025	2:45:00	8.3	0.715	19.6	141,079	11.8	319
3/28/2025	3:00:00	8.5	2.036	23.6	141,108	11.5	324

Date	Time	Discharge pH	Flow Rate (m3)	Discharge NTU	Flow Total (m3)	Discharge Temperature (°C)	Discharge Conductivity (uS/cm)
3/28/2025	3:15:00	8.8	2.176	26	141,128	11.4	334
3/28/2025	7:45:00	7.5	1.938	8.5	141,145	11.5	333
3/28/2025	8:00:00	7.4	1.525	13.1	141,171	11.6	332
3/28/2025	8:15:00	7.4	0.564	17.4	141,193	11.6	331
3/28/2025	8:30:00	7.5	1.503	16.9	141,200	11.7	337
3/28/2025	8:45:00	7.5	0.670	13.2	141,211	12.1	343
3/28/2025	9:00:00	7.6	2.188	10.9	141,229	12.4	348
3/28/2025	9:15:00	7.6	2.127	4.2	141,261	11.3	330
3/28/2025	9:30:00	7.7	2.123	4	141,293	11.1	322
3/28/2025	9:45:00	7.7	2.033	3.3	141,324	11.1	318
3/28/2025	10:00:00	7.8	1.927	9	141,354	11.1	316
3/28/2025	10:15:00	7.8	1.930	9	141,383	11.1	312
3/28/2025	10:30:00	7.8	1.847	14.1	141,411	11.2	309
3/28/2025	10:45:00	7.8	0.795	13.1	141,437	11.4	309
3/28/2025	11:00:00	7.8	0.000	10.1	141,447	11.5	304
3/28/2025	11:15:00	7.8	1.442	1.9	141,459	11.4	304
3/28/2025	11:30:00	7.8	1.843	14.8	141,479	11.6	301
3/28/2025	11:45:00	7.9	1.915	7.7	141,495	11.3	296
3/28/2025	12:00:00	7.9	1.858	10.1	141,524	11.2	293
3/28/2025	12:15:00	7.8	2.010	10.5	141,553	11.5	293
3/28/2025	12:30:00	7.6	1.821	9.7	141,582	11.6	296
3/28/2025	12:45:00	7.3	1.775	11.3	141,609	11.4	302
3/28/2025	13:00:00	7.3	1.688	7.9	141,625	11.5	302
3/28/2025	13:15:00	7.4	1.783	6.2	141,650	11.3	299
3/28/2025	13:30:00	7.2	1.726	5.2	141,677	11.3	303

Date	Time	Discharge pH	Flow Rate (m3)	Discharge NTU	Flow Total (m3)	Discharge Temperature (°C)	Discharge Conductivity (uS/cm)
3/28/2025	13:45:00	7.4	1.707	5.7	141,703	11.5	282
3/28/2025	14:00:00	7.3	1.336	9.4	141,723	11.3	284
3/28/2025	14:15:00	7.4	0.791	4.9	141,741	11.3	281
3/28/2025	14:30:00	7.5	0.780	4	141,753	11.8	282
3/28/2025	14:45:00	7.5	0.780	3.9	141,765	12.3	281
3/28/2025	15:00:00	7.2	1.522	6.4	141,781	11.3	301
3/28/2025	15:15:00	7.3	1.715	7.7	141,798	11.4	284
3/28/2025	15:30:00	7.5	1.662	8	141,823	11.3	278
3/28/2025	15:45:00	7.2	1.631	9.1	141,848	11.2	280
3/28/2025	16:00:00	7.5	1.586	11.7	141,871	11.3	279
3/28/2025	16:15:00	7.6	1.215	14.4	141,894	11.3	280
3/28/2025	16:30:00	7.7	1.692	13.2	141,916	11.2	276
3/28/2025	16:45:00	7.8	2.067	19.3	141,944	11.1	286
3/28/2025	17:00:00	7.6	2.059	13.9	141,974	11.1	327
3/28/2025	17:15:00	7.6	1.283	28.7	142,002	11.2	370
3/28/2025	17:30:00	7.8	1.760	88.8	142,026	11.2	371
3/28/2025	17:45:00	7.9	1.612	31.3	142,049	11.1	353
3/28/2025	18:00:00	8	1.060	19.3	142,072	11.2	337
3/28/2025	18:15:00	8	1.370	51.5	142,078	11.2	325
3/28/2025	18:30:00	14.9	1.609	0.9	142,100	11.3	307
3/28/2025	18:45:00	14.9	1.582	79.5	142,125	11.7	314
3/28/2025	19:00:00	6.2	1.665	10.7	142,150	11.1	281
3/28/2025	19:15:00	3.9	1.226	24.8	142,174	11.1	275
3/28/2025	19:30:00	4.1	1.972	13.2	142,198	11.1	269
3/28/2025	19:45:00	4.4	1.923	12	142,227	11.2	114

Date	Time	Discharge pH	Flow Rate (m3)	Discharge NTU	Flow Total (m3)	Discharge Temperature (°C)	Discharge Conductivity (uS/cm)
3/28/2025	20:00:00	4.6	1.881	11.8	142,256	11.2	270
3/28/2025	20:15:00	4.8	1.400	13.5	142,283	11.2	274
3/28/2025	20:30:00	4.8	1.900	12.2	142,308	11.1	277
3/28/2025	20:45:00	5	1.817	30.6	142,336	11.1	281
3/28/2025	21:00:00	5.2	1.805	23.8	142,364	11.1	278
3/28/2025	21:15:00	5.3	0.170	27.8	142,374	11.1	281
3/28/2025	21:30:00	5.4	1.896	20.4	142,395	11.1	284
3/28/2025	21:45:00	5.4	0.223	29.5	142,420	11.2	284
3/28/2025	22:00:00	5.4	0.000	19.6	142,420	11.6	282
3/28/2025	22:15:00	5.9	1.881	20.4	142,430	11.2	283
3/28/2025	22:30:00	5.8	1.851	23.2	142,458	11.1	282
3/28/2025	22:45:00	5.7	1.809	20.7	142,486	11	280
3/28/2025	23:00:00	5.6	1.779	18.3	142,513	11	280
3/28/2025	23:15:00	5.6	1.764	16	142,539	11.1	281
3/28/2025	23:30:00	5.5	1.699	15.7	142,565	11.1	282
3/28/2025	23:45:00	5.5	1.688	17.8	142,591	11.1	282
3/29/2025	0:00:00	5.4	1.707	27.4	142,617	11.1	282
3/29/2025	0:30:00	6.4	1.904	23.4	142,655	11.1	284
3/29/2025	0:45:00	6.5	1.870	29	142,684	11.1	286
3/29/2025	1:00:00	5.7	1.794	27.6	142,711	11.1	281
3/29/2025	1:15:00	4.7	1.336	32.3	142,736	11.2	277
3/29/2025	1:30:00	4.3	1.847	36.3	142,763	11.1	113
3/29/2025	3:00:00	7.5	1.919	25.8	142,818	11	298
3/29/2025	3:30:00	6.7	1.919	35.6	142,848	10.9	274
3/29/2025	3:45:00	6.5	1.900	27.1	142,876	10.9	274

Date	Time	Discharge pH	Flow Rate (m3)	Discharge NTU	Flow Total (m3)	Discharge Temperature (°C)	Discharge Conductivity (uS/cm)
3/29/2025	4:00:00	5.8	1.885	16.5	142,905	10.9	277
3/29/2025	4:15:00	5.1	1.942	10.5	142,927	10.9	274
3/29/2025	4:30:00	4.9	1.949	9.2	142,957	11	269
3/29/2025	4:45:00	5	1.923	6.3	142,986	11	269
3/29/2025	5:00:00	5.3	1.896	5.6	143,014	11	276
3/29/2025	5:15:00	5.6	1.964	4.7	143,040	11	277
3/29/2025	5:30:00	5.8	1.893	4.1	143,069	11	277
3/29/2025	5:45:00	6	1.858	4.3	143,097	11	277
3/29/2025	6:00:00	6.1	1.817	3.7	143,125	11	277
3/29/2025	6:15:00	6.1	1.885	4.5	143,149	11	277
3/29/2025	6:30:00	6.3	1.711	16.3	143,176	11	277
3/29/2025	6:45:00	6.3	1.669	6.1	143,202	11	277
3/29/2025	7:00:00	6.3	1.639	5.2	143,226	11.1	277
3/29/2025	7:15:00	6.3	1.794	6.2	143,249	11.1	279
3/29/2025	7:30:00	6.4	1.711	5.8	143,275	11.1	281
3/29/2025	7:45:00	6.5	1.658	6.4	143,301	11.1	281
3/29/2025	8:00:00	6.5	1.620	9	143,325	11.1	279
3/29/2025	8:15:00	6.6	1.779	4.4	143,347	11.4	277
3/29/2025	8:30:00	6.6	1.692	3.6	143,373	11.1	277
3/29/2025	8:45:00	6.5	1.631	5.6	143,398	11.2	278
3/29/2025	9:00:00	6.5	1.593	5.2	143,422	11.3	275
3/29/2025	9:15:00	6.5	1.684	3.9	143,444	11.8	272
3/29/2025	9:30:00	6.4	1.503	5.7	143,468	11.2	271
3/29/2025	9:45:00	6.5	1.427	18.4	143,490	11.1	274
3/29/2025	10:00:00	6.5	0.696	67	143,511	11.2	274

Date	Time	Discharge pH	Flow Rate (m3)	Discharge NTU	Flow Total (m3)	Discharge Temperature (°C)	Discharge Conductivity (uS/cm)
3/29/2025	10:15:00	6.7	1.491	11	143,511	11.3	273
3/29/2025	10:30:00	6.6	1.453	6.7	143,534	11	273
3/29/2025	10:45:00	6.6	1.472	6.9	143,556	11	278
3/29/2025	11:00:00	-0.4	1.491	4.9	143,571	11.1	277
3/29/2025	11:15:00	-0.4	1.476	8.1	143,593	11	281
3/29/2025	11:30:00	7.4	1.423	9.3	143,615	11	279
3/29/2025	11:45:00	7.4	1.419	9.7	143,637	10.9	278
3/29/2025	12:00:00	7.4	1.802	9.1	143,644	10.8	278
3/29/2025	12:15:00	7.3	1.855	2.4	143,671	10.7	280
3/29/2025	12:30:00	7.4	1.749	2.5	143,698	10.8	279
3/29/2025	12:45:00	7.6	1.397	3	143,722	10.9	279
3/29/2025	13:00:00	7.8	1.563	13	143,742	10.9	279
3/29/2025	13:15:00	7.9	1.699	10.5	143,750	10.8	279
3/29/2025	13:30:00	7.7	1.692	8.4	143,771	10.9	281
3/29/2025	13:45:00	7.1	1.654	8	143,796	10.8	281
3/29/2025	14:00:00	7	1.624	7.7	143,820	10.9	281
3/29/2025	14:15:00	6.8	1.544	6.3	143,843	10.9	281
3/29/2025	14:30:00	7.9	1.525	7.6	143,867	11	279
3/29/2025	14:45:00	8.2	1.514	9.1	143,889	11	278
3/29/2025	15:00:00	7.7	1.540	7	143,912	11	276
3/29/2025	17:15:00	6.8	1.699	10.4	143,957	10.8	289
3/29/2025	17:30:00	7.1	1.726	13.3	143,982	10.8	291
3/29/2025	17:45:00	7.4	1.813	19.1	144,004	10.9	291
3/29/2025	18:15:00	7.6	2.135	1.7	144,050	10.9	283
3/29/2025	18:30:00	7.6	1.624	12.7	144,075	10.8	283

Date	Time	Discharge pH	Flow Rate (m3)	Discharge NTU	Flow Total (m3)	Discharge Temperature (°C)	Discharge Conductivity (uS/cm)
3/29/2025	18:45:00	8.4	1.586	9.9	144,099	10.8	283
3/29/2025	19:00:00	8.2	1.491	11.4	144,122	10.7	291
3/29/2025	19:15:00	9.1	1.506	15.5	144,142	10.7	313
3/29/2025	19:45:00	7.7	1.544	10.9	144,170	10.6	355
3/29/2025	20:00:00	7.2	1.563	8.7	144,193	10.7	339
3/29/2025	20:15:00	8.1	1.529	21.5	144,216	10.7	326
3/29/2025	20:30:00	6.5	1.559	10.5	144,240	10.8	311
3/29/2025	20:45:00	6.9	1.529	10.5	144,263	10.7	303
3/29/2025	21:00:00	6.8	1.522	14.8	144,286	10.7	305
3/29/2025	21:15:00	6.7	1.514	20.8	144,309	10.7	312
3/29/2025	21:30:00	6.6	1.491	16.1	144,331	10.8	315
3/29/2025	21:45:00	6.8	1.480	15.4	144,353	10.9	314
3/29/2025	22:30:00	6.9	1.870	13.1	144,385	10.7	317
3/29/2025	22:45:00	7.1	1.843	14.7	144,413	10.7	317
3/29/2025	23:00:00	7	1.900	17.6	144,421	10.6	315
3/29/2025	23:15:00	6.9	1.881	17.2	144,449	10.7	312
3/29/2025	23:30:00	6.8	1.832	20.1	144,477	10.7	309
3/29/2025	23:45:00	6.8	1.790	23.7	144,504	10.8	309
3/30/2025	0:00:00	7.1	1.223	43.3	144,525	10.9	305
3/30/2025	1:15:00	6.8	1.291	24.6	144,534	11.2	298
3/30/2025	1:30:00	7.4	1.730	5.2	144,560	12	114
3/30/2025	1:45:00	6.7	1.703	15.7	144,586	10.8	287
3/30/2025	2:00:00	7.2	1.681	14.4	144,611	10.8	286
3/30/2025	2:15:00	7.6	1.257	10.2	144,633	11.3	285
3/30/2025	2:30:00	7.6	1.711	11.4	144,658	10.6	284

Date	Time	Discharge pH	Flow Rate (m3)	Discharge NTU	Flow Total (m3)	Discharge Temperature (°C)	Discharge Conductivity (uS/cm)
3/30/2025	2:45:00	7.6	1.681	9.5	144,684	10.7	284
3/30/2025	3:00:00	7.6	1.662	11.8	144,709	10.7	283
3/30/2025	3:15:00	7.6	1.200	9.4	144,731	11.7	283
3/30/2025	3:30:00	7.5	1.257	23.1	144,756	10.8	284
3/30/2025	3:45:00	7.5	1.741	19.7	144,776	10.7	286
3/30/2025	4:00:00	7.5	0.379	20.3	144,801	10.8	286
3/30/2025	4:15:00	7.5	1.703	15.9	144,817	10.8	287
3/30/2025	4:30:00	7.5	1.226	13	144,842	10.8	285
3/30/2025	4:45:00	7.6	1.730	7	144,863	10.9	283
3/30/2025	5:00:00	7.6	1.703	8	144,889	10.9	282
3/30/2025	5:15:00	7.6	1.684	6.2	144,915	10.9	282
3/30/2025	5:30:00	7.6	1.147	7.5	144,939	10.9	282
3/30/2025	5:45:00	7.5	1.715	4.8	144,961	11	282
3/30/2025	6:00:00	7.5	1.696	6.8	144,987	10.9	282
3/30/2025	6:15:00	7.5	1.681	3.6	145,012	11	280
3/30/2025	6:30:00	7.5	1.219	3.6	145,037	11	280
3/30/2025	6:45:00	7.5	1.646	40.8	145,058	11	280
3/30/2025	7:00:00	7.5	0.329	20	145,072	10.8	280
3/30/2025	7:15:00	7.5	0.178	14.3	145,074	11.3	280
3/30/2025	7:30:00	7.5	1.673	3.2	145,094	10.8	278
3/30/2025	7:45:00	7.5	1.654	4.5	145,119	10.8	278
3/30/2025	8:00:00	7.4	1.552	11.3	145,144	10.8	278
3/30/2025	8:15:00	7.5	1.620	16.4	145,168	10.8	280
3/30/2025	8:30:00	7.5	1.525	10.1	145,191	10.7	278
3/30/2025	8:45:00	7.5	1.488	12.6	145,214	10.6	279

Date	Time	Discharge pH	Flow Rate (m3)	Discharge NTU	Flow Total (m3)	Discharge Temperature (°C)	Discharge Conductivity (uS/cm)
3/30/2025	9:00:00	7.5	1.677	14.1	145,238	10.7	278
3/30/2025	9:15:00	7.6	1.234	15.5	145,261	11.1	278
3/30/2025	9:30:00	7.6	0.572	11.1	145,273	11.7	282
3/30/2025	10:15:00	7.6	1.919	34.9	145,296	10.8	284
3/30/2025	10:30:00	7	1.764	6.4	145,323	10.8	286
3/30/2025	10:45:00	7.4	1.605	12.1	145,348	10.9	286
3/30/2025	12:45:00	8.2	1.612	11.7	145,393	11.5	279
3/30/2025	13:00:00	8.3	1.480	21.4	145,416	11.6	283
3/30/2025	13:15:00	6.7	0.821	7.3	145,433	12	294
3/30/2025	13:45:00	8.6	1.836	2.8	145,460	11.6	283
3/30/2025	14:00:00	7	1.798	2.2	145,488	11.6	298
3/30/2025	14:15:00	7.2	1.790	3	145,515	11.5	289
3/30/2025	14:30:00	8.1	1.385	9.2	145,541	11.5	283
3/30/2025	15:00:00	8.1	1.756	1	145,569	11.5	279
3/30/2025	15:15:00	8	1.756	0.9	145,596	11.5	282
3/30/2025	15:30:00	8	1.722	1.1	145,622	11.5	281
3/30/2025	15:45:00	8	1.745	1.1	145,633	11.7	283
3/30/2025	16:00:00	8	1.741	1.3	145,659	11.6	282
3/30/2025	16:15:00	7.9	1.737	2	145,685	11.6	282
3/30/2025	16:30:00	7.8	1.045	5.2	145,709	11.6	279
3/30/2025	16:45:00	7.8	1.537	1.4	145,731	11.6	279
3/30/2025	17:00:00	7.8	1.529	1.5	145,754	11.5	282
3/30/2025	17:15:00	7.8	1.537	3.1	145,777	11.5	282
3/30/2025	17:30:00	7.9	0.969	24.9	145,798	11.5	282
3/30/2025	17:45:00	8	1.556	1.4	145,819	11.5	282

Date	Time	Discharge pH	Flow Rate (m3)	Discharge NTU	Flow Total (m3)	Discharge Temperature (°C)	Discharge Conductivity (uS/cm)
3/30/2025	18:00:00	8	1.544	1.7	145,842	11.4	281
3/30/2025	18:15:00	7.9	1.018	32	145,865	11.3	280
3/30/2025	18:30:00	7.9	1.540	1	145,886	11.3	280
3/30/2025	18:45:00	7.9	1.544	1.1	145,909	11.2	280
3/30/2025	19:00:00	7.9	1.540	1.5	145,932	11.2	280
3/30/2025	19:15:00	7.9	0.992	11	145,954	11.2	282
3/30/2025	19:45:00	7.6	1.559	0.4	145,974	11.2	281
3/30/2025	20:00:00	7.5	1.559	1.4	145,998	11.2	283
3/30/2025	20:15:00	8	1.048	9.3	146,020	11.2	283
3/30/2025	20:30:00	7.6	1.563	0.7	146,042	11.2	281
3/30/2025	20:45:00	7	1.563	1	146,065	11.2	286
3/30/2025	21:15:00	8	1.041	4.8	146,111	11	278
3/30/2025	21:30:00	8	1.571	0.9	146,133	11	275
3/30/2025	21:45:00	7.7	1.559	0.9	146,157	11	275
3/30/2025	22:00:00	7.8	1.556	0.9	146,180	10.9	278
3/30/2025	22:15:00	7.6	1.045	11.2	146,202	10.9	278
3/30/2025	22:30:00	7.6	1.556	0.8	146,224	10.9	278
3/30/2025	22:45:00	7.6	1.552	1.2	146,247	10.9	278
3/30/2025	23:00:00	7.6	1.548	0.8	146,270	10.9	278
3/30/2025	23:15:00	7.7	1.540	0.8	146,293	11	280
3/30/2025	23:30:00	7.7	1.548	0.9	146,316	10.9	278
3/30/2025	23:45:00	7.7	1.540	1.3	146,339	10.9	279

Table 3. In-Situ Parameters

Date	Time	Temperature °C	DO mg/L	Conductivity SPC-uS/cm	SAL-ppt	pH	ORP (mV)	NTU
03/24/2025	10:31:23AM	11.8	10.80	158.3	0.08	7.32	154.6	4.43
03/25/2025	09:49:44AM	11.6	11.23	168.9	0.08	7.34	135.6	3.86
03/26/2025	02:02:12PM	12.5	10.77	166.5	0.08	7.22	133.3	0.75
03/27/2025	01:28:10PM	11.5	10.82	148.4	0.07	7.32	107.2	3.45
03/28/2025	01:03:09PM	11.8	11.31	170.8	0.08	6.97	154.0	3.39
03/29/2025	09:37:42AM	10.9	11.67	153.8	0.07	7.75	141.5	5.53
03/30/2025	05:17:28PM	11.2	11.62	158.9	0.08	7.65	117.7	1.54

3. Calibration Log:

Table 4. Calibration Log

Date	Unit	pH	Conductivity/Temp.	Salinity	NTU
3/28/2025	YSI	✓	✓	✓	✓
3/28/2025	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)
3/24/2025	0:00:00	7.6	0.193	4.9	133,154	Open	11.2	276
3/24/2025	0:15:00	7.6	1.983	8.2	133,165	Open	11.5	272
3/24/2025	0:30:00	7.6	2.040	4.7	133,192	Open	11.4	272
3/24/2025	0:45:00	7.7	1.949	5	133,222	Open	11.5	269
3/24/2025	1:00:00	7.7	1.968	13.1	133,235	Open	12	273
3/24/2025	1:15:00	7.7	1.915	3.8	133,264	Open	11.7	274
3/24/2025	1:30:00	7.7	1.972	6.4	133,291	Open	11.8	274
3/24/2025	1:45:00	7.7	1.896	6	133,320	Open	11.7	275
3/24/2025	2:00:00	7.7	0.000	3.4	133,332	Open	11.8	276
3/24/2025	2:15:00	7.7	1.881	7.9	133,333	Open	12.5	278
3/24/2025	2:30:00	7.7	1.964	6.5	133,359	Open	11.7	278
3/24/2025	2:45:00	7.7	1.904	4.5	133,388	Open	11.7	278
3/24/2025	3:00:00	7.7	1.824	6.8	133,416	Open	11.8	277
3/24/2025	3:15:00	7.7	1.764	11.6	133,443	Open	11.8	275
3/24/2025	3:30:00	7.7	1.828	12.4	133,449	Closed	11.5	275
3/24/2025	3:45:00	7.7	1.998	31.1	133,451	Closed	11.4	276
3/24/2025	4:00:00	7.7	1.942	8.4	133,472	Open	11.5	277
3/24/2025	4:15:00	7.7	1.866	8.2	133,501	Open	11.6	277
3/24/2025	4:30:00	7.7	0.000	3.9	133,513	Open	11.8	277
3/24/2025	4:45:00	7.7	0.000	2.7	133,513	Open	12.5	276
3/24/2025	5:00:00	7.7	1.821	4.7	133,537	Open	11.9	273
3/24/2025	5:15:00	7.7	1.775	4.5	133,564	Open	11.9	274
3/24/2025	5:30:00	7.7	1.749	4.7	133,590	Open	12	271
3/24/2025	5:45:00	7.7	1.938	31.1	133,614	Open	12.2	273
3/24/2025	6:00:00	7.7	1.893	1.7	133,643	Open	12	273

FRONTIER-KEMPER MICHELS® joint venture		Eagle Mountain- Woodfibre Gas Pipeline Project- Tunnel Scope	
Title	**WoodFibre Weekly Water Discharge Report**	**Revision:**	**0**
Data Date Range	**March 24, 2025 to March 30, 2025**	**Prepared by:** **Approved by:** **Date:**	**SD** **BC2** **April 04, 2025**

Date	Time	Discharge pH	Flow Rate (m3)	Discharge NTU	Flow Total (m3)	Discharge Valve Status	Discharge Temperature (°C)	Discharge Conductivity (uS/cm)
3/24/2025	6:15:00	7.7	0.000	1.6	133,651	Open	12.5	271
3/24/2025	6:30:00	7.7	1.840	4	133,656	Open	13.4	272
3/24/2025	6:45:00	7.7	1.964	18.7	133,680	Open	12.4	273
3/24/2025	7:00:00	7.7	1.908	3.6	133,709	Open	12.1	272
3/24/2025	7:15:00	7.7	2.021	3.8	133,725	Open	11.9	273
3/24/2025	7:30:00	7.7	1.949	2.2	133,755	Open	12	273
3/24/2025	7:45:00	7.7	1.877	1.6	133,783	Open	12	273
3/24/2025	8:00:00	7.7	0.000	2	133,803	Closed	12.2	273
3/24/2025	8:15:00	7.7	0.000	0.7	133,803	Closed	12.9	269
3/24/2025	8:30:00	7.6	0.000	1	133,803	Closed	13.3	270
3/24/2025	8:45:00	7.7	1.442	5.8	133,820	Open	11.6	274
3/24/2025	9:00:00	7.6	1.851	8.8	133,847	Open	11.2	272
3/24/2025	9:15:00	7.7	1.802	6	133,874	Open	11.2	272
3/24/2025	9:30:00	7.6	1.745	6.3	133,901	Open	11.1	273
3/24/2025	9:45:00	7.6	1.291	16	133,926	Open	11.2	276
3/24/2025	10:00:00	7.7	0.992	12.9	133,934	Open	11.1	281
3/24/2025	10:15:00	7.7	1.370	15.8	133,940	Open	11.2	284
3/24/2025	10:30:00	7.7	1.624	4.6	133,962	Open	11.2	286
3/24/2025	10:45:00	7.7	1.241	3.3	133,986	Open	11.5	283
3/24/2025	11:00:00	7.6	1.665	7.8	134,008	Open	13.3	286
3/24/2025	11:15:00	7.6	1.593	2.3	134,033	Open	13.7	285
3/24/2025	11:30:00	7.6	0.867	3	134,055	Open	14.2	285
3/24/2025	11:45:00	7.6	1.578	24	134,060	Closed	14.2	287
3/24/2025	12:00:00	7.6	1.597	5.1	134,084	Open	11.5	281
3/24/2025	12:15:00	7.6	1.563	5.4	134,108	Open	11.4	281
3/24/2025	12:30:00	7.6	1.207	9.2	134,130	Open	11.6	283

FRONTIER-KEMPER MICHELS® joint venture		Eagle Mountain- Woodfibre Gas Pipeline Project- Tunnel Scope	
Title	**WoodFibre Weekly Water Discharge Report**	**Revision:**	**0**
Data Date Range	**March 24, 2025 to March 30, 2025**	**Prepared by:** **Approved by:** **Date:**	**SD** **BC2** **April 04, 2025**

Date	Time	Discharge pH	Flow Rate (m3)	Discharge NTU	Flow Total (m3)	Discharge Valve Status	Discharge Temperature (°C)	Discharge Conductivity (uS/cm)
3/24/2025	12:45:00	7.6	1.567	3.9	134,152	Open	11.4	285
3/24/2025	13:00:00	7.6	0.098	21	134,169	Open	11.4	287
3/24/2025	13:15:00	7.6	1.650	4.1	134,184	Open	11.4	286
3/24/2025	13:30:00	7.6	1.646	4.1	134,209	Open	11.6	286
3/24/2025	13:45:00	7.6	0.129	3.2	134,224	Closed	11.8	288
3/24/2025	14:00:00	7.6	1.575	4.6	134,242	Open	12.3	283
3/24/2025	14:15:00	7.6	0.863	11.6	134,264	Open	12.6	283
3/24/2025	14:30:00	7.6	1.715	11.4	134,269	Open	12.6	279
3/24/2025	14:45:00	7.6	1.737	4.1	134,289	Open	12.5	283
3/24/2025	15:00:00	7.6	1.688	4	134,315	Open	12.7	277
3/24/2025	15:15:00	7.6	1.665	24.2	134,329	Closed	12.7	278
3/24/2025	15:30:00	7.6	1.597	3.1	134,350	Open	12.5	274
3/24/2025	15:45:00	7.6	0.000	2.6	134,357	Closed	12.9	279
3/24/2025	16:00:00	7.6	1.643	4.5	134,377	Open	12.8	278
3/24/2025	16:15:00	7.6	1.601	3	134,401	Open	13	278
3/24/2025	16:30:00	7.6	1.548	2.3	134,425	Open	13.1	278
3/24/2025	16:45:00	7.6	0.000	1.6	134,428	Closed	13.6	278
3/24/2025	17:00:00	7.6	1.575	3.5	134,439	Open	12.7	277
3/24/2025	17:15:00	7.7	1.548	3.1	134,462	Open	12.6	276
3/24/2025	17:30:00	7.7	1.537	4	134,486	Open	12.7	278
3/24/2025	17:45:00	7.7	0.905	4	134,491	Closed	13	278
3/24/2025	18:00:00	7.7	1.631	4.2	134,509	Open	12.4	279
3/24/2025	18:15:00	7.7	1.597	4.2	134,533	Open	12.4	281
3/24/2025	18:30:00	7.7	1.578	6	134,557	Open	12.4	281
3/24/2025	18:45:00	7.7	1.571	4.7	134,581	Open	12.5	279
3/24/2025	19:00:00	7.7	1.245	4.1	134,592	Open	12.5	281

FRONTIER-KEMPER MICHELS® joint venture		Eagle Mountain- Woodfibre Gas Pipeline Project- Tunnel Scope	
Title	**WoodFibre Weekly Water Discharge Report**	**Revision:**	**0**
Data Date Range	**March 24, 2025 to March 30, 2025**	**Prepared by:** **Approved by:** **Date:**	**SD** **BC2** **April 04, 2025**

Date	Time	Discharge pH	Flow Rate (m3)	Discharge NTU	Flow Total (m3)	Discharge Valve Status	Discharge Temperature (°C)	Discharge Conductivity (uS/cm)
3/24/2025	19:15:00	7.6	1.548	3.4	134,614	Open	12.2	283
3/24/2025	19:30:00	7.6	1.472	4.6	134,637	Open	12.2	283
3/24/2025	19:45:00	7.6	0.000	3.9	134,644	Closed	12.6	284
3/24/2025	20:00:00	7.6	1.658	3.1	134,655	Open	12.1	284
3/24/2025	20:15:00	7.6	1.605	4	134,679	Open	12	284
3/24/2025	20:30:00	7.6	1.586	10.4	134,703	Open	11.9	284
3/24/2025	20:45:00	7.6	1.578	7.8	134,726	Open	11.8	284
3/24/2025	21:00:00	7.6	1.643	9	134,746	Open	11.8	284
3/24/2025	21:15:00	7.6	1.601	13	134,771	Open	11.7	282
3/24/2025	21:30:00	7.6	1.601	11.8	134,795	Open	11.8	281
3/24/2025	21:45:00	7.5	1.571	12.6	134,819	Open	11.8	281
3/24/2025	22:00:00	7.5	1.654	11	134,840	Open	11.8	281
3/24/2025	22:15:00	7.5	1.628	12.1	134,865	Open	11.8	281
3/24/2025	22:30:00	7.5	1.605	10.4	134,889	Open	11.8	281
3/24/2025	22:45:00	7.5	1.597	10.9	134,914	Open	11.8	281
3/24/2025	23:00:00	7.5	1.631	10.3	134,935	Open	11.8	281
3/24/2025	23:15:00	7.5	1.612	6.4	134,960	Open	11.8	281
3/24/2025	23:30:00	7.6	1.571	5.6	134,984	Open	11.8	281
3/24/2025	23:45:00	7.6	1.563	9	135,007	Open	11.7	281
3/25/2025	0:00:00	7.6	1.669	9.8	135,019	Open	11.6	279
3/25/2025	0:15:00	7.6	1.650	2.2	135,044	Open	11.9	280
3/25/2025	0:30:00	7.6	1.083	2.4	135,063	Open	12.4	278
3/25/2025	0:45:00	7.6	2.010	15.1	135,071	Open	13.4	281
3/25/2025	1:00:00	7.6	2.150	12	135,094	Open	12.2	281
3/25/2025	1:15:00	7.7	2.093	12.1	135,114	Open	12	282
3/25/2025	1:30:00	7.7	1.991	8.6	135,145	Open	11.8	283

FRONTIER-KEMPER MICHELS® joint venture		Eagle Mountain- Woodfibre Gas Pipeline Project- Tunnel Scope	
Title	**WoodFibre Weekly Water Discharge Report**	**Revision:**	**0**
Data Date Range	**March 24, 2025 to March 30, 2025**	**Prepared by:** **Approved by:** **Date:**	**SD** **BC2** **April 04, 2025**

Date	Time	Discharge pH	Flow Rate (m3)	Discharge NTU	Flow Total (m3)	Discharge Valve Status	Discharge Temperature (°C)	Discharge Conductivity (uS/cm)
3/25/2025	1:45:00	7.7	1.915	7.9	135,174	Open	11.9	285
3/25/2025	2:00:00	7.7	0.000	3	135,187	Closed	12.2	285
3/25/2025	2:15:00	7.6	0.000	2.3	135,187	Closed	12.8	285
3/25/2025	2:30:00	7.6	2.040	6.9	135,204	Open	11.9	283
3/25/2025	2:45:00	7.7	1.968	10.4	135,233	Open	12	282
3/25/2025	3:00:00	7.6	2.044	37.2	135,252	Open	12	283
3/25/2025	3:15:00	7.6	1.998	8.5	135,282	Open	11.9	283
3/25/2025	3:30:00	7.6	1.908	5.8	135,311	Open	11.9	283
3/25/2025	3:45:00	7.6	0.333	11.4	135,328	Closed	11.6	282
3/25/2025	4:00:00	7.6	1.919	10.5	135,328	Closed	11.6	282
3/25/2025	4:15:00	7.6	1.900	5.5	135,328	Closed	11.7	282
3/25/2025	4:30:00	7.6	0.000	3.1	135,328	Closed	11.9	282
3/25/2025	4:45:00	7.6	1.503	22.9	135,331	Open	12.8	284
3/25/2025	5:00:00	7.6	2.089	5.5	135,363	Open	11.9	281
3/25/2025	5:15:00	7.6	2.025	13.1	135,393	Open	12	281
3/25/2025	5:30:00	7.6	1.927	22.2	135,423	Open	12	283
3/25/2025	5:45:00	7.6	0.000	12.2	135,434	Open	12.5	284
3/25/2025	6:00:00	7.6	1.938	19.3	135,438	Open	13.7	287
3/25/2025	6:15:00	7.6	1.930	7.9	135,467	Open	12.3	283
3/25/2025	6:30:00	7.6	1.911	15.3	135,496	Open	12.3	283
3/25/2025	6:45:00	7.6	0.734	61.2	135,520	Closed	12.5	283
3/25/2025	7:00:00	7.6	2.169	20.8	135,521	Open	11.7	282
3/25/2025	7:15:00	7.6	2.157	21.3	135,527	Open	11.9	283
3/25/2025	7:30:00	7.6	0.310	15	135,531	Closed	12.7	284
3/25/2025	7:45:00	7.6	2.067	115.3	135,531	Closed	13.6	281
3/25/2025	8:00:00	7.6	2.241	10.5	135,547	Open	12.1	281

FRONTIER-KEMPER MICHELS® joint venture		Eagle Mountain- Woodfibre Gas Pipeline Project- Tunnel Scope	
Title	**WoodFibre Weekly Water Discharge Report**	**Revision:**	**0**
Data Date Range	**March 24, 2025 to March 30, 2025**	**Prepared by:** **Approved by:** **Date:**	**SD** **BC2** **April 04, 2025**

Date	Time	Discharge pH	Flow Rate (m3)	Discharge NTU	Flow Total (m3)	Discharge Valve Status	Discharge Temperature (°C)	Discharge Conductivity (uS/cm)
3/25/2025	8:15:00	7.6	2.135	6.2	135,580	Open	11.8	280
3/25/2025	8:30:00	7.6	2.048	13.4	135,612	Open	11.7	282
3/25/2025	8:45:00	7.6	1.457	8.1	135,642	Open	11.7	281
3/25/2025	9:00:00	7.6	1.919	7.3	135,660	Open	11.6	281
3/25/2025	9:15:00	7.6	1.862	13.2	135,688	Open	11.5	281
3/25/2025	9:30:00	7.6	0.136	16.2	135,698	Closed	11.7	281
3/25/2025	9:45:00	7.6	1.098	8.3	135,713	Open	11.4	278
3/25/2025	10:00:00	7.6	1.870	10.3	135,737	Open	11.2	280
3/25/2025	10:15:00	7.6	1.847	6.5	135,764	Open	11.2	280
3/25/2025	10:30:00	7.6	1.817	5.1	135,792	Open	11.2	280
3/25/2025	10:45:00	7.6	1.264	3.5	135,819	Open	11.1	280
3/25/2025	11:00:00	7.6	1.889	4.2	135,843	Open	11.1	282
3/25/2025	11:15:00	7.6	1.862	7.2	135,871	Open	11.1	282
3/25/2025	11:30:00	7.6	1.840	4.5	135,899	Open	11	282
3/25/2025	11:45:00	7.6	1.828	6	135,926	Open	11	282
3/25/2025	12:00:00	7.6	0.000	25.8	135,952	Open	11.1	279
3/25/2025	12:15:00	7.6	0.000	13.5	135,952	Closed	11.2	277
3/25/2025	12:30:00	7.6	1.866	6	135,970	Open	11.1	278
3/25/2025	12:45:00	7.6	1.930	4.5	135,999	Open	11.3	279
3/25/2025	13:00:00	7.6	1.900	4.5	136,027	Open	11.5	277
3/25/2025	13:15:00	7.6	1.877	6.9	136,056	Open	11.6	276
3/25/2025	13:30:00	7.6	1.836	5.8	136,083	Open	11.7	276
3/25/2025	13:45:00	7.6	1.836	5.5	136,110	Open	11.9	276
3/25/2025	14:00:00	7.6	1.824	8.7	136,138	Open	12	278
3/25/2025	14:15:00	7.6	1.930	5.2	136,158	Open	11.9	281
3/25/2025	14:30:00	7.6	1.866	22.8	136,179	Open	11.9	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	**March 24, 2025 to March 30, 2025**	**Prepared by:** **Approved by:** **Date:**	**SD** **BC2** **April 04, 2025**

Date	Time	Discharge pH	Flow Rate (m3)	Discharge NTU	Flow Total (m3)	Discharge Valve Status	Discharge Temperature (°C)	Discharge Conductivity (uS/cm)
3/25/2025	14:45:00	7.6	1.745	20.5	136,182	Open	12.4	279
3/25/2025	15:00:00	7.6	1.752	3.7	136,208	Open	12.4	279
3/25/2025	15:15:00	7.6	1.889	5.2	136,236	Open	12.3	281
3/25/2025	15:30:00	7.6	1.866	6.1	136,265	Open	12.4	281
3/25/2025	15:45:00	7.6	1.851	5.9	136,292	Open	12.5	279
3/25/2025	16:00:00	7.6	1.628	20.8	136,306	Open	12.5	278
3/25/2025	16:15:00	7.6	1.760	23	136,331	Open	11.9	275
3/25/2025	16:30:00	7.6	1.756	10.8	136,355	Open	11.6	276
3/25/2025	16:45:00	7.6	1.764	8.1	136,381	Open	11.7	277
3/25/2025	17:00:00	7.6	1.817	7.1	136,399	Open	11.9	276
3/25/2025	17:15:00	7.6	1.760	6.6	136,426	Open	11.5	276
3/25/2025	17:30:00	7.6	1.817	6.9	136,453	Open	11.6	276
3/25/2025	17:45:00	7.6	1.117	6.2	136,458	Open	12.2	274
3/25/2025	18:00:00	7.6	1.590	4.6	136,482	Open	11.7	276
3/25/2025	18:15:00	7.5	1.586	3.9	136,506	Open	11.6	282
3/25/2025	18:30:00	7.5	1.567	4.5	136,530	Open	11.5	288
3/25/2025	18:45:00	7.4	0.443	4.8	136,548	Open	11.7	288
3/25/2025	19:00:00	7.4	1.669	3.8	136,565	Open	12	293
3/25/2025	19:15:00	7.4	1.631	3.4	136,590	Open	12.1	293
3/25/2025	19:30:00	7.4	1.635	3.1	136,614	Open	12.4	292
3/25/2025	19:45:00	7.4	1.609	4.5	136,639	Open	12.6	292
3/25/2025	20:00:00	7.4	1.609	5.8	136,663	Open	12.6	292
3/25/2025	20:15:00	7.4	1.597	10.7	136,687	Open	11.9	289
3/25/2025	20:30:00	7.5	1.593	13.9	136,711	Open	12.6	114
3/25/2025	20:45:00	7.5	0.288	26.7	136,726	Open	11.2	286
3/25/2025	21:00:00	7.5	0.269	11	136,743	Open	11.8	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	**March 24, 2025 to March 30, 2025**	**Prepared by:** **Approved by:** **Date:**	**SD** **BC2** **April 04, 2025**

Date	Time	Discharge pH	Flow Rate (m3)	Discharge NTU	Flow Total (m3)	Discharge Valve Status	Discharge Temperature (°C)	Discharge Conductivity (uS/cm)
3/25/2025	21:15:00	7.4	0.299	13.8	136,748	Open	13.4	114
3/25/2025	21:30:00	7.5	1.923	12.8	136,769	Open	11.3	283
3/25/2025	21:45:00	7.5	1.419	10.3	136,795	Open	11.3	284
3/25/2025	22:00:00	7.5	1.927	5.2	136,823	Open	11.1	282
3/25/2025	22:15:00	7.6	1.881	6.4	136,852	Open	11.1	282
3/25/2025	22:30:00	7.6	1.817	12.4	136,880	Open	11.1	281
3/25/2025	22:45:00	7.6	1.325	18.1	136,897	Closed	11.2	281
3/25/2025	23:00:00	7.6	1.904	8.5	136,925	Open	11.1	281
3/25/2025	23:15:00	7.6	1.832	12.4	136,953	Open	11.2	277
3/25/2025	23:30:00	7.6	1.787	7.9	136,980	Open	11.3	278
3/25/2025	23:45:00	7.6	0.000	8	136,997	Closed	11.4	278
3/26/2025	0:00:00	7.6	0.000	4.8	136,997	Closed	12	278
3/26/2025	0:15:00	7.6	1.851	4.2	136,997	Closed	11.3	278
3/26/2025	0:30:00	7.6	1.790	4.7	136,997	Closed	11.3	279
3/26/2025	0:45:00	7.6	0.000	3	136,997	Closed	11.5	278
3/26/2025	1:00:00	7.6	0.000	3.1	136,997	Closed	12.1	278
3/26/2025	1:15:00	7.6	1.802	3.8	137,014	Open	11.3	278
3/26/2025	1:30:00	7.6	1.771	4.8	137,041	Open	11.3	277
3/26/2025	1:45:00	7.5	0.401	4.1	137,059	Closed	11.2	279
3/26/2025	2:00:00	7.5	1.919	4.1	137,085	Open	11.2	279
3/26/2025	2:15:00	7.5	1.885	5.3	137,113	Open	11.2	279
3/26/2025	2:30:00	7.5	1.817	6.1	137,141	Open	11.3	281
3/26/2025	2:45:00	7.6	1.949	22.6	137,167	Open	11.4	281
3/26/2025	3:00:00	7.6	1.885	7.2	137,195	Open	11.3	281
3/26/2025	3:15:00	7.6	0.182	4.4	137,204	Open	11.7	279
3/26/2025	3:30:00	7.6	0.526	23.3	137,224	Open	11.5	281

FRONTIER-KEMPER MICHELS® joint venture		Eagle Mountain- Woodfibre Gas Pipeline Project- Tunnel Scope	
Title	**WoodFibre Weekly Water Discharge Report**	**Revision:**	**0**
Data Date Range	**March 24, 2025 to March 30, 2025**	**Prepared by:** **Approved by:** **Date:**	**SD** **BC2** **April 04, 2025**

Date	Time	Discharge pH	Flow Rate (m3)	Discharge NTU	Flow Total (m3)	Discharge Valve Status	Discharge Temperature (°C)	Discharge Conductivity (uS/cm)
3/26/2025	3:45:00	7.7	1.855	9.6	137,247	Open	11.7	284
3/26/2025	4:00:00	7.7	1.817	13.7	137,275	Open	11.9	283
3/26/2025	4:15:00	7.7	0.000	7.6	137,282	Open	12.8	289
3/26/2025	4:30:00	7.7	1.336	35.8	137,291	Open	12.1	284
3/26/2025	4:45:00	7.7	1.911	10.3	137,318	Open	11.8	283
3/26/2025	5:00:00	7.7	1.874	12.7	137,346	Open	11.7	283
3/26/2025	5:15:00	7.7	1.802	10.2	137,374	Open	11.6	283
3/26/2025	5:30:00	7.6	1.416	17.7	137,399	Open	11.6	282
3/26/2025	5:45:00	7.6	1.893	18	137,426	Open	11.3	284
3/26/2025	6:00:00	7.6	1.874	19.5	137,454	Open	11.2	286
3/26/2025	6:15:00	7.6	1.809	17.9	137,482	Open	11.2	286
3/26/2025	6:30:00	7.6	0.424	15.2	137,505	Open	11.1	281
3/26/2025	6:45:00	7.6	1.855	15.8	137,528	Open	11	281
3/26/2025	7:00:00	7.6	1.915	20.1	137,556	Open	11.1	279
3/26/2025	7:15:00	7.6	1.870	34.8	137,585	Open	11.1	279
3/26/2025	7:30:00	7.6	0.000	26.4	137,587	Open	11.7	279
3/26/2025	7:45:00	7.5	1.824	14.2	137,605	Open	11.2	279
3/26/2025	8:00:00	7.5	1.737	18.5	137,631	Open	11.1	283
3/26/2025	8:15:00	7.5	1.817	31.8	137,637	Closed	11	283
3/26/2025	8:30:00	7.5	1.510	6.7	137,652	Open	11.1	285
3/26/2025	8:45:00	7.5	1.514	6.4	137,675	Open	11.2	283
3/26/2025	9:00:00	7.5	1.491	10.2	137,697	Open	11.4	282
3/26/2025	9:15:00	7.5	0.912	22.8	137,705	Open	11.3	285
3/26/2025	9:30:00	7.5	1.476	5.7	137,726	Open	11.5	285
3/26/2025	9:45:00	7.5	1.446	4.3	137,748	Open	11.7	283
3/26/2025	10:00:00	7.5	1.442	1.6	137,769	Open	11.7	281

FRONTIER-KEMPER MICHELS® joint venture		Eagle Mountain- Woodfibre Gas Pipeline Project- Tunnel Scope	
Title	**WoodFibre Weekly Water Discharge Report**	**Revision:**	**0**
Data Date Range	**March 24, 2025 to March 30, 2025**	**Prepared by:** **Approved by:** **Date:**	**SD** **BC2** **April 04, 2025**

Date	Time	Discharge pH	Flow Rate (m3)	Discharge NTU	Flow Total (m3)	Discharge Valve Status	Discharge Temperature (°C)	Discharge Conductivity (uS/cm)
3/26/2025	10:15:00	7.5	1.404	2.4	137,788	Open	12.1	283
3/26/2025	10:30:00	7.5	1.419	2.2	137,809	Open	12.1	283
3/26/2025	10:45:00	7.5	1.423	1.8	137,830	Open	12.3	281
3/26/2025	11:00:00	7.6	1.313	2.8	137,844	Open	12.1	281
3/26/2025	11:15:00	7.6	1.317	2	137,864	Open	12.2	281
3/26/2025	11:30:00	7.6	1.347	1.7	137,884	Open	12.1	279
3/26/2025	11:45:00	7.6	1.677	6.7	137,905	Open	11.9	278
3/26/2025	12:00:00	7.6	1.669	1.5	137,930	Open	11.8	278
3/26/2025	12:15:00	7.6	1.639	0.9	137,955	Open	11.7	278
3/26/2025	12:30:00	7.6	1.612	2	137,979	Open	11.7	278
3/26/2025	12:45:00	7.6	1.601	1.3	138,003	Open	11.7	278
3/26/2025	13:00:00	7.6	1.597	1.2	138,027	Open	11.7	279
3/26/2025	13:15:00	7.6	0.655	0.5	138,037	Open	12.2	281
3/26/2025	13:30:00	7.6	1.510	1.3	138,057	Open	11.8	282
3/26/2025	13:45:00	7.6	1.514	2.1	138,071	Open	11.9	279
3/26/2025	14:00:00	7.6	1.491	0.9	138,094	Open	11.9	279
3/26/2025	14:15:00	7.6	1.540	0.7	138,116	Open	12	279
3/26/2025	14:30:00	7.6	1.472	0.7	138,139	Open	12.4	279
3/26/2025	14:45:00	7.5	1.484	0.6	138,161	Open	12.8	279
3/26/2025	15:00:00	7.5	1.453	0.4	138,184	Open	13.2	279
3/26/2025	15:15:00	7.5	1.446	0.6	138,206	Open	13.7	279
3/26/2025	15:30:00	7.5	0.836	0.6	138,222	Open	14.2	279
3/26/2025	15:45:00	7.5	0.000	0.5	138,224	Closed	14.5	281
3/26/2025	16:00:00	7.5	1.537	1.8	138,244	Open	12.9	279
3/26/2025	16:15:00	7.5	1.495	1	138,267	Open	13.7	278
3/26/2025	16:30:00	7.6	1.987	2.2	138,295	Open	12.2	274

Date	Time	Discharge pH	Flow Rate (m3)	Discharge NTU	Flow Total (m3)	Discharge Valve Status	Discharge Temperature (°C)	Discharge Conductivity (uS/cm)
3/26/2025	16:45:00	7.6	1.934	2.2	138,324	Open	12.2	277
3/26/2025	17:00:00	7.7	1.938	3.1	138,353	Open	12.2	274
3/26/2025	17:15:00	7.7	1.900	2.5	138,382	Open	12.3	274
3/26/2025	17:30:00	7.7	1.927	7.3	138,408	Open	13.4	274
3/26/2025	17:45:00	7.7	1.855	2.1	138,436	Open	12.6	272
3/26/2025	18:00:00	7.7	1.828	2.4	138,464	Open	12.6	272
3/26/2025	18:15:00	7.7	1.798	3.1	138,491	Open	12.5	272
3/26/2025	18:30:00	7.7	1.775	3.5	138,518	Open	12.4	273
3/26/2025	18:45:00	7.7	0.000	3.2	138,525	Closed	12.8	277
3/26/2025	19:00:00	7.7	1.862	3.1	138,536	Open	12.9	276
3/26/2025	19:15:00	7.7	1.813	1.4	138,563	Open	13.2	276
3/26/2025	19:30:00	7.7	0.344	0.6	138,590	Closed	13.6	273
3/26/2025	19:45:00	7.7	1.741	2.6	138,615	Open	12.6	273
3/26/2025	20:00:00	7.7	1.703	3	138,641	Open	12.4	272
3/26/2025	20:15:00	7.7	1.662	11.4	138,666	Open	12.3	271
3/26/2025	20:30:00	7.7	1.605	48.9	138,678	Closed	12.2	271
3/26/2025	20:45:00	7.7	1.824	55.6	138,678	Closed	12.2	272
3/26/2025	21:00:00	7.6	1.771	41.5	138,678	Closed	12.4	272
3/26/2025	21:15:00	7.6	1.730	35.3	138,678	Closed	12.7	270
3/26/2025	21:30:00	7.6	0.522	27.8	138,682	Closed	11.6	273
3/26/2025	21:45:00	7.7	1.764	16.5	138,708	Open	11.8	269
3/26/2025	22:00:00	7.7	1.707	21.1	138,715	Closed	11.9	267
3/26/2025	22:15:00	7.7	1.783	15.4	138,727	Open	11.8	269
3/26/2025	22:30:00	7.7	1.711	19.3	138,746	Closed	11.8	269
3/26/2025	22:45:00	7.7	1.639	12.1	138,769	Closed	11.8	270
3/26/2025	23:00:00	7.7	1.582	8.9	138,769	Closed	11.7	272

Date	Time	Discharge pH	Flow Rate (m3)	Discharge NTU	Flow Total (m3)	Discharge Valve Status	Discharge Temperature (°C)	Discharge Conductivity (uS/cm)
3/26/2025	23:15:00	7.7	1.866	6.5	138,773	Open	11.7	272
3/26/2025	23:30:00	7.7	1.836	11.4	138,801	Open	11.6	270
3/26/2025	23:45:00	7.7	1.711	9.9	138,812	Closed	11.6	271
3/27/2025	0:00:00	7.7	0.428	6	138,812	Closed	11.8	270
3/27/2025	0:15:00	7.6	2.320	5	138,812	Closed	11.5	272
3/27/2025	0:30:00	7.6	2.226	5.9	138,837	Open	11.5	271
3/27/2025	0:45:00	7.6	2.157	8.6	138,870	Open	11.5	271
3/27/2025	1:00:00	7.7	2.067	14.8	138,901	Open	11.5	271
3/27/2025	1:15:00	7.7	2.180	17.7	138,930	Open	11.6	269
3/27/2025	1:30:00	7.7	0.000	15.1	138,943	Open	12.2	269
3/27/2025	1:45:00	7.7	0.000	8.7	138,943	Open	13.2	267
3/27/2025	2:00:00	7.7	2.040	10	138,970	Open	12	265
3/27/2025	2:15:00	7.7	2.245	4.9	138,999	Open	11.8	266
3/27/2025	2:30:00	7.7	2.142	10.5	139,032	Open	11.9	271
3/27/2025	2:45:00	7.7	2.006	17.3	139,063	Open	11.9	269
3/27/2025	3:00:00	7.7	0.000	5	139,077	Open	12.3	271
3/27/2025	3:15:00	7.7	0.000	11.9	139,078	Open	13.7	269
3/27/2025	3:30:00	7.7	0.000	5.4	139,078	Open	14.5	269
3/27/2025	3:45:00	7.7	2.173	36.3	139,083	Closed	11.8	269
3/27/2025	4:00:00	7.7	2.063	28.9	139,083	Closed	11.9	272
3/27/2025	4:15:00	7.7	2.051	14.1	139,097	Open	11.8	273
3/27/2025	4:30:00	7.7	1.968	10.9	139,128	Open	11.8	272
3/27/2025	4:45:00	7.7	1.938	12.9	139,157	Open	11.7	269
3/27/2025	5:00:00	7.6	1.998	10.2	139,186	Open	11.7	269
3/27/2025	5:15:00	7.6	2.014	7	139,216	Open	11.7	269
3/27/2025	5:30:00	7.6	1.048	12.3	139,230	Closed	11.5	271

FRONTIER-KEMPER MICHELS® joint venture		Eagle Mountain- Woodfibre Gas Pipeline Project- Tunnel Scope	
Title	**WoodFibre Weekly Water Discharge Report**	**Revision:**	**0**
Data Date Range	**March 24, 2025 to March 30, 2025**	**Prepared by:** **Approved by:** **Date:**	**SD** **BC2** **April 04, 2025**

Date	Time	Discharge pH	Flow Rate (m3)	Discharge NTU	Flow Total (m3)	Discharge Valve Status	Discharge Temperature (°C)	Discharge Conductivity (uS/cm)
3/27/2025	5:45:00	7.6	2.290	10.9	139,230	Closed	11.4	271
3/27/2025	6:00:00	7.7	2.154	26.6	139,254	Open	11.6	271
3/27/2025	6:15:00	7.7	0.235	11	139,283	Open	11.6	268
3/27/2025	6:30:00	7.6	0.000	8	139,283	Open	12.3	266
3/27/2025	6:45:00	7.7	2.025	7.4	139,306	Open	11.7	266
3/27/2025	7:00:00	7.7	1.953	5.9	139,336	Open	11.7	267
3/27/2025	7:15:00	7.7	1.893	7.7	139,365	Open	11.8	268
3/27/2025	7:30:00	7.7	0.000	5.2	139,376	Open	12.3	266
3/27/2025	7:45:00	7.7	2.279	3.9	139,392	Open	11.6	269
3/27/2025	8:00:00	7.7	2.173	4.5	139,425	Open	11.6	267
3/27/2025	8:15:00	7.7	2.074	5.5	139,457	Open	11.7	267
3/27/2025	8:30:00	7.7	1.980	7.1	139,487	Open	11.6	267
3/27/2025	8:45:00	7.7	0.420	20.8	139,512	Open	11.6	267
3/27/2025	9:00:00	7.7	1.514	2.5	139,526	Open	11.8	267
3/27/2025	9:15:00	7.7	1.760	4.9	139,551	Open	11.7	266
3/27/2025	9:30:00	7.7	1.699	4.5	139,577	Open	11.7	266
3/27/2025	9:45:00	7.7	1.662	5.3	139,602	Open	11.8	266
3/27/2025	10:00:00	7.7	0.450	3.4	139,624	Open	11.9	266
3/27/2025	10:15:00	7.6	1.529	1.3	139,639	Open	11.8	266
3/27/2025	10:30:00	7.6	1.938	8.7	139,665	Open	11.7	265
3/27/2025	10:45:00	7.6	1.938	4.6	139,694	Open	11.6	265
3/27/2025	11:00:00	7.6	1.889	4.6	139,722	Open	11.6	263
3/27/2025	11:15:00	7.6	1.874	9.1	139,750	Open	11.7	263
3/27/2025	11:30:00	7.6	1.802	5.6	139,778	Open	11.8	266
3/27/2025	11:45:00	7.6	1.775	5.6	139,805	Open	11.9	266
3/27/2025	12:00:00	7.6	1.771	6.3	139,832	Open	12	266

Date	Time	Discharge pH	Flow Rate (m3)	Discharge NTU	Flow Total (m3)	Discharge Valve Status	Discharge Temperature (°C)	Discharge Conductivity (uS/cm)
3/27/2025	12:15:00	7.6	1.764	7.4	139,858	Open	12.1	266
3/27/2025	12:30:00	7.6	1.752	7.3	139,885	Open	12.2	266
3/27/2025	12:45:00	7.6	1.207	8.6	139,907	Open	12.7	264
3/27/2025	13:00:00	7.6	1.915	15	139,933	Open	12.1	264
3/27/2025	13:15:00	7.6	1.821	7.9	139,961	Open	12.1	264
3/27/2025	13:30:00	7.6	1.264	3.7	139,980	Open	12.1	266
3/27/2025	13:45:00	7.6	1.245	2.9	139,998	Open	12.1	266
3/27/2025	14:00:00	7.6	0.886	3.8	140,015	Open	12.2	266
3/27/2025	14:15:00	7.6	1.329	2.7	140,034	Open	11.9	269
3/27/2025	14:30:00	7.5	1.223	4	140,054	Open	11.9	272
3/27/2025	14:45:00	7.5	1.302	6.9	140,073	Open	11.9	277
3/27/2025	15:00:00	7.5	0.908	9.4	140,090	Open	12.3	277
3/27/2025	15:15:00	7.4	1.298	13.9	140,109	Open	12	282
3/27/2025	15:30:00	7.4	0.481	17.5	140,125	Open	12.2	287
3/27/2025	15:45:00	7.3	1.260	26.7	140,142	Open	12.1	295
3/27/2025	16:00:00	7.3	1.298	38.3	140,162	Open	12.1	299
3/27/2025	16:15:00	7.3	1.264	16.7	140,182	Open	12.5	298
3/27/2025	16:30:00	7.2	1.219	15.3	140,201	Open	13.3	299
3/27/2025	16:45:00	7.2	1.196	13.6	140,219	Open	14.1	300
3/27/2025	17:00:00	7.2	1.537	17	140,239	Open	12.5	299
3/27/2025	17:15:00	7.2	1.499	17.1	140,261	Open	12.3	299
3/27/2025	17:30:00	7.2	1.435	12.8	140,283	Open	13.3	299
3/27/2025	17:45:00	7.2	1.457	10	140,306	Open	12.8	298
3/27/2025	18:00:00	7.2	1.435	11.3	140,327	Open	13.3	299
3/27/2025	18:15:00	7.2	1.771	20.1	140,347	Open	12	298
3/27/2025	18:30:00	7.3	1.949	13.7	140,374	Open	11.8	297

Date	Time	Discharge pH	Flow Rate (m3)	Discharge NTU	Flow Total (m3)	Discharge Valve Status	Discharge Temperature (°C)	Discharge Conductivity (uS/cm)
3/27/2025	18:45:00	7.3	1.877	21.4	140,403	Open	11.8	295
3/27/2025	19:00:00	7.3	1.881	15.7	140,431	Open	11.8	289
3/27/2025	19:15:00	7.3	0.655	24.6	140,452	Open	12.3	289
3/27/2025	19:30:00	7.3	1.472	9.6	140,464	Open	12.2	287
3/27/2025	19:45:00	7.3	1.469	5.5	140,486	Open	12.7	292
3/27/2025	20:00:00	7.3	1.469	3.7	140,508	Open	13.3	292
3/27/2025	20:15:00	7.3	1.453	3	140,530	Open	13.9	292
3/27/2025	20:30:00	7.3	2.214	3.3	140,552	Open	14.3	291
3/27/2025	20:45:00	7.3	2.233	11.8	140,585	Open	11.8	288
3/27/2025	21:00:00	7.4	2.142	11.7	140,617	Open	11.8	286
3/27/2025	21:15:00	7.4	2.135	11.4	140,650	Open	11.9	284
3/27/2025	21:30:00	7.4	2.036	69.6	140,681	Open	11.9	283
3/27/2025	21:45:00	7.4	1.896	28.9	140,712	Open	11.9	283
3/27/2025	22:00:00	7.4	0.163	13	140,714	Open	12.4	283
3/27/2025	22:15:00	7.5	0.708	13.7	140,724	Open	11.6	279
3/27/2025	22:30:00	7.5	2.033	7.9	140,754	Open	11.6	278
3/27/2025	22:45:00	7.6	1.919	11.4	140,784	Open	11.5	278
3/27/2025	23:00:00	7.6	0.484	10.6	140,804	Open	11.7	278
3/27/2025	23:15:00	7.6	0.655	19.6	140,813	Open	11.6	281
3/27/2025	23:30:00	7.7	0.000	3.5	140,826	Open	11.5	286
3/27/2025	23:45:00	7.6	0.106	2.7	140,830	Open	12.2	284
3/28/2025	0:00:00	7.6	2.044	2.3	140,856	Open	11.4	298
3/28/2025	0:15:00	7.6	1.575	6.5	140,885	Open	11.5	304
3/28/2025	0:30:00	7.6	1.885	47.8	140,913	Open	11.5	306
3/28/2025	0:45:00	7.7	0.712	5.6	140,934	Open	11.4	313
3/28/2025	1:00:00	7.8	0.288	9.4	140,960	Open	11.6	316

FRONTIER-KEMPER MICHELS® joint venture		Eagle Mountain- Woodfibre Gas Pipeline Project- Tunnel Scope	
Title	**WoodFibre Weekly Water Discharge Report**	**Revision:**	**0**
Data Date Range	**March 24, 2025 to March 30, 2025**	**Prepared by:** **Approved by:** **Date:**	**SD** **BC2** **April 04, 2025**

Date	Time	Discharge pH	Flow Rate (m3)	Discharge NTU	Flow Total (m3)	Discharge Valve Status	Discharge Temperature (°C)	Discharge Conductivity (uS/cm)
3/28/2025	1:15:00	7.9	0.114	7.5	140,961	Open	12.2	316
3/28/2025	1:30:00	7.9	1.915	6.7	140,971	Open	11.8	314
3/28/2025	1:45:00	7.9	1.665	13.3	140,997	Open	11.8	312
3/28/2025	2:00:00	8	2.040	5.6	141,028	Open	11.5	314
3/28/2025	2:15:00	8.1	1.942	12.4	141,058	Open	11.5	320
3/28/2025	2:30:00	8.2	0.397	13.4	141,066	Open	12.1	314
3/28/2025	2:45:00	8.3	0.715	19.6	141,079	Open	11.8	319
3/28/2025	3:00:00	8.5	2.036	23.6	141,108	Open	11.5	324
3/28/2025	3:15:00	8.8	2.176	26	141,128	Open	11.4	334
3/28/2025	3:30:00	9	2.116	48.9	141,135	Closed	11.4	337
3/28/2025	3:45:00	8.9	0.958	75.5	141,135	Closed	11.6	338
3/28/2025	4:00:00	8.6	0.000	32.9	141,135	Closed	11.7	343
3/28/2025	4:15:00	8.3	0.000	16.9	141,135	Closed	12	355
3/28/2025	4:30:00	8.1	0.447	39.3	141,135	Closed	11.4	348
3/28/2025	4:45:00	8.1	2.123	15.2	141,135	Closed	11.3	344
3/28/2025	5:00:00	8.1	2.025	18.1	141,135	Closed	11.4	344
3/28/2025	5:15:00	8	1.987	16.3	141,135	Closed	11.5	341
3/28/2025	5:30:00	8	1.658	61.3	141,135	Closed	11.7	343
3/28/2025	5:45:00	8.1	1.692	45.5	141,135	Closed	11.4	330
3/28/2025	6:00:00	8.1	1.287	29	141,135	Closed	11.8	328
3/28/2025	6:15:00	8.1	0.746	22.1	141,135	Closed	11.3	328
3/28/2025	6:30:00	8	2.120	16.8	141,135	Closed	11.5	330
3/28/2025	6:45:00	7.9	0.189	16.9	141,135	Closed	11.7	337
3/28/2025	7:00:00	7.9	0.337	15.9	141,135	Closed	11.5	333
3/28/2025	7:15:00	7.7	2.097	14.5	141,135	Closed	11.5	337
3/28/2025	7:30:00	7.7	2.021	11.7	141,135	Closed	11.5	337

FRONTIER-KEMPER MICHELS® joint venture		Eagle Mountain- Woodfibre Gas Pipeline Project- Tunnel Scope	
Title	**WoodFibre Weekly Water Discharge Report**	**Revision:**	**0**
Data Date Range	**March 24, 2025 to March 30, 2025**	**Prepared by:** **Approved by:** **Date:**	**SD** **BC2** **April 04, 2025**

Date	Time	Discharge pH	Flow Rate (m3)	Discharge NTU	Flow Total (m3)	Discharge Valve Status	Discharge Temperature (°C)	Discharge Conductivity (uS/cm)
3/28/2025	7:45:00	7.5	1.938	8.5	141,145	Open	11.5	333
3/28/2025	8:00:00	7.4	1.525	13.1	141,171	Open	11.6	332
3/28/2025	8:15:00	7.4	0.564	17.4	141,193	Open	11.6	331
3/28/2025	8:30:00	7.5	1.503	16.9	141,200	Open	11.7	337
3/28/2025	8:45:00	7.5	0.670	13.2	141,211	Open	12.1	343
3/28/2025	9:00:00	7.6	2.188	10.9	141,229	Open	12.4	348
3/28/2025	9:15:00	7.6	2.127	4.2	141,261	Open	11.3	330
3/28/2025	9:30:00	7.7	2.123	4	141,293	Open	11.1	322
3/28/2025	9:45:00	7.7	2.033	3.3	141,324	Open	11.1	318
3/28/2025	10:00:00	7.8	1.927	9	141,354	Open	11.1	316
3/28/2025	10:15:00	7.8	1.930	9	141,383	Open	11.1	312
3/28/2025	10:30:00	7.8	1.847	14.1	141,411	Open	11.2	309
3/28/2025	10:45:00	7.8	0.795	13.1	141,437	Open	11.4	309
3/28/2025	11:00:00	7.8	0.000	10.1	141,447	Open	11.5	304
3/28/2025	11:15:00	7.8	1.442	1.9	141,459	Open	11.4	304
3/28/2025	11:30:00	7.8	1.843	14.8	141,479	Open	11.6	301
3/28/2025	11:45:00	7.9	1.915	7.7	141,495	Open	11.3	296
3/28/2025	12:00:00	7.9	1.858	10.1	141,524	Open	11.2	293
3/28/2025	12:15:00	7.8	2.010	10.5	141,553	Open	11.5	293
3/28/2025	12:30:00	7.6	1.821	9.7	141,582	Open	11.6	296
3/28/2025	12:45:00	7.3	1.775	11.3	141,609	Open	11.4	302
3/28/2025	13:00:00	7.3	1.688	7.9	141,625	Open	11.5	302
3/28/2025	13:15:00	7.4	1.783	6.2	141,650	Open	11.3	299
3/28/2025	13:30:00	7.2	1.726	5.2	141,677	Open	11.3	303
3/28/2025	13:45:00	7.4	1.707	5.7	141,703	Open	11.5	282
3/28/2025	14:00:00	7.3	1.336	9.4	141,723	Open	11.3	284

FRONTIER-KEMPER MICHELS® joint venture		Eagle Mountain- Woodfibre Gas Pipeline Project- Tunnel Scope	
Title	**WoodFibre Weekly Water Discharge Report**	**Revision:**	**0**
Data Date Range	**March 24, 2025 to March 30, 2025**	**Prepared by:** **Approved by:** **Date:**	**SD** **BC2** **April 04, 2025**

Date	Time	Discharge pH	Flow Rate (m3)	Discharge NTU	Flow Total (m3)	Discharge Valve Status	Discharge Temperature (°C)	Discharge Conductivity (uS/cm)
3/28/2025	14:15:00	7.4	0.791	4.9	141,741	Open	11.3	281
3/28/2025	14:30:00	7.5	0.780	4	141,753	Open	11.8	282
3/28/2025	14:45:00	7.5	0.780	3.9	141,765	Open	12.3	281
3/28/2025	15:00:00	7.2	1.522	6.4	141,781	Open	11.3	301
3/28/2025	15:15:00	7.3	1.715	7.7	141,798	Open	11.4	284
3/28/2025	15:30:00	7.5	1.662	8	141,823	Open	11.3	278
3/28/2025	15:45:00	7.2	1.631	9.1	141,848	Open	11.2	280
3/28/2025	16:00:00	7.5	1.586	11.7	141,871	Open	11.3	279
3/28/2025	16:15:00	7.6	1.215	14.4	141,894	Open	11.3	280
3/28/2025	16:30:00	7.7	1.692	13.2	141,916	Open	11.2	276
3/28/2025	16:45:00	7.8	2.067	19.3	141,944	Open	11.1	286
3/28/2025	17:00:00	7.6	2.059	13.9	141,974	Open	11.1	327
3/28/2025	17:15:00	7.6	1.283	28.7	142,002	Open	11.2	370
3/28/2025	17:30:00	7.8	1.760	88.8	142,026	Open	11.2	371
3/28/2025	17:45:00	7.9	1.612	31.3	142,049	Open	11.1	353
3/28/2025	18:00:00	8	1.060	19.3	142,072	Open	11.2	337
3/28/2025	18:15:00	8	1.370	51.5	142,078	Open	11.2	325
3/28/2025	18:30:00	14.9	1.609	0.9	142,100	Open	11.3	307
3/28/2025	18:45:00	14.9	1.582	79.5	142,125	Open	11.7	314
3/28/2025	19:00:00	6.2	1.665	10.7	142,150	Open	11.1	281
3/28/2025	19:15:00	3.9	1.226	24.8	142,174	Open	11.1	275
3/28/2025	19:30:00	4.1	1.972	13.2	142,198	Open	11.1	269
3/28/2025	19:45:00	4.4	1.923	12	142,227	Open	11.2	114
3/28/2025	20:00:00	4.6	1.881	11.8	142,256	Open	11.2	270
3/28/2025	20:15:00	4.8	1.400	13.5	142,283	Open	11.2	274
3/28/2025	20:30:00	4.8	1.900	12.2	142,308	Open	11.1	277

FRONTIER-KEMPER MICHELS® joint venture		Eagle Mountain- Woodfibre Gas Pipeline Project- Tunnel Scope	
Title	**WoodFibre Weekly Water Discharge Report**	**Revision:**	**0**
Data Date Range	**March 24, 2025 to March 30, 2025**	**Prepared by:** **Approved by:** **Date:**	**SD** **BC2** **April 04, 2025**

Date	Time	Discharge pH	Flow Rate (m3)	Discharge NTU	Flow Total (m3)	Discharge Valve Status	Discharge Temperature (°C)	Discharge Conductivity (uS/cm)
3/28/2025	20:45:00	5	1.817	30.6	142,336	Open	11.1	281
3/28/2025	21:00:00	5.2	1.805	23.8	142,364	Open	11.1	278
3/28/2025	21:15:00	5.3	0.170	27.8	142,374	Open	11.1	281
3/28/2025	21:30:00	5.4	1.896	20.4	142,395	Open	11.1	284
3/28/2025	21:45:00	5.4	0.223	29.5	142,420	Open	11.2	284
3/28/2025	22:00:00	5.4	0.000	19.6	142,420	Open	11.6	282
3/28/2025	22:15:00	5.9	1.881	20.4	142,430	Open	11.2	283
3/28/2025	22:30:00	5.8	1.851	23.2	142,458	Open	11.1	282
3/28/2025	22:45:00	5.7	1.809	20.7	142,486	Open	11	280
3/28/2025	23:00:00	5.6	1.779	18.3	142,513	Open	11	280
3/28/2025	23:15:00	5.6	1.764	16	142,539	Open	11.1	281
3/28/2025	23:30:00	5.5	1.699	15.7	142,565	Open	11.1	282
3/28/2025	23:45:00	5.5	1.688	17.8	142,591	Open	11.1	282
3/29/2025	0:00:00	5.4	1.707	27.4	142,617	Open	11.1	282
3/29/2025	0:15:00	5.9	0.534	27.5	142,636	Closed	11.1	282
3/29/2025	0:30:00	6.4	1.904	23.4	142,655	Open	11.1	284
3/29/2025	0:45:00	6.5	1.870	29	142,684	Open	11.1	286
3/29/2025	1:00:00	5.7	1.794	27.6	142,711	Open	11.1	281
3/29/2025	1:15:00	4.7	1.336	32.3	142,736	Open	11.2	277
3/29/2025	1:30:00	4.3	1.847	36.3	142,763	Open	11.1	113
3/29/2025	1:45:00	4.5	1.927	31.6	142,778	Closed	11	271
3/29/2025	2:00:00	6.5	1.938	39.8	142,803	Closed	11	286
3/29/2025	2:15:00	7.3	1.446	36.4	142,803	Closed	11	305
3/29/2025	2:30:00	7.5	0.000	27	142,803	Closed	11.2	303
3/29/2025	2:45:00	7.6	0.000	15.8	142,803	Closed	11.6	302
3/29/2025	3:00:00	7.5	1.919	25.8	142,818	Open	11	298

FRONTIER-KEMPER MICHELS® joint venture		Eagle Mountain- Woodfibre Gas Pipeline Project- Tunnel Scope	
Title	**WoodFibre Weekly Water Discharge Report**	**Revision:**	**0**
Data Date Range	**March 24, 2025 to March 30, 2025**	**Prepared by:** **Approved by:** **Date:**	**SD** **BC2** **April 04, 2025**

Date	Time	Discharge pH	Flow Rate (m3)	Discharge NTU	Flow Total (m3)	Discharge Valve Status	Discharge Temperature (°C)	Discharge Conductivity (uS/cm)
3/29/2025	3:15:00	7	2.002	35	142,837	Closed	10.8	280
3/29/2025	3:30:00	6.7	1.919	35.6	142,848	Open	10.9	274
3/29/2025	3:45:00	6.5	1.900	27.1	142,876	Open	10.9	274
3/29/2025	4:00:00	5.8	1.885	16.5	142,905	Open	10.9	277
3/29/2025	4:15:00	5.1	1.942	10.5	142,927	Open	10.9	274
3/29/2025	4:30:00	4.9	1.949	9.2	142,957	Open	11	269
3/29/2025	4:45:00	5	1.923	6.3	142,986	Open	11	269
3/29/2025	5:00:00	5.3	1.896	5.6	143,014	Open	11	276
3/29/2025	5:15:00	5.6	1.964	4.7	143,040	Open	11	277
3/29/2025	5:30:00	5.8	1.893	4.1	143,069	Open	11	277
3/29/2025	5:45:00	6	1.858	4.3	143,097	Open	11	277
3/29/2025	6:00:00	6.1	1.817	3.7	143,125	Open	11	277
3/29/2025	6:15:00	6.1	1.885	4.5	143,149	Open	11	277
3/29/2025	6:30:00	6.3	1.711	16.3	143,176	Open	11	277
3/29/2025	6:45:00	6.3	1.669	6.1	143,202	Open	11	277
3/29/2025	7:00:00	6.3	1.639	5.2	143,226	Open	11.1	277
3/29/2025	7:15:00	6.3	1.794	6.2	143,249	Open	11.1	279
3/29/2025	7:30:00	6.4	1.711	5.8	143,275	Open	11.1	281
3/29/2025	7:45:00	6.5	1.658	6.4	143,301	Open	11.1	281
3/29/2025	8:00:00	6.5	1.620	9	143,325	Open	11.1	279
3/29/2025	8:15:00	6.6	1.779	4.4	143,347	Open	11.4	277
3/29/2025	8:30:00	6.6	1.692	3.6	143,373	Open	11.1	277
3/29/2025	8:45:00	6.5	1.631	5.6	143,398	Open	11.2	278
3/29/2025	9:00:00	6.5	1.593	5.2	143,422	Open	11.3	275
3/29/2025	9:15:00	6.5	1.684	3.9	143,444	Open	11.8	272
3/29/2025	9:30:00	6.4	1.503	5.7	143,468	Open	11.2	271

FRONTIER-KEMPER MICHELS® joint venture		Eagle Mountain- Woodfibre Gas Pipeline Project- Tunnel Scope	
Title	**WoodFibre Weekly Water Discharge Report**	**Revision:**	**0**
Data Date Range	**March 24, 2025 to March 30, 2025**	**Prepared by:** **Approved by:** **Date:**	**SD** **BC2** **April 04, 2025**

Date	Time	Discharge pH	Flow Rate (m3)	Discharge NTU	Flow Total (m3)	Discharge Valve Status	Discharge Temperature (°C)	Discharge Conductivity (uS/cm)
3/29/2025	9:45:00	6.5	1.427	18.4	143,490	Open	11.1	274
3/29/2025	10:00:00	6.5	0.696	67	143,511	Open	11.2	274
3/29/2025	10:15:00	6.7	1.491	11	143,511	Open	11.3	273
3/29/2025	10:30:00	6.6	1.453	6.7	143,534	Open	11	273
3/29/2025	10:45:00	6.6	1.472	6.9	143,556	Open	11	278
3/29/2025	11:00:00	-0.4	1.491	4.9	143,571	Open	11.1	277
3/29/2025	11:15:00	-0.4	1.476	8.1	143,593	Open	11	281
3/29/2025	11:30:00	7.4	1.423	9.3	143,615	Open	11	279
3/29/2025	11:45:00	7.4	1.419	9.7	143,637	Open	10.9	278
3/29/2025	12:00:00	7.4	1.802	9.1	143,644	Open	10.8	278
3/29/2025	12:15:00	7.3	1.855	2.4	143,671	Open	10.7	280
3/29/2025	12:30:00	7.4	1.749	2.5	143,698	Open	10.8	279
3/29/2025	12:45:00	7.6	1.397	3	143,722	Open	10.9	279
3/29/2025	13:00:00	7.8	1.563	13	143,742	Open	10.9	279
3/29/2025	13:15:00	7.9	1.699	10.5	143,750	Open	10.8	279
3/29/2025	13:30:00	7.7	1.692	8.4	143,771	Open	10.9	281
3/29/2025	13:45:00	7.1	1.654	8	143,796	Open	10.8	281
3/29/2025	14:00:00	7	1.624	7.7	143,820	Open	10.9	281
3/29/2025	14:15:00	6.8	1.544	6.3	143,843	Open	10.9	281
3/29/2025	14:30:00	7.9	1.525	7.6	143,867	Open	11	279
3/29/2025	14:45:00	8.2	1.514	9.1	143,889	Open	11	278
3/29/2025	15:00:00	7.7	1.540	7	143,912	Open	11	276
3/29/2025	15:15:00	8.7	1.378	8.5	143,920	Closed	10.9	274
3/29/2025	15:30:00	9.5	1.389	12.2	143,929	Closed	10.9	281
3/29/2025	15:45:00	10.4	0.954	27.4	143,934	Closed	10.8	304
3/29/2025	16:00:00	10.5	1.026	18.8	143,934	Closed	10.8	320

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)
3/29/2025	16:15:00	5.8	0.000	7.1	143,940	Closed	10.9	293
3/29/2025	16:30:00	5.4	0.193	9.9	143,940	Closed	10.9	291
3/29/2025	16:45:00	6.1	1.961	14.6	143,940	Closed	10.8	286
3/29/2025	17:00:00	6.5	1.525	8.2	143,940	Closed	10.8	286
3/29/2025	17:15:00	6.8	1.699	10.4	143,957	Open	10.8	289
3/29/2025	17:30:00	7.1	1.726	13.3	143,982	Open	10.8	291
3/29/2025	17:45:00	7.4	1.813	19.1	144,004	Open	10.9	291
3/29/2025	18:00:00	7.6	1.802	20.5	144,023	Closed	10.9	288
3/29/2025	18:15:00	7.6	2.135	1.7	144,050	Open	10.9	283
3/29/2025	18:30:00	7.6	1.624	12.7	144,075	Open	10.8	283
3/29/2025	18:45:00	8.4	1.586	9.9	144,099	Open	10.8	283
3/29/2025	19:00:00	8.2	1.491	11.4	144,122	Open	10.7	291
3/29/2025	19:15:00	9.1	1.506	15.5	144,142	Open	10.7	313
3/29/2025	19:30:00	9.7	1.495	17.9	144,158	Closed	10.7	326
3/29/2025	19:45:00	7.7	1.544	10.9	144,170	Open	10.6	355
3/29/2025	20:00:00	7.2	1.563	8.7	144,193	Open	10.7	339
3/29/2025	20:15:00	8.1	1.529	21.5	144,216	Open	10.7	326
3/29/2025	20:30:00	6.5	1.559	10.5	144,240	Open	10.8	311
3/29/2025	20:45:00	6.9	1.529	10.5	144,263	Open	10.7	303
3/29/2025	21:00:00	6.8	1.522	14.8	144,286	Open	10.7	305
3/29/2025	21:15:00	6.7	1.514	20.8	144,309	Open	10.7	312
3/29/2025	21:30:00	6.6	1.491	16.1	144,331	Open	10.8	315
3/29/2025	21:45:00	6.8	1.480	15.4	144,353	Open	10.9	314
3/29/2025	22:00:00	6.3	0.564	40.3	144,372	Closed	10.9	313
3/29/2025	22:15:00	7.2	1.715	16.1	144,372	Closed	10.8	312
3/29/2025	22:30:00	6.9	1.870	13.1	144,385	Open	10.7	317

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)
3/29/2025	22:45:00	7.1	1.843	14.7	144,413	Open	10.7	317
3/29/2025	23:00:00	7	1.900	17.6	144,421	Open	10.6	315
3/29/2025	23:15:00	6.9	1.881	17.2	144,449	Open	10.7	312
3/29/2025	23:30:00	6.8	1.832	20.1	144,477	Open	10.7	309
3/29/2025	23:45:00	6.8	1.790	23.7	144,504	Open	10.8	309
3/30/2025	0:00:00	7.1	1.223	43.3	144,525	Open	10.9	305
3/30/2025	0:15:00	6.4	0.594	39.9	144,525	Closed	10.7	300
3/30/2025	0:30:00	6.5	3.036	402.1	144,533	Closed	11.4	111
3/30/2025	0:45:00	7	1.734	36.1	144,533	Closed	10.9	296
3/30/2025	1:00:00	7.4	1.718	36.6	144,533	Closed	10.7	291
3/30/2025	1:15:00	6.8	1.291	24.6	144,534	Open	11.2	298
3/30/2025	1:30:00	7.4	1.730	5.2	144,560	Open	12	114
3/30/2025	1:45:00	6.7	1.703	15.7	144,586	Open	10.8	287
3/30/2025	2:00:00	7.2	1.681	14.4	144,611	Open	10.8	286
3/30/2025	2:15:00	7.6	1.257	10.2	144,633	Open	11.3	285
3/30/2025	2:30:00	7.6	1.711	11.4	144,658	Open	10.6	284
3/30/2025	2:45:00	7.6	1.681	9.5	144,684	Open	10.7	284
3/30/2025	3:00:00	7.6	1.662	11.8	144,709	Open	10.7	283
3/30/2025	3:15:00	7.6	1.200	9.4	144,731	Open	11.7	283
3/30/2025	3:30:00	7.5	1.257	23.1	144,756	Open	10.8	284
3/30/2025	3:45:00	7.5	1.741	19.7	144,776	Open	10.7	286
3/30/2025	4:00:00	7.5	0.379	20.3	144,801	Open	10.8	286
3/30/2025	4:15:00	7.5	1.703	15.9	144,817	Open	10.8	287
3/30/2025	4:30:00	7.5	1.226	13	144,842	Open	10.8	285
3/30/2025	4:45:00	7.6	1.730	7	144,863	Open	10.9	283
3/30/2025	5:00:00	7.6	1.703	8	144,889	Open	10.9	282

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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)
3/30/2025	5:15:00	7.6	1.684	6.2	144,915	Open	10.9	282
3/30/2025	5:30:00	7.6	1.147	7.5	144,939	Open	10.9	282
3/30/2025	5:45:00	7.5	1.715	4.8	144,961	Open	11	282
3/30/2025	6:00:00	7.5	1.696	6.8	144,987	Open	10.9	282
3/30/2025	6:15:00	7.5	1.681	3.6	145,012	Open	11	280
3/30/2025	6:30:00	7.5	1.219	3.6	145,037	Open	11	280
3/30/2025	6:45:00	7.5	1.646	40.8	145,058	Open	11	280
3/30/2025	7:00:00	7.5	0.329	20	145,072	Open	10.8	280
3/30/2025	7:15:00	7.5	0.178	14.3	145,074	Open	11.3	280
3/30/2025	7:30:00	7.5	1.673	3.2	145,094	Open	10.8	278
3/30/2025	7:45:00	7.5	1.654	4.5	145,119	Open	10.8	278
3/30/2025	8:00:00	7.4	1.552	11.3	145,144	Open	10.8	278
3/30/2025	8:15:00	7.5	1.620	16.4	145,168	Open	10.8	280
3/30/2025	8:30:00	7.5	1.525	10.1	145,191	Open	10.7	278
3/30/2025	8:45:00	7.5	1.488	12.6	145,214	Open	10.6	279
3/30/2025	9:00:00	7.5	1.677	14.1	145,238	Open	10.7	278
3/30/2025	9:15:00	7.6	1.234	15.5	145,261	Open	11.1	278
3/30/2025	9:30:00	7.6	0.572	11.1	145,273	Open	11.7	282
3/30/2025	9:45:00	7.4	1.616	33.5	145,278	Closed	10.8	286
3/30/2025	10:00:00	7.9	1.620	28.5	145,283	Closed	10.7	282
3/30/2025	10:15:00	7.6	1.919	34.9	145,296	Open	10.8	284
3/30/2025	10:30:00	7	1.764	6.4	145,323	Open	10.8	286
3/30/2025	10:45:00	7.4	1.605	12.1	145,348	Open	10.9	286
3/30/2025	11:00:00	8.2	1.416	35.6	145,369	Closed	11	284
3/30/2025	11:15:00	8	4.341	26.6	145,374	Closed	11.2	286
3/30/2025	11:30:00	7.8	1.643	19.4	145,374	Closed	11.2	298

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)
3/30/2025	11:45:00	9.3	1.423	29.2	145,375	Closed	11.2	286
3/30/2025	12:00:00	8	1.287	21.4	145,375	Closed	11.3	286
3/30/2025	12:15:00	6.9	1.117	13.3	145,378	Closed	11.4	291
3/30/2025	12:30:00	9.5	1.616	21.1	145,378	Closed	11.5	278
3/30/2025	12:45:00	8.2	1.612	11.7	145,393	Open	11.5	279
3/30/2025	13:00:00	8.3	1.480	21.4	145,416	Open	11.6	283
3/30/2025	13:15:00	6.7	0.821	7.3	145,433	Open	12	294
3/30/2025	13:30:00	8.6	1.355	162	145,443	Closed	11.6	286
3/30/2025	13:45:00	8.6	1.836	2.8	145,460	Open	11.6	283
3/30/2025	14:00:00	7	1.798	2.2	145,488	Open	11.6	298
3/30/2025	14:15:00	7.2	1.790	3	145,515	Open	11.5	289
3/30/2025	14:30:00	8.1	1.385	9.2	145,541	Open	11.5	283
3/30/2025	14:45:00	8.2	1.730	2.9	145,548	Closed	11.8	285
3/30/2025	15:00:00	8.1	1.756	1	145,569	Open	11.5	279
3/30/2025	15:15:00	8	1.756	0.9	145,596	Open	11.5	282
3/30/2025	15:30:00	8	1.722	1.1	145,622	Open	11.5	281
3/30/2025	15:45:00	8	1.745	1.1	145,633	Open	11.7	283
3/30/2025	16:00:00	8	1.741	1.3	145,659	Open	11.6	282
3/30/2025	16:15:00	7.9	1.737	2	145,685	Open	11.6	282
3/30/2025	16:30:00	7.8	1.045	5.2	145,709	Open	11.6	279
3/30/2025	16:45:00	7.8	1.537	1.4	145,731	Open	11.6	279
3/30/2025	17:00:00	7.8	1.529	1.5	145,754	Open	11.5	282
3/30/2025	17:15:00	7.8	1.537	3.1	145,777	Open	11.5	282
3/30/2025	17:30:00	7.9	0.969	24.9	145,798	Open	11.5	282
3/30/2025	17:45:00	8	1.556	1.4	145,819	Open	11.5	282
3/30/2025	18:00:00	8	1.544	1.7	145,842	Open	11.4	281

FRONTIER-KEMPER MICHELS® joint venture		Eagle Mountain- Woodfibre Gas Pipeline Project- Tunnel Scope	
Title	**WoodFibre Weekly Water Discharge Report**	**Revision:**	**0**
Data Date Range	**March 24, 2025 to March 30, 2025**	**Prepared by:** **Approved by:** **Date:**	**SD** **BC2** **April 04, 2025**

Date	Time	Discharge pH	Flow Rate (m3)	Discharge NTU	Flow Total (m3)	Discharge Valve Status	Discharge Temperature (°C)	Discharge Conductivity (uS/cm)
3/30/2025	18:15:00	7.9	1.018	32	145,865	Open	11.3	280
3/30/2025	18:30:00	7.9	1.540	1	145,886	Open	11.3	280
3/30/2025	18:45:00	7.9	1.544	1.1	145,909	Open	11.2	280
3/30/2025	19:00:00	7.9	1.540	1.5	145,932	Open	11.2	280
3/30/2025	19:15:00	7.9	0.992	11	145,954	Open	11.2	282
3/30/2025	19:30:00	7.9	0.000	0.6	145,961	Closed	11.5	281
3/30/2025	19:45:00	7.6	1.559	0.4	145,974	Open	11.2	281
3/30/2025	20:00:00	7.5	1.559	1.4	145,998	Open	11.2	283
3/30/2025	20:15:00	8	1.048	9.3	146,020	Open	11.2	283
3/30/2025	20:30:00	7.6	1.563	0.7	146,042	Open	11.2	281
3/30/2025	20:45:00	7	1.563	1	146,065	Open	11.2	286
3/30/2025	21:15:00	8	1.041	4.8	146,111	Open	11	278
3/30/2025	21:30:00	8	1.571	0.9	146,133	Open	11	275
3/30/2025	21:45:00	7.7	1.559	0.9	146,157	Open	11	275
3/30/2025	22:00:00	7.8	1.556	0.9	146,180	Open	10.9	278
3/30/2025	22:15:00	7.6	1.045	11.2	146,202	Open	10.9	278
3/30/2025	22:30:00	7.6	1.556	0.8	146,224	Open	10.9	278
3/30/2025	22:45:00	7.6	1.552	1.2	146,247	Open	10.9	278
3/30/2025	23:00:00	7.6	1.548	0.8	146,270	Open	10.9	278
3/30/2025	23:15:00	7.7	1.540	0.8	146,293	Open	11	280
3/30/2025	23:30:00	7.7	1.548	0.9	146,316	Open	10.9	278
3/30/2025	23:45:00	7.7	1.540	1.3	146,339	Open	10.9	279

Appendix B: Photos

Photo 1: No visible sheen observed in the WTP water, March 25

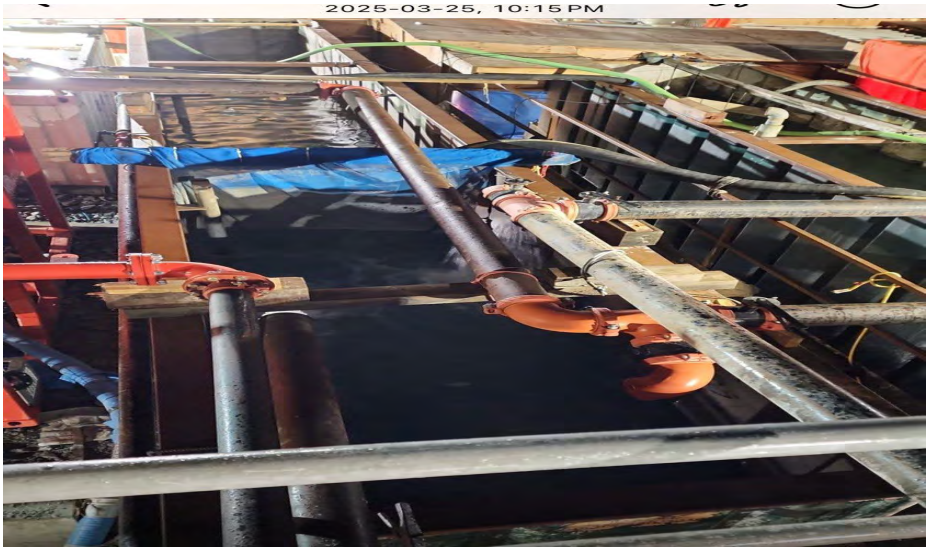



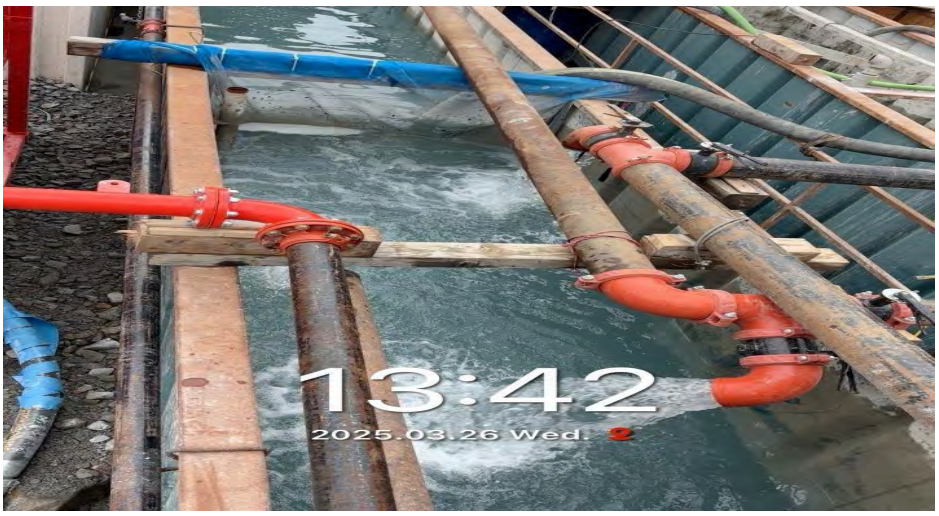
Photo 2: No visible sheen observed in the WTP water, March 26


Photo 3: No visible sheen observed in the WTP water, March 27

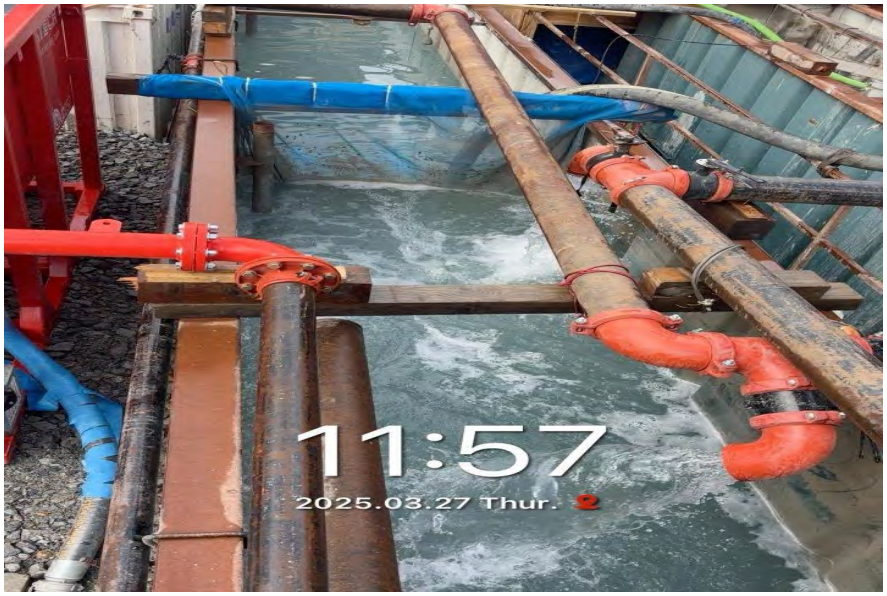



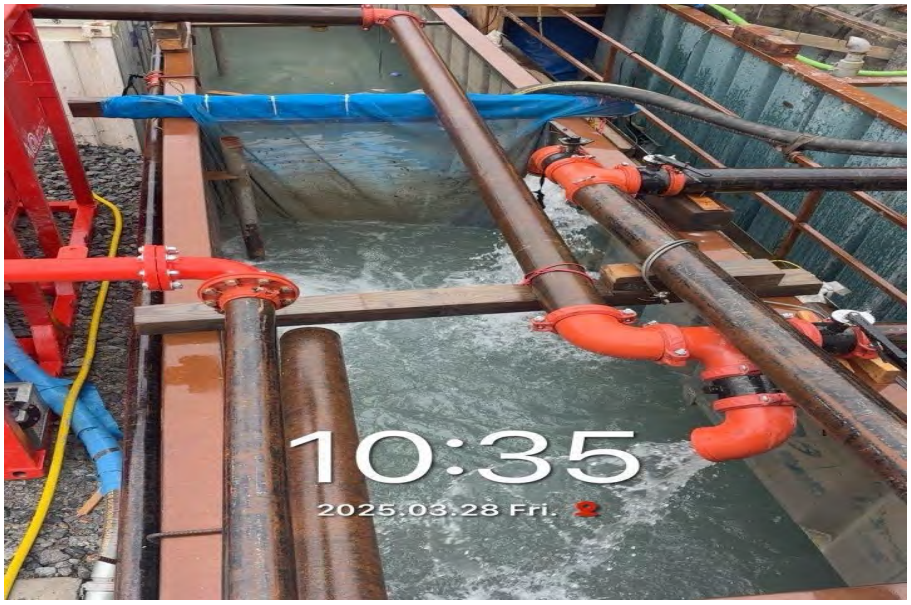
Photo 4: No visible sheen observed in the WTP water, March 28


Photo 5: No visible sheen observed in the WTP water, March 29

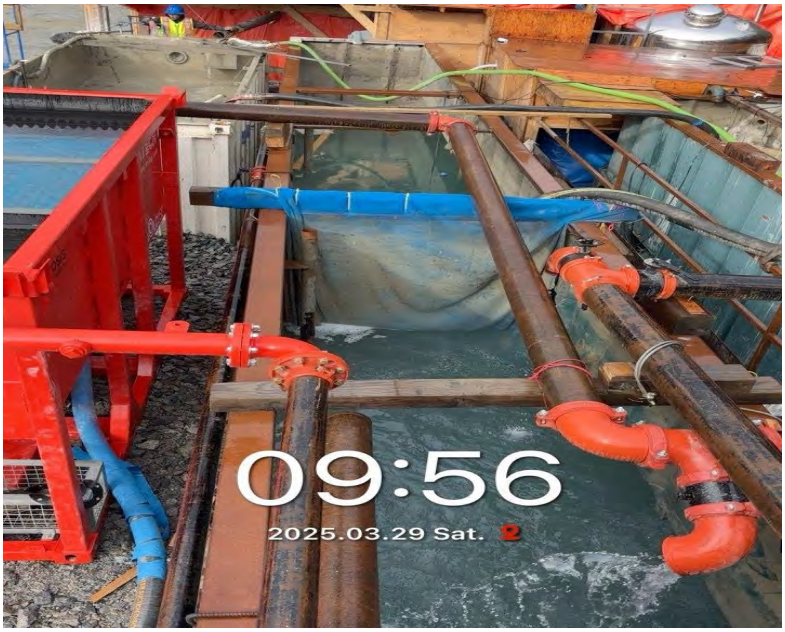



Photo 6: No visible sheen observed in the WTP water, March 30


Appendix D: Woodfibre Site Receiving Environment Documentation

Woodfibre Site Receiving Environment Sample Analysis

Analyte	Units	BC Approved Water Quality Guideline - Freshwater Aquatic Life - Long Term Average	BC Approved Water Quality Guideline - Freshwater Aquatic Life - Short Term Maximum	BC Approved Water Quality Guideline - Marine Aquatic Life - Long Term Average	BC Approved Water Quality Guideline - Marine Aquatic Life - Short Term Maximum	BC Working Water Quality Guideline - Freshwater Aquatic Life - Long Term Average	BC Interim Water Quality Guideline - Freshwater Aquatic Life - Short Term Maximum	Receiving Environment	
								WLNG-US	WLNG-DS
								2025-03-25 11:25:00	2025-03-25 10:20:00
In situ Parameters									
Field pH	**pH Units**	6.5 - 9			7 - 8.7			7.12	7.5
Field Conductivity	**µS/cm**							162.6	62.5
Field Temperature	**°C**	18	19					10.6	7.7
General Parameters									
pH	**pH Units**							6.7	
Conductivity	**uS/cm**							28	45
Alkalinity (Total as $CaCO_3$)	**mg/L**							8.2	13
Alkalinity (PP as $CaCO_3$)	**mg/L**							<1	<1
Hardness ($CaCO_3$)-Total	**mg/L**							9.1	15.7
Hardness ($CaCO_3$)-Dissolved	**mg/L**							10.5	16.1
Sulphide-Total	**mg/L**							<0.0018	<0.0018
Sulphide (as H2S)	**mg/L**			0.002				<0.002	<0.002
Un-ionized Hydrogen Sulfide as H2S-Total	**mg/L**							<0.005	<0.005
Un-ionized Hydrogen Sulfide as S-Total	**mg/L**							<0.005	<0.005
Anions and Nutrients									
Ammonia (N)-Total	**mg/L**	1.83	17.4		12	131		<0.015	<0.015
Bicarbonate (HCO_3)	**mg/L**							10	16
Carbonate (CO_3)	**mg/L**							<1	<1
Hydroxide (OH)	**mg/L**							<1	<1
Nitrate (N)	**mg/L**	3	32.8		3.7			0.036	<0.02
Nitrite (N)	**mg/L**	0.02	0.06					<0.005	<0.005
Nitrate plus Nitrite (N)	**mg/L**							0.036	<0.02
Nitrogen (N)-Total	**mg/L**							0.205	0.183
Phosphorus (P)-Total (4500-P)	**mg/L**							0.25	0.11
Bromide (Br)	**mg/L**							<0.01	<0.01
Chloride (Cl)	**mg/L**	150	600					<1	2.2
Fluoride (F)	**mg/L**		0.428			1.5		<0.05	<0.05
Sulphate (SO_4)-Dissolved	**mg/L**	128						<1	2.4
Ion Balance (% Difference)	**%**							29	8.5
Ion Ratio (cation sum / anion sum)	**N/A**							<0.01	1.2
Total Metals									
Aluminum (Al)-Total	**mg/L**	0.095919						**0.211**	**0.26**
Antimony (Sb)-Total	**mg/L**	0.074	0.25					0.000045	0.000099
Arsenic (As)-Total	**mg/L**	0.005			0.0125			0.000443	0.000332
Barium (Ba)-Total	**mg/L**			1				0.00396	0.0047
Beryllium (Be)-Total	**mg/L**			0.00013			0.1	<0.00001	<0.00001
Bismuth (Bi)-Total	**mg/L**							<0.00001	<0.000005
Boron (B)-Total	**mg/L**	1.2			1.2			<0.01	<0.01
Cadmium (Cd)-Total	**mg/L**						0.00012	0.000008	0.000009
Calcium (Ca)-Total	**mg/L**							2.72	5.49
Cesium (Cs)-Total	**mg/L**								<0.00005
Chromium (Cr)-Total	**mg/L**							0.00011	0.0036
Chromium (Cr III)-Total	**mg/L**			0.0089			0.056	<0.00099	<0.00099
Chromium (Cr VI)-Total	**mg/L**			0.0025			0.0015	0.0014	
Cobalt (Co)-Total	**mg/L**	0.004	0.11					0.000085	0.0000587
Copper (Cu)-Total	**mg/L**				0.002	0.003		0.00186	0.00101
Iron (Fe)-Total	**mg/L**		1					0.117	0.0937
Lead (Pb)-Total	**mg/L**				0.002	0.14		0.000102	0.0000716
Lithium (Li)-Total	**mg/L**							<0.0005	0.00081
Magnesium (Mg)-Total	**mg/L**							0.56	0.487
Manganese (Mn)-Total	**mg/L**	0.651	0.656				0.1	0.00388	0.00417
Mercury (Hg)-Total	**mg/L**	0.00002			0.00002			0.0000031	0.0000027
Molybdenum (Mo)-Total	**mg/L**	7.6	46					0.000562	0.00335
Nickel (Ni)-Total	**mg/L**						0.0083	0.00052	0.0004
Phosphorus (P)-Total (ICPMS)	**mg/L**							0.197	0.0897
Potassium (K)-Total	**mg/L**							0.43	0.488
Rubidium (Rb)-Total	**mg/L**								0.000829
Selenium (Se)-Total	**mg/L**	0.002			0.002			<0.00004	<0.00004
Silicon (Si)-Total	**mg/L**							2.52	3.24
Silver (Ag)-Total	**mg/L**	0.00012				0.0037	0.0005	<0.00001	<0.000005
Sodium (Na)-Total	**mg/L**							1.29	2.07
Strontium (Sr)-Total	**mg/L**							0.0105	0.015
Sulphur (S)-Total	**mg/L**							<3	<3
Tellurium (Te)-Total	**mg/L**								<0.00002
Thallium (Tl)-Total	**mg/L**			0.00003				0.000003	0.0000042
Thorium (Th)-Total	**mg/L**								<0.00005
Tin (Sn)-Total	**mg/L**							<0.0002	<0.0002
Titanium (Ti)-Total	**mg/L**							0.0049	0.00435
Uranium (U)-Total	**mg/L**		0.0165	0.0075				0.000142	0.000327
Vanadium (V)-Total	**mg/L**			0.06			0.005	0.0003	0.00033
Zinc (Zn)-Total	**mg/L**				0.01	0.055		0.0026	0.00277
Zirconium (Zr)-Total	**mg/L**							<0.0001	<0.0001
Dissolved Metals									
Aluminum (Al)-Dissolved	**mg/L**							0.122	0.0898
Antimony (Sb)-Dissolved	**mg/L**							0.000071	0.000096
Arsenic (As)-Dissolved	**mg/L**							0.000487	0.000287
Barium (Ba)-Dissolved	**mg/L**							0.00329	0.00384
Beryllium (Be)-Dissolved	**mg/L**							<0.00001	<0.00001
Bismuth (Bi)-Dissolved	**mg/L**							0.0000117	<0.000005
Boron (B)-Dissolved	**mg/L**							<0.01	<0.01
Cadmium (Cd)-Dissolved	**mg/L**	0.00004	0.000058					0.0000088	0.0000089
Calcium (Ca)-Dissolved	**mg/L**							3.18	5.62
Cesium (Cs)-Dissolved	**mg/L**							<0.00005	<0.00005
Chromium (Cr)-Dissolved	**mg/L**							<0.0001	<0.0001
Cobalt (Co)-Dissolved	**mg/L**							0.0000616	0.0000369
Copper (Cu)-Dissolved	**mg/L**	0.000445457	0.00276736					**0.0016**	**0.000829**
Iron (Fe)-Dissolved	**mg/L**		0.35					0.0282	0.016
Lead (Pb)-Dissolved	**mg/L**	0.002434						0.0000417	0.0000166
Lithium (Li)-Dissolved	**mg/L**							<0.0005	0.00081
Manganese (Mn)-Dissolved	**mg/L**							0.00141	0.00189

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

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

Hatfield		BC Approved Water Quality Guideline - Freshwater Aquatic Life - Long Term Average	BC Approved Water Quality Guideline - Freshwater Aquatic Life - Short Term Maximum	BC Approved Water Quality Guideline - Marine Aquatic Life - Long Term Average	BC Approved Water Quality Guideline - Marine Aquatic Life - Short Term Maximum	BC Working Water Quality Guideline - Freshwater Aquatic Life - Long Term Average	BC Interim Water Quality Guideline - Freshwater Aquatic Life - Short Term Maximum	Receiving Environment	
								WLNG-US	**WLNG-DS**
								2025-03-25 11:25:00	**2025-03-25 10:20:00**
Analyte	**Units**								
Dissolved Metals (Cont'd.)									
Magnesium (Mg)-Dissolved	**mg/L**							0.625	0.5
Mercury (Hg)-Dissolved	**mg/L**							0.0000027	0.0000021
Molybdenum (Mo)-Dissolved	**mg/L**							0.000611	0.00351
Nickel (Ni)-Dissolved	**mg/L**	0.0009	0.0146					0.000566	0.00039
Phosphorus (P)-Dissolved	**mg/L**							0.225	0.0753
Potassium (K)-Dissolved	**mg/L**							0.462	0.493
Rubidium (Rb)-Dissolved	**mg/L**							0.000425	0.000702
Selenium (Se)-Dissolved	**mg/L**							<0.00004	<0.00004
Silicon (Si)-Dissolved	**mg/L**							2.89	3.13
Silver (Ag)-Dissolved	**mg/L**							0.0000069	<0.000005
Sodium (Na)-Dissolved	**mg/L**							1.45	2.21
Strontium (Sr)-Dissolved	**mg/L**			1.25				0.0123	0.0155
Sulphur (S)-Dissolved	**mg/L**							<3	<3
Tellurium (Te)-Dissolved	**mg/L**							<0.00002	<0.00002
Thallium (Tl)-Dissolved	**mg/L**							0.0000022	0.0000029
Thorium (Th)-Dissolved	**mg/L**							0.0000108	0.0000101
Tin (Sn)-Dissolved	**mg/L**							<0.0002	<0.0002
Titanium (Ti)-Dissolved	**mg/L**							0.00075	0.00055
Uranium (U)-Dissolved	**mg/L**							0.000128	0.000199
Vanadium (V)-Dissolved	**mg/L**							0.00026	0.00022
Zinc (Zn)-Dissolved	**mg/L**	0.005019	0.010174					0.00488	0.00197
Zirconium (Zr)-Dissolved	**mg/L**							<0.0001	<0.0001
Inorganics									
Organic Carbon (C)-Dissolved	**mg/L**							3.5	2.7
Solids-Total Dissolved	**mg/L**							18	32
Solids-Total Suspended	**mg/L**	7.4	27.4					2.4	4.4

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

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

Woodfibre Site Receiving Environment Field Notes and Logs

FortisBC Eagle Mountain-Woodfibre Gas Pipeline

Water Discharge Authorization Water Quality Monitoring

2025-3-25

Project Component:	Tunnel	**Site Name:**	Receiving Environment - Downstream of Discharge
Inspection Date:	03/25/2025	**Location:**	WLNG
Hatfield QP:	Hayley Masson	**Latitude/Longitude:**	49.725394 -123.165083
Temperature(c): Low 3	High 12	**Permit:**	AE 111824
Weather Conditions:	Overcast	**Ground Conditions:**	Damp

Observations

Time: 10:16:00 **Flow Volume (visual):** high
Notes:

Odour Detected?: No **Notes:**
Unusual Colour? No **Notes:**
Unusual Observations? No **Notes:**
Sheen on Water? No **Notes:**

Samples Collected - Parameters

Total Metals + Mercury	Yes	**General Parameters (Alkalinity)**	Yes	**Other Sample:**	
Dissolved Metals + Mercury	Yes	**Total Sulfide, Unionized Sulfide**	Yes		
TSS	Yes	**Anions**	Yes		
TDS	Yes	**Total Trivalent Chromium**	Yes	**QA Samples:**	Yes
Nutrients	Yes	**VOC/VPH**	No		
DOC	Yes	**EPH, PAH, LEPH/HEPH**	No		
		Trout LC50	No		

Logger Maintenance

Logger Maintenance Performed? No **Photo of COC with Lab Signature?** No

Describe Logger Maintenance

Photo: 1
Location: WLNG DS
Description: At sampling point

Sign Off

Report Prepared By: Jennifer Choyce
Report Reviewer:

Report Reviewed: Yes
Professional(s) of Record:
Name:
Designation: Designation Number:

FortisBC Eagle Mountain-Woodfibre Gas Pipeline

Water Discharge Authorization Water Quality Monitoring

2025-3-25

Project Component:	Tunnel	**Site Name:**	Receiving Environment - Upstream of Discharge
Inspection Date:	03/25/2025	**Location:**	WLNG
Hatfield QP:	Hayley Masson	**Latitude/Longitude:**	49.726866 -123.163912
Temperature(c):	Low 3 High 12	**Permit:**	AE 111824
Weather Conditions:	Clear	**Ground Conditions:**	Damp

Observations

Time: 11:12:00 **Flow Volume (visual):** N/A
Notes:

Odour Detected?: No **Notes:**
Unusual Colour? No **Notes:**
Unusual Observations? No **Notes:**
Sheen on Water? No **Notes:**

Samples Collected - Parameters

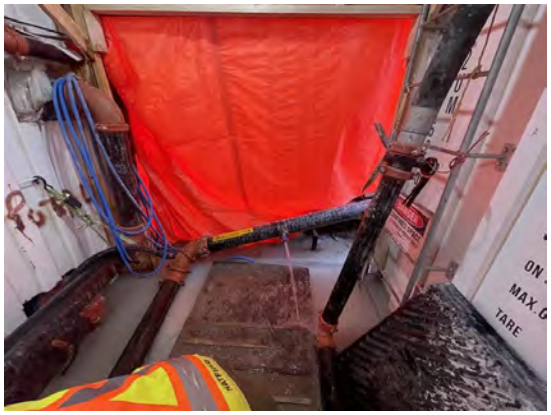
Total Metals + Mercury	Yes	**General Parameters (Alkalinity)**	Yes	**Other Sample:**	
Dissolved Metals + Mercury	Yes	**Total Sulfide, Unionized Sulfide**	Yes		
TSS	Yes	**Anions**	Yes		
TDS	Yes	**Total Trivalent Chromium**	Yes	**QA Samples:**	Yes
Nutrients	Yes	**VOC/VPH**	Yes		
DOC	Yes	**EPH, PAH, LEPH/HEPH**	Yes		
		Trout LC50	Yes		

Logger Maintenance

Logger Maintenance Performed? No **Photo of COC with Lab Signature?** No

Describe Logger Maintenance

Photo: 1
Location: WLNG EOP
Description: Tap location



Sign Off

Report Prepared By: Jennifer Choyce
Report Reviewer:

Report Reviewed: Yes
Professional(s) of Record:
Name:
Designation: Designation Number:

FortisBC Eagle Mountain-Woodfibre Gas Pipeline

Water Discharge Authorization Water Quality Monitoring

2025-3-25

Project Component:	Tunnel	**Site Name:**	Receiving Environment - Upstream of Discharge
Inspection Date:	03/25/2025	**Location:**	WLNG
Hatfield QP:	Hayley Masson	**Latitude/Longitude:**	49.726866 -123.163912
Temperature(c): Low 3	High 12	**Permit:**	AE 111824
Weather Conditions:	Overcast	**Ground Conditions:**	Damp

Observations

Time: 11:22:00 **Flow Volume (visual):** high
Notes:

Odour Detected?: No **Notes:**
Unusual Colour? No **Notes:**
Unusual Observations? No **Notes:**
Sheen on Water? No **Notes:**

Samples Collected - Parameters

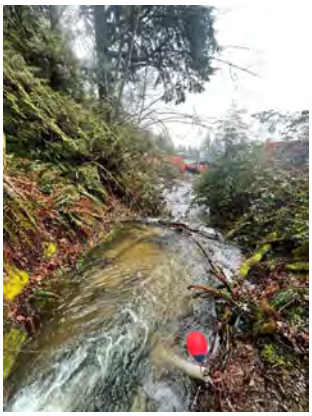
Total Metals + Mercury	Yes	**General Parameters (Alkalinity)**	Yes	**Other Sample:**	
Dissolved Metals + Mercury	Yes	**Total Sulfide, Unionized Sulfide**	Yes		
TSS	Yes	**Anions**	Yes		
TDS	Yes	**Total Trivalent Chromium**	Yes	**QA Samples:**	Yes
Nutrients	Yes	**VOC/VPH**	No		
DOC	Yes	**EPH, PAH, LEPH/HEPH**	No		
		Trout LC50	No		

Logger Maintenance

Logger Maintenance Performed? No **Photo of COC with Lab Signature?** No

Describe Logger Maintenance

Photo: 1
Location: WLNG US
Description: Sampling site looking downstream



Sign Off

Report Prepared By: Jennifer Choyce
Report Reviewer:

Report Reviewed: Yes
Professional(s) of Record:
Name:
Designation: Designation Number:

	East River					
Date/Time	Temperature (ºC)	Specific Conductivity (µS/cm)	ORP (mV)	pH	Dissolved Oxygen (mg/L)	Turbidity (NTU)
2025-03-24 00:00:00	5.9	28.1	364.5	6.7	11.5	16.6
2025-03-24 00:15:00	5.8	27.0	355.9	6.8	11.6	14.5
2025-03-24 00:30:00	5.9	27.2	365.8	6.6	11.6	61.1
2025-03-24 00:45:00	5.7	19.1	359.3	6.6	11.6	101.2
2025-03-24 01:00:00	5.7	19.1	361.8	6.6	11.6	18.3
2025-03-24 01:15:00	5.7	19.0	359.2	6.6	11.6	12.3
2025-03-24 01:30:00	5.9	28.8	358.3	6.8	11.6	15.2
2025-03-24 01:45:00	6.0	28.4	363.4	6.7	11.5	16.5
2025-03-24 02:00:00	6.0	27.6	362.2	6.8	11.6	15.7
2025-03-24 02:15:00	6.0	26.6	357.3	6.8	11.5	15.4
2025-03-24 02:30:00	6.0	26.2	360.8	6.8	11.5	20.7
2025-03-24 02:45:00	6.0	25.5	359.8	6.8	11.5	196.4
2025-03-24 03:00:00	5.9	22.1	358.0	6.7	11.5	286.3
2025-03-24 03:15:00	5.9	21.9	364.2	6.6	11.6	119.8
2025-03-24 03:30:00	6.0	25.2	357.9	6.8	11.5	328.9
2025-03-24 03:45:00	6.0	26.1	356.4	6.8	11.5	142.7
2025-03-24 04:00:00	6.0	26.1	357.8	6.8	11.5	113.9
2025-03-24 04:15:00	6.0	26.9	360.7	6.7	11.5	116.3
2025-03-24 04:30:00	6.0	27.5	357.8	6.8	11.5	118.8
2025-03-24 04:45:00	6.2	31.6	353.4	6.9	11.5	112.9
2025-03-24 05:00:00	6.1	28.9	355.1	6.8	11.5	221.4
2025-03-24 05:15:00	6.2	33.0	358.8	6.8	11.5	211.4
2025-03-24 05:30:00	6.2	33.3	352.2	6.9	11.5	134.4
2025-03-24 05:45:00	6.3	32.9	348.7	6.9	11.5	129.1
2025-03-24 06:00:00	6.2	32.1	349.9	6.9	11.5	129.4
2025-03-24 06:15:00	6.3	34.0	348.7	6.9	11.5	123.8
2025-03-24 06:30:00	5.9	17.3	351.6	6.6	11.6	123.7
2025-03-24 06:45:00	5.9	17.2	354.4	6.6	11.6	120.9
2025-03-24 07:00:00	6.0	19.5	349.2	6.7	11.5	120.7
2025-03-24 07:15:00	6.4	35.2	353.6	6.9	11.5	117.5
2025-03-24 07:30:00	6.4	35.7	350.6	6.9	11.5	116.7
2025-03-24 07:45:00	6.4	35.5	348.6	6.9	11.4	78.3
2025-03-24 08:00:00	6.0	19.9	346.8	6.7	11.6	90.1
2025-03-24 08:15:00	6.4	34.7	347.5	6.9	11.4	86.9
2025-03-24 08:30:00	6.5	34.3	347.5	6.9	11.4	83.6
2025-03-24 08:45:00	6.5	32.1	348.3	6.9	11.4	65.7
2025-03-24 09:00:00	6.0	16.6	339.9	6.7	11.6	63.0
2025-03-24 09:15:00	6.0	16.3	344.1	6.6	11.6	59.8
2025-03-24 09:30:00	6.6	34.3	347.6	7.0	11.4	57.8
2025-03-24 09:45:00	6.6	33.9	344.6	7.0	11.4	53.5
2025-03-24 10:00:00	6.6	33.3	343.0	7.0	11.4	54.0
2025-03-24 10:15:00	6.6	33.0	340.4	7.0	11.4	51.5

	East River					
Date/Time	Temperature (ºC)	Specific Conductivity (µS/cm)	ORP (mV)	pH	Dissolved Oxygen (mg/L)	Turbidity (NTU)
2025-03-24 10:30:00	6.0	15.8	335.2	6.7	11.6	50.2
2025-03-24 10:45:00	6.0	15.9	339.1	6.6	11.6	50.3
2025-03-24 11:00:00	6.7	35.3	344.6	7.0	11.4	50.0
2025-03-24 11:15:00	6.7	35.2	341.3	7.0	11.4	51.0
2025-03-24 11:30:00	6.1	17.1	335.0	6.7	11.5	49.9
2025-03-24 11:45:00	6.1	16.2	338.6	6.7	11.6	49.2
2025-03-24 12:00:00	6.7	34.9	344.6	7.0	11.4	51.0
2025-03-24 12:15:00	6.7	34.8	340.5	7.0	11.4	50.1
2025-03-24 12:30:00	6.7	34.3	340.0	7.0	11.4	56.4
2025-03-24 12:45:00	6.5	31.4	337.6	7.0	11.4	51.9
2025-03-24 13:00:00	6.7	36.3	338.9	7.0	11.4	54.7
2025-03-24 13:15:00	6.1	16.8	332.0	6.7	11.5	53.1
2025-03-24 13:30:00	6.4	30.2	343.2	6.8	11.6	55.3
2025-03-24 13:45:00	6.6	32.4	342.0	7.0	11.4	50.0
2025-03-24 14:00:00	6.7	37.4	341.1	7.1	11.4	53.6
2025-03-24 14:15:00	6.7	38.3	344.0	7.0	11.4	50.5
2025-03-24 14:30:00	6.8	38.5	341.6	7.1	11.4	52.9
2025-03-24 14:45:00	6.7	38.2	340.1	7.1	11.4	50.9
2025-03-24 15:00:00	6.2	18.7	331.2	6.9	11.5	55.2
2025-03-24 15:15:00	6.1	15.9	337.2	6.7	11.6	50.6
2025-03-24 15:30:00	6.0	15.7	341.4	6.7	11.6	53.3
2025-03-24 15:45:00	6.7	35.7	348.3	7.0	11.4	46.6
2025-03-24 16:00:00	6.8	38.6	346.3	7.1	11.4	54.9
2025-03-24 16:15:00	6.8	39.0	344.1	7.1	11.4	48.9
2025-03-24 16:30:00	6.8	39.2	342.5	7.1	11.4	57.6
2025-03-24 16:45:00	6.8	37.1	339.7	7.1	11.3	55.3
2025-03-24 17:00:00	6.3	21.2	333.3	6.8	11.5	61.0
2025-03-24 17:15:00	6.2	16.8	333.9	6.7	11.5	58.6
2025-03-24 17:30:00	6.8	39.9	341.0	7.1	11.4	59.0
2025-03-24 17:45:00	6.7	36.6	338.1	7.1	11.3	55.9
2025-03-24 18:00:00	6.8	39.2	338.3	7.1	11.4	53.4
2025-03-24 18:15:00	6.9	38.8	337.4	7.1	11.3	54.3
2025-03-24 18:30:00	6.8	34.8	336.0	7.1	11.3	54.0
2025-03-24 18:45:00	6.3	18.0	330.5	6.8	11.5	50.6
2025-03-24 19:00:00	7.0	39.9	340.3	7.1	11.3	50.7
2025-03-24 19:15:00	7.0	39.9	339.1	7.1	11.3	51.2
2025-03-24 19:30:00	6.9	36.8	337.8	7.1	11.3	50.4
2025-03-24 19:45:00	7.0	40.6	338.1	7.1	11.3	50.3
2025-03-24 20:00:00	6.6	22.1	330.1	6.9	11.4	49.8
2025-03-24 20:15:00	7.1	41.6	340.7	7.1	11.3	50.0
2025-03-24 20:30:00	7.2	41.9	338.0	7.1	11.2	49.6
2025-03-24 20:45:00	6.8	22.8	330.5	7.0	11.3	49.2

	East River					
Date/Time	Temperature (ºC)	Specific Conductivity (µS/cm)	ORP (mV)	pH	Dissolved Oxygen (mg/L)	Turbidity (NTU)
2025-03-24 21:00:00	7.2	40.1	338.6	7.1	11.2	50.2
2025-03-24 21:15:00	7.2	34.1	336.9	7.1	11.2	49.9
2025-03-24 21:30:00	7.0	23.9	332.7	7.0	11.3	50.6
2025-03-24 21:45:00	7.5	41.6	339.3	7.1	11.2	48.7
2025-03-24 22:00:00	7.5	41.3	337.8	7.1	11.2	50.1
2025-03-24 22:15:00	7.1	21.9	328.4	6.9	11.3	50.0
2025-03-24 22:30:00	7.5	40.4	338.3	7.1	11.1	50.2
2025-03-24 22:45:00	6.9	17.4	328.1	6.8	11.3	50.5
2025-03-24 23:00:00	7.5	41.5	341.1	7.1	11.1	50.7
2025-03-24 23:15:00	7.5	40.8	339.5	7.1	11.1	49.9
2025-03-24 23:30:00	7.5	39.7	338.4	7.1	11.1	50.1
2025-03-24 23:45:00	6.9	17.1	328.8	6.8	11.3	50.0
2025-03-25 00:00:00	7.4	37.8	342.9	7.0	11.2	51.7
2025-03-25 00:15:00	7.5	39.2	340.4	7.1	11.1	50.3
2025-03-25 00:30:00	7.5	39.7	339.3	7.1	11.1	51.3
2025-03-25 00:45:00	6.9	17.4	329.9	6.8	11.3	49.4
2025-03-25 01:00:00	7.5	41.8	342.4	7.1	11.2	50.5
2025-03-25 01:15:00	7.5	41.8	340.2	7.1	11.1	49.0
2025-03-25 01:30:00	7.5	41.5	339.3	7.1	11.1	50.4
2025-03-25 01:45:00	7.5	41.6	339.1	7.1	11.1	50.1
2025-03-25 02:00:00	7.3	33.9	336.9	7.0	11.2	51.6
2025-03-25 02:15:00	7.5	42.1	339.5	7.1	11.1	50.7
2025-03-25 02:30:00	7.5	42.2	338.1	7.1	11.1	51.7
2025-03-25 02:45:00	6.8	18.7	329.0	6.8	11.3	51.1
2025-03-25 03:00:00	7.4	43.3	342.0	7.1	11.2	53.0
2025-03-25 03:15:00	7.5	43.1	340.0	7.1	11.1	51.0
2025-03-25 03:30:00	7.5	42.3	338.3	7.1	11.2	52.6
2025-03-25 03:45:00	7.5	42.1	337.6	7.1	11.1	50.8
2025-03-25 04:00:00	7.5	41.9	337.9	7.1	11.2	52.3
2025-03-25 04:15:00	7.5	42.6	337.8	7.1	11.2	50.3
2025-03-25 04:30:00	7.5	42.5	337.5	7.1	11.2	51.3
2025-03-25 04:45:00	7.5	42.3	337.3	7.1	11.2	50.5
2025-03-25 05:00:00	7.5	42.9	337.5	7.1	11.2	51.0
2025-03-25 05:15:00	7.5	42.9	336.4	7.1	11.2	50.4
2025-03-25 05:30:00	7.5	42.7	337.1	7.1	11.2	51.0
2025-03-25 05:45:00	7.5	42.6	335.9	7.1	11.2	49.6
2025-03-25 06:00:00	7.5	43.0	336.5	7.1	11.2	51.0
2025-03-25 06:15:00	7.5	43.2	336.1	7.1	11.2	49.9
2025-03-25 06:30:00	7.5	43.1	335.9	7.1	11.1	50.7
2025-03-25 06:45:00	7.5	42.5	335.6	7.1	11.1	49.6
2025-03-25 07:00:00	6.9	21.7	326.7	6.8	11.4	52.4
2025-03-25 07:15:00	7.5	44.0	337.3	7.1	11.1	49.6

	East River					
Date/Time	Temperature (ºC)	Specific Conductivity (µS/cm)	ORP (mV)	pH	Dissolved Oxygen (mg/L)	Turbidity (NTU)
2025-03-25 07:30:00	7.2	34.5	332.2	7.1	11.2	52.1
2025-03-25 07:45:00	7.0	26.4	330.3	6.9	11.3	50.8
2025-03-25 08:00:00	7.2	33.6	333.2	7.0	11.3	51.4
2025-03-25 08:15:00	7.6	51.0	338.6	7.2	11.1	49.8
2025-03-25 08:30:00	7.6	50.2	336.8	7.2	11.1	51.1
2025-03-25 08:45:00	7.5	48.6	336.3	7.2	11.2	49.8
2025-03-25 09:00:00	6.8	21.9	326.3	6.9	11.3	52.7
2025-03-25 09:15:00	6.7	20.7	329.7	6.9	11.4	50.5
2025-03-25 09:30:00	7.5	48.1	341.1	7.1	11.2	52.9
2025-03-25 09:45:00	7.5	48.3	339.0	7.2	11.1	57.1
2025-03-25 10:00:00	7.0	26.1	329.7	7.0	11.3	58.6
2025-03-25 10:15:00	7.5	47.2	338.3	7.2	11.1	56.8
2025-03-25 10:30:00	7.5	46.2	338.0	7.1	11.2	58.1
2025-03-25 10:45:00	6.9	25.8	330.1	7.0	11.3	56.3
2025-03-25 11:00:00	6.7	21.2	333.7	6.9	11.4	58.5
2025-03-25 11:15:00	6.7	21.6	336.5	6.9	11.4	57.0
2025-03-25 11:30:00	6.7	22.2	339.6	6.9	11.4	58.4
2025-03-25 11:45:00	6.7	23.8	341.5	6.9	11.4	56.8
2025-03-25 12:00:00	7.4	46.6	344.5	7.1	11.2	58.0
2025-03-25 12:15:00	7.4	46.4	341.8	7.1	11.2	56.4
2025-03-25 12:30:00	7.4	45.2	339.3	7.1	11.2	57.7
2025-03-25 12:45:00	6.7	22.5	330.7	6.9	11.4	55.8
2025-03-25 13:00:00	6.8	27.4	337.4	6.9	11.4	58.8
2025-03-25 13:15:00	7.3	43.5	341.6	7.1	11.2	55.5
2025-03-25 13:30:00	7.3	42.5	339.6	7.1	11.2	58.1
2025-03-25 13:45:00	7.2	37.8	336.6	7.1	11.2	55.9
2025-03-25 14:00:00	6.6	19.3	332.1	6.8	11.4	57.6
2025-03-25 14:15:00	6.6	18.9	335.3	6.8	11.4	55.4
2025-03-25 14:30:00	6.6	18.5	338.6	6.8	11.4	57.0
2025-03-25 14:45:00	6.6	18.1	341.4	6.8	11.4	55.9
2025-03-25 15:00:00	7.2	42.0	350.3	7.0	11.2	57.4
2025-03-25 15:15:00	7.4	52.2	67.3	7.0	11.1	17.4
2025-03-25 15:30:00	7.3	49.7	66.4	7.1	11.2	23.4
2025-03-25 15:45:00	7.3	49.8	66.5	7.1	11.2	17.0
2025-03-25 16:00:00	7.2	43.7	71.3	7.0	11.2	49.0
2025-03-25 16:15:00	7.3	46.5	68.1	7.1	11.2	10.9
2025-03-25 16:30:00	6.7	20.3	79.1	6.8	11.4	3.3
2025-03-25 16:45:00	7.2	45.9	75.1	7.1	11.2	24.7
2025-03-25 17:00:00	7.3	45.4	72.1	7.1	11.2	9.3
2025-03-25 17:15:00	7.3	46.8	70.4	7.1	11.2	6.1
2025-03-25 17:30:00	7.3	45.8	69.4	7.1	11.2	8.5
2025-03-25 17:45:00	7.3	47.3	69.4	7.1	11.2	12.2

	East River					
Date/Time	Temperature (ºC)	Specific Conductivity (µS/cm)	ORP (mV)	pH	Dissolved Oxygen (mg/L)	Turbidity (NTU)
2025-03-25 18:00:00	7.3	47.3	69.1	7.1	11.2	22.1
2025-03-25 18:15:00	7.3	47.7	68.6	7.1	11.2	9.1
2025-03-25 18:30:00	7.3	46.4	68.9	7.1	11.2	14.7
2025-03-25 18:45:00	7.3	46.3	68.7	7.1	11.2	17.6
2025-03-25 19:00:00	7.3	44.6	68.7	7.1	11.2	13.8
2025-03-25 19:15:00	6.9	21.6	85.1	6.8	11.3	2.2
2025-03-25 19:30:00	7.4	42.9	74.5	7.1	11.2	9.9
2025-03-25 19:45:00	7.5	45.5	70.2	7.1	11.2	11.8
2025-03-25 20:00:00	7.5	44.0	69.4	7.1	11.1	9.0
2025-03-25 20:15:00	7.5	44.4	69.4	7.1	11.2	8.6
2025-03-25 20:30:00	7.5	43.0	69.6	7.0	11.1	10.2
2025-03-25 20:45:00	7.5	43.7	68.7	7.1	11.1	6.7
2025-03-25 21:00:00	7.5	42.6	68.6	7.0	11.1	10.1
2025-03-25 21:15:00	7.6	44.7	70.5	7.0	11.1	11.6
2025-03-25 21:30:00	7.2	23.0	70.3	6.9	11.2	5.5
2025-03-25 21:45:00	7.1	18.6	85.5	6.7	11.2	2.3
2025-03-25 22:00:00	7.6	39.9	72.9	7.0	11.1	14.3
2025-03-25 22:15:00	7.7	42.1	70.1	7.0	11.1	24.3
2025-03-25 22:30:00	7.8	41.4	68.8	7.0	11.1	15.0
2025-03-25 22:45:00	7.8	42.1	68.4	7.0	11.0	9.0
2025-03-25 23:00:00	7.8	41.3	74.9	7.0	11.1	15.0
2025-03-25 23:15:00	7.9	42.2	68.3	7.0	11.0	13.7
2025-03-25 23:30:00	7.9	42.1	68.2	7.0	11.0	6.8
2025-03-25 23:45:00	7.9	43.2	67.5	7.0	11.0	9.4
2025-03-26 00:00:00	7.9	41.2	70.8	7.0	11.0	13.2
2025-03-26 00:15:00	7.9	42.1	67.3	7.0	11.0	24.3
2025-03-26 00:30:00	7.9	42.0	66.4	7.0	11.0	10.8
2025-03-26 00:45:00	7.4	17.6	80.1	6.7	11.1	1.2
2025-03-26 01:00:00	7.9	43.0	70.5	7.0	11.0	6.4
2025-03-26 01:15:00	7.9	44.6	68.9	7.0	11.0	3.3
2025-03-26 01:30:00	7.8	44.7	68.9	7.0	11.0	11.7
2025-03-26 01:45:00	7.6	29.0	69.8	6.9	11.1	5.8
2025-03-26 02:00:00	7.9	47.8	72.0	6.9	11.0	2.0
2025-03-26 02:15:00	7.8	48.3	68.9	7.0	11.0	9.6
2025-03-26 02:30:00	7.8	47.3	68.0	7.0	11.0	8.0
2025-03-26 02:45:00	7.8	47.8	67.3	7.0	11.0	3.2
2025-03-26 03:00:00	7.8	47.0	67.0	7.0	11.0	4.4
2025-03-26 03:15:00	7.8	47.0	66.8	7.0	11.0	7.5
2025-03-26 03:30:00	7.7	46.4	67.1	7.0	11.0	5.5
2025-03-26 03:45:00	7.3	23.7	69.7	6.8	11.2	9.4
2025-03-26 04:00:00	7.3	25.0	68.1	6.9	11.1	1.5
2025-03-26 04:15:00	7.2	23.4	77.4	6.8	11.2	3.3

	East River					
Date/Time	Temperature (ºC)	Specific Conductivity (µS/cm)	ORP (mV)	pH	Dissolved Oxygen (mg/L)	Turbidity (NTU)
2025-03-26 04:30:00	7.8	50.9	68.3	7.1	11.0	8.2
2025-03-26 04:45:00	7.6	44.9	65.8	7.0	11.1	22.3
2025-03-26 05:00:00	7.8	51.2	63.4	7.1	11.0	22.8
2025-03-26 05:15:00	7.7	51.3	62.4	7.1	11.0	4.6
2025-03-26 05:30:00	7.7	50.0	62.1	7.1	11.0	7.1
2025-03-26 05:45:00	7.5	43.0	63.4	7.0	11.1	6.6
2025-03-26 06:00:00	7.7	51.0	60.5	7.1	11.0	11.7
2025-03-26 06:15:00	7.7	51.0	60.4	7.1	11.0	8.7
2025-03-26 06:30:00	7.7	49.8	60.1	7.1	11.0	6.8
2025-03-26 06:45:00	7.2	25.3	60.6	6.9	11.2	1.6
2025-03-26 07:00:00	7.0	17.5	77.5	6.7	11.2	1.1
2025-03-26 07:15:00	7.6	52.0	72.2	7.1	11.0	7.9
2025-03-26 07:30:00	7.7	51.1	62.9	7.1	11.0	10.0
2025-03-26 07:45:00	7.0	19.6	64.2	6.8	11.2	0.6
2025-03-26 08:00:00	6.9	17.4	79.0	6.7	11.3	1.2
2025-03-26 08:15:00	7.6	52.0	69.0	7.1	11.0	9.5
2025-03-26 08:30:00	7.6	51.6	63.9	7.1	11.0	9.1
2025-03-26 08:45:00	7.2	31.3	62.3	7.0	11.1	12.7
2025-03-26 09:00:00	7.7	54.4	62.4	7.1	11.0	18.2
2025-03-26 09:15:00	7.7	54.7	60.6	7.1	11.0	18.6
2025-03-26 09:30:00	7.7	53.6	60.6	7.1	11.0	13.1
2025-03-26 09:45:00	7.5	47.2	60.7	7.0	11.1	6.7
2025-03-26 10:00:00	7.6	55.5	58.8	7.1	11.0	20.4
2025-03-26 10:15:00	7.0	23.1	68.1	6.8	11.2	1.2
2025-03-26 10:30:00	7.4	38.8	58.0	7.1	11.1	6.6
2025-03-26 10:45:00	7.8	56.5	59.3	7.2	11.0	13.1
2025-03-26 11:00:00	7.8	56.4	56.7	7.2	11.0	10.9
2025-03-26 11:15:00	6.9	18.0	67.2	6.8	11.2	1.3
2025-03-26 11:30:00	7.6	48.5	66.2	7.1	11.0	7.9
2025-03-26 11:45:00	7.8	58.1	58.0	7.2	11.0	7.2
2025-03-26 12:00:00	7.7	56.5	55.8	7.2	11.0	12.6
2025-03-26 12:15:00	7.7	56.5	55.5	7.1	11.0	9.2
2025-03-26 12:30:00	7.5	48.3	55.6	7.1	11.0	7.9
2025-03-26 12:45:00	7.7	58.4	57.0	7.1	11.0	13.3
2025-03-26 13:00:00	7.6	56.8	56.4	7.1	11.0	12.3
2025-03-26 13:15:00	7.6	56.5	55.7	7.1	11.0	9.3
2025-03-26 13:30:00	7.3	37.4	52.4	7.1	11.1	8.1
2025-03-26 13:45:00	7.6	55.0	56.6	7.1	11.0	16.3
2025-03-26 14:00:00	7.6	54.7	55.5	7.1	11.0	18.0
2025-03-26 14:15:00	7.6	55.9	55.4	7.1	11.0	14.8
2025-03-26 14:30:00	6.9	21.2	65.5	6.8	11.2	1.5
2025-03-26 14:45:00	7.6	56.1	64.2	7.1	11.0	13.1

	East River					
Date/Time	Temperature (ºC)	Specific Conductivity (µS/cm)	ORP (mV)	pH	Dissolved Oxygen (mg/L)	Turbidity (NTU)
2025-03-26 15:00:00	7.6	55.1	59.2	7.1	11.0	8.4
2025-03-26 15:15:00	6.9	18.0	66.7	6.8	11.2	0.6
2025-03-26 15:30:00	7.6	53.8	61.9	7.1	11.0	3.7
2025-03-26 15:45:00	7.6	54.3	59.7	7.1	11.0	11.6
2025-03-26 16:00:00	7.7	53.6	59.2	7.1	11.0	27.9
2025-03-26 16:15:00	7.3	30.5	65.8	6.9	11.1	75.1
2025-03-26 16:30:00	7.8	50.4	60.3	7.1	10.9	57.1
2025-03-26 16:45:00	7.8	50.4	59.3	7.1	10.9	44.5
2025-03-26 17:00:00	7.9	49.4	58.8	7.1	10.9	46.5
2025-03-26 17:15:00	8.0	46.9	60.9	7.1	10.9	44.3
2025-03-26 17:30:00	8.2	49.0	58.3	7.1	10.8	5.1
2025-03-26 17:45:00	8.2	49.2	58.1	7.1	10.8	3.8
2025-03-26 18:00:00	8.2	49.6	60.9	7.1	10.8	6.6
2025-03-26 18:15:00	8.3	50.0	58.3	7.1	10.8	3.4
2025-03-26 18:30:00	8.3	49.4	58.2	7.1	10.8	4.5
2025-03-26 18:45:00	8.4	53.8	58.1	7.1	10.8	3.4
2025-03-26 19:00:00	8.4	53.0	56.8	7.1	10.8	6.1
2025-03-26 19:15:00	8.4	53.6	55.6	7.2	10.8	3.7
2025-03-26 19:30:00	8.4	53.0	55.7	7.2	10.8	8.4
2025-03-26 19:45:00	8.4	53.8	55.6	7.2	10.8	3.6
2025-03-26 20:00:00	8.4	53.2	55.3	7.2	10.7	7.6
2025-03-26 20:15:00	8.1	33.2	61.1	7.0	10.8	2.6
2025-03-26 20:30:00	8.5	53.7	57.9	7.2	10.7	8.4
2025-03-26 20:45:00	7.8	18.2	60.5	6.8	10.9	0.8
2025-03-26 21:00:00	8.5	53.4	57.5	7.2	10.7	8.1
2025-03-26 21:15:00	8.5	54.1	56.5	7.2	10.7	3.7
2025-03-26 21:30:00	8.5	52.9	56.1	7.2	10.7	2.8
2025-03-26 21:45:00	8.5	53.3	55.9	7.2	10.7	5.9
2025-03-26 22:00:00	8.5	52.7	55.8	7.2	10.7	7.1
2025-03-26 22:15:00	8.5	53.1	55.7	7.2	10.7	4.0
2025-03-26 22:30:00	8.2	33.2	57.1	7.0	10.8	2.1
2025-03-26 22:45:00	7.8	17.6	68.5	6.8	10.9	0.9
2025-03-26 23:00:00	8.5	54.3	59.6	7.2	10.7	11.5
2025-03-26 23:15:00	8.5	54.2	56.9	7.2	10.7	4.5
2025-03-26 23:30:00	8.7	57.2	56.3	7.2	10.7	7.1
2025-03-26 23:45:00	8.8	58.9	53.4	7.2	10.6	7.8
2025-03-27 00:00:00	8.9	57.8	52.4	7.2	10.6	6.4
2025-03-27 00:15:00	8.9	58.3	51.8	7.2	10.6	9.2
2025-03-27 00:30:00	8.7	49.8	53.1	7.2	10.6	9.0
2025-03-27 00:45:00	8.9	57.1	51.3	7.2	10.6	6.8
2025-03-27 01:00:00	8.9	56.1	50.9	7.2	10.6	7.8
2025-03-27 01:15:00	8.8	57.0	51.0	7.2	10.6	7.4

	East River					
Date/Time	Temperature (ºC)	Specific Conductivity (µS/cm)	ORP (mV)	pH	Dissolved Oxygen (mg/L)	Turbidity (NTU)
2025-03-27 01:30:00	8.8	56.3	51.2	7.2	10.6	7.3
2025-03-27 01:45:00	8.1	20.2	61.2	6.9	10.8	2.7
2025-03-27 02:00:00	8.7	56.3	63.2	7.2	10.6	6.8
2025-03-27 02:15:00	8.7	56.8	54.1	7.2	10.6	7.6
2025-03-27 02:30:00	8.7	55.4	52.8	7.2	10.6	13.6
2025-03-27 02:45:00	8.6	54.7	53.1	7.2	10.6	8.5
2025-03-27 03:00:00	8.6	53.3	53.3	7.2	10.7	5.5
2025-03-27 03:15:00	8.6	53.1	53.5	7.2	10.6	4.9
2025-03-27 03:30:00	8.0	19.9	58.1	6.9	10.8	1.0
2025-03-27 03:45:00	8.6	55.2	57.0	7.2	10.7	27.1
2025-03-27 04:00:00	8.6	53.6	54.4	7.2	10.7	16.9
2025-03-27 04:15:00	8.5	53.2	54.1	7.2	10.7	17.9
2025-03-27 04:30:00	8.1	30.6	59.3	7.0	10.8	2.8
2025-03-27 04:45:00	8.5	53.9	55.1	7.2	10.7	6.2
2025-03-27 05:00:00	8.5	52.7	53.7	7.2	10.7	10.6
2025-03-27 05:15:00	8.5	53.9	56.0	7.2	10.7	16.5
2025-03-27 05:30:00	8.5	52.8	53.5	7.2	10.7	7.2
2025-03-27 05:45:00	8.5	53.1	53.0	7.2	10.7	5.5
2025-03-27 06:00:00	7.8	18.3	66.4	6.8	10.9	2.0
2025-03-27 06:15:00	7.8	20.7	73.2	6.8	10.9	7.8
2025-03-27 06:30:00	8.5	52.0	59.0	7.2	10.7	30.0
2025-03-27 06:45:00	8.0	28.7	64.4	7.0	10.8	72.1
2025-03-27 07:00:00	8.0	31.6	68.0	7.0	10.8	44.8
2025-03-27 07:15:00	8.0	34.0	68.7	7.0	10.8	32.8
2025-03-27 07:30:00	8.5	60.2	58.2	7.2	10.7	38.4
2025-03-27 07:45:00	8.5	60.2	55.7	7.2	10.7	29.7
2025-03-27 08:00:00	8.4	57.4	55.0	7.2	10.7	23.0
2025-03-27 08:15:00	8.4	58.2	55.0	7.2	10.7	20.2
2025-03-27 08:30:00	7.9	32.8	64.5	7.0	10.9	9.7
2025-03-27 08:45:00	7.8	30.4	71.2	6.9	10.9	7.9
2025-03-27 09:00:00	8.3	52.3	60.5	7.2	10.8	15.1
2025-03-27 09:15:00	8.3	53.2	58.6	7.1	10.8	14.0
2025-03-27 09:30:00	8.2	50.8	58.2	7.1	10.8	15.2
2025-03-27 09:45:00	8.2	49.0	58.1	7.1	10.8	10.6
2025-03-27 10:00:00	7.7	24.7	67.9	6.9	10.9	3.3
2025-03-27 10:15:00	7.7	27.8	72.6	6.9	10.9	5.0
2025-03-27 10:30:00	7.6	22.9	77.9	6.8	11.0	3.7
2025-03-27 10:45:00	7.6	22.6	77.0	6.8	11.0	3.6
2025-03-27 11:00:00	7.5	22.1	80.6	6.8	11.0	5.7
2025-03-27 11:15:00	8.0	44.1	66.4	7.0	10.9	11.3
2025-03-27 11:30:00	8.0	43.0	63.4	7.0	10.8	15.1
2025-03-27 11:45:00	8.0	41.9	63.8	7.0	10.9	13.4

	East River					
Date/Time	Temperature (ºC)	Specific Conductivity (µS/cm)	ORP (mV)	pH	Dissolved Oxygen (mg/L)	Turbidity (NTU)
2025-03-27 12:00:00	8.0	42.4	62.0	7.0	10.9	22.2
2025-03-27 12:15:00	7.9	42.3	60.4	7.0	10.9	11.4
2025-03-27 12:30:00	7.8	38.9	62.2	7.0	10.9	10.8
2025-03-27 12:45:00	7.4	23.6	75.2	6.8	11.0	5.9
2025-03-27 13:00:00	7.8	41.1	61.6	7.0	10.9	11.0
2025-03-27 13:15:00	7.6	33.6	55.4	7.0	10.9	11.4
2025-03-27 13:30:00	7.4	22.3	72.8	6.7	11.0	4.2
2025-03-27 13:45:00	7.7	38.3	63.6	7.0	10.9	5.8
2025-03-27 14:00:00	7.7	36.9	62.7	6.9	11.0	17.0
2025-03-27 14:15:00	7.7	36.4	60.9	6.9	11.0	21.7
2025-03-27 14:30:00	7.3	19.0	73.3	6.7	11.1	3.6
2025-03-27 14:45:00	7.7	38.9	63.2	7.0	11.0	9.7
2025-03-27 15:00:00	7.7	37.7	54.3	7.0	10.9	6.6
2025-03-27 15:15:00	7.7	37.2	50.6	6.9	11.0	8.7
2025-03-27 15:30:00	7.6	36.5	48.3	7.0	10.9	10.9
2025-03-27 15:45:00	7.5	32.2	43.6	7.0	11.0	14.2
2025-03-27 16:00:00	7.6	33.0	50.1	6.9	11.0	12.8
2025-03-27 16:15:00	7.6	34.1	48.7	7.0	11.0	19.0
2025-03-27 16:30:00	7.5	32.9	50.8	6.9	11.0	13.3
2025-03-27 16:45:00	7.5	32.4	52.8	6.9	11.0	9.6
2025-03-27 17:00:00	7.4	24.7	54.2	6.8	11.0	7.8
2025-03-27 17:15:00	7.6	30.2	57.0	6.9	11.0	7.9
2025-03-27 17:30:00	7.7	31.1	55.3	6.9	11.0	10.7
2025-03-27 17:45:00	7.7	30.6	54.9	6.9	10.9	6.1
2025-03-27 18:00:00	7.7	30.1	55.7	6.9	11.0	6.2
2025-03-27 18:15:00	7.7	29.9	55.6	6.9	10.9	7.9
2025-03-27 18:30:00	7.7	29.6	56.7	6.9	10.9	7.5
2025-03-27 18:45:00	7.8	29.6	56.8	6.9	10.9	3.3
2025-03-27 19:00:00	7.8	29.6	57.8	6.9	10.9	4.9
2025-03-27 19:15:00	7.9	29.7	57.8	6.9	10.9	12.4
2025-03-27 19:30:00	8.0	29.5	55.7	6.9	10.9	4.8
2025-03-27 19:45:00	7.9	25.0	58.5	6.8	10.9	15.0
2025-03-27 20:00:00	8.2	31.4	56.8	6.9	10.8	6.5
2025-03-27 20:15:00	8.2	30.7	58.3	6.9	10.8	8.1
2025-03-27 20:30:00	8.1	27.5	60.6	6.9	10.8	5.5
2025-03-27 20:45:00	8.1	27.5	62.2	6.8	10.8	6.1
2025-03-27 21:00:00	8.0	25.6	64.5	6.8	10.8	7.4
2025-03-27 21:15:00	8.0	29.9	63.5	6.8	10.8	3.5
2025-03-27 21:30:00	8.0	30.3	63.5	6.8	10.8	7.4
2025-03-27 21:45:00	7.9	30.7	62.8	6.8	10.9	6.3
2025-03-27 22:00:00	7.8	27.5	63.5	6.8	10.9	4.3
2025-03-27 22:15:00	7.9	32.1	64.0	6.8	10.9	6.2

	East River					
Date/Time	Temperature (ºC)	Specific Conductivity (µS/cm)	ORP (mV)	pH	Dissolved Oxygen (mg/L)	Turbidity (NTU)
2025-03-27 22:30:00	7.8	23.3	64.8	6.7	10.9	4.9
2025-03-27 22:45:00	8.0	34.5	65.1	6.8	10.8	6.7
2025-03-27 23:00:00	8.0	33.1	65.9	6.8	10.8	6.8
2025-03-27 23:15:00	8.0	32.5	65.4	6.8	10.8	6.7
2025-03-27 23:30:00	8.0	31.9	66.3	6.8	10.8	4.3
2025-03-27 23:45:00	8.0	31.5	66.7	6.8	10.8	5.1
2025-03-28 00:00:00	8.1	36.8	65.3	6.8	10.8	9.6
2025-03-28 00:15:00	8.1	36.6	64.3	6.8	10.8	7.2
2025-03-28 00:30:00	8.0	36.3	61.2	6.8	10.8	5.5
2025-03-28 00:45:00	8.0	36.3	59.1	6.8	10.8	5.1
2025-03-28 01:00:00	7.9	33.2	58.7	6.8	10.8	3.9
2025-03-28 01:15:00	8.0	39.6	57.0	6.9	10.8	12.2
2025-03-28 01:30:00	8.0	38.9	55.7	6.9	10.8	6.7
2025-03-28 01:45:00	8.0	41.4	55.2	6.9	10.8	8.3
2025-03-28 02:00:00	8.0	40.2	54.7	6.9	10.8	10.9
2025-03-28 02:15:00	7.7	26.9	56.6	6.8	10.9	3.5
2025-03-28 02:30:00	7.9	35.3	61.2	6.8	10.8	5.9
2025-03-28 02:45:00	7.9	35.3	57.2	6.9	10.9	4.5
2025-03-28 03:00:00	7.8	35.4	56.1	6.9	10.9	4.6
2025-03-28 03:15:00	7.8	35.4	55.5	6.9	10.9	5.7
2025-03-28 03:30:00	7.8	35.5	55.1	6.9	10.9	2.9
2025-03-28 03:45:00	8.0	45.2	50.1	7.0	10.8	6.4
2025-03-28 04:00:00	8.0	45.1	48.6	7.0	10.8	8.2
2025-03-28 04:15:00	8.0	44.5	47.0	7.0	10.8	8.5
2025-03-28 04:30:00	7.9	42.9	44.2	7.0	10.8	16.9
2025-03-28 04:45:00	7.9	41.8	42.1	7.0	10.8	11.0
2025-03-28 05:00:00	7.4	19.2	54.4	6.7	11.0	1.9
2025-03-28 05:15:00	7.6	26.6	51.1	6.9	10.9	5.2
2025-03-28 05:30:00	7.9	42.2	44.8	7.0	10.8	7.0
2025-03-28 05:45:00	7.8	41.8	43.8	7.1	10.9	9.2
2025-03-28 06:00:00	7.5	23.0	48.1	6.9	11.0	1.9
2025-03-28 06:15:00	7.6	34.0	53.9	7.0	10.9	7.1
2025-03-28 06:30:00	7.4	19.6	54.6	6.8	11.0	1.5
2025-03-28 06:45:00	7.3	20.2	62.8	6.7	11.0	1.4
2025-03-28 07:00:00	7.8	52.5	48.9	7.0	10.9	9.2
2025-03-28 07:15:00	7.7	46.6	42.2	7.0	10.9	3.8
2025-03-28 07:30:00	7.8	52.4	41.5	7.0	10.9	6.3
2025-03-28 07:45:00	7.5	32.2	38.9	7.0	11.0	4.6
2025-03-28 08:00:00	7.7	58.3	20.7	7.9	10.9	5.6
2025-03-28 08:15:00	7.3	22.4	44.0	6.8	11.0	4.0
2025-03-28 08:30:00	7.7	54.7	37.9	7.4	10.9	13.1
2025-03-28 08:45:00	7.6	46.0	28.2	7.2	10.9	12.1

	East River					
Date/Time	Temperature (ºC)	Specific Conductivity (µS/cm)	ORP (mV)	pH	Dissolved Oxygen (mg/L)	Turbidity (NTU)
2025-03-28 09:00:00	7.8	58.7	12.5	8.7	10.9	8.9
2025-03-28 09:15:00	7.8	69.4	-13.6	9.5	10.9	19.6
2025-03-28 09:30:00	7.3	31.5	18.0	7.3	11.0	5.8
2025-03-28 09:45:00	7.6	65.2	14.3	8.7	10.9	11.1
2025-03-28 10:00:00	7.7	87.5	-16.7	9.5	10.9	13.0
2025-03-28 10:15:00	7.7	92.7	-6.0	9.3	10.9	13.9
2025-03-28 10:30:00	7.7	80.2	1.4	8.2	10.9	12.0
2025-03-28 10:45:00	7.5	54.5	17.9	7.2	11.0	11.0
2025-03-28 11:00:00	7.3	30.4	26.0	7.1	11.0	6.1
2025-03-28 11:15:00	7.2	20.3	43.7	6.9	11.0	1.3
2025-03-28 11:30:00	7.3	38.5	40.8	7.0	11.0	5.3
2025-03-28 11:45:00	7.6	60.3	36.9	7.0	10.9	7.5
2025-03-28 12:00:00	7.6	58.9	35.3	7.0	10.9	7.4
2025-03-28 12:15:00	7.6	57.4	35.7	7.0	10.9	10.5
2025-03-28 12:30:00	7.5	51.5	37.1	7.1	11.0	10.7
2025-03-28 12:45:00	7.5	52.9	35.5	7.9	11.0	16.9
2025-03-28 13:00:00	7.2	28.0	35.6	7.1	11.0	3.3
2025-03-28 13:15:00	7.3	35.9	38.3	7.0	11.0	7.5
2025-03-28 13:30:00	7.6	54.5	37.4	7.0	10.9	13.0
2025-03-28 13:45:00	7.3	32.4	37.5	7.0	11.0	4.7
2025-03-28 14:00:00	7.2	29.7	43.8	6.9	11.0	6.8
2025-03-28 14:15:00	7.6	53.7	43.6	6.9	10.9	9.8
2025-03-28 14:30:00	7.5	51.7	43.8	6.8	11.0	13.1
2025-03-28 14:45:00	7.5	49.2	47.7	6.7	11.0	7.5
2025-03-28 15:00:00	7.4	42.6	52.5	6.7	11.0	13.0
2025-03-28 15:15:00	7.3	37.2	52.1	6.8	11.0	7.8
2025-03-28 15:30:00	7.3	31.6	62.3	6.8	11.1	10.5
2025-03-28 15:45:00	7.1	22.2	59.6	6.8	11.1	3.2
2025-03-28 16:00:00	7.5	45.3	51.5	7.0	11.0	10.9
2025-03-28 16:15:00	7.5	43.2	44.4	7.0	11.0	8.2
2025-03-28 16:30:00	7.5	41.1	43.1	7.0	11.0	8.5
2025-03-28 16:45:00	7.5	39.5	44.1	7.0	11.0	6.3
2025-03-28 17:00:00	7.5	37.9	45.9	7.0	11.0	8.2
2025-03-28 17:15:00	7.5	37.5	44.1	7.0	11.0	5.2
2025-03-28 17:30:00	7.5	36.9	42.4	7.0	11.0	6.5
2025-03-28 17:45:00	7.5	36.3	43.8	7.0	11.0	5.5
2025-03-28 18:00:00	7.2	18.8	47.5	6.8	11.1	5.8
2025-03-28 18:15:00	7.6	34.6	50.5	7.0	11.0	2.8
2025-03-28 18:30:00	7.5	27.7	48.6	6.9	11.0	4.4
2025-03-28 18:45:00	7.7	36.5	53.2	7.0	11.0	7.3
2025-03-28 19:00:00	7.8	39.2	23.4	7.0	10.9	9.8
2025-03-28 19:15:00	7.8	41.5	32.3	6.9	10.9	8.9

	East River					
Date/Time	Temperature (ºC)	Specific Conductivity (µS/cm)	ORP (mV)	pH	Dissolved Oxygen (mg/L)	Turbidity (NTU)
2025-03-28 19:30:00	7.8	39.8	33.4	6.9	10.9	7.5
2025-03-28 19:45:00	7.8	38.8	37.5	7.0	11.0	15.4
2025-03-28 20:00:00	7.6	28.8	46.6	6.7	11.0	2.1
2025-03-28 20:15:00	7.7	38.0	38.8	7.0	11.0	3.7
2025-03-28 20:30:00	7.7	38.5	44.4	6.7	11.0	6.1
2025-03-28 20:45:00	7.7	37.7	40.0	6.9	11.0	5.3
2025-03-28 21:00:00	7.7	33.3	41.7	6.9	11.0	6.7
2025-03-28 21:15:00	7.6	28.5	41.1	6.9	11.0	3.4
2025-03-28 21:30:00	7.5	26.9	49.3	6.6	11.0	3.3
2025-03-28 21:45:00	7.5	26.9	49.8	6.7	11.0	5.7
2025-03-28 22:00:00	7.7	37.4	49.1	6.8	11.0	6.9
2025-03-28 22:15:00	7.7	34.2	46.9	6.9	11.0	3.5
2025-03-28 22:30:00	7.7	33.7	42.8	6.9	11.0	2.9
2025-03-28 22:45:00	7.7	33.9	45.4	6.9	11.0	6.2
2025-03-28 23:00:00	7.7	33.9	43.2	7.0	11.0	6.9
2025-03-28 23:15:00	7.7	34.2	44.3	6.9	11.0	12.0
2025-03-28 23:30:00	7.7	35.5	42.1	7.0	11.0	7.5
2025-03-28 23:45:00	7.8	43.8	36.3	7.4	11.0	11.4
2025-03-29 00:00:00	7.8	51.6	49.0	6.5	10.9	24.0
2025-03-29 00:15:00	7.8	60.0	41.1	7.2	11.0	14.1
2025-03-29 00:30:00	7.7	63.1	27.9	7.6	11.0	14.7
2025-03-29 00:45:00	7.6	52.9	36.9	7.1	11.0	8.5
2025-03-29 01:00:00	7.6	46.1	40.0	7.0	11.0	9.8
2025-03-29 01:15:00	7.5	42.6	52.5	6.9	11.1	12.3
2025-03-29 01:30:00	7.6	41.5	53.0	6.7	11.0	8.8
2025-03-29 01:45:00	7.6	38.9	51.1	6.8	11.0	5.2
2025-03-29 02:00:00	7.5	37.8	48.4	6.8	11.0	6.3
2025-03-29 02:15:00	7.6	39.6	47.7	6.8	11.0	7.2
2025-03-29 02:30:00	7.6	39.3	47.2	6.8	11.0	13.5
2025-03-29 02:45:00	7.6	38.6	48.6	6.7	11.0	10.2
2025-03-29 03:00:00	7.6	38.0	46.7	6.8	11.0	8.5
2025-03-29 03:15:00	7.6	38.3	44.5	6.9	11.0	15.7
2025-03-29 03:30:00	7.6	39.1	44.6	7.0	11.0	24.2
2025-03-29 03:45:00	7.5	38.7	45.8	7.0	11.1	15.0
2025-03-29 04:00:00	7.5	38.3	42.3	7.0	11.1	9.4
2025-03-29 04:15:00	7.2	24.9	48.0	6.8	11.1	4.1
2025-03-29 04:30:00	7.5	39.8	38.4	7.1	11.1	14.9
2025-03-29 04:45:00	7.4	31.6	33.5	7.0	11.0	5.0
2025-03-29 05:00:00	7.1	17.6	58.3	6.6	11.2	1.3
2025-03-29 05:15:00	7.5	40.1	47.0	7.0	11.1	11.4
2025-03-29 05:30:00	7.5	39.6	39.2	7.1	11.1	23.0
2025-03-29 05:45:00	7.5	38.9	38.8	7.1	11.1	11.7

	East River					
Date/Time	Temperature (ºC)	Specific Conductivity (µS/cm)	ORP (mV)	pH	Dissolved Oxygen (mg/L)	Turbidity (NTU)
2025-03-29 06:00:00	7.5	38.5	42.7	7.0	11.1	5.5
2025-03-29 06:15:00	7.5	38.2	40.2	7.0	11.1	5.6
2025-03-29 06:30:00	7.5	37.9	40.2	7.0	11.1	5.6
2025-03-29 06:45:00	7.4	37.6	41.6	7.0	11.1	10.1
2025-03-29 07:00:00	7.4	37.9	39.7	7.0	11.1	11.8
2025-03-29 07:15:00	7.2	27.2	40.2	6.9	11.2	6.7
2025-03-29 07:30:00	7.5	41.4	34.2	7.2	11.1	19.9
2025-03-29 07:45:00	7.4	41.8	26.1	7.4	11.1	5.6
2025-03-29 08:00:00	7.4	40.8	32.1	7.1	11.1	12.3
2025-03-29 08:15:00	7.3	35.0	40.4	6.8	11.1	8.5
2025-03-29 08:30:00	7.4	38.0	42.7	6.7	11.1	13.0
2025-03-29 08:45:00	7.1	25.1	45.5	6.7	11.2	4.8
2025-03-29 09:00:00	7.4	41.5	26.2	7.6	11.1	16.1
2025-03-29 09:15:00	7.4	43.4	0.2	8.8	11.2	14.6
2025-03-29 09:30:00	7.0	19.5	36.3	6.8	11.2	2.5
2025-03-29 09:45:00	7.0	19.7	56.4	6.7	11.2	2.1
2025-03-29 10:00:00	7.4	43.7	4.9	8.8		7.3
2025-03-29 10:15:00	7.1	28.6	20.9	7.5	11.2	5.2
2025-03-29 10:30:00	7.4	41.8	16.0	7.8	11.2	14.9
2025-03-29 10:45:00	7.4	41.9	21.8	7.4	11.2	16.9
2025-03-29 11:00:00	7.4	41.3	27.7	7.0	11.2	10.4
2025-03-29 11:15:00	7.1	29.1	35.4	6.8	11.2	7.0
2025-03-29 11:30:00	7.4	39.5	40.3	6.8	11.2	16.7
2025-03-29 11:45:00	7.4	38.9	36.5	6.8	11.1	23.5
2025-03-29 12:00:00	7.3	39.0	34.3	6.9	11.2	7.7
2025-03-29 12:15:00	7.3	35.8	36.7	6.9	11.2	16.5
2025-03-29 12:30:00	7.3	39.4	32.9	7.0	11.2	7.2
2025-03-29 12:45:00	7.3	38.8	36.2	7.0	11.2	7.5
2025-03-29 13:00:00	7.3	38.1	33.5	7.0	11.2	10.2
2025-03-29 13:15:00	7.2	34.3	35.7	6.9	11.2	13.6
2025-03-29 13:30:00	7.3	37.4	32.4	7.0	11.2	10.9
2025-03-29 13:45:00	7.3	36.6	31.3	7.0	11.2	13.2
2025-03-29 14:00:00	7.2	36.3	32.0	7.0	11.2	8.4
2025-03-29 14:15:00	7.2	33.3	32.5	7.0	11.2	27.6
2025-03-29 14:30:00	7.3	37.5	30.7	7.0	11.2	5.1
2025-03-29 14:45:00	7.3	37.0	31.0	7.0	11.2	39.0
2025-03-29 15:00:00	7.3	36.6	29.4	7.0	11.2	10.1
2025-03-29 15:15:00	7.2	32.7	32.5	6.9	11.2	7.9
2025-03-29 15:30:00	7.3	37.2	29.6	7.0	11.2	12.4
2025-03-29 15:45:00	7.3	36.6	29.3	7.0	11.2	6.3
2025-03-29 16:00:00	7.3	36.1	30.0	7.0	11.2	4.4
2025-03-29 16:15:00	7.3	33.4	33.1	6.9	11.2	4.4

	East River					
Date/Time	Temperature (ºC)	Specific Conductivity (µS/cm)	ORP (mV)	pH	Dissolved Oxygen (mg/L)	Turbidity (NTU)
2025-03-29 16:30:00	7.3	35.5	32.5	7.0	11.2	10.8
2025-03-29 16:45:00	7.3	35.0	33.9	7.0	11.2	11.0
2025-03-29 17:00:00	7.4	34.5	34.2	7.0	11.2	8.4
2025-03-29 17:15:00	7.3	25.8	42.6	6.8	11.2	5.0
2025-03-29 17:30:00	7.5	35.3	38.9	7.0	11.2	9.4
2025-03-29 17:45:00	7.5	35.4	39.2	7.0	11.2	7.7
2025-03-29 18:00:00	7.5	32.9	44.5	6.9	11.2	10.7
2025-03-29 18:15:00	7.5	33.4	43.0	6.9	11.2	8.7
2025-03-29 18:30:00	7.5	33.5	41.8	6.9	11.2	16.0
2025-03-29 18:45:00	7.5	33.4	41.6	7.0	11.2	5.1
2025-03-29 19:00:00	7.4	24.9	64.2	6.7	11.2	16.0
2025-03-29 19:15:00	7.6	41.0	42.4	7.0	11.2	5.7
2025-03-29 19:30:00	7.7	39.1	40.7	7.0	11.1	14.4
2025-03-29 19:45:00	7.7	37.2	43.1	7.0	11.1	5.2
2025-03-29 20:00:00	7.7	37.4	48.1	7.0	11.1	6.1
2025-03-29 20:15:00	7.7	37.8	52.3	7.0	11.1	16.2
2025-03-29 20:30:00	7.7	38.6	55.7	7.0	11.1	19.2
2025-03-29 20:45:00	7.8	38.6	45.2	7.0	11.1	14.7
2025-03-29 21:00:00	7.8	38.4	48.4	7.0	11.1	15.6
2025-03-29 21:15:00	7.9	37.3	45.6	7.0	11.1	16.6
2025-03-29 21:30:00	7.8	37.2	42.2	7.1	11.1	9.4
2025-03-29 21:45:00	7.8	36.8	40.4	7.1	11.1	5.9
2025-03-29 22:00:00	7.8	36.7	37.5	7.1	11.1	11.5
2025-03-29 22:15:00	7.5	16.3	54.0	6.6	11.2	1.5
2025-03-29 22:30:00	7.6	21.9	40.4	7.0	11.1	4.3
2025-03-29 22:45:00	7.5	16.1	58.5	6.6	11.1	3.2
2025-03-29 23:00:00	7.4	16.0	66.4	6.6	11.1	1.4
2025-03-29 23:15:00	7.5	20.2	54.3	6.7	11.1	4.9
2025-03-29 23:30:00	7.4	16.0	67.5	6.6	11.1	0.8
2025-03-29 23:45:00	7.7	36.2	65.0	6.6	11.1	21.3
2025-03-30 00:00:00	7.8	39.4	57.0	6.8	11.1	9.3
2025-03-30 00:15:00	7.8	42.3	47.1	6.9	11.1	11.3
2025-03-30 00:30:00	7.9	43.4	43.5	7.0	11.0	11.1
2025-03-30 00:45:00	7.8	36.1	45.4	7.0	11.1	5.2
2025-03-30 01:00:00	7.6	22.2	38.8	6.9	11.1	2.4
2025-03-30 01:15:00	7.9	47.9	37.2	7.1	11.0	14.8
2025-03-30 01:30:00	7.8	39.3	39.0	7.0	11.1	15.9
2025-03-30 01:45:00	7.7	39.1	39.9	7.1	11.1	20.0
2025-03-30 02:00:00	7.7	39.9	42.6	7.0	11.1	7.9
2025-03-30 02:15:00	7.6	40.2	45.8	7.0	11.1	6.9
2025-03-30 02:30:00	7.4	32.1	35.7	7.3	11.1	3.4
2025-03-30 02:45:00	7.5	53.2	44.6	7.3	11.1	8.4

	East River					
Date/Time	Temperature (ºC)	Specific Conductivity (µS/cm)	ORP (mV)	pH	Dissolved Oxygen (mg/L)	Turbidity (NTU)
2025-03-30 03:00:00	7.5	51.1	38.8	7.3	11.1	12.0
2025-03-30 03:15:00	7.5	48.4	36.8	7.0	11.1	11.5
2025-03-30 03:30:00	7.5	44.9	35.8	7.1	11.1	11.7
2025-03-30 03:45:00	7.4	43.6	39.2	6.8	11.2	8.5
2025-03-30 04:00:00	7.4	44.6	40.3	6.9		15.0
2025-03-30 04:15:00	7.4	46.6	44.1	6.9	11.2	10.9
2025-03-30 04:30:00	7.3	47.3	46.7	6.9	11.2	20.0
2025-03-30 04:45:00	7.3	47.0	48.9	6.9	11.2	12.8
2025-03-30 05:00:00	7.2	36.2	46.2	6.9	11.2	6.0
2025-03-30 05:15:00	7.3	52.3	50.6	6.8	11.2	66.2
2025-03-30 05:30:00	7.4	55.4	47.7	7.0	11.2	74.6
2025-03-30 05:45:00	7.3	55.3	49.8	6.9	11.3	81.4
2025-03-30 06:00:00	7.1	41.9	54.1	6.9	11.3	73.3
2025-03-30 06:15:00	7.3	54.0	45.8	7.0	11.3	167.0
2025-03-30 06:30:00	7.3	52.9	44.7	7.0	11.3	110.3
2025-03-30 06:45:00	7.2	52.1	41.4	6.9	11.3	99.5
2025-03-30 07:00:00	7.2	51.8	38.5	7.1	11.3	100.2
2025-03-30 07:15:00	6.8	29.0	44.9	6.9	11.4	33.8
2025-03-30 07:30:00	7.2	49.1	38.9	7.0	11.3	78.8
2025-03-30 07:45:00	6.6	17.0	52.3	6.7	11.4	3.2
2025-03-30 08:00:00	7.1	46.9	41.1	7.0	11.3	84.4
2025-03-30 08:15:00	7.0	40.3	40.4	7.0	11.3	54.1
2025-03-30 08:30:00	7.1	46.6	36.6	7.1	11.3	66.8
2025-03-30 08:45:00	7.1	46.1	40.5	7.1	11.3	38.4
2025-03-30 09:00:00	7.0	45.9	39.5	6.9	11.3	87.2
2025-03-30 09:15:00	6.9	38.9	39.4	7.0	11.3	50.7
2025-03-30 09:30:00	7.0	45.0	39.4	7.1	11.3	57.4
2025-03-30 09:45:00	7.0	44.8	39.7	7.1	11.3	44.3
2025-03-30 10:00:00	7.0	44.7	39.8	7.1	11.3	42.5
2025-03-30 10:15:00	6.8	38.5	38.7	7.0	11.4	53.0
2025-03-30 10:30:00	6.9	46.3	36.2	7.1	11.3	67.0
2025-03-30 10:45:00	6.9	46.9	37.9	7.1	11.3	42.0
2025-03-30 11:00:00	6.9	46.6	34.5	7.1	11.3	55.3
2025-03-30 11:15:00	6.9	46.4	36.2	7.1	11.3	36.2
2025-03-30 11:30:00	6.9	45.9	35.1	7.1	11.3	56.0
2025-03-30 11:45:00	6.9	45.9	36.1	7.1	11.3	65.7
2025-03-30 12:00:00	6.8	45.6	32.4	7.1	11.3	40.7
2025-03-30 12:15:00	6.8	45.3	31.7	7.1	11.3	26.0
2025-03-30 12:30:00	6.8	45.1	29.6	7.1	11.3	33.1
2025-03-30 12:45:00	6.8	45.8	28.7	7.1	11.3	38.2
2025-03-30 13:00:00	6.9	45.4	27.5	7.1	11.3	40.2
2025-03-30 13:15:00	6.8	45.0	32.9	7.1	11.3	34.3

	East River					
Date/Time	Temperature (ºC)	Specific Conductivity (µS/cm)	ORP (mV)	pH	Dissolved Oxygen (mg/L)	Turbidity (NTU)
2025-03-30 13:30:00	6.8	44.7	27.6	7.1	11.3	33.4
2025-03-30 13:45:00	6.8	44.9	29.7	7.1	11.3	28.2
2025-03-30 14:00:00	6.8	44.2	35.3	7.0	11.3	53.3
2025-03-30 14:15:00	6.3	20.0	47.8	6.7	11.4	6.8
2025-03-30 14:30:00	6.8	44.3	36.6	7.1	11.3	43.1
2025-03-30 14:45:00	6.8	44.1	34.0	7.1	11.3	36.8
2025-03-30 15:00:00	6.8	44.0	36.0	7.1	11.3	30.8
2025-03-30 15:15:00	6.9	43.9	35.0	7.1	11.3	39.3
2025-03-30 15:30:00	6.8	42.9	43.0	7.1	11.3	36.7
2025-03-30 15:45:00	6.9	41.7	37.4	7.0	11.3	18.0
2025-03-30 16:00:00	7.0	45.4	36.9	7.1	11.2	27.1
2025-03-30 16:15:00	6.9	40.5	38.9	7.0	11.3	16.6
2025-03-30 16:30:00	6.8	28.9	40.9	6.9	11.3	12.0
2025-03-30 16:45:00	6.6	15.7	58.5	6.6	11.3	1.4
2025-03-30 17:00:00	6.9	24.4	42.4	6.9	11.2	7.6
2025-03-30 17:15:00	7.3	48.3	49.8	7.1	11.2	39.9
2025-03-30 17:30:00	7.5	48.9	43.2	7.2	11.1	21.6
2025-03-30 17:45:00	7.5	47.6	35.7	7.2	11.1	37.1
2025-03-30 18:00:00	7.5	44.8	37.2	7.0	11.1	30.6
2025-03-30 18:15:00	7.1	16.3	47.6	6.7	11.2	2.8
2025-03-30 18:30:00	7.9	52.2	22.3	8.5	11.0	40.1
2025-03-30 18:45:00	7.9	47.3	32.6	7.1	11.0	26.8
2025-03-30 19:00:00	8.0	44.6	31.3	7.2	10.9	27.7
2025-03-30 19:15:00	7.9	35.7	51.8	7.1	11.0	17.6
2025-03-30 19:30:00	7.8	21.6	43.9	6.8	10.9	12.4
2025-03-30 19:45:00	8.2	46.9	35.5	7.2	10.9	28.7
2025-03-30 20:00:00	8.3	46.0	42.5	7.0	10.8	21.6
2025-03-30 20:15:00	8.2	36.7	41.7	7.1	10.9	18.3
2025-03-30 20:30:00	7.9	16.3	54.1	6.7	10.9	1.6
2025-03-30 20:45:00	8.5	52.3	38.3	7.3	10.8	24.1
2025-03-30 21:00:00	8.6	53.4	38.4	7.2	10.7	18.9
2025-03-30 21:15:00	8.6	53.2	41.3	7.1	10.7	26.8
2025-03-30 21:30:00	8.6	52.2	43.1	7.2	10.7	13.8
2025-03-30 21:45:00	8.1	15.8	67.0	6.6	10.8	0.9
2025-03-30 22:00:00	8.7	51.3	50.7	7.2	10.7	14.9
2025-03-30 22:15:00	8.7	51.4	49.6	7.2	10.7	25.5
2025-03-30 22:30:00	8.7	50.9	47.4	7.2	10.7	19.0
2025-03-30 22:45:00	8.2	15.8	68.2	6.6	10.8	1.0
2025-03-30 23:00:00	8.7	51.0	49.3	7.2	10.7	20.0
2025-03-30 23:15:00	8.8	51.1	48.9	7.2	10.7	21.5
2025-03-30 23:30:00	8.7	47.4	50.7	7.2	10.7	16.3
2025-03-30 23:45:00	8.6	47.1	49.3	7.2	10.7	24.7

	East River					
Date/Time	Temperature (ºC)	Specific Conductivity (µS/cm)	ORP (mV)	pH	Dissolved Oxygen (mg/L)	Turbidity (NTU)
2025-03-24 00:00:00	5.8	17.1		7.2	11.4	6.0
2025-03-24 00:15:00	5.8	13.4		7.1	11.4	5.0
2025-03-24 00:30:00	5.8	17.4		7.2	11.3	5.0
2025-03-24 00:45:00	5.8	17.5		7.2	11.4	3.7
2025-03-24 01:00:00		17.0		7.2	11.4	7.7
2025-03-24 01:15:00	5.8	13.1		7.2	11.4	4.2
2025-03-24 01:30:00	5.8	16.9		7.2	11.3	2.2
2025-03-24 01:45:00	5.8	14.0		7.1	11.4	3.8
2025-03-24 02:00:00	5.8	15.6		7.1	11.3	1.7
2025-03-24 02:15:00	5.8	15.7		7.2	11.4	2.0
2025-03-24 02:30:00	5.8	14.1		7.2	11.3	1.8
2025-03-24 02:45:00	5.8	15.8		7.1	11.3	19.5
2025-03-24 03:00:00	5.8	14.0		7.2	11.4	2.7
2025-03-24 03:15:00	5.8	15.7		7.2	11.4	8.6
2025-03-24 03:30:00	5.8	13.6		7.2	11.4	3.5
2025-03-24 03:45:00	5.8	15.9		7.2	11.4	9.0
2025-03-24 04:00:00	5.9	14.3		7.2	11.4	1.9
2025-03-24 04:15:00	5.9	16.3		7.2	11.3	8.5
2025-03-24 04:30:00	5.9	13.5		7.2	11.4	1.9
2025-03-24 04:45:00	5.9	16.2		7.2	11.4	4.1
2025-03-24 05:00:00	5.9	14.6		7.2	11.4	1.3
2025-03-24 05:15:00	5.9	15.9		7.2	11.4	6.6
2025-03-24 05:30:00	5.9	14.6		7.2	11.4	1.8
2025-03-24 05:45:00	5.9	15.6		7.1	11.4	2.6
2025-03-24 06:00:00	5.9	15.5		7.1	11.4	1.8
2025-03-24 06:15:00	5.9	14.8		7.1	11.4	0.9
2025-03-24 06:30:00	6.0	14.7		7.1	11.4	1.6
2025-03-24 06:45:00	6.0	15.1		7.1	11.4	3.5
2025-03-24 07:00:00	6.0	13.3		7.2	11.4	2.1
2025-03-24 07:15:00	6.0	15.1		7.1	11.4	5.5
2025-03-24 07:30:00	6.0	15.2		7.1	11.4	1.3
2025-03-24 07:45:00	6.0	14.8		7.1	11.4	1.8
2025-03-24 08:00:00	6.0	14.3		7.1	11.4	4.4
2025-03-24 08:15:00	6.0	15.1		7.1	11.3	3.3
2025-03-24 08:30:00	6.0	15.2		7.1	11.3	0.9
2025-03-24 08:45:00	6.0	15.3		7.1	11.3	5.6
2025-03-24 09:00:00	6.0	13.9		7.1	11.3	1.7
2025-03-24 09:15:00	6.1	15.4		7.1	11.3	7.1
2025-03-24 09:30:00	6.1	13.6		7.1	11.3	1.6
2025-03-24 09:45:00	6.1	15.1		7.1	11.3	7.1
2025-03-24 10:00:00		13.6		7.1	11.3	0.4
2025-03-24 10:15:00	6.1	14.9		7.1	11.3	4.1

	East River					
Date/Time	Temperature (ºC)	Specific Conductivity (µS/cm)	ORP (mV)	pH	Dissolved Oxygen (mg/L)	Turbidity (NTU)
2025-03-24 10:30:00	6.1	13.5		7.1	11.3	1.0
2025-03-24 10:45:00	6.1	15.0		7.0	11.3	2.6
2025-03-24 11:00:00	6.1	14.8		7.1	11.3	2.0
2025-03-24 11:15:00	6.1	14.9		7.1	11.3	5.6
2025-03-24 11:30:00	6.1	14.7		7.1	11.3	0.7
2025-03-24 11:45:00	6.1	13.5		7.1	11.3	2.8
2025-03-24 12:00:00	6.1	14.7		7.1	11.3	4.2
2025-03-24 12:15:00	6.1	14.8		7.1	11.3	1.2
2025-03-24 12:30:00	6.1	14.5		7.1	11.3	1.1
2025-03-24 12:45:00	6.1	14.8		7.1	11.3	1.5
2025-03-24 13:00:00	6.1	14.6		7.1	11.3	1.4
2025-03-24 13:15:00	6.1	13.1		7.1	11.3	0.6
2025-03-24 13:30:00	6.1	14.5		7.1	11.3	2.6
2025-03-24 13:45:00	6.1	13.3		7.1	11.3	1.1
2025-03-24 14:00:00	6.1	14.6		7.1	11.3	2.0
2025-03-24 14:15:00	6.1	13.1		7.1	11.3	0.5
2025-03-24 14:30:00	6.1	14.6		7.1	11.3	1.6
2025-03-24 14:45:00	6.1	13.0		7.1	11.3	0.7
2025-03-24 15:00:00	6.1	14.4		7.1	11.3	2.8
2025-03-24 15:15:00	6.1	14.6		7.1	11.3	2.1
2025-03-24 15:30:00	6.1	14.6		7.1	11.3	0.9
2025-03-24 15:45:00	6.1	15.0		7.1	11.3	3.9
2025-03-24 16:00:00	6.1	15.2		7.1	11.3	1.6
2025-03-24 16:15:00	6.2	13.7		7.2	11.3	1.6
2025-03-24 16:30:00	6.2	15.3		7.1	11.3	5.3
2025-03-24 16:45:00	6.2	13.8		7.2	11.3	1.9
2025-03-24 17:00:00	6.2	15.7		7.2	11.3	5.6
2025-03-24 17:15:00	6.2	14.6		7.2	11.3	1.7
2025-03-24 17:30:00	6.2	16.6		7.2	11.3	2.1
2025-03-24 17:45:00	6.3	15.4		7.2	11.3	2.4
2025-03-24 18:00:00	6.3	17.2		7.2	11.3	8.6
2025-03-24 18:15:00	6.3	17.1		7.2	11.3	3.1
2025-03-24 18:30:00	6.4	17.2		7.3	11.3	17.7
2025-03-24 18:45:00	6.4	17.6		7.2	11.3	3.9
2025-03-24 19:00:00	6.4	17.2		7.2	11.3	4.8
2025-03-24 19:15:00	6.4	15.3		7.2	11.2	2.0
2025-03-24 19:30:00	6.5	17.1		7.2	11.3	2.7
2025-03-24 19:45:00	6.5	15.4		7.2	11.3	2.9
2025-03-24 20:00:00	6.6	17.2		7.3	11.3	6.5
2025-03-24 20:15:00	6.6	15.4		7.2	11.2	4.0
2025-03-24 20:30:00	6.7	17.3		7.2	11.2	12.1
2025-03-24 20:45:00	6.7	15.2		7.2	11.2	7.2

	East River					
Date/Time	Temperature (ºC)	Specific Conductivity (µS/cm)	ORP (mV)	pH	Dissolved Oxygen (mg/L)	Turbidity (NTU)
2025-03-24 21:00:00	6.7	17.1		7.2	11.2	2.3
2025-03-24 21:15:00	6.8	15.1		7.2	11.2	1.9
2025-03-24 21:30:00	6.8	16.8		7.2	11.2	5.0
2025-03-24 21:45:00	6.9	14.7		7.2	11.1	4.8
2025-03-24 22:00:00	6.9	16.3		7.2	11.1	5.2
2025-03-24 22:15:00	6.9	14.4		7.2	11.1	3.7
2025-03-24 22:30:00	7.0	16.1		7.2	11.1	2.1
2025-03-24 22:45:00	7.0	14.3		7.2	11.1	1.6
2025-03-24 23:00:00	6.9	15.8		7.2	11.1	7.2
2025-03-24 23:15:00	6.9	14.2		7.1	11.1	4.5
2025-03-24 23:30:00	6.9	15.6		7.1	11.1	2.0
2025-03-24 23:45:00	6.9	14.4		7.2	11.1	2.5
2025-03-25 00:00:00	6.9	16.0		7.2	11.1	0.6
2025-03-25 00:15:00	6.9	14.3		7.2	11.1	2.7
2025-03-25 00:30:00	6.9	16.1		7.2	11.1	5.0
2025-03-25 00:45:00	6.9	16.5		7.2	11.1	2.0
2025-03-25 01:00:00	6.9	16.1		7.2	11.1	2.9
2025-03-25 01:15:00	6.9	14.6		7.2	11.1	1.8
2025-03-25 01:30:00	6.9	16.8		7.1	11.1	4.9
2025-03-25 01:45:00	6.9	17.5		7.1	11.1	2.1
2025-03-25 02:00:00	6.9	17.3		7.2	11.1	2.7
2025-03-25 02:15:00	6.9	15.6		7.2	11.1	1.8
2025-03-25 02:30:00	6.9	17.7		7.2	11.1	2.6
2025-03-25 02:45:00	6.9	16.1		7.2	11.1	2.0
2025-03-25 03:00:00	6.8	18.0		7.1	11.1	6.4
2025-03-25 03:15:00	6.8	17.8		7.2	11.1	0.6
2025-03-25 03:30:00	6.8	16.4		7.2	11.1	0.8
2025-03-25 03:45:00	6.8	17.9		7.2	11.1	2.3
2025-03-25 04:00:00	6.8	18.4		7.2	11.1	1.2
2025-03-25 04:15:00	6.8	18.0		7.2	11.1	3.6
2025-03-25 04:30:00	6.8	16.2		7.2	11.1	2.0
2025-03-25 04:45:00	6.8	17.8		7.2	11.2	1.0
2025-03-25 05:00:00	6.8	16.0		7.2	11.1	1.3
2025-03-25 05:15:00	6.8	17.4		7.2	11.2	2.3
2025-03-25 05:30:00	6.8	15.7		7.1	11.2	0.8
2025-03-25 05:45:00	6.8	17.1		7.2	11.2	4.9
2025-03-25 06:00:00	6.8	15.1		7.2	11.1	1.3
2025-03-25 06:15:00	6.8	17.3		7.2	11.1	0.7
2025-03-25 06:30:00	6.8	15.2		7.2	11.1	1.9
2025-03-25 06:45:00	6.8	16.8		7.2	11.1	1.2
2025-03-25 07:00:00	6.8	15.5		7.2	11.1	1.5
2025-03-25 07:15:00	6.8	18.4		7.2	11.1	6.0

	East River					
Date/Time	Temperature (ºC)	Specific Conductivity (µS/cm)	ORP (mV)	pH	Dissolved Oxygen (mg/L)	Turbidity (NTU)
2025-03-25 07:30:00	6.8	16.5		7.3	11.1	2.3
2025-03-25 07:45:00	6.8	18.8		7.2	11.2	4.5
2025-03-25 08:00:00	6.8	20.4		7.2	11.1	3.2
2025-03-25 08:15:00	6.8	20.5		7.3	11.1	3.1
2025-03-25 08:30:00	6.8	19.1		7.3	11.1	2.5
2025-03-25 08:45:00	6.8	21.0		7.3	11.1	6.1
2025-03-25 09:00:00	6.8	19.0		7.2	11.1	2.8
2025-03-25 09:15:00	6.8	20.7		7.3	11.2	2.0
2025-03-25 09:30:00	6.8	21.2		7.3	11.1	2.7
2025-03-25 09:45:00	6.8	20.8		7.3	11.2	3.9
2025-03-25 10:00:00	6.8	18.4		7.3	11.1	3.8
2025-03-25 10:15:00	6.8	21.1		7.3	11.1	7.8
2025-03-25 10:30:00	6.8	21.5		7.3	11.1	3.1
2025-03-25 10:45:00	6.8	22.0		7.3	11.2	4.3
2025-03-25 11:00:00	6.8	22.9		7.3	11.1	8.2
2025-03-25 11:15:00	6.8	23.5		7.4	11.1	8.9
2025-03-25 11:30:00	6.8	21.2		7.4	11.1	4.9
2025-03-25 11:45:00	6.8	22.9		7.4	11.1	5.2
2025-03-25 12:00:00	6.7	22.7		7.3	11.1	3.8
2025-03-25 12:15:00	6.7	21.5		7.3	11.2	4.3
2025-03-25 12:30:00	6.7	19.4		7.3	11.1	3.4
2025-03-25 12:45:00	6.7	21.2		7.3	11.1	10.8
2025-03-25 13:00:00	6.7	18.4		7.3	11.1	3.4
2025-03-25 13:15:00	6.7	20.4		7.3	11.1	2.9
2025-03-25 13:30:00	6.7	17.6		7.3	11.1	3.2
2025-03-25 13:45:00	6.7	19.4		7.3	11.1	2.3
2025-03-25 14:00:00		16.8		7.3	11.1	1.7
2025-03-25 14:15:00	6.7	18.4		7.3	11.1	2.8
2025-03-25 14:30:00	6.7	17.9		7.2	11.1	1.8
2025-03-25 14:45:00	6.7	17.5		7.2	11.2	0.8
2025-03-25 15:00:00	6.7	15.5		7.2	11.2	0.6
2025-03-25 15:15:00	6.7	17.0		7.2	11.1	1.4
2025-03-25 15:30:00	6.7	14.8		7.1	11.1	0.7
2025-03-25 15:45:00	6.7	16.6		7.2	11.1	2.3
2025-03-25 16:00:00	6.7	14.8		7.2	11.1	3.1
2025-03-25 16:15:00	6.7	17.7		7.3	11.1	5.9
2025-03-25 16:30:00	6.7	18.4		7.2	11.1	2.8
2025-03-25 16:45:00	6.7	18.6		7.2	11.1	2.3
2025-03-25 17:00:00	6.8	20.2		7.3	11.1	2.6
2025-03-25 17:15:00	6.8	19.7		7.3	11.1	6.1
2025-03-25 17:30:00	6.8	19.6		7.3	11.1	4.1
2025-03-25 17:45:00	6.9	20.8		7.4	11.1	3.9

	East River					
Date/Time	Temperature (ºC)	Specific Conductivity (µS/cm)	ORP (mV)	pH	Dissolved Oxygen (mg/L)	Turbidity (NTU)
2025-03-25 18:00:00	6.9	21.4		7.3	11.1	6.6
2025-03-25 18:15:00	6.9	20.7		7.4	11.1	2.4
2025-03-25 18:30:00	6.9	18.0		7.3	11.1	4.5
2025-03-25 18:45:00	6.9	19.9		7.3	11.1	7.7
2025-03-25 19:00:00	6.9	19.3		7.3	11.1	2.0
2025-03-25 19:15:00	6.9	18.9		7.3	11.1	3.2
2025-03-25 19:30:00	7.0	16.2		7.2	11.1	5.6
2025-03-25 19:45:00	7.0	17.9		7.3	11.1	4.0
2025-03-25 20:00:00	7.0	15.6		7.3	11.0	3.2
2025-03-25 20:15:00	7.1	17.2		7.2	11.1	4.3
2025-03-25 20:30:00	7.1	14.9		7.2	11.0	2.1
2025-03-25 20:45:00	7.1	16.4		7.2	11.1	4.0
2025-03-25 21:00:00	7.1	14.8		7.1	11.0	1.6
2025-03-25 21:15:00	7.1	15.9		7.2	11.0	4.7
2025-03-25 21:30:00	7.1	14.2		7.1	11.0	3.2
2025-03-25 21:45:00	7.1	15.6		7.2	11.0	4.1
2025-03-25 22:00:00	7.2	15.5		7.1	11.0	2.0
2025-03-25 22:15:00	7.3	15.0		7.2	11.0	5.4
2025-03-25 22:30:00	7.3	13.5		7.1	11.0	0.8
2025-03-25 22:45:00	7.4	14.9		7.1	11.0	6.3
2025-03-25 23:00:00	7.4	13.3		7.2	11.0	1.5
2025-03-25 23:15:00	7.4	14.6		7.2	11.0	8.2
2025-03-25 23:30:00	7.4	14.1		7.1	10.9	1.6
2025-03-25 23:45:00	7.5	14.5		7.2	10.9	1.1
2025-03-26 00:00:00	7.5	13.1		7.1	10.9	0.7
2025-03-26 00:15:00	7.4	14.5		7.2	10.9	2.1
2025-03-26 00:30:00	7.4	13.0		7.1	10.9	2.0
2025-03-26 00:45:00	7.4	14.3		7.1	10.9	7.3
2025-03-26 01:00:00	7.4	12.8		7.1	10.9	0.6
2025-03-26 01:15:00	7.4	14.4		7.1	10.9	1.1
2025-03-26 01:30:00	7.4	14.5		7.1	10.9	1.8
2025-03-26 01:45:00	7.4	14.2		7.1	10.9	0.4
2025-03-26 02:00:00	7.4	14.5		7.1	10.9	1.2
2025-03-26 02:15:00	7.3	14.0		7.1	10.9	0.7
2025-03-26 02:30:00	7.3	14.5		7.1	10.9	2.1
2025-03-26 02:45:00	7.3	14.2		7.1	10.9	1.1
2025-03-26 03:00:00	7.3	14.5		7.1	10.9	0.5
2025-03-26 03:15:00	7.2	14.4		7.1	10.9	1.6
2025-03-26 03:30:00	7.2	14.5		7.1	10.9	1.6
2025-03-26 03:45:00	7.2	14.6		7.1	11.0	1.6
2025-03-26 04:00:00	7.2	14.7		7.1	11.0	3.8
2025-03-26 04:15:00	7.1	14.3		7.1	11.0	2.7

	East River					
Date/Time	Temperature (ºC)	Specific Conductivity (µS/cm)	ORP (mV)	pH	Dissolved Oxygen (mg/L)	Turbidity (NTU)
2025-03-26 04:30:00	7.1	14.4		7.1	11.0	1.1
2025-03-26 04:45:00	7.1	14.4		7.1	11.0	0.4
2025-03-26 05:00:00	7.1	12.8		7.1	11.0	0.5
2025-03-26 05:15:00	7.1	14.3		7.1	11.0	2.2
2025-03-26 05:30:00	7.0	12.9		7.1	11.0	0.9
2025-03-26 05:45:00	7.0	14.3		7.1	11.0	3.3
2025-03-26 06:00:00	7.0	14.8		7.1	11.0	0.3
2025-03-26 06:15:00	7.0	14.2		7.1	11.0	1.8
2025-03-26 06:30:00	7.0	12.7		7.1	11.0	0.9
2025-03-26 06:45:00	7.0	14.2		7.1	11.0	2.4
2025-03-26 07:00:00	7.0	12.8		7.1	11.1	0.3
2025-03-26 07:15:00	7.0	14.1		7.1	11.0	1.2
2025-03-26 07:30:00	6.9	12.9		7.1	11.0	0.5
2025-03-26 07:45:00	6.9	14.0		7.0	11.0	5.3
2025-03-26 08:00:00	6.9	13.9		7.1	11.1	0.8
2025-03-26 08:15:00	6.9	13.3		7.0	11.1	0.9
2025-03-26 08:30:00	6.9	14.0		7.0	11.1	2.3
2025-03-26 08:45:00	6.9	14.0		7.0	11.1	1.2
2025-03-26 09:00:00	6.9	12.7		7.1	11.1	1.4
2025-03-26 09:15:00	6.9	13.9		7.1	11.1	0.5
2025-03-26 09:30:00	6.9	12.3		7.1	11.1	0.2
2025-03-26 09:45:00	6.9	13.8		7.1	11.0	0.3
2025-03-26 10:00:00	6.9	12.5		7.1	11.0	1.1
2025-03-26 10:15:00	6.9	13.9		7.1	11.0	0.6
2025-03-26 10:30:00	6.9	12.7		7.1	11.0	0.6
2025-03-26 10:45:00	6.9	13.8		7.1	11.1	5.2
2025-03-26 11:00:00	6.9	12.1		7.1	11.1	0.3
2025-03-26 11:15:00	6.8	13.9		7.1	11.1	0.4
2025-03-26 11:30:00	6.8	12.3		7.1	11.0	0.7
2025-03-26 11:45:00	6.8	13.7		7.0	11.1	0.3
2025-03-26 12:00:00	6.8	12.3		7.1	11.1	0.5
2025-03-26 12:15:00	6.8	13.6		7.0	11.1	0.7
2025-03-26 12:30:00	6.8	13.7		7.0	11.1	0.3
2025-03-26 12:45:00	6.8	12.5		7.0	11.0	0.8
2025-03-26 13:00:00	6.8	13.5		7.1	11.1	4.3
2025-03-26 13:15:00	6.8	12.6		7.1	11.1	1.7
2025-03-26 13:30:00	6.8	13.7		7.1	11.0	1.0
2025-03-26 13:45:00	6.8	12.2		7.1	11.0	1.5
2025-03-26 14:00:00	6.8	13.5		7.1	11.1	0.8
2025-03-26 14:15:00	6.8	12.1		7.1	11.1	0.4
2025-03-26 14:30:00	6.8	13.4		6.9	11.0	1.7
2025-03-26 14:45:00	6.8	12.0		7.0	11.0	0.2

	East River					
Date/Time	Temperature (ºC)	Specific Conductivity (µS/cm)	ORP (mV)	pH	Dissolved Oxygen (mg/L)	Turbidity (NTU)
2025-03-26 15:00:00	6.8	13.5		7.1	11.0	0.8
2025-03-26 15:15:00	6.9	12.1		7.1	11.0	0.7
2025-03-26 15:30:00	6.9	13.5		7.1	11.0	1.1
2025-03-26 15:45:00	6.9	11.8		7.0	11.0	0.3
2025-03-26 16:00:00	7.0	13.3		7.1	11.0	3.2
2025-03-26 16:15:00	7.0	11.9		7.1	11.0	0.1
2025-03-26 16:30:00	7.1	13.3		7.1	11.0	1.4
2025-03-26 16:45:00	7.2	13.5		7.1	10.9	0.5
2025-03-26 17:00:00	7.2	13.4		7.1	10.9	2.0
2025-03-26 17:15:00	7.3	12.1		7.1	10.9	0.9
2025-03-26 17:30:00	7.4	13.2		7.0	10.9	0.3
2025-03-26 17:45:00	7.4	13.8		7.1	10.9	0.5
2025-03-26 18:00:00	7.5	13.1		7.1	10.9	2.0
2025-03-26 18:15:00	7.5	11.8		7.1	10.9	0.2
2025-03-26 18:30:00	7.6	12.9		7.1	10.8	0.4
2025-03-26 18:45:00	7.6	11.7		7.1	10.8	0.3
2025-03-26 19:00:00	7.6	13.0		7.0	10.8	1.5
2025-03-26 19:15:00	7.7	12.6		7.1	10.8	1.5
2025-03-26 19:30:00	7.7	11.3		7.1	10.8	0.1
2025-03-26 19:45:00	7.7	12.9		7.1	10.8	0.8
2025-03-26 20:00:00	7.7	13.3		7.1	10.8	1.2
2025-03-26 20:15:00	7.8	13.3		7.1	10.8	0.2
2025-03-26 20:30:00	7.8	13.1		7.1	10.8	0.3
2025-03-26 20:45:00	7.8	12.6		7.1	10.8	2.0
2025-03-26 21:00:00	7.8	13.3		7.0	10.8	0.5
2025-03-26 21:15:00	7.8	13.0		7.1	10.8	1.4
2025-03-26 21:30:00	7.8	13.3		7.1	10.8	0.4
2025-03-26 21:45:00	7.8	13.1		7.1	10.7	1.3
2025-03-26 22:00:00	7.8	13.5		7.0	10.8	0.6
2025-03-26 22:15:00	7.8	13.0		7.1	10.7	0.5
2025-03-26 22:30:00	7.8	11.8		7.1	10.8	0.4
2025-03-26 22:45:00	7.8	14.5		7.2	10.7	1.8
2025-03-26 23:00:00	7.8	13.5		7.1	10.7	0.6
2025-03-26 23:15:00	7.9	15.6		7.2	10.7	3.4
2025-03-26 23:30:00	8.0	17.4		7.3	10.7	3.6
2025-03-26 23:45:00	8.1	16.6		7.2	10.7	3.9
2025-03-27 00:00:00	8.2	16.1		7.2	10.7	3.7
2025-03-27 00:15:00	8.1	15.7		7.2	10.6	4.0
2025-03-27 00:30:00	8.1	16.0		7.2	10.6	2.7
2025-03-27 00:45:00	8.1	15.7		7.2	10.7	3.4
2025-03-27 01:00:00	8.1	14.3		7.2	10.6	0.9
2025-03-27 01:15:00	8.1	15.6		7.2	10.7	3.9

	East River					
Date/Time	Temperature (ºC)	Specific Conductivity (µS/cm)	ORP (mV)	pH	Dissolved Oxygen (mg/L)	Turbidity (NTU)
2025-03-27 01:30:00	8.1	13.8		7.2	10.6	0.8
2025-03-27 01:45:00	8.0	15.5		7.2	10.6	2.5
2025-03-27 02:00:00	8.0	15.8		7.2	10.6	0.7
2025-03-27 02:15:00	8.0	15.2		7.2	10.7	1.0
2025-03-27 02:30:00	8.0	15.7		7.2	10.6	3.2
2025-03-27 02:45:00	7.9	15.1		7.2	10.6	1.3
2025-03-27 03:00:00	7.9	15.4		7.2	10.6	0.4
2025-03-27 03:15:00	7.9	15.1		7.1	10.7	1.2
2025-03-27 03:30:00	7.9	15.0		7.2	10.7	0.6
2025-03-27 03:45:00	7.9	14.7		7.1	10.7	0.7
2025-03-27 04:00:00	7.8	15.1		7.1	10.7	0.6
2025-03-27 04:15:00	7.8	14.7		7.1	10.7	0.4
2025-03-27 04:30:00	7.8	15.0		7.1	10.7	0.9
2025-03-27 04:45:00	7.8	14.6		7.2	10.7	1.5
2025-03-27 05:00:00	7.7	14.8		7.1	10.7	0.6
2025-03-27 05:15:00	7.8	14.6		7.2	10.7	2.7
2025-03-27 05:30:00	7.8	14.6		7.1	10.7	5.1
2025-03-27 05:45:00	7.7	14.4		7.1	10.7	0.5
2025-03-27 06:00:00	7.8	16.5		7.2	10.7	3.0
2025-03-27 06:15:00	7.9	20.6		7.3	10.7	25.3
2025-03-27 06:30:00	8.0	24.0		7.5	10.6	67.2
2025-03-27 06:45:00	8.1	27.2		7.6	10.6	77.5
2025-03-27 07:00:00	8.1	31.0		7.6	10.6	47.2
2025-03-27 07:15:00	8.1	31.7		7.6	10.6	29.1
2025-03-27 07:30:00	8.1	32.8		7.6	10.6	39.9
2025-03-27 07:45:00	8.0	31.3		7.6	10.7	26.7
2025-03-27 08:00:00	8.0	31.0		7.6	10.7	15.2
2025-03-27 08:15:00	7.9	28.6		7.5	10.7	11.2
2025-03-27 08:30:00	7.8	27.7		7.4	10.7	6.6
2025-03-27 08:45:00	7.8	26.2		7.5	10.7	7.0
2025-03-27 09:00:00	7.8	26.4		7.4	10.7	4.4
2025-03-27 09:15:00	7.8	24.4		7.4	10.7	6.3
2025-03-27 09:30:00	7.7	20.3		7.4	10.7	3.9
2025-03-27 09:45:00	7.7	21.4		7.4	10.8	4.1
2025-03-27 10:00:00	7.6	18.4		7.3	10.7	3.0
2025-03-27 10:15:00	7.6	19.8		7.3	10.8	5.7
2025-03-27 10:30:00	7.6	17.5		7.3	10.8	3.0
2025-03-27 10:45:00	7.6	19.3		7.3	10.8	4.8
2025-03-27 11:00:00	7.6	17.1		7.3	10.8	3.7
2025-03-27 11:15:00	7.6	19.4		7.3	10.8	9.9
2025-03-27 11:30:00	7.5	17.5		7.3	10.8	3.2
2025-03-27 11:45:00	7.6	20.9		7.4	10.8	16.4

	East River					
Date/Time	Temperature (ºC)	Specific Conductivity (µS/cm)	ORP (mV)	pH	Dissolved Oxygen (mg/L)	Turbidity (NTU)
2025-03-27 12:00:00	7.6	17.9		7.4	10.8	13.9
2025-03-27 12:15:00	7.6	21.7		7.4	10.7	17.1
2025-03-27 12:30:00	7.5	17.6		7.4	10.8	5.5
2025-03-27 12:45:00	7.5	20.1		7.3	10.8	7.9
2025-03-27 13:00:00	7.4	19.2		7.3	10.8	2.7
2025-03-27 13:15:00	7.4	18.2		7.3	10.8	4.9
2025-03-27 13:30:00	7.4	17.6		7.2	10.8	7.2
2025-03-27 13:45:00	7.3	16.9		7.2	10.9	5.1
2025-03-27 14:00:00	7.3	16.6		7.2	10.9	1.2
2025-03-27 14:15:00	7.3	15.6		7.2	10.9	4.4
2025-03-27 14:30:00	7.3	14.2		7.2	10.9	6.2
2025-03-27 14:45:00	7.3	16.8		7.3	10.9	4.1
2025-03-27 15:00:00	7.3	13.2		7.2	10.9	3.7
2025-03-27 15:15:00	7.3	18.3		7.3	10.8	5.7
2025-03-27 15:30:00	7.4	17.0		7.3	10.9	5.5
2025-03-27 15:45:00	7.4	19.5		7.3	10.9	7.5
2025-03-27 16:00:00	7.4	16.6		7.3	10.8	11.7
2025-03-27 16:15:00	7.3	19.1		7.2	10.8	10.0
2025-03-27 16:30:00	7.3	15.5		7.3	10.8	10.6
2025-03-27 16:45:00	7.3	18.3		7.3	10.9	5.4
2025-03-27 17:00:00	7.4	13.5		7.2	10.8	3.8
2025-03-27 17:15:00	7.4	16.1		7.3	10.8	6.8
2025-03-27 17:30:00	7.4	15.6		7.2	10.8	3.7
2025-03-27 17:45:00	7.5	14.8		7.2	10.9	2.7
2025-03-27 18:00:00	7.5	12.0		7.2	10.8	1.8
2025-03-27 18:15:00	7.5	14.1		7.1	10.8	2.8
2025-03-27 18:30:00	7.5	10.4		7.0	10.8	2.1
2025-03-27 18:45:00	7.6	13.8		7.2	10.8	3.3
2025-03-27 19:00:00	7.6	11.3		7.0	10.8	2.6
2025-03-27 19:15:00	7.6	13.6		7.1	10.8	2.8
2025-03-27 19:30:00	7.8	13.8		7.1	10.8	14.1
2025-03-27 19:45:00	7.8	13.5		7.1	10.8	2.7
2025-03-27 20:00:00	7.9	11.8		7.1	10.7	1.9
2025-03-27 20:15:00	8.0	13.2		7.1	10.7	5.8
2025-03-27 20:30:00	7.9	11.7		7.1	10.7	0.9
2025-03-27 20:45:00	7.9	13.0		7.1	10.7	9.2
2025-03-27 21:00:00	7.9	11.7		7.1	10.7	2.5
2025-03-27 21:15:00	7.8	13.1		7.1	10.7	4.4
2025-03-27 21:30:00	7.8	11.6		7.0	10.7	0.9
2025-03-27 21:45:00	7.7	13.1		7.1	10.7	6.2
2025-03-27 22:00:00		11.8		7.1	10.7	1.9
2025-03-27 22:15:00	7.7	13.3		7.1	10.8	6.2

	East River					
Date/Time	Temperature (ºC)	Specific Conductivity (µS/cm)	ORP (mV)	pH	Dissolved Oxygen (mg/L)	Turbidity (NTU)
2025-03-27 22:30:00	7.8	13.3		7.1	10.7	0.5
2025-03-27 22:45:00	7.7	13.1		7.1	10.8	3.8
2025-03-27 23:00:00	7.7	11.7		7.1	10.7	0.4
2025-03-27 23:15:00	7.7	12.9		7.1	10.7	5.2
2025-03-27 23:30:00	7.8	11.5		7.1	10.7	0.7
2025-03-27 23:45:00	7.8	12.8		7.0	10.7	2.5
2025-03-28 00:00:00	7.8	12.8		7.1	10.7	0.7
2025-03-28 00:15:00	7.8	13.1		7.1	10.7	1.4
2025-03-28 00:30:00	7.7	12.8		7.0	10.7	2.3
2025-03-28 00:45:00	7.7	12.8		7.1	10.7	3.1
2025-03-28 01:00:00	7.7	12.8		7.1	10.7	2.6
2025-03-28 01:15:00	7.7	13.0		7.1	10.7	0.3
2025-03-28 01:30:00	7.7	12.7		7.1	10.7	3.4
2025-03-28 01:45:00	7.6	13.1		7.0	10.7	0.6
2025-03-28 02:00:00	7.6	12.9		7.1	10.8	0.7
2025-03-28 02:15:00	7.6	12.9		7.0	10.7	0.5
2025-03-28 02:30:00	7.6	12.8		7.1	10.7	2.2
2025-03-28 02:45:00	7.6	12.9		7.1	10.7	0.3
2025-03-28 03:00:00	7.5	12.8		7.1	10.7	1.5
2025-03-28 03:15:00	7.5	12.9		7.1	10.7	11.1
2025-03-28 03:30:00	7.5	12.8		7.1	10.7	0.3
2025-03-28 03:45:00	7.5	13.0		7.1	10.7	2.3
2025-03-28 04:00:00	7.5	13.0		7.1	10.7	1.1
2025-03-28 04:15:00	7.5	12.9		7.1	10.7	0.5
2025-03-28 04:30:00	7.4	13.0		7.0	10.7	3.5
2025-03-28 04:45:00	7.4	12.0		7.1	10.7	0.6
2025-03-28 05:00:00	7.4	13.2		7.1	10.7	2.6
2025-03-28 05:15:00	7.4	13.4		7.1	10.7	0.7
2025-03-28 05:30:00	7.4	13.1		7.1	10.8	0.3
2025-03-28 05:45:00	7.4	13.3		7.1	10.7	0.9
2025-03-28 06:00:00	7.4	13.2		7.1	10.8	0.7
2025-03-28 06:15:00	7.4	13.7		7.1	10.7	4.7
2025-03-28 06:30:00	7.4	14.4		7.1	10.8	1.7
2025-03-28 06:45:00	7.4	13.0		7.1	10.7	0.9
2025-03-28 07:00:00	7.4	14.4		7.2	10.8	3.1
2025-03-28 07:15:00	7.4	14.6		7.1	10.8	2.4
2025-03-28 07:30:00	7.3	14.7		7.2	10.8	0.8
2025-03-28 07:45:00	7.3	15.3		7.2	10.8	1.3
2025-03-28 08:00:00	7.3	15.4		7.2	10.8	1.0
2025-03-28 08:15:00	7.3	13.9		7.2	10.8	1.7
2025-03-28 08:30:00	7.3	15.7		7.2	10.8	1.8
2025-03-28 08:45:00	7.3	14.9		7.2	10.8	1.5

	East River					
Date/Time	Temperature (ºC)	Specific Conductivity (µS/cm)	ORP (mV)	pH	Dissolved Oxygen (mg/L)	Turbidity (NTU)
2025-03-28 09:00:00	7.3	17.1		7.3	10.8	5.1
2025-03-28 09:15:00	7.3	17.6		7.2	10.8	3.8
2025-03-28 09:30:00	7.3	17.0		7.2	10.8	1.9
2025-03-28 09:45:00	7.3	16.9		7.2	10.8	1.2
2025-03-28 10:00:00	7.3	16.6		7.2	10.8	0.8
2025-03-28 10:15:00	7.3	16.4		7.2	10.8	2.8
2025-03-28 10:30:00	7.3	16.1		7.2	10.8	2.2
2025-03-28 10:45:00	7.3	16.5		7.2	10.8	1.3
2025-03-28 11:00:00	7.3	16.3		7.2	10.8	4.9
2025-03-28 11:15:00	7.3	14.5		7.2	10.8	1.6
2025-03-28 11:30:00	7.2	16.2		7.2	10.8	1.7
2025-03-28 11:45:00	7.2	14.3		7.2	10.8	1.4
2025-03-28 12:00:00	7.2	16.5		7.2	10.8	1.7
2025-03-28 12:15:00	7.2	15.2		7.3	10.8	1.5
2025-03-28 12:30:00	7.2	17.8		7.3	10.9	3.6
2025-03-28 12:45:00	7.2	15.6		7.3	10.8	3.8
2025-03-28 13:00:00	7.2	17.9		7.3	10.8	8.4
2025-03-28 13:15:00	7.2	15.8		7.3	10.8	2.5
2025-03-28 13:30:00	7.2	18.1		7.3	10.9	5.3
2025-03-28 13:45:00	7.2	16.7		7.3	10.8	5.8
2025-03-28 14:00:00	7.2	18.8		7.3	10.9	5.8
2025-03-28 14:15:00	7.2	16.8		7.3	10.8	4.6
2025-03-28 14:30:00	7.2	19.4		7.3	10.9	4.4
2025-03-28 14:45:00	7.2	17.0		7.3	10.9	2.6
2025-03-28 15:00:00	7.2	18.5		7.2	10.9	3.4
2025-03-28 15:15:00	7.2	17.8		7.3	10.9	4.9
2025-03-28 15:30:00	7.2	15.4		7.3	10.9	1.7
2025-03-28 15:45:00	7.2	16.4		7.3	10.9	1.9
2025-03-28 16:00:00	7.2	14.2		7.2	10.9	2.5
2025-03-28 16:15:00	7.2	15.3		7.2	10.9	3.4
2025-03-28 16:30:00	7.2	13.3		7.2	10.9	2.0
2025-03-28 16:45:00	7.2	14.6		7.2	10.9	5.5
2025-03-28 17:00:00	7.2	12.9		7.2	10.9	2.2
2025-03-28 17:15:00	7.3	14.2		7.2	10.9	3.1
2025-03-28 17:30:00	7.3	12.6		7.2	10.8	1.6
2025-03-28 17:45:00	7.3	13.9		7.2	10.9	4.4
2025-03-28 18:00:00	7.3	12.3		7.2	10.9	1.2
2025-03-28 18:15:00	7.3	13.7		7.1	10.9	3.5
2025-03-28 18:30:00	7.4	12.2		7.1	10.8	0.8
2025-03-28 18:45:00	7.4	13.6		7.2	10.8	4.7
2025-03-28 19:00:00	7.4	12.0		7.2	10.8	1.6
2025-03-28 19:15:00	7.5	13.4		7.2	10.8	4.0

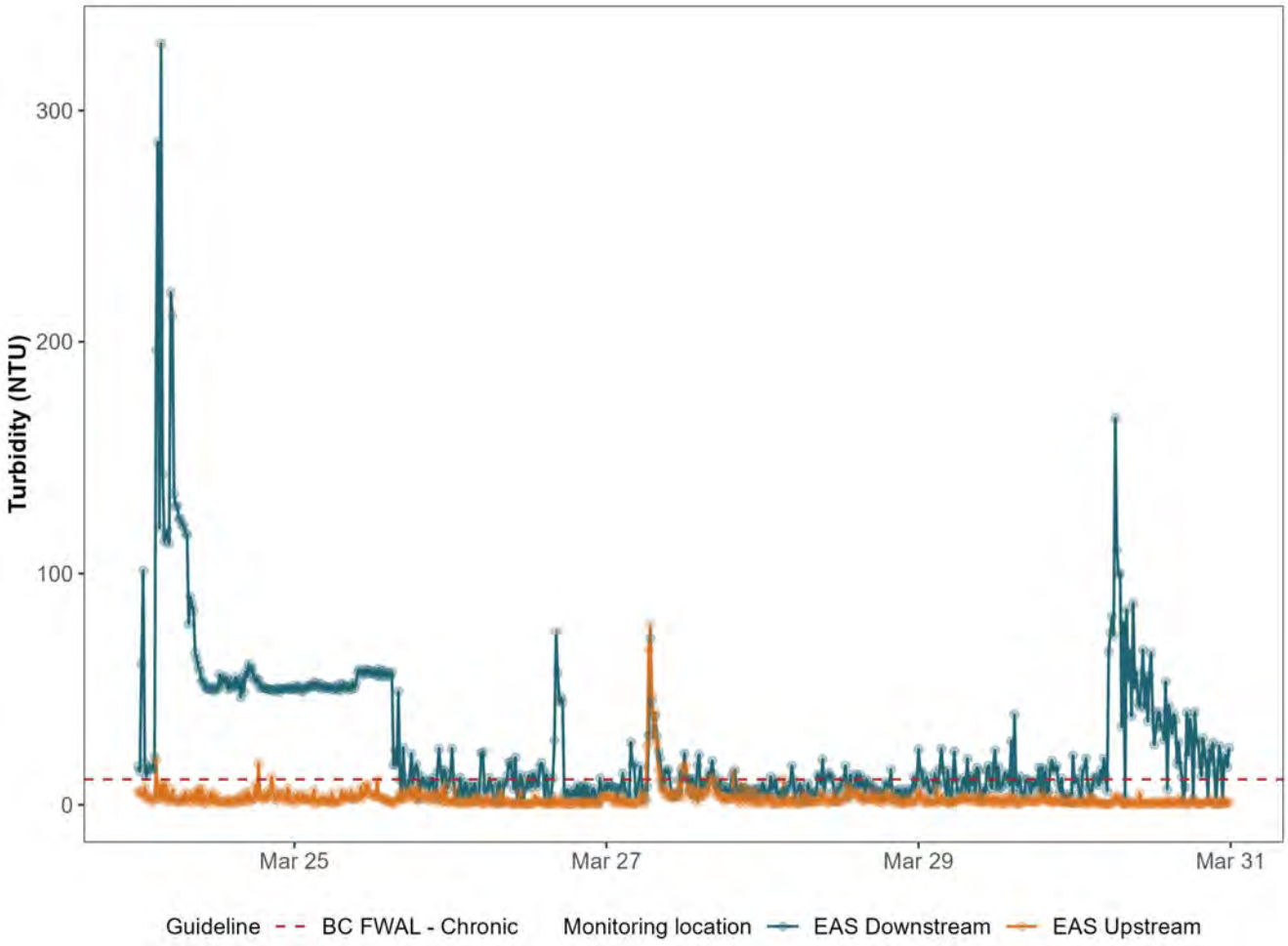
	East River					
Date/Time	Temperature (ºC)	Specific Conductivity (µS/cm)	ORP (mV)	pH	Dissolved Oxygen (mg/L)	Turbidity (NTU)
2025-03-28 19:30:00	7.5	11.8		7.1	10.8	2.2
2025-03-28 19:45:00	7.5	13.2		7.1	10.8	5.4
2025-03-28 20:00:00	7.5	11.6		7.1	10.8	2.6
2025-03-28 20:15:00	7.4	13.1		7.1	10.8	0.8
2025-03-28 20:30:00	7.4	11.8		7.1	10.8	1.6
2025-03-28 20:45:00	7.4	13.1		7.1	10.8	2.7
2025-03-28 21:00:00	7.4	11.6		7.1	10.8	2.0
2025-03-28 21:15:00	7.4	13.3		7.1	10.8	0.7
2025-03-28 21:30:00	7.5	11.7		7.1	10.8	0.4
2025-03-28 21:45:00	7.5	13.1		7.1	10.8	0.9
2025-03-28 22:00:00	7.5	11.7		7.1	10.8	2.0
2025-03-28 22:15:00	7.5	13.0		7.1	10.8	0.8
2025-03-28 22:30:00	7.5	11.9		7.1	10.8	1.1
2025-03-28 22:45:00	7.5	13.6		7.1	10.8	2.8
2025-03-28 23:00:00	7.5	12.5		7.2	10.8	1.1
2025-03-28 23:15:00	7.5	14.1		7.2	10.8	1.0
2025-03-28 23:30:00	7.5	12.8		7.2	10.8	1.4
2025-03-28 23:45:00	7.5	14.6		7.2	10.8	4.9
2025-03-29 00:00:00	7.5	14.3		7.2	10.8	2.6
2025-03-29 00:15:00	7.5	15.9		7.2	10.8	6.3
2025-03-29 00:30:00	7.4	14.5		7.2	10.8	3.1
2025-03-29 00:45:00	7.4	16.6		7.3	10.9	1.4
2025-03-29 01:00:00	7.4	14.8		7.3	10.9	0.8
2025-03-29 01:15:00	7.4	16.5		7.3	10.9	3.5
2025-03-29 01:30:00	7.4	15.1		7.2	10.9	0.5
2025-03-29 01:45:00	7.3	15.9		7.2	10.9	1.0
2025-03-29 02:00:00	7.3	13.6		7.1	10.9	1.1
2025-03-29 02:15:00	7.3	15.3		7.1	10.9	1.8
2025-03-29 02:30:00	7.3	13.7		7.2	10.9	0.8
2025-03-29 02:45:00	7.3	14.8		7.2	10.9	6.9
2025-03-29 03:00:00	7.3	13.1		7.2	10.9	0.7
2025-03-29 03:15:00	7.2	14.7		7.2	10.9	2.4
2025-03-29 03:30:00	7.2	14.6		7.1	10.9	4.0
2025-03-29 03:45:00	7.2	14.2		7.2	10.9	1.7
2025-03-29 04:00:00	7.2	12.6		7.1	10.9	1.8
2025-03-29 04:15:00	7.2	14.0		7.1	10.9	1.1
2025-03-29 04:30:00	7.2	12.2		7.1	10.9	0.5
2025-03-29 04:45:00	7.2	13.7		7.1	11.0	1.5
2025-03-29 05:00:00	7.2	12.3		7.1	10.9	0.7
2025-03-29 05:15:00	7.2	13.4		7.1	10.9	1.5
2025-03-29 05:30:00	7.1	11.9		7.1	10.9	1.1
2025-03-29 05:45:00	7.1	13.3		7.1	10.9	2.4

	East River					
Date/Time	Temperature (ºC)	Specific Conductivity (µS/cm)	ORP (mV)	pH	Dissolved Oxygen (mg/L)	Turbidity (NTU)
2025-03-29 06:00:00	7.1	12.1		7.1	10.9	2.0
2025-03-29 06:15:00	7.1	13.1		7.1	10.9	2.2
2025-03-29 06:30:00	7.1	13.5		7.1	10.9	1.8
2025-03-29 06:45:00	7.1	14.4		7.1	11.0	2.7
2025-03-29 07:00:00	7.1	13.5		7.1	11.0	4.1
2025-03-29 07:15:00	7.1	15.3		7.2	11.0	3.6
2025-03-29 07:30:00	7.1	14.0		7.2	10.9	1.7
2025-03-29 07:45:00	7.1	16.4		7.2	11.0	2.0
2025-03-29 08:00:00	7.1	14.5		7.2	11.0	2.1
2025-03-29 08:15:00	7.1	16.0		7.2	11.0	3.0
2025-03-29 08:30:00	7.1	14.2		7.2	11.0	1.7
2025-03-29 08:45:00	7.1	15.4		7.1	11.0	2.8
2025-03-29 09:00:00	7.1	15.3		7.2	11.0	1.0
2025-03-29 09:15:00	7.1	13.7		7.2	11.0	4.8
2025-03-29 09:30:00	7.1	16.0		7.2	11.0	1.4
2025-03-29 09:45:00	7.1	14.2		7.2	11.0	0.9
2025-03-29 10:00:00	7.1	16.3		7.2	11.0	2.9
2025-03-29 10:15:00	7.1	16.5		7.2	11.0	0.9
2025-03-29 10:30:00	7.1	16.5		7.2	11.0	2.3
2025-03-29 10:45:00	7.1	14.5		7.2	11.0	3.0
2025-03-29 11:00:00	7.1	16.1		7.2	11.0	1.2
2025-03-29 11:15:00	7.0	14.0		7.2	11.0	0.8
2025-03-29 11:30:00	7.0	15.0		7.1	11.0	3.8
2025-03-29 11:45:00	7.0	13.4		7.2	11.0	0.6
2025-03-29 12:00:00	7.0	14.5		7.1	11.0	1.9
2025-03-29 12:15:00	7.0	12.8		7.2	11.0	1.4
2025-03-29 12:30:00	7.0	13.8		7.1	11.0	3.5
2025-03-29 12:45:00	7.0	14.1		7.1	11.0	0.3
2025-03-29 13:00:00	7.0	13.6		7.1	11.0	1.1
2025-03-29 13:15:00	7.0	13.1		7.1	11.0	0.3
2025-03-29 13:30:00	7.0	13.5		7.1	11.0	3.1
2025-03-29 13:45:00	7.0	11.7		7.2	11.0	3.3
2025-03-29 14:00:00	7.0	13.1		7.1	11.0	1.0
2025-03-29 14:15:00	7.0	13.0		7.1	11.0	0.8
2025-03-29 14:30:00	7.0	12.8		7.0	11.0	2.8
2025-03-29 14:45:00	7.0	12.9		7.0	11.0	4.0
2025-03-29 15:00:00	7.0	12.8		7.1	11.1	1.1
2025-03-29 15:15:00	7.0	12.6		7.1	11.0	0.4
2025-03-29 15:30:00	7.0	12.5		7.1	11.0	0.8
2025-03-29 15:45:00	7.0	12.6		7.0	11.0	0.6
2025-03-29 16:00:00	7.0	12.6		7.1	11.0	1.8
2025-03-29 16:15:00	7.0	12.9		7.1	11.0	2.8

	East River					
Date/Time	Temperature (ºC)	Specific Conductivity (µS/cm)	ORP (mV)	pH	Dissolved Oxygen (mg/L)	Turbidity (NTU)
2025-03-29 16:30:00	7.1	13.0		7.1	11.0	2.0
2025-03-29 16:45:00	7.1	11.8		7.1	11.0	1.3
2025-03-29 17:00:00	7.1	12.9		7.1	11.0	1.3
2025-03-29 17:15:00	7.2	13.0		7.1	11.0	2.0
2025-03-29 17:30:00	7.2	12.9		7.1	11.0	1.3
2025-03-29 17:45:00	7.2	11.5		7.1	11.0	2.9
2025-03-29 18:00:00	7.3	12.8		7.1	11.0	1.0
2025-03-29 18:15:00	7.2	12.8		7.0	11.0	1.1
2025-03-29 18:30:00	7.2	12.5		7.1	11.0	2.7
2025-03-29 18:45:00	7.3	11.2		7.1	11.0	2.5
2025-03-29 19:00:00	7.3	12.8		7.1	11.0	5.8
2025-03-29 19:15:00	7.3	11.3		7.1	11.0	1.8
2025-03-29 19:30:00	7.4	12.5		7.1	11.0	2.0
2025-03-29 19:45:00	7.4	11.3		7.1	11.0	2.5
2025-03-29 20:00:00	7.4	12.4		7.1	11.0	2.1
2025-03-29 20:15:00	7.4	11.3		7.1	10.9	1.4
2025-03-29 20:30:00	7.4	12.3		7.1	11.0	1.0
2025-03-29 20:45:00	7.5	11.0		7.1	10.9	1.2
2025-03-29 21:00:00	7.5	12.3		7.1	10.9	3.7
2025-03-29 21:15:00	7.5	10.9		7.1	10.9	1.1
2025-03-29 21:30:00	7.6	12.2		7.1	10.9	1.2
2025-03-29 21:45:00	7.5	12.3		7.1	10.9	2.2
2025-03-29 22:00:00	7.5	12.1		7.1	10.9	0.9
2025-03-29 22:15:00	7.5	12.1		7.1	10.9	1.4
2025-03-29 22:30:00	7.6	12.0		7.1	10.9	0.9
2025-03-29 22:45:00	7.5	12.2		7.1	10.9	3.1
2025-03-29 23:00:00	7.5	12.0		7.1	10.9	1.6
2025-03-29 23:15:00	7.5	10.8		7.1	10.9	0.9
2025-03-29 23:30:00	7.5	12.1		7.1	10.9	0.8
2025-03-29 23:45:00	7.5	12.0		7.1	10.9	2.3
2025-03-30 00:00:00	7.5	12.0		7.1	10.9	0.7
2025-03-30 00:15:00	7.5	12.2		7.1	10.9	0.5
2025-03-30 00:30:00	7.5	12.0		7.1	10.9	1.0
2025-03-30 00:45:00	7.5	12.1		7.1	10.9	1.1
2025-03-30 01:00:00	7.5	11.9		7.1	10.9	1.6
2025-03-30 01:15:00	7.5	12.0		7.0	10.9	1.1
2025-03-30 01:30:00	7.5	11.9		7.1	10.9	0.4
2025-03-30 01:45:00	7.4	12.0		7.0	10.9	0.5
2025-03-30 02:00:00	7.4	11.8		7.0	10.9	1.5
2025-03-30 02:15:00	7.4	12.1		7.1	10.9	3.6
2025-03-30 02:30:00	7.3	11.9		7.1	10.9	0.4
2025-03-30 02:45:00	7.3	12.0		7.0	10.9	3.3

	East River					
Date/Time	Temperature (ºC)	Specific Conductivity (µS/cm)	ORP (mV)	pH	Dissolved Oxygen (mg/L)	Turbidity (NTU)
2025-03-30 03:00:00	7.2	12.0		7.1	11.0	0.6
2025-03-30 03:15:00	7.2	12.1		7.0	10.9	1.4
2025-03-30 03:30:00	7.2	12.0		7.0	11.0	1.4
2025-03-30 03:45:00	7.1	12.0		7.0	11.0	0.4
2025-03-30 04:00:00	7.1	11.9		7.1	11.0	0.5
2025-03-30 04:15:00	7.0	12.0		7.0	11.0	1.2
2025-03-30 04:30:00	7.0	11.9		7.0	11.0	0.2
2025-03-30 04:45:00	7.0	12.0		7.0	11.0	0.3
2025-03-30 05:00:00	7.0	11.9		7.1	11.0	0.6
2025-03-30 05:15:00	6.9	11.9		7.0	11.0	0.3
2025-03-30 05:30:00	6.9	11.9		7.0	11.0	0.6
2025-03-30 05:45:00	6.9	11.9		7.0	11.0	0.5
2025-03-30 06:00:00	6.8	11.8		7.1	11.0	2.2
2025-03-30 06:15:00	6.8	11.8		7.1	11.0	3.8
2025-03-30 06:30:00	6.8	11.8		7.0	11.1	1.5
2025-03-30 06:45:00	6.8	11.8		7.0	11.0	3.8
2025-03-30 07:00:00	6.7	11.7		7.0	11.1	2.2
2025-03-30 07:15:00	6.7	11.9		7.0	11.1	0.4
2025-03-30 07:30:00	6.7	11.5		7.0	11.1	0.4
2025-03-30 07:45:00	6.7	11.8		7.1	11.1	0.3
2025-03-30 08:00:00	6.6	11.8		7.0	11.1	1.0
2025-03-30 08:15:00	6.6	10.6		7.0	11.1	0.3
2025-03-30 08:30:00	6.6	11.7		7.1	11.1	1.2
2025-03-30 08:45:00	6.6	11.7		7.0	11.1	1.4
2025-03-30 09:00:00	6.6	11.6		7.0	11.1	0.3
2025-03-30 09:15:00	6.5	11.8		7.0	11.1	0.7
2025-03-30 09:30:00	6.5	11.7		7.0	11.1	1.0
2025-03-30 09:45:00	6.5	10.4		7.0	11.1	0.2
2025-03-30 10:00:00	6.5	11.6		7.0	11.1	4.9
2025-03-30 10:15:00	6.5	10.5		7.0	11.1	0.2
2025-03-30 10:30:00	6.5	11.7		7.0	11.1	1.0
2025-03-30 10:45:00	6.4	11.7		7.0	11.1	0.9
2025-03-30 11:00:00	6.4	11.5		7.0	11.1	0.4
2025-03-30 11:15:00	6.4	11.7		7.0	11.1	0.6
2025-03-30 11:30:00	6.4	11.5		7.0	11.2	0.6
2025-03-30 11:45:00	6.4	11.6		7.0	11.1	1.6
2025-03-30 12:00:00	6.4	11.5		7.0	11.1	0.7
2025-03-30 12:15:00	6.4	11.7		7.0	11.1	0.2
2025-03-30 12:30:00	6.4	11.3		7.0	11.1	0.5
2025-03-30 12:45:00	6.4	11.7		7.0	11.1	1.0
2025-03-30 13:00:00	6.4	11.5		7.0	11.1	1.4
2025-03-30 13:15:00	6.4	11.5		7.0	11.1	0.9

	East River					
Date/Time	Temperature (ºC)	Specific Conductivity (µS/cm)	ORP (mV)	pH	Dissolved Oxygen (mg/L)	Turbidity (NTU)
2025-03-30 13:30:00	6.4	11.4		7.0	11.1	0.3
2025-03-30 13:45:00	6.3	10.4		7.0	11.1	0.2
2025-03-30 14:00:00	6.3	11.4		7.0	11.2	0.7
2025-03-30 14:15:00	6.3	11.4		7.0	11.1	2.7
2025-03-30 14:30:00	6.3	11.4		7.0	11.2	0.2
2025-03-30 14:45:00	6.3	11.5		7.0	11.1	0.8
2025-03-30 15:00:00	6.4	11.3		7.0	11.1	1.4
2025-03-30 15:15:00	6.4	11.4		7.0	11.1	0.9
2025-03-30 15:30:00	6.4	11.3		7.0	11.2	0.3
2025-03-30 15:45:00	6.4	11.6		7.0	11.1	2.1
2025-03-30 16:00:00	6.5	11.3		7.0	11.1	0.3
2025-03-30 16:15:00	6.5	11.5		7.1	11.1	3.1
2025-03-30 16:30:00	6.6	11.3		7.1	11.1	0.6
2025-03-30 16:45:00	6.7	11.4		7.1	11.1	1.3
2025-03-30 17:00:00	6.7	11.3		7.1	11.0	0.1
2025-03-30 17:15:00	6.8	11.3		7.1	11.0	0.2
2025-03-30 17:30:00	6.9	11.3		7.0	11.1	0.2
2025-03-30 17:45:00	6.9	11.4		7.1	11.0	1.3
2025-03-30 18:00:00	7.0	11.3		7.1	11.0	2.0
2025-03-30 18:15:00	7.1	11.2		7.1	11.0	2.0
2025-03-30 18:30:00	7.2	11.2		7.1	10.9	0.4
2025-03-30 18:45:00	7.3	11.3		7.1	10.9	0.4
2025-03-30 19:00:00	7.4	11.2		7.1	10.9	0.5
2025-03-30 19:15:00	7.5	11.2		7.1	10.8	0.7
2025-03-30 19:30:00	7.6	11.1		7.1	10.8	0.6
2025-03-30 19:45:00	7.6	10.0		7.0	10.8	0.6
2025-03-30 20:00:00	7.7	11.0		7.1	10.8	0.8
2025-03-30 20:15:00	7.8	10.0		7.1	10.7	0.9
2025-03-30 20:30:00	7.8	11.1		7.1	10.8	1.4
2025-03-30 20:45:00	7.8	11.2		7.1	10.7	1.9
2025-03-30 21:00:00	7.9	11.1		7.1	10.7	2.4
2025-03-30 21:15:00	8.0	11.1		7.1	10.7	0.3
2025-03-30 21:30:00	8.0	11.2		7.1	10.7	0.3
2025-03-30 21:45:00	8.0	10.0		7.1	10.6	0.6
2025-03-30 22:00:00	8.1	11.1		6.9	10.6	0.9
2025-03-30 22:15:00	8.1	11.1		7.1	10.6	0.3
2025-03-30 22:30:00	8.1	11.1		7.1	10.6	0.4
2025-03-30 22:45:00	8.1	11.0		7.1	10.6	2.5
2025-03-30 23:00:00	8.1	11.1		7.1	10.6	0.4
2025-03-30 23:15:00	8.2	11.1		7.1	10.6	0.9
2025-03-30 23:30:00	8.1	11.1		7.1	10.6	0.9
2025-03-30 23:45:00	8.1	11.0		7.0	10.6	1.3


Turbidity (NTU)
300
200
100
0
Mar 25
Mar 27
Mar 29
Mar 31
Guideline
BC FWAL - Chronic
Monitoring location
EAS Downstream
EAS Upstream

Lab Documentation

Your P.O. #: 4800010213
Your Project #: FORTIS11234/PE-110163
Site Location: WOODFIBRE PIPELINE PROJECT
Your C.O.C. #: 08548954

Attention: Brett Lucas

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

Report Date: 2025/04/02
Report #: R3642660
Version: 1 - Final

CERTIFICATE OF ANALYSIS

BUREAU VERITAS JOB #: C525678
Received: 2025/03/25, 17:52

Sample Matrix: Water
Samples Received: 7

Analyses	Quantity	Date Extracted	Date Analyzed	Laboratory Method	Analytical Method
Alkalinity @25C (pp, total), CO3,HCO3,OH	7	N/A	2025/03/27	BBY6SOP-00026	SM 24 2320 B m
BTEX/MTBE LH, VH, F1 SIM/MS	1	N/A	2025/03/28	BBY8SOP-00010 / BBY8SOP-00011 / BBY8SOP-00012	BCMOE BCLM Jul 2017
Chloride/Sulphate by Auto Colourimetry	7	N/A	2025/03/26	BBY6SOP-00011 / BBY6SOP-00017	SM24-4500-Cl/SO4-E m
Phenols in Water by GCMS	1	2025/03/27	2025/03/27	BBY8SOP-00025 / BBY8SOP-00054	BCMOE BCLM Jul2017 m
Chromium III (Calc'd)	4	N/A	2025/03/28		
Chromium III (Calc'd)	3	N/A	2025/03/31		
Total Hexavalent Chromium	7	N/A	2025/03/28	BBY6SOP-00054	SM 24 3500-Cr B m
Carbon (DOC) -Lab Filtered (2)	7	N/A	2025/03/27	BBY6SOP-00053	SM 24 5310 B m
Conductivity @25C	7	N/A	2025/03/27	BBY6SOP-00026	SM 24 2510 B m
Fluoride	7	N/A	2025/03/27	BBY6SOP-00037	SM 24 4500-F C m
Glycols in Water by GC/FID (1)	1	N/A	2025/03/31	CAL SOP-00093	BCMOE Glycols 09/17
Sulphide (as H2S) (1)	7	N/A	2025/03/31		Auto Calc
Un-ionized Hydrogen Sulphide as S Calc	5	N/A	2025/03/31	BBY WI-00033	Auto Calc
Hardness Total (calculated as CaCO3) (3)	4	N/A	2025/03/28	BBY WI-00033	Auto Calc
Hardness Total (calculated as CaCO3) (3)	3	N/A	2025/03/31	BBY WI-00033	Auto Calc
Hardness (calculated as CaCO3)	5	N/A	2025/03/28	BBY WI-00033	Auto Calc
Hardness (calculated as CaCO3)	2	N/A	2025/04/02	BBY WI-00033	Auto Calc
Mercury (Dissolved) by CV-Lab Filtered	7	2025/03/28	2025/03/28	BBY7SOP-00032	BCMOE LM 2023 C1.1.3
Mercury (Total) by CV	2	2025/03/28	2025/03/28	BBY7SOP-00032	BCMOE LM 2023 C1.1.3
Mercury (Total) by CV	5	2025/03/31	2025/03/31	BBY7SOP-00032	BCMOE LM 2023 C1.1.3
Bromide as Bromine (Br) by ICPMS	7	N/A	2025/03/27	BBY7SOP-00002	EPA 6020B R2 m
Ion Ratio (Cation sum/Anion sum)	7	N/A	2025/03/28	BBY WI-00033	Auto Calc
Ion Balance	7	N/A	2025/03/28	BBY WI-00033	Auto Calc
EPH in Water when PAH required	1	2025/03/28	2025/03/29	BBY8SOP-00029	BCMOE BCLM Sep2017 m
Na, K, Ca, Mg, S by CRC ICPMS (diss.)	5	N/A	2025/03/28	BBY WI-00033	Auto Calc
Na, K, Ca, Mg, S by CRC ICPMS (diss.)	2	N/A	2025/04/02	BBY WI-00033	Auto Calc
Elements by ICPMS Low Level (lab filter) (4)	5	N/A	2025/03/27	BBY7SOP-00002	EPA 6020b R2 m

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. #: 08548954

Attention: Brett Lucas

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

Report Date: 2025/04/02
Report #: R3642660
Version: 1 - Final

CERTIFICATE OF ANALYSIS

BUREAU VERITAS JOB #: C525678
Received: 2025/03/25, 17:52

Sample Matrix: Water
Samples Received: 7

Analyses	Quantity	Date Extracted	Date Analyzed	Laboratory Method	Analytical Method
Elements by ICPMS Low Level (lab filter) (4)	2	N/A	2025/04/02	BBY7SOP-00002	EPA 6020b R2 m
Elements by ICPMS Digested LL (total)	3	2025/03/28	2025/03/29	BBY7SOP-00003 / BBY7SOP-00002	EPA 6020b R2 m
Na, K, Ca, Mg, S by CRC ICPMS (total)	4	N/A	2025/03/28	BBY WI-00033	Auto Calc
Na, K, Ca, Mg, S by CRC ICPMS (total)	3	N/A	2025/03/31	BBY WI-00033	Auto Calc
Elements by ICPMS Low Level (total)	4	N/A	2025/03/27	BBY7SOP-00002	EPA 6020b R2 m
Nitrogen (Total)	6	N/A	2025/03/28	BBY6SOP-00016	SM 24 4500-N C m
Nitrogen (Total)	1	N/A	2025/03/31	BBY6SOP-00016	SM 24 4500-N C m
Non-Chlorinated Phenols in Water by GCMS	1	2025/03/27	2025/03/27	BBY8SOP-00054	BCMOE BCLM Jul 2017m
Ammonia-N (Total)	7	N/A	2025/03/27	AB SOP-00007	SM 24 4500 NH3 A G m
Nitrate + Nitrite (N)	7	N/A	2025/03/27	BBY6SOP-00010	SM 24 4500-NO3- H m
Nitrite (N) Regular Level Water	7	N/A	2025/03/27	BBY6SOP-00010	SM 24 4500-NO2- m
Nitrogen - Nitrate (as N)	7	N/A	2025/03/28	BBY WI-00033	Auto Calc
PAH in Water by GC/MS (SIM)	1	2025/03/28	2025/03/29	BBY8SOP-00021	BCMOE BCLM Jul2017m
Total LMW, HMW, Total PAH Calc (5)	1	N/A	2025/03/31	BBY WI-00033	Auto Calc
pH @25°C (6)	7	N/A	2025/03/27	BBY6SOP-00026	SM 24 4500-H+ B m
Phenols (Totals) in Water - Calc. (7)	1	N/A	2025/03/28	BBY WI-00033	Auto Calc
Total Sulphide (1)	7	2025/03/31	2025/03/31	AB SOP-00080	SM 24 4500 S2-A D Fm
Total Dissolved Solids (Filt. Residue)	7	2025/03/27	2025/03/28	BBY6SOP-00033	SM 24 2540 C m
EPH less PAH in Water by GC/FID (8)	1	N/A	2025/03/31	BBY WI-00033	Auto Calc
Carbon (Total Organic) (9)	1	N/A	2025/03/27	BBY6SOP-00053	SM 24 5310 B m
Total Phosphorus Low Level Total	7	2025/03/27	2025/03/28	BBY6SOP-00013	SM 24 4500-P E m
Total Suspended Solids (NFR)	7	2025/03/26	2025/03/27	BBY6SOP-00034	SM 24 2540 D m
Field pH	5	N/A	2025/03/27		
Field Temperature	5	N/A	2025/03/27		
Field Conductivity	5	N/A	2025/03/27		
Volatile F1-BTEX (10)	1	N/A	2025/03/31	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.

Your P.O. #: 4800010213
Your Project #: FORTIS11234/PE-110163
Site Location: WOODFIBRE PIPELINE PROJECT
Your C.O.C. #: 08548954

Attention: Brett Lucas

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

Report Date: 2025/04/02
Report #: R3642660
Version: 1 - Final

CERTIFICATE OF ANALYSIS

BUREAU VERITAS JOB #: C525678
Received: 2025/03/25, 17:52

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

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

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

Reference Method suffix “m” indicates test methods incorporate validated modifications from specific reference methods to improve performance.
* RPDs calculated using raw data. The rounding of final results may result in the apparent difference.
(1) This test was performed by Bureau Veritas Calgary, 4000 - 19 St. , Calgary, AB, T2E 6P8
(2) DOC present in the sample should be considered as non-purgeable DOC. Dissolved > Total Imbalance: When applicable, Dissolved and Total results were reviewed and data quality meets acceptable levels unless otherwise noted.
(3) "Total Hardness" was calculated from Total Ca and Mg concentrations and may be biased high (Hardness, or Dissolved Hardness, calculated from Dissolved Ca and Mg, should be used for compliance if available).
(4) Samples were filtered and preserved at the lab. Values may not reflect concentrations at the time of sampling.
For Dissolved > Total Imbalance: When applicable, Dissolved and Total results were reviewed and data quality meets acceptable levels unless otherwise noted.
(5) Total PAHs in Water include: Quinoline, Naphthalene, 1-Methylnaphthalene, 2-Methylnaphthalene, Acenaphthylene, Acenaphthene, Fluorene, Phenanthrene, Anthracene, Acridine, Fluoranthene, Pyrene, Benzo(a)anthracene, Chrysene, Benzo(b&j)fluoranthene, Benzo(k)fluoranthene, Benzo(a)pyrene, Indeno(1,2,3-cd)pyrene, Dibenz(a,h)anthracene, and Benzo(g,h,i)perylene.
(6) The CCME method requires pH to be analysed within 15 minutes of sampling and therefore field analysis is required for compliance. All Laboratory pH analyses in this report are reported past the CCME holding time. Bureau Veritas endeavours to analyze samples as soon as possible after receipt.
(7) Total Phenols include (from BC Lab Manual): Nonchlorinated Phenols [Phenol, 2,4-Dimethylphenol, 2,6-Dimethylphenol, 3,4-Dimethylphenol, 2-Methylphenol (ortho-Cresol), 3-Methylphenol (meta-Cresol), 4-Methylphenol (para-Cresol), 2-Hydroxyphenol (Catechol), 3-Hydroxyphenol (Resorcinol), 4-Hydroxyphenol(Hydroquinone)]; Nitrophenols [2,4-Dinitrophenol, 2-Methyl-4,6-Dinitrophenol, 2-Nitrophenol, 4-Nitrophenol]; Chlorophenols [2-Chlorophenol, 3-Chlorophenol, 4-Chlorophenol, 4-Chloro-3-Methylphenol, 2,3-Dichlorophenol, 2,4-Dichlorophenol, 2,5-Dichlorophenol, 2,6-Dichlorophenol, 3,4-Dichlorophenol, 3,5-Dichlorophenol, 2,3,4-Trichlorophenol, 2,3,5-Trichlorophenol, 2,3,6-Trichlorophenol, 2,4,5-Trichlorophenol, 2,4,6-Trichlorophenol, 3,4,5-Trichlorophenol, 2,3,4,5-Tetrachlorophenol, 2,3,4,6-Tetrachlorophenol, 2,3,5,6-Tetrachlorophenol, Pentachlorophenol].
(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)

Your P.O. #: 4800010213
Your Project #: FORTIS11234/PE-110163
Site Location: WOODFIBRE PIPELINE PROJECT
Your C.O.C. #: 08548954

Attention: Brett Lucas

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

Report Date: 2025/04/02
Report #: R3642660
Version: 1 - Final

CERTIFICATE OF ANALYSIS

BUREAU VERITAS JOB #: C525678
Received: 2025/03/25, 17:52

Encryption Key

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

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

Bureau Veritas Job #: C525678
Report Date: 2025/04/02

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

RESULTS OF CHEMICAL ANALYSES OF WATER

Bureau Veritas ID		DHA096			DHA096			DHA097		
Sampling Date		2025/03/25 10:20			2025/03/25 10:20			2025/03/25 11:15		
COC Number		08548954			08548954			08548954		
	UNITS	WLNG-DS	RDL	QC Batch	WLNG-DS Lab-Dup	RDL	QC Batch	WLNG-EOP	RDL	QC Batch
ANIONS										
Nitrite (N)	mg/L	ND	0.0050	B734480				ND	0.0050	B734480
Calculated Parameters										
Total Chromium III	mg/L	ND	0.00099	B733512				ND	0.00099	B733512
Dissolved Hardness (CaCO3)	mg/L	16.1	0.50	B733033				59.4	0.50	B733033
Total Hardness (CaCO3)	mg/L	15.7	0.50	B732857				57.9	0.50	B732857
Ion Balance (% Difference)	%	8.5	N/A	B733038				0.52	N/A	B733038
Ion Ratio (cation sum / anion sum)	N/A	1.2	0.010	B733035				1.0	0.010	B733035
Nitrate (N)	mg/L	ND	0.020	B732862				ND	0.020	B732862
Sulphide (as H2S)	mg/L	ND	0.0020	B732557				ND	0.0020	B732557
Field Parameters										
Field pH	pH	7.41	N/A	ONSITE				7.33	N/A	ONSITE
Field Temperature	°C	7.7	N/A	ONSITE				7.1	N/A	ONSITE
Field Conductivity	uS/cm	62.5	N/A	ONSITE				47.8	N/A	ONSITE
Misc. Inorganics										
Conductivity	uS/cm	45	2.0	B733761				170	2.0	B733761
pH	pH	7.50	N/A	B733746				7.41	N/A	B733746
Total Organic Carbon (C)	mg/L							1.1	0.50	B733622
Total Dissolved Solids	mg/L	32	10	B734426				100	10	B734426
Total Suspended Solids	mg/L	4.4	1.0	B733765				20	1.0	B733765
Lab Filtered Inorganics										
Dissolved Organic Carbon (C)	mg/L	2.7	0.50	B734235				0.96	0.50	B734235
Anions										
Alkalinity (PP as CaCO3)	mg/L	ND	1.0	B733762				ND	1.0	B733762
Alkalinity (Total as CaCO3)	mg/L	13	1.0	B733762				45	1.0	B733762
Bicarbonate (HCO3)	mg/L	16	1.0	B733762				55	1.0	B733762
Carbonate (CO3)	mg/L	ND	1.0	B733762				ND	1.0	B733762
Dissolved Fluoride (F)	mg/L	ND	0.050	B733801				0.15	0.050	B733801

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 #: C525678
Report Date: 2025/04/02

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

RESULTS OF CHEMICAL ANALYSES OF WATER

Bureau Veritas ID		DHA096			DHA096			DHA097		
Sampling Date		2025/03/25 10:20			2025/03/25 10:20			2025/03/25 11:15		
COC Number		08548954			08548954			08548954		
	UNITS	WLNG-DS	RDL	QC Batch	WLNG-DS Lab-Dup	RDL	QC Batch	WLNG-EOP	RDL	QC Batch
Hydroxide (OH)	mg/L	ND	1.0	B733762				ND	1.0	B733762
Total Sulphide	mg/L	ND	0.0018	B737466				ND	0.0018	B737466
Chloride (Cl)	mg/L	2.2	1.0	B733717				19	1.0	B733717
Sulphate (SO4)	mg/L	2.4	1.0	B733717				7.4	1.0	B733717
Metals										
Total Hex. Chromium (Cr 6+)	mg/L	0.0036	0.00099	B735655	0.0044	0.00099	B735655	0.0016	0.00099	B735655
Nutrients										
Total Ammonia (N)	mg/L	ND	0.015	B733777				0.039	0.015	B733777
Total Phosphorus (P)	mg/L	0.11	0.0010	B734280				0.011	0.0010	B734280
Nitrate plus Nitrite (N)	mg/L	ND	0.020	B734483				ND	0.020	B734483
Total Nitrogen (N)	mg/L	0.183	0.020	B733601				0.269	0.020	B733601

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 #: C525678
Report Date: 2025/04/02

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

RESULTS OF CHEMICAL ANALYSES OF WATER

Bureau Veritas ID		DHA097			DHA098		DHA099		
Sampling Date		2025/03/25 11:15			2025/03/25 11:25		2025/03/25 14:35		
COC Number		08548954			08548954		08548954		
	UNITS	WLNG-EOP Lab-Dup	RDL	QC Batch	WLNG-US	QC Batch	SQRI-US	RDL	QC Batch
ANIONS									
Nitrite (N)	mg/L				ND	B734480	ND	0.0050	B734480
Calculated Parameters									
Total Chromium III	mg/L				ND	B733512	ND	0.00099	B733512
Dissolved Hardness (CaCO3)	mg/L				10.5	B733033	15.1	0.50	B738938
Total Hardness (CaCO3)	mg/L				9.10	B732857	13.3	0.50	B732857
Ion Balance (% Difference)	%				29	B733038	5.2	N/A	B733038
Ion Ratio (cation sum / anion sum)	N/A				NC	B733035	NC	0.010	B733035
Nitrate (N)	mg/L				0.036	B732862	0.098	0.020	B732862
Sulphide (as H2S)	mg/L				ND	B732557	ND	0.0020	B732557
Field Parameters									
Field pH	pH				7.12	ONSITE	7.37	N/A	ONSITE
Field Temperature	°C				10.6	ONSITE	7.9	N/A	ONSITE
Field Conductivity	uS/cm				162.6	ONSITE	43.0	N/A	ONSITE
Misc. Inorganics									
Conductivity	uS/cm				28	B733761	41	2.0	B733761
pH	pH				6.70	B733746	6.56	N/A	B733746
Total Dissolved Solids	mg/L				18	B734426	26	10	B734426
Total Suspended Solids	mg/L	20	1.0	B733765	2.4	B733765	8.0	1.0	B733765
Lab Filtered Inorganics									
Dissolved Organic Carbon (C)	mg/L				3.5	B734235	2.8	0.50	B734235
Anions									
Alkalinity (PP as CaCO3)	mg/L				ND	B733762	ND	1.0	B733762
Alkalinity (Total as CaCO3)	mg/L				8.2	B733762	12	1.0	B733762
Bicarbonate (HCO3)	mg/L				10	B733762	15	1.0	B733762
Carbonate (CO3)	mg/L				ND	B733762	ND	1.0	B733762
Dissolved Fluoride (F)	mg/L				ND	B733801	ND	0.050	B733801
Hydroxide (OH)	mg/L				ND	B733762	ND	1.0	B733762

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 #: C525678
Report Date: 2025/04/02

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

RESULTS OF CHEMICAL ANALYSES OF WATER

Bureau Veritas ID		DHA097			DHA098		DHA099		
Sampling Date		2025/03/25 11:15			2025/03/25 11:25		2025/03/25 14:35		
COC Number		08548954			08548954		08548954		
	UNITS	WLNG-EOP Lab-Dup	RDL	QC Batch	WLNG-US	QC Batch	SQRI-US	RDL	QC Batch
Total Sulphide	mg/L				ND	B737466	ND	0.0018	B737466
Chloride (Cl)	mg/L				ND	B733717	ND	1.0	B733717
Sulphate (SO4)	mg/L				ND	B733717	2.8	1.0	B733717
Metals									
Total Hex. Chromium (Cr 6+)	mg/L				0.0014	B735655	0.0016	0.00099	B735655
Nutrients									
Total Ammonia (N)	mg/L				ND	B733777	ND	0.015	B733777
Total Phosphorus (P)	mg/L				0.25	B734280	0.028	0.0010	B734280
Nitrate plus Nitrite (N)	mg/L				0.036	B734483	0.098	0.020	B734483
Total Nitrogen (N)	mg/L				0.205	B733609	0.240	0.020	B733609

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 #: C525678
Report Date: 2025/04/02

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

RESULTS OF CHEMICAL ANALYSES OF WATER

Bureau Veritas ID		DHA099			DHA100			DHA101		
Sampling Date		2025/03/25 14:35			2025/03/25 14:57			2025/03/25 14:45		
COC Number		08548954			08548954			08548954		
	UNITS	SQRI-US Lab-Dup	RDL	QC Batch	SQRI-DS	RDL	QC Batch	SQRI-DS-FIELD BLANK	RDL	QC Batch
ANIONS										
Nitrite (N)	mg/L				ND	0.0050	B734480	ND	0.0050	B734480
Calculated Parameters										
Total Chromium III	mg/L				ND	0.00099	B733512	ND	0.00099	B733512
Dissolved Hardness (CaCO3)	mg/L				15.1	0.50	B738938	ND	0.50	B733033
Total Hardness (CaCO3)	mg/L				13.4	0.50	B732857	ND	0.50	B732857
Ion Balance (% Difference)	%				5.0	N/A	B733038	NC	N/A	B733038
Ion Ratio (cation sum / anion sum)	N/A				NC	0.010	B733035	NC	0.010	B733035
Nitrate (N)	mg/L				0.086	0.020	B732862	ND	0.020	B732862
Sulphide (as H2S)	mg/L				ND	0.0020	B732557	ND	0.0020	B732557
Field Parameters										
Field pH	pH				7.30	N/A	ONSITE			
Field Temperature	°C				6.8	N/A	ONSITE			
Field Conductivity	uS/cm				35.0	N/A	ONSITE			
Misc. Inorganics										
Conductivity	uS/cm				41	2.0	B733761	ND	2.0	B733761
pH	pH				6.67	N/A	B733746	5.80	N/A	B733746
Total Dissolved Solids	mg/L				20	10	B734426	ND	10	B734426
Total Suspended Solids	mg/L				8.8	1.0	B733765	ND	1.0	B733765
Lab Filtered Inorganics										
Dissolved Organic Carbon (C)	mg/L				2.7	0.50	B734235	ND	0.50	B734235
Anions										
Alkalinity (PP as CaCO3)	mg/L				ND	1.0	B733762	ND	1.0	B733762
Alkalinity (Total as CaCO3)	mg/L				13	1.0	B733762	ND	1.0	B733762
Bicarbonate (HCO3)	mg/L				16	1.0	B733762	ND	1.0	B733762
Carbonate (CO3)	mg/L				ND	1.0	B733762	ND	1.0	B733762
Dissolved Fluoride (F)	mg/L	ND	0.050	B733801	ND	0.050	B733801	ND	0.050	B733801
Hydroxide (OH)	mg/L				ND	1.0	B733762	ND	1.0	B733762

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 #: C525678
Report Date: 2025/04/02

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

RESULTS OF CHEMICAL ANALYSES OF WATER

Bureau Veritas ID		DHA099			DHA100			DHA101		
Sampling Date		2025/03/25 14:35			2025/03/25 14:57			2025/03/25 14:45		
COC Number		08548954			08548954			08548954		
	UNITS	SQRI-US Lab-Dup	RDL	QC Batch	SQRI-DS	RDL	QC Batch	SQRI-DS-FIELD BLANK	RDL	QC Batch
Total Sulphide	mg/L				ND	0.0018	B737466	ND	0.0018	B737466
Chloride (Cl)	mg/L				ND	1.0	B733717	ND	1.0	B733717
Sulphate (SO4)	mg/L				2.9	1.0	B733717	ND	1.0	B733717
Metals										
Total Hex. Chromium (Cr 6+)	mg/L				ND	0.00099	B735655	ND	0.00099	B735655
Nutrients										
Total Ammonia (N)	mg/L				ND	0.015	B733777	ND	0.015	B733777
Total Phosphorus (P)	mg/L				0.026	0.0010	B734280	ND	0.0010	B734280
Nitrate plus Nitrite (N)	mg/L				0.086	0.020	B734483	ND	0.020	B734483
Total Nitrogen (N)	mg/L				0.277	0.020	B733609	0.056	0.020	B733609

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

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

RESULTS OF CHEMICAL ANALYSES OF WATER

Bureau Veritas ID		DHA102			DHA102		
Sampling Date		2025/03/25			2025/03/25		
COC Number		08548954			08548954		
	UNITS	TRIP BLANK	RDL	QC Batch	TRIP BLANK Lab-Dup	RDL	QC Batch
ANIONS							
Nitrite (N)	mg/L	ND	0.0050	B734480			
Calculated Parameters							
Total Chromium III	mg/L	ND	0.00099	B733512			
Dissolved Hardness (CaCO3)	mg/L	ND	0.50	B733033			
Total Hardness (CaCO3)	mg/L	ND	0.50	B732857			
Ion Balance (% Difference)	%	NC	N/A	B733038			
Ion Ratio (cation sum / anion sum)	N/A	NC	0.010	B733035			
Nitrate (N)	mg/L	ND	0.020	B732862			
Sulphide (as H2S)	mg/L	ND	0.0020	B732557			
Misc. Inorganics							
Conductivity	uS/cm	ND	2.0	B733761			
pH	pH	5.60	N/A	B733746			
Total Dissolved Solids	mg/L	ND	10	B734426			
Total Suspended Solids	mg/L	ND	1.0	B733765			
Lab Filtered Inorganics							
Dissolved Organic Carbon (C)	mg/L	ND	0.50	B734235	ND	0.50	B734235
Anions							
Alkalinity (PP as CaCO3)	mg/L	ND	1.0	B733762			
Alkalinity (Total as CaCO3)	mg/L	ND	1.0	B733762			
Bicarbonate (HCO3)	mg/L	ND	1.0	B733762			
Carbonate (CO3)	mg/L	ND	1.0	B733762			
Dissolved Fluoride (F)	mg/L	ND	0.050	B733801			
Hydroxide (OH)	mg/L	ND	1.0	B733762			
Total Sulphide	mg/L	ND	0.0018	B737466			
Chloride (Cl)	mg/L	ND	1.0	B733717			
Sulphate (SO4)	mg/L	ND	1.0	B733717			

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 #: C525678
Report Date: 2025/04/02

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

RESULTS OF CHEMICAL ANALYSES OF WATER

Bureau Veritas ID		DHA102			DHA102		
Sampling Date		2025/03/25			2025/03/25		
COC Number		08548954			08548954		
	UNITS	**TRIP BLANK**	**RDL**	**QC Batch**	**TRIP BLANK Lab-Dup**	**RDL**	**QC Batch**
Metals							
Total Hex. Chromium (Cr 6+)	mg/L	ND	0.00099	B735655	0.0023	0.00099	B735655
Nutrients							
Total Ammonia (N)	mg/L	ND	0.015	B733777			
Total Phosphorus (P)	mg/L	ND	0.0010	B734280			
Nitrate plus Nitrite (N)	mg/L	ND	0.020	B734483			
Total Nitrogen (N)	mg/L	0.072	0.020	B737333	0.067	0.020	B737333

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

GLYCOLS BY GC-FID (WATER)

Bureau Veritas ID		DHA097		
Sampling Date		2025/03/25 11:15		
COC Number		08548954		
	UNITS	**WLNG-EOP**	**RDL**	**QC Batch**
Glycols				
Ethylene Glycol	mg/L	ND	3.0	B737215
Diethylene Glycol	mg/L	ND	5.0	B737215
Triethylene Glycol	mg/L	ND	5.0	B737215
Propylene Glycol	mg/L	ND	5.0	B737215
Surrogate Recovery (%)				
Methyl Sulfone (sur.)	%	92		B737215

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

MERCURY BY COLD VAPOR (WATER)

Bureau Veritas ID		DHA096			DHA096			DHA097		
Sampling Date		2025/03/25 10:20			2025/03/25 10:20			2025/03/25 11:15		
COC Number		08548954			08548954			08548954		
	UNITS	WLNG-DS	RDL	QC Batch	WLNG-DS Lab-Dup	RDL	QC Batch	WLNG-EOP	RDL	QC Batch
Elements										
Total Mercury (Hg)	ug/L	0.0027	0.0019	B735833	0.0026	0.0019	B735833	ND	0.0019	B735833
Lab Filtered Elements										
Dissolved Mercury (Hg)	ug/L	0.0021	0.0019	B736244				ND	0.0019	B736244

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

Bureau Veritas ID		DHA098			DHA098			DHA099	DHA100		
Sampling Date		2025/03/25 11:25			2025/03/25 11:25			2025/03/25 14:35	2025/03/25 14:57		
COC Number		08548954			08548954			08548954	08548954		
	UNITS	WLNG-US	RDL	QC Batch	WLNG-US Lab-Dup	RDL	QC Batch	SQRI-US	SQRI-DS	RDL	QC Batch
Elements											
Total Mercury (Hg)	ug/L	0.0031	0.0019	B737824	0.0029	0.0019	B737824	0.0020	0.0020	0.0019	B737824
Lab Filtered Elements											
Dissolved Mercury (Hg)	ug/L	0.0027	0.0019	B736244				0.0020	ND	0.0019	B736244

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

Bureau Veritas ID		DHA101	DHA102		
Sampling Date		2025/03/25 14:45	2025/03/25		
COC Number		08548954	08548954		
	UNITS	SQRI-DS-FIELD BLANK	TRIP BLANK	RDL	QC Batch
Elements					
Total Mercury (Hg)	ug/L	ND	ND	0.0019	B737824
Lab Filtered Elements					
Dissolved Mercury (Hg)	ug/L	ND	ND	0.0019	B736244

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		DHA096			DHA096			DHA097		
Sampling Date		2025/03/25 10:20			2025/03/25 10:20			2025/03/25 11:15		
COC Number		08548954			08548954			08548954		
	UNITS	WLNG-DS	RDL	QC Batch	WLNG-DS Lab-Dup	RDL	QC Batch	WLNG-EOP	RDL	QC Batch
ANIONS										
Bromide (Br)	mg/L	ND	0.010	B734692				ND	0.010	B734692
Dissolved Metals by ICPMS										
Dissolved Calcium (Ca)	mg/L	5.62	0.050	B733044				22.0	0.050	B733044
Dissolved Magnesium (Mg)	mg/L	0.500	0.050	B733044				1.07	0.050	B733044
Dissolved Potassium (K)	mg/L	0.493	0.050	B733044				1.83	0.050	B733044
Dissolved Sodium (Na)	mg/L	2.21	0.050	B733044				8.28	0.050	B733044
Dissolved Sulphur (S)	mg/L	ND	3.0	B733044				ND	3.0	B733044
Lab Filtered Metals										
Dissolved Aluminum (Al)	ug/L	89.8	0.50	B734270	89.3	0.50	B734270	33.8	0.50	B734270
Dissolved Antimony (Sb)	ug/L	0.096	0.020	B734270	0.092	0.020	B734270	0.733	0.020	B734270
Dissolved Arsenic (As)	ug/L	0.287	0.020	B734270	0.289	0.020	B734270	0.366	0.020	B734270
Dissolved Barium (Ba)	ug/L	3.84	0.020	B734270	3.78	0.020	B734270	7.04	0.020	B734270
Dissolved Beryllium (Be)	ug/L	ND	0.010	B734270	ND	0.010	B734270	ND	0.010	B734270
Dissolved Bismuth (Bi)	ug/L	ND	0.0050	B734270	ND	0.0050	B734270	ND	0.0050	B734270
Dissolved Boron (B)	ug/L	ND	10	B734270	ND	10	B734270	18	10	B734270
Dissolved Cadmium (Cd)	ug/L	0.0089	0.0050	B734270	0.0079	0.0050	B734270	0.0115	0.0050	B734270
Dissolved Cesium (Cs)	ug/L	ND	0.050	B734270	ND	0.050	B734270	ND	0.050	B734270
Dissolved Chromium (Cr)	ug/L	ND	0.10	B734270	ND	0.10	B734270	ND	0.10	B734270
Dissolved Cobalt (Co)	ug/L	0.0369	0.0050	B734270	0.0397	0.0050	B734270	0.0303	0.0050	B734270
Dissolved Copper (Cu)	ug/L	0.829	0.050	B734270	0.807	0.050	B734270	0.113	0.050	B734270
Dissolved Iron (Fe)	ug/L	16.0	1.0	B734270	15.5	1.0	B734270	ND	1.0	B734270
Dissolved Lead (Pb)	ug/L	0.0166	0.0050	B734270	0.0177	0.0050	B734270	ND	0.0050	B734270
Dissolved Lithium (Li)	ug/L	0.81	0.50	B734270	0.74	0.50	B734270	4.25	0.50	B734270
Dissolved Manganese (Mn)	ug/L	1.89	0.050	B734270	1.93	0.050	B734270	7.24	0.050	B734270
Dissolved Molybdenum (Mo)	ug/L	3.51	0.050	B734270	3.49	0.050	B734270	19.8	0.050	B734270
Dissolved Nickel (Ni)	ug/L	0.390	0.020	B734270	0.388	0.020	B734270	0.099	0.020	B734270
Dissolved Phosphorus (P)	ug/L	75.3	2.0	B734270	74.2	2.0	B734270	2.5	2.0	B734270
Dissolved Rubidium (Rb)	ug/L	0.702	0.050	B734270	0.696	0.050	B734270	2.95	0.050	B734270
Dissolved Selenium (Se)	ug/L	ND	0.040	B734270	ND	0.040	B734270	0.046	0.040	B734270
Dissolved Silicon (Si)	ug/L	3130	50	B734270	3000	50	B734270	4500	50	B734270

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

ELEMENTS BY ATOMIC SPECTROSCOPY (WATER)

Bureau Veritas ID		DHA096			DHA096			DHA097		
Sampling Date		2025/03/25 10:20			2025/03/25 10:20			2025/03/25 11:15		
COC Number		08548954			08548954			08548954		
	UNITS	WLNG-DS	RDL	QC Batch	WLNG-DS Lab-Dup	RDL	QC Batch	WLNG-EOP	RDL	QC Batch
Dissolved Silver (Ag)	ug/L	ND	0.0050	B734270	ND	0.0050	B734270	ND	0.0050	B734270
Dissolved Strontium (Sr)	ug/L	15.5	0.050	B734270	15.6	0.050	B734270	43.9	0.050	B734270
Dissolved Tellurium (Te)	ug/L	ND	0.020	B734270	ND	0.020	B734270	ND	0.020	B734270
Dissolved Thallium (Tl)	ug/L	0.0029	0.0020	B734270	0.0040	0.0020	B734270	0.0080	0.0020	B734270
Dissolved Thorium (Th)	ug/L	0.0101	0.0050	B734270	0.0116	0.0050	B734270	ND	0.0050	B734270
Dissolved Tin (Sn)	ug/L	ND	0.20	B734270	ND	0.20	B734270	ND	0.20	B734270
Dissolved Titanium (Ti)	ug/L	0.55	0.50	B734270	ND	0.50	B734270	ND	0.50	B734270
Dissolved Uranium (U)	ug/L	0.199	0.0020	B734270	0.206	0.0020	B734270	0.371	0.0020	B734270
Dissolved Vanadium (V)	ug/L	0.22	0.20	B734270	ND	0.20	B734270	ND	0.20	B734270
Dissolved Zinc (Zn)	ug/L	1.97	0.10	B734270	1.87	0.10	B734270	1.88	0.10	B734270
Dissolved Zirconium (Zr)	ug/L	ND	0.10	B734270	ND	0.10	B734270	ND	0.10	B734270
Total Metals by ICPMS										
Total Aluminum (Al)	ug/L	260 (1)	0.50	B734434	257	0.50	B734434	759	0.50	B734434
Total Antimony (Sb)	ug/L	0.099	0.020	B734434	0.102	0.020	B734434	0.760	0.020	B734434
Total Arsenic (As)	ug/L	0.332	0.020	B734434	0.341	0.020	B734434	0.721	0.020	B734434
Total Barium (Ba)	ug/L	4.70	0.020	B734434	4.71	0.020	B734434	9.87	0.020	B734434
Total Beryllium (Be)	ug/L	ND	0.010	B734434	0.011	0.010	B734434	ND	0.010	B734434
Total Bismuth (Bi)	ug/L	ND	0.0050	B734434	0.0052	0.0050	B734434	ND	0.0050	B734434
Total Boron (B)	ug/L	ND	10	B734434	ND	10	B734434	15	10	B734434
Total Cadmium (Cd)	ug/L	0.0090	0.0050	B734434	0.0090	0.0050	B734434	0.0135	0.0050	B734434
Total Cesium (Cs)	ug/L	ND	0.050	B734434	ND	0.050	B734434	0.066	0.050	B734434
Total Chromium (Cr)	ug/L	ND	0.10	B734434	0.11	0.10	B734434	0.18	0.10	B734434
Total Cobalt (Co)	ug/L	0.0587	0.0050	B734434	0.0592	0.0050	B734434	0.0843	0.0050	B734434
Total Copper (Cu)	ug/L	1.01	0.050	B734434	1.03	0.050	B734434	0.459	0.050	B734434
Total Iron (Fe)	ug/L	93.7	1.0	B734434	92.6	1.0	B734434	237	1.0	B734434
Total Lead (Pb)	ug/L	0.0716	0.0050	B734434	0.0720	0.0050	B734434	0.127	0.0050	B734434
Total Lithium (Li)	ug/L	0.81	0.50	B734434	0.68	0.50	B734434	3.73	0.50	B734434
Total Manganese (Mn)	ug/L	4.17	0.050	B734434	4.15	0.050	B734434	13.1	0.050	B734434
Total Molybdenum (Mo)	ug/L	3.35	0.050	B734434	3.32	0.050	B734434	19.6	0.050	B734434
Total Nickel (Ni)	ug/L	0.400	0.020	B734434	0.415	0.020	B734434	0.143	0.020	B734434

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

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

ELEMENTS BY ATOMIC SPECTROSCOPY (WATER)

Bureau Veritas ID		DHA096			DHA096			DHA097		
Sampling Date		2025/03/25 10:20			2025/03/25 10:20			2025/03/25 11:15		
COC Number		08548954			08548954			08548954		
	UNITS	WLNG-DS	RDL	QC Batch	WLNG-DS Lab-Dup	RDL	QC Batch	WLNG-EOP	RDL	QC Batch
Total Phosphorus (P)	ug/L	89.7	2.0	B734434	89.9	2.0	B734434	8.2	2.0	B734434
Total Rubidium (Rb)	ug/L	0.829	0.050	B734434	0.859	0.050	B734434	3.62	0.050	B734434
Total Selenium (Se)	ug/L	ND	0.040	B734434	ND	0.040	B734434	0.047	0.040	B734434
Total Silicon (Si)	ug/L	3240	50	B734434	3260	50	B734434	4950	50	B734434
Total Silver (Ag)	ug/L	ND	0.0050	B734434	ND	0.0050	B734434	ND	0.0050	B734434
Total Strontium (Sr)	ug/L	15.0	0.050	B734434	14.9	0.050	B734434	41.5	0.050	B734434
Total Tellurium (Te)	ug/L	ND	0.020	B734434	ND	0.020	B734434	ND	0.020	B734434
Total Thallium (Tl)	ug/L	0.0042	0.0020	B734434	0.0038	0.0020	B734434	0.0122	0.0020	B734434
Total Thorium (Th)	ug/L	ND	0.050	B734434	ND	0.050	B734434	ND	0.050	B734434
Total Tin (Sn)	ug/L	ND	0.20	B734434	ND	0.20	B734434	ND	0.20	B734434
Total Titanium (Ti)	ug/L	4.35	0.50	B734434	4.69	0.50	B734434	13.9	0.50	B734434
Total Uranium (U)	ug/L	0.327	0.0020	B734434	0.324	0.0020	B734434	1.26	0.0020	B734434
Total Vanadium (V)	ug/L	0.33	0.20	B734434	0.37	0.20	B734434	0.45	0.20	B734434
Total Zinc (Zn)	ug/L	2.77	0.10	B734434	2.76	0.10	B734434	3.80	0.10	B734434
Total Zirconium (Zr)	ug/L	ND	0.10	B734434	ND	0.10	B734434	ND	0.10	B734434
Total Calcium (Ca)	mg/L	5.49	0.050	B733047				21.5	0.050	B733047
Total Magnesium (Mg)	mg/L	0.487	0.050	B733047				1.01	0.050	B733047
Total Potassium (K)	mg/L	0.488	0.050	B733047				1.85	0.050	B733047
Total Sodium (Na)	mg/L	2.07	0.050	B733047				7.49	0.050	B733047
Total Sulphur (S)	mg/L	ND	3.0	B733047				ND	3.0	B733047

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

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

ELEMENTS BY ATOMIC SPECTROSCOPY (WATER)

Bureau Veritas ID		DHA098		DHA099	DHA100			DHA101		
Sampling Date		2025/03/25 11:25		2025/03/25 14:35	2025/03/25 14:57			2025/03/25 14:45		
COC Number		08548954		08548954	08548954			08548954		
	UNITS	WLNG-US	QC Batch	SQRI-US	SQRI-DS	RDL	QC Batch	SQRI-DS-FIELD BLANK	RDL	QC Batch
ANIONS										
Bromide (Br)	mg/L	ND	B734692	ND	ND	0.010	B734692	ND	0.010	B734692
Dissolved Metals by ICPMS										
Dissolved Calcium (Ca)	mg/L	3.18	B733044	5.11	5.16	0.050	B738942	ND	0.050	B733044
Dissolved Magnesium (Mg)	mg/L	0.625	B733044	0.561	0.545	0.050	B738942	ND	0.050	B733044
Dissolved Potassium (K)	mg/L	0.462	B733044	0.405	0.408	0.050	B738942	ND	0.050	B733044
Dissolved Sodium (Na)	mg/L	1.45	B733044	1.81	1.93	0.050	B738942	ND	0.050	B733044
Dissolved Sulphur (S)	mg/L	ND	B733044	ND	ND	3.0	B738942	ND	3.0	B733044
Lab Filtered Metals										
Dissolved Aluminum (Al)	ug/L	122	B734270	54.1	53.5	0.50	B740613	ND	0.50	B734270
Dissolved Antimony (Sb)	ug/L	0.071	B734270	ND	ND	0.020	B740613	ND	0.020	B734270
Dissolved Arsenic (As)	ug/L	0.487	B734270	0.094	0.098	0.020	B740613	ND	0.020	B734270
Dissolved Barium (Ba)	ug/L	3.29	B734270	6.25	6.46	0.020	B740613	ND	0.020	B734270
Dissolved Beryllium (Be)	ug/L	ND	B734270	ND	ND	0.010	B740613	ND	0.010	B734270
Dissolved Bismuth (Bi)	ug/L	0.0117	B734270	ND	ND	0.0050	B740613	ND	0.0050	B734270
Dissolved Boron (B)	ug/L	ND	B734270	ND	ND	10	B740613	ND	10	B734270
Dissolved Cadmium (Cd)	ug/L	0.0088	B734270	0.0060	ND	0.0050	B740613	ND	0.0050	B734270
Dissolved Cesium (Cs)	ug/L	ND	B734270	ND	ND	0.050	B740613	ND	0.050	B734270
Dissolved Chromium (Cr)	ug/L	ND	B734270	ND	ND	0.10	B740613	ND	0.10	B734270
Dissolved Cobalt (Co)	ug/L	0.0616	B734270	0.0218	0.0150	0.0050	B740613	ND	0.0050	B734270
Dissolved Copper (Cu)	ug/L	1.60	B734270	0.812	0.799	0.050	B740613	ND	0.050	B734270
Dissolved Iron (Fe)	ug/L	28.2	B734270	54.1	46.5	1.0	B740613	ND	1.0	B734270
Dissolved Lead (Pb)	ug/L	0.0417	B734270	0.0076	0.0071	0.0050	B740613	ND	0.0050	B734270
Dissolved Lithium (Li)	ug/L	ND	B734270	0.52	0.60	0.50	B740613	ND	0.50	B734270
Dissolved Manganese (Mn)	ug/L	1.41	B734270	2.14	1.39	0.050	B740613	ND	0.050	B734270
Dissolved Molybdenum (Mo)	ug/L	0.611	B734270	0.444	0.441	0.050	B740613	ND	0.050	B734270
Dissolved Nickel (Ni)	ug/L	0.566	B734270	0.108	0.112	0.020	B740613	ND	0.020	B734270
Dissolved Phosphorus (P)	ug/L	225	B734270	7.7	4.3	2.0	B740613	ND	2.0	B734270
Dissolved Rubidium (Rb)	ug/L	0.425	B734270	0.594	0.625	0.050	B740613	ND	0.050	B734270
Dissolved Selenium (Se)	ug/L	ND	B734270	ND	ND	0.040	B740613	ND	0.040	B734270
Dissolved Silicon (Si)	ug/L	2890	B734270	3430	3330	50	B740613	ND	50	B734270
Dissolved Silver (Ag)	ug/L	0.0069	B734270	ND	ND	0.0050	B740613	ND	0.0050	B734270

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		DHA098		DHA099	DHA100			DHA101		
Sampling Date		2025/03/25 11:25		2025/03/25 14:35	2025/03/25 14:57			2025/03/25 14:45		
COC Number		08548954		08548954	08548954			08548954		
	UNITS	WLNG-US	QC Batch	SQRI-US	SQRI-DS	RDL	QC Batch	SQRI-DS-FIELD BLANK	RDL	QC Batch
Dissolved Strontium (Sr)	ug/L	12.3	B734270	30.3	30.8	0.050	B740613	ND	0.050	B734270
Dissolved Tellurium (Te)	ug/L	ND	B734270	ND	ND	0.020	B740613	ND	0.020	B734270
Dissolved Thallium (Tl)	ug/L	0.0022	B734270	ND	ND	0.0020	B740613	ND	0.0020	B734270
Dissolved Thorium (Th)	ug/L	0.0108	B734270	0.0097	0.0077	0.0050	B740613	ND	0.0050	B734270
Dissolved Tin (Sn)	ug/L	ND	B734270	ND	ND	0.20	B740613	ND	0.20	B734270
Dissolved Titanium (Ti)	ug/L	0.75	B734270	ND	ND	0.50	B740613	ND	0.50	B734270
Dissolved Uranium (U)	ug/L	0.128	B734270	0.0247	0.0258	0.0020	B740613	ND	0.0020	B734270
Dissolved Vanadium (V)	ug/L	0.26	B734270	0.74	0.69	0.20	B740613	ND	0.20	B734270
Dissolved Zinc (Zn)	ug/L	4.88	B734270	0.78	0.65	0.10	B740613	ND	0.10	B734270
Dissolved Zirconium (Zr)	ug/L	ND	B734270	ND	ND	0.10	B740613	ND	0.10	B734270
Total Metals by ICPMS										
Total Aluminum (Al)	ug/L	211	B735474	140	200	3.0	B735474	ND	0.50	B734434
Total Antimony (Sb)	ug/L	0.045	B735474	ND	ND	0.020	B735474	ND	0.020	B734434
Total Arsenic (As)	ug/L	0.443	B735474	0.101	0.120	0.020	B735474	ND	0.020	B734434
Total Barium (Ba)	ug/L	3.96	B735474	6.46	7.03	0.050	B735474	ND	0.020	B734434
Total Beryllium (Be)	ug/L	ND	B735474	ND	ND	0.010	B735474	ND	0.010	B734434
Total Bismuth (Bi)	ug/L	ND	B735474	ND	ND	0.010	B735474	ND	0.0050	B734434
Total Boron (B)	ug/L	ND	B735474	ND	ND	10	B735474	ND	10	B734434
Total Cadmium (Cd)	ug/L	0.0080	B735474	0.0090	0.0100	0.0050	B735474	ND	0.0050	B734434
Total Cesium (Cs)	ug/L							ND	0.050	B734434
Total Chromium (Cr)	ug/L	0.11	B735474	0.14	0.12	0.10	B735474	ND	0.10	B734434
Total Cobalt (Co)	ug/L	0.085	B735474	0.079	0.100	0.010	B735474	ND	0.0050	B734434
Total Copper (Cu)	ug/L	1.86	B735474	1.06	1.24	0.10	B735474	ND	0.050	B734434
Total Iron (Fe)	ug/L	117	B735474	175	231	5.0	B735474	ND	1.0	B734434
Total Lead (Pb)	ug/L	0.102	B735474	0.051	0.073	0.020	B735474	ND	0.0050	B734434
Total Lithium (Li)	ug/L	ND	B735474	0.50	0.63	0.50	B735474	ND	0.50	B734434
Total Manganese (Mn)	ug/L	3.88	B735474	6.80	8.51	0.10	B735474	ND	0.050	B734434
Total Molybdenum (Mo)	ug/L	0.562	B735474	0.365	0.394	0.050	B735474	ND	0.050	B734434
Total Nickel (Ni)	ug/L	0.52	B735474	0.12	0.15	0.10	B735474	ND	0.020	B734434
Total Phosphorus (P)	ug/L	197	B735474	17.1	23.1	5.0	B735474	ND	2.0	B734434
Total Rubidium (Rb)	ug/L							ND	0.050	B734434
Total Selenium (Se)	ug/L	ND	B735474	ND	ND	0.040	B735474	ND	0.040	B734434

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		DHA098		DHA099	DHA100			DHA101		
Sampling Date		2025/03/25 11:25		2025/03/25 14:35	2025/03/25 14:57			2025/03/25 14:45		
COC Number		08548954		08548954	08548954			08548954		
	UNITS	WLNG-US	QC Batch	SQRI-US	SQRI-DS	RDL	QC Batch	SQRI-DS-FIELD BLANK	RDL	QC Batch
Total Silicon (Si)	ug/L	2520	B735474	3040	3050	50	B735474	ND	50	B734434
Total Silver (Ag)	ug/L	ND	B735474	ND	ND	0.010	B735474	ND	0.0050	B734434
Total Strontium (Sr)	ug/L	10.5	B735474	26.8	28.0	0.050	B735474	ND	0.050	B734434
Total Tellurium (Te)	ug/L							ND	0.020	B734434
Total Thallium (Tl)	ug/L	0.0030	B735474	ND	0.0020	0.0020	B735474	ND	0.0020	B734434
Total Thorium (Th)	ug/L							ND	0.050	B734434
Total Tin (Sn)	ug/L	ND	B735474	ND	ND	0.20	B735474	ND	0.20	B734434
Total Titanium (Ti)	ug/L	4.9	B735474	3.0	4.2	2.0	B735474	ND	0.50	B734434
Total Uranium (U)	ug/L	0.142	B735474	0.0260	0.0360	0.0050	B735474	ND	0.0020	B734434
Total Vanadium (V)	ug/L	0.30	B735474	0.78	0.89	0.20	B735474	ND	0.20	B734434
Total Zinc (Zn)	ug/L	2.6	B735474	1.5	1.5	1.0	B735474	ND	0.10	B734434
Total Zirconium (Zr)	ug/L	ND	B735474	ND	ND	0.10	B735474	ND	0.10	B734434
Total Calcium (Ca)	mg/L	2.72	B733047	4.48	4.50	0.25	B733047	ND	0.050	B733047
Total Magnesium (Mg)	mg/L	0.56	B733047	0.51	0.54	0.25	B733047	ND	0.050	B733047
Total Potassium (K)	mg/L	0.43	B733047	0.37	0.39	0.25	B733047	ND	0.050	B733047
Total Sodium (Na)	mg/L	1.29	B733047	1.64	1.72	0.25	B733047	ND	0.050	B733047
Total Sulphur (S)	mg/L	ND	B733047	ND	ND	3.0	B733047	ND	3.0	B733047

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		DHA102		
Sampling Date		2025/03/25		
COC Number		08548954		
	UNITS	TRIP BLANK	RDL	QC Batch
ANIONS				
Bromide (Br)	mg/L	ND	0.010	B734692
Dissolved Metals by ICPMS				
Dissolved Calcium (Ca)	mg/L	ND	0.050	B733044
Dissolved Magnesium (Mg)	mg/L	ND	0.050	B733044
Dissolved Potassium (K)	mg/L	ND	0.050	B733044
Dissolved Sodium (Na)	mg/L	ND	0.050	B733044
Dissolved Sulphur (S)	mg/L	ND	3.0	B733044
Lab Filtered Metals				
Dissolved Aluminum (Al)	ug/L	ND	0.50	B734270
Dissolved Antimony (Sb)	ug/L	ND	0.020	B734270
Dissolved Arsenic (As)	ug/L	ND	0.020	B734270
Dissolved Barium (Ba)	ug/L	ND	0.020	B734270
Dissolved Beryllium (Be)	ug/L	ND	0.010	B734270
Dissolved Bismuth (Bi)	ug/L	ND	0.0050	B734270
Dissolved Boron (B)	ug/L	ND	10	B734270
Dissolved Cadmium (Cd)	ug/L	ND	0.0050	B734270
Dissolved Cesium (Cs)	ug/L	ND	0.050	B734270
Dissolved Chromium (Cr)	ug/L	ND	0.10	B734270
Dissolved Cobalt (Co)	ug/L	ND	0.0050	B734270
Dissolved Copper (Cu)	ug/L	ND	0.050	B734270
Dissolved Iron (Fe)	ug/L	ND	1.0	B734270
Dissolved Lead (Pb)	ug/L	ND	0.0050	B734270
Dissolved Lithium (Li)	ug/L	ND	0.50	B734270
Dissolved Manganese (Mn)	ug/L	ND	0.050	B734270
Dissolved Molybdenum (Mo)	ug/L	ND	0.050	B734270
Dissolved Nickel (Ni)	ug/L	ND	0.020	B734270
Dissolved Phosphorus (P)	ug/L	ND	2.0	B734270
Dissolved Rubidium (Rb)	ug/L	ND	0.050	B734270
Dissolved Selenium (Se)	ug/L	ND	0.040	B734270
Dissolved Silicon (Si)	ug/L	ND	50	B734270

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		DHA102		
Sampling Date		2025/03/25		
COC Number		08548954		
	UNITS	TRIP BLANK	RDL	QC Batch
Dissolved Silver (Ag)	ug/L	ND	0.0050	B734270
Dissolved Strontium (Sr)	ug/L	ND	0.050	B734270
Dissolved Tellurium (Te)	ug/L	ND	0.020	B734270
Dissolved Thallium (Tl)	ug/L	ND	0.0020	B734270
Dissolved Thorium (Th)	ug/L	ND	0.0050	B734270
Dissolved Tin (Sn)	ug/L	ND	0.20	B734270
Dissolved Titanium (Ti)	ug/L	ND	0.50	B734270
Dissolved Uranium (U)	ug/L	ND	0.0020	B734270
Dissolved Vanadium (V)	ug/L	ND	0.20	B734270
Dissolved Zinc (Zn)	ug/L	ND	0.10	B734270
Dissolved Zirconium (Zr)	ug/L	ND	0.10	B734270
Total Metals by ICPMS				
Total Aluminum (Al)	ug/L	ND	0.50	B734434
Total Antimony (Sb)	ug/L	ND	0.020	B734434
Total Arsenic (As)	ug/L	ND	0.020	B734434
Total Barium (Ba)	ug/L	ND	0.020	B734434
Total Beryllium (Be)	ug/L	ND	0.010	B734434
Total Bismuth (Bi)	ug/L	ND	0.0050	B734434
Total Boron (B)	ug/L	ND	10	B734434
Total Cadmium (Cd)	ug/L	ND	0.0050	B734434
Total Cesium (Cs)	ug/L	ND	0.050	B734434
Total Chromium (Cr)	ug/L	ND	0.10	B734434
Total Cobalt (Co)	ug/L	ND	0.0050	B734434
Total Copper (Cu)	ug/L	ND	0.050	B734434
Total Iron (Fe)	ug/L	ND	1.0	B734434
Total Lead (Pb)	ug/L	ND	0.0050	B734434
Total Lithium (Li)	ug/L	ND	0.50	B734434
Total Manganese (Mn)	ug/L	ND	0.050	B734434
Total Molybdenum (Mo)	ug/L	ND	0.050	B734434
Total Nickel (Ni)	ug/L	ND	0.020	B734434
Total Phosphorus (P)	ug/L	ND	2.0	B734434

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		DHA102		
Sampling Date		2025/03/25		
COC Number		08548954		
	UNITS	**TRIP BLANK**	**RDL**	**QC Batch**
Total Rubidium (Rb)	ug/L	ND	0.050	B734434
Total Selenium (Se)	ug/L	ND	0.040	B734434
Total Silicon (Si)	ug/L	ND	50	B734434
Total Silver (Ag)	ug/L	ND	0.0050	B734434
Total Strontium (Sr)	ug/L	ND	0.050	B734434
Total Tellurium (Te)	ug/L	ND	0.020	B734434
Total Thallium (Tl)	ug/L	ND	0.0020	B734434
Total Thorium (Th)	ug/L	ND	0.050	B734434
Total Tin (Sn)	ug/L	ND	0.20	B734434
Total Titanium (Ti)	ug/L	ND	0.50	B734434
Total Uranium (U)	ug/L	ND	0.0020	B734434
Total Vanadium (V)	ug/L	ND	0.20	B734434
Total Zinc (Zn)	ug/L	ND	0.10	B734434
Total Zirconium (Zr)	ug/L	ND	0.10	B734434
Total Calcium (Ca)	mg/L	ND	0.050	B733047
Total Magnesium (Mg)	mg/L	ND	0.050	B733047
Total Potassium (K)	mg/L	ND	0.050	B733047
Total Sodium (Na)	mg/L	ND	0.050	B733047
Total Sulphur (S)	mg/L	ND	3.0	B733047

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		DHA096	DHA097	DHA098	DHA099	DHA100		
Sampling Date		2025/03/25 10:20	2025/03/25 11:15	2025/03/25 11:25	2025/03/25 14:35	2025/03/25 14:57		
COC Number		08548954	08548954	08548954	08548954	08548954		
	UNITS	WLNG-DS	WLNG-EOP	WLNG-US	SQRI-US	SQRI-DS	RDL	QC Batch
Calculated Parameters								
Total Un-ionized Hydrogen Sulfide as S	mg/L	ND	ND	ND	ND	ND	0.0050	B733522
Total Un-ionized Hydrogen Sulfide as H2S	mg/L	ND	ND	ND	ND	ND	0.0050	B733522

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

CCME BTEX/F1 IN WATER (WATER)

Bureau Veritas ID		DHA097		
Sampling Date		2025/03/25 11:15		
COC Number		08548954		
	UNITS	WLNG-EOP	RDL	QC Batch
Calculated Parameters				
F1 (C6-C10) - BTEX	ug/L	ND	300	B733536
Volatiles				
Methyl-tert-butylether (MTBE)	ug/L	ND	4.0	B735610
Benzene	ug/L	ND	0.40	B735610
Toluene	ug/L	ND	0.40	B735610
Ethylbenzene	ug/L	ND	0.40	B735610
m & p-Xylene	ug/L	ND	0.40	B735610
o-Xylene	ug/L	ND	0.40	B735610
Styrene	ug/L	0.86	0.40	B735610
Xylenes (Total)	ug/L	ND	0.40	B735610
F1 (C6-C10)	ug/L	ND	300	B735610
Surrogate Recovery (%)				
1,4-Difluorobenzene (sur.)	%	106		B735610
4-Bromofluorobenzene (sur.)	%	98		B735610
D4-1,2-Dichloroethane (sur.)	%	110		B735610

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

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COMBINED CP/NCP PHENOLS IN WATER (WATER)

Bureau Veritas ID		DHA097		
Sampling Date		2025/03/25 11:15		
COC Number		08548954		
	UNITS	WLNG-EOP	RDL	QC Batch
Calculated Parameters				
Total Monochlorophenols	ug/L	ND	0.080	B733689
Total Dichlorophenols	ug/L	ND	0.10	B733689
Total Trichlorophenols	ug/L	ND	0.10	B733689
Total Tetrachlorophenols	ug/L	ND	0.10	B733689
Total Chlorophenols	ug/L	ND	0.10	B733689
Total Nonchlorinated Phenols	ug/L	ND	10	B733689
Total Phenolic Compounds	ug/L	ND	10	B733689
SEMI-VOLATILE ORGANICS				
Phenol	ug/L	ND	0.50	B733974
2-chlorophenol	ug/L	ND	0.080	B733976
3 & 4-chlorophenol	ug/L	ND	0.080	B733976
2-methylphenol	ug/L	ND	0.50	B733974
3 & 4-methylphenol	ug/L	ND	0.50	B733974
2-nitrophenol	ug/L	ND	0.50	B733974
2,4-dimethylphenol	ug/L	ND	0.50	B733974
2,4 + 2,5-Dichlorophenol	ug/L	ND	0.10	B733976
2,3-Dichlorophenol	ug/L	ND	0.10	B733976
2,6-dichlorophenol	ug/L	ND	0.10	B733976
3,5-Dichlorophenol	ug/L	ND	0.10	B733976
3,4-Dichlorophenol	ug/L	ND	0.10	B733976
2,4,5-trichlorophenol	ug/L	ND	0.10	B733976
2,4,6-trichlorophenol	ug/L	ND	0.10	B733976
2,3,5-trichlorophenol	ug/L	ND	0.10	B733976
2,3,6-Trichlorophenol	ug/L	ND	0.10	B733976
2,3,4-trichlorophenol	ug/L	ND	0.10	B733976
3,4,5-Trichlorophenol	ug/L	ND	0.10	B733976
2,4-dinitrophenol	ug/L	ND	0.50	B733974
4,6-dinitro-2-methylphenol	ug/L	ND	0.50	B733974
2,3,4,6-tetrachlorophenol	ug/L	ND	0.10	B733976
2,3,4,5-tetrachlorophenol	ug/L	ND	0.10	B733976

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

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COMBINED CP/NCP PHENOLS IN WATER (WATER)

Bureau Veritas ID		DHA097		
Sampling Date		2025/03/25 11:15		
COC Number		08548954		
	UNITS	WLNG-EOP	RDL	QC Batch
2,3,5,6-tetrachlorophenol	ug/L	ND	0.10	B733976
4-nitrophenol	ug/L	ND	0.50	B733974
3,4-Dimethylphenol	ug/L	ND	0.50	B733974
2,6-Dimethylphenol	ug/L	ND	0.50	B733974
Pentachlorophenol	ug/L	ND	0.10	B733976
4-Chloro-3-Methylphenol	ug/L	ND	1.0	B733976
2-Hydroxyphenol (Catechol)	ug/L	ND	10	B733974
3-Hydroxyphenol (Resorcinol)	ug/L	ND	10	B733974
4-Hydroxyphenol (Hydroquinone)	ug/L	ND (1)	1.4	B733974
Surrogate Recovery (%)				
2,4,6-TRIBROMOPHENOL (sur.)	%	93		B733976
2,4-DIBROMOPHENOL (sur.)	%	84		B733976
2,4,6-TRIBROMOPHENOL (sur.)	%	93		B733974
2,4-DIBROMOPHENOL (sur.)	%	84		B733974

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

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

Bureau Veritas ID		DHA097		
Sampling Date		2025/03/25 11:15		
COC Number		08548954		
	UNITS	WLNG-EOP	RDL	QC Batch
Calculated Parameters				
Low Molecular Weight PAH`s	ug/L	ND	0.10	B732493
High Molecular Weight PAH`s	ug/L	ND	0.050	B732493
Total PAH	ug/L	ND	0.10	B732493
Polycyclic Aromatics				
Quinoline	ug/L	ND	0.020	B735941
Naphthalene	ug/L	ND	0.10	B735941
1-Methylnaphthalene	ug/L	0.068	0.050	B735941
2-Methylnaphthalene	ug/L	ND	0.10	B735941
Acenaphthylene	ug/L	ND	0.050	B735941
Acenaphthene	ug/L	ND	0.050	B735941
Fluorene	ug/L	ND	0.050	B735941
Phenanthrene	ug/L	ND	0.050	B735941
Anthracene	ug/L	ND	0.010	B735941
Acridine	ug/L	ND	0.050	B735941
Fluoranthene	ug/L	ND	0.020	B735941
Pyrene	ug/L	ND	0.020	B735941
Benzo(a)anthracene	ug/L	ND	0.010	B735941
Chrysene	ug/L	ND	0.020	B735941
Benzo(b&j)fluoranthene	ug/L	ND	0.030	B735941
Benzo(k)fluoranthene	ug/L	ND	0.050	B735941
Benzo(a)pyrene	ug/L	ND	0.0050	B735941
Indeno(1,2,3-cd)pyrene	ug/L	ND	0.050	B735941
Dibenz(a,h)anthracene	ug/L	ND	0.0030	B735941
Benzo(g,h,i)perylene	ug/L	ND	0.050	B735941
Calculated Parameters				
LEPH (C10-C19 less PAH)	mg/L	ND	0.20	B732489
HEPH (C19-C32 less PAH)	mg/L	ND	0.20	B732489
Ext. Pet. Hydrocarbon				
EPH (C10-C19)	mg/L	ND	0.20	B735949
EPH (C19-C32)	mg/L	ND	0.20	B735949

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		DHA097		
Sampling Date		2025/03/25 11:15		
COC Number		08548954		
	UNITS	WLNG-EOP	RDL	QC Batch
Surrogate Recovery (%)				
O-TERPHENYL (sur.)	%	99		B735949
D10-ANTHRACENE (sur.)	%	92		B735941
D8-ACENAPHTHYLENE (sur.)	%	89		B735941
D8-NAPHTHALENE (sur.)	%	88		B735941
TERPHENYL-D14 (sur.)	%	85		B735941
RDL = Reportable Detection Limit				

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GENERAL COMMENTS

Sample DHA096 [WLNG-DS] : Total Chromium < Total Hexavalent Chromium. High Hexavalent result is likely due to matrix interference.

Sample DHA097 [WLNG-EOP] : Total Chromium < Total Hexavalent Chromium. High Hexavalent result is likely due to matrix interference.

Sample DHA098 [WLNG-US] : Total Chromium < Total Hexavalent Chromium. High Hexavalent result is likely due to matrix interference.

Sample DHA099 [SQRI-US] : Total Chromium < Total Hexavalent Chromium. High Hexavalent result is likely due to matrix interference.

Sample DHA101 [SQRI-DS-FIELD BLANK] : Total Chromium < Total Hexavalent Chromium. High Hexavalent result is likely due to matrix interference.

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
B733601	TSO	Matrix Spike	Total Nitrogen (N)	2025/03/28		NC	%	80 - 120
B733601	TSO	Spiked Blank	Total Nitrogen (N)	2025/03/28		101	%	80 - 120
B733601	TSO	Method Blank	Total Nitrogen (N)	2025/03/28	ND, RDL=0.020		mg/L	
B733601	TSO	RPD	Total Nitrogen (N)	2025/03/28	0.68		%	20
B733609	TSO	Matrix Spike [DHA102-03]	Total Nitrogen (N)	2025/03/28		115	%	80 - 120
B733609	TSO	Spiked Blank	Total Nitrogen (N)	2025/03/28		100	%	80 - 120
B733609	TSO	Method Blank	Total Nitrogen (N)	2025/03/28	ND, RDL=0.020		mg/L	
B733622	LRT	Matrix Spike	Total Organic Carbon (C)	2025/03/27		102	%	80 - 120
B733622	LRT	Spiked Blank	Total Organic Carbon (C)	2025/03/27		97	%	80 - 120
B733622	LRT	Method Blank	Total Organic Carbon (C)	2025/03/27	ND, RDL=0.50		mg/L	
B733622	LRT	RPD	Total Organic Carbon (C)	2025/03/27	NC		%	20
B733717	BB3	Matrix Spike	Chloride (Cl)	2025/03/26		112	%	80 - 120
			Sulphate (SO4)	2025/03/26		118	%	80 - 120
B733717	BB3	Spiked Blank	Chloride (Cl)	2025/03/26		101	%	80 - 120
			Sulphate (SO4)	2025/03/26		102	%	80 - 120
B733717	BB3	Method Blank	Chloride (Cl)	2025/03/26	ND, RDL=1.0		mg/L	
			Sulphate (SO4)	2025/03/26	ND, RDL=1.0		mg/L	
B733717	BB3	RPD	Chloride (Cl)	2025/03/26	1.4		%	20
			Sulphate (SO4)	2025/03/26	2.7		%	20
B733746	CBK	Spiked Blank	pH	2025/03/27		100	%	97 - 103
B733746	CBK	RPD	pH	2025/03/27	0.17		%	N/A
B733761	CBK	Spiked Blank	Conductivity	2025/03/27		101	%	90 - 110
B733761	CBK	Method Blank	Conductivity	2025/03/27	ND, RDL=2.0		uS/cm	
B733761	CBK	RPD	Conductivity	2025/03/27	0		%	10
B733762	CBK	Spiked Blank	Alkalinity (Total as CaCO3)	2025/03/27		100	%	80 - 120
B733762	CBK	Method Blank	Alkalinity (PP as CaCO3)	2025/03/27	ND, RDL=1.0		mg/L	
			Alkalinity (Total as CaCO3)	2025/03/27	ND, RDL=1.0		mg/L	
			Bicarbonate (HCO3)	2025/03/27	ND, RDL=1.0		mg/L	
			Carbonate (CO3)	2025/03/27	ND, RDL=1.0		mg/L	
			Hydroxide (OH)	2025/03/27	ND, RDL=1.0		mg/L	
B733762	CBK	RPD	Alkalinity (PP as CaCO3)	2025/03/27	NC		%	20
			Alkalinity (Total as CaCO3)	2025/03/27	0.57		%	20
			Bicarbonate (HCO3)	2025/03/27	0.57		%	20
			Carbonate (CO3)	2025/03/27	NC		%	20
			Hydroxide (OH)	2025/03/27	NC		%	20
B733765	BTM	Matrix Spike [DHA102-01]	Total Suspended Solids	2025/03/27		96	%	80 - 120
B733765	BTM	Spiked Blank	Total Suspended Solids	2025/03/27		102	%	80 - 120
B733765	BTM	Method Blank	Total Suspended Solids	2025/03/27	ND, RDL=1.0		mg/L	
B733765	BTM	RPD [DHA097-01]	Total Suspended Solids	2025/03/27	4.0		%	20

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QUALITY ASSURANCE REPORT(CONT'D)

QA/QC Batch	Init	QC Type	Parameter	Date Analyzed	Value	Recovery	UNITS	QC Limits
B733777	TSO	Matrix Spike	Total Ammonia (N)	2025/03/27		118	%	80 - 120
B733777	TSO	Spiked Blank	Total Ammonia (N)	2025/03/27		102	%	80 - 120
B733777	TSO	Method Blank	Total Ammonia (N)	2025/03/27	ND, RDL=0.015		mg/L	
B733777	TSO	RPD	Total Ammonia (N)	2025/03/27	NC		%	20
B733801	CJY	Matrix Spike	Dissolved Fluoride (F)	2025/03/27		106	%	80 - 120
B733801	CJY	Spiked Blank	Dissolved Fluoride (F)	2025/03/27		103	%	80 - 120
B733801	CJY	Method Blank	Dissolved Fluoride (F)	2025/03/27	ND, RDL=0.050		mg/L	
B733801	CJY	RPD [DHA099-02]	Dissolved Fluoride (F)	2025/03/27	NC		%	20
B733974	RW4	Spiked Blank	2,4,6-TRIBROMOPHENOL (sur.)	2025/03/27		90	%	60 - 130
			2,4-DIBROMOPHENOL (sur.)	2025/03/27		85	%	60 - 130
			Phenol	2025/03/27		116	%	60 - 130
			2-methylphenol	2025/03/27		91	%	60 - 130
			3 & 4-methylphenol	2025/03/27		96	%	60 - 130
			2-nitrophenol	2025/03/27		77	%	30 - 130
			2,4-dimethylphenol	2025/03/27		117	%	60 - 130
			2,4-dinitrophenol	2025/03/27		94	%	30 - 130
			4,6-dinitro-2-methylphenol	2025/03/27		102	%	30 - 130
			4-nitrophenol	2025/03/27		94	%	30 - 130
			3,4-Dimethylphenol	2025/03/27		99	%	60 - 130
			2,6-Dimethylphenol	2025/03/27		93	%	60 - 130
			2-Hydroxyphenol (Catechol)	2025/03/27		111	%	60 - 130
			3-Hydroxyphenol (Resorcinol)	2025/03/27		118	%	60 - 130
			4-Hydroxyphenol (Hydroquinone)	2025/03/27		112	%	60 - 130
B733974	RW4	Method Blank	2,4,6-TRIBROMOPHENOL (sur.)	2025/03/27		81	%	60 - 130
			2,4-DIBROMOPHENOL (sur.)	2025/03/27		78	%	60 - 130
			Phenol	2025/03/27	ND, RDL=0.50		ug/L	
			2-methylphenol	2025/03/27	ND, RDL=0.50		ug/L	
			3 & 4-methylphenol	2025/03/27	ND, RDL=0.50		ug/L	
			2-nitrophenol	2025/03/27	ND, RDL=0.50		ug/L	
			2,4-dimethylphenol	2025/03/27	ND, RDL=0.50		ug/L	
			2,4-dinitrophenol	2025/03/27	ND, RDL=0.50		ug/L	
			4,6-dinitro-2-methylphenol	2025/03/27	ND, RDL=0.50		ug/L	
			4-nitrophenol	2025/03/27	ND, RDL=0.50		ug/L	
			3,4-Dimethylphenol	2025/03/27	ND, RDL=0.50		ug/L	
			2,6-Dimethylphenol	2025/03/27	ND, RDL=0.50		ug/L	
			2-Hydroxyphenol (Catechol)	2025/03/27	ND, RDL=10		ug/L	
			3-Hydroxyphenol (Resorcinol)	2025/03/27	ND, RDL=10		ug/L	
			4-Hydroxyphenol (Hydroquinone)	2025/03/27	ND, RDL=1.0		ug/L	
B733976	RW4	Spiked Blank	2,4,6-TRIBROMOPHENOL (sur.)	2025/03/27		90	%	60 - 130

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QUALITY ASSURANCE REPORT(CONT'D)

QA/QC Batch	Init	QC Type	Parameter	Date Analyzed	Value	Recovery	UNITS	QC Limits
			2,4-DIBROMOPHENOL (sur.)	2025/03/27		85	%	60 - 130
			2-chlorophenol	2025/03/27		78	%	60 - 130
			3 & 4-chlorophenol	2025/03/27		99	%	60 - 130
			2,4 + 2,5-Dichlorophenol	2025/03/27		97	%	60 - 130
			2,3-Dichlorophenol	2025/03/27		94	%	60 - 130
			2,6-dichlorophenol	2025/03/27		95	%	60 - 130
			3,5-Dichlorophenol	2025/03/27		108	%	60 - 130
			3,4-Dichlorophenol	2025/03/27		94	%	60 - 130
			2,4,5-trichlorophenol	2025/03/27		109	%	60 - 130
			2,4,6-trichlorophenol	2025/03/27		101	%	60 - 130
			2,3,5-trichlorophenol	2025/03/27		106	%	60 - 130
			2,3,6-Trichlorophenol	2025/03/27		100	%	60 - 130
			2,3,4-trichlorophenol	2025/03/27		101	%	60 - 130
			3,4,5-Trichlorophenol	2025/03/27		99	%	60 - 130
			2,3,4,6-tetrachlorophenol	2025/03/27		101	%	60 - 130
			2,3,4,5-tetrachlorophenol	2025/03/27		96	%	60 - 130
			2,3,5,6-tetrachlorophenol	2025/03/27		98	%	60 - 130
			Pentachlorophenol	2025/03/27		117	%	60 - 130
			4-Chloro-3-Methylphenol	2025/03/27		103	%	60 - 130
B733976	RW4	Method Blank	2,4,6-TRIBROMOPHENOL (sur.)	2025/03/27		81	%	60 - 130
			2,4-DIBROMOPHENOL (sur.)	2025/03/27		78	%	60 - 130
			2-chlorophenol	2025/03/27	ND, RDL=0.080		ug/L	
			3 & 4-chlorophenol	2025/03/27	ND, RDL=0.080		ug/L	
			2,4 + 2,5-Dichlorophenol	2025/03/27	ND, RDL=0.10		ug/L	
			2,3-Dichlorophenol	2025/03/27	ND, RDL=0.10		ug/L	
			2,6-dichlorophenol	2025/03/27	ND, RDL=0.10		ug/L	
			3,5-Dichlorophenol	2025/03/27	ND, RDL=0.10		ug/L	
			3,4-Dichlorophenol	2025/03/27	ND, RDL=0.10		ug/L	
			2,4,5-trichlorophenol	2025/03/27	ND, RDL=0.10		ug/L	
			2,4,6-trichlorophenol	2025/03/27	ND, RDL=0.10		ug/L	
			2,3,5-trichlorophenol	2025/03/27	ND, RDL=0.10		ug/L	
			2,3,6-Trichlorophenol	2025/03/27	ND, RDL=0.10		ug/L	
			2,3,4-trichlorophenol	2025/03/27	ND, RDL=0.10		ug/L	
			3,4,5-Trichlorophenol	2025/03/27	ND, RDL=0.10		ug/L	
			2,3,4,6-tetrachlorophenol	2025/03/27	ND, RDL=0.10		ug/L	
			2,3,4,5-tetrachlorophenol	2025/03/27	ND, RDL=0.10		ug/L	
			2,3,5,6-tetrachlorophenol	2025/03/27	ND, RDL=0.10		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
			Pentachlorophenol	2025/03/27	ND, RDL=0.10		ug/L	
			4-Chloro-3-Methylphenol	2025/03/27	ND, RDL=1.0		ug/L	
B734235	LRT	Matrix Spike [DHA102-04]	Dissolved Organic Carbon (C)	2025/03/27		102	%	80 - 120
B734235	LRT	Spiked Blank	Dissolved Organic Carbon (C)	2025/03/27		99	%	80 - 120
B734235	LRT	Method Blank	Dissolved Organic Carbon (C)	2025/03/27	ND, RDL=0.50		mg/L	
B734235	LRT	RPD [DHA102-04]	Dissolved Organic Carbon (C)	2025/03/27	NC		%	20
B734270	AA1	Matrix Spike [DHA096-08]	Dissolved Aluminum (Al)	2025/03/27		111	%	80 - 120
			Dissolved Antimony (Sb)	2025/03/27		104	%	80 - 120
			Dissolved Arsenic (As)	2025/03/27		106	%	80 - 120
			Dissolved Barium (Ba)	2025/03/27		105	%	80 - 120
			Dissolved Beryllium (Be)	2025/03/27		106	%	80 - 120
			Dissolved Bismuth (Bi)	2025/03/27		98	%	80 - 120
			Dissolved Boron (B)	2025/03/27		112	%	80 - 120
			Dissolved Cadmium (Cd)	2025/03/27		104	%	80 - 120
			Dissolved Cesium (Cs)	2025/03/27		99	%	80 - 120
			Dissolved Chromium (Cr)	2025/03/27		95	%	80 - 120
			Dissolved Cobalt (Co)	2025/03/27		94	%	80 - 120
			Dissolved Copper (Cu)	2025/03/27		93	%	80 - 120
			Dissolved Iron (Fe)	2025/03/27		104	%	80 - 120
			Dissolved Lead (Pb)	2025/03/27		101	%	80 - 120
			Dissolved Lithium (Li)	2025/03/27		108	%	80 - 120
			Dissolved Manganese (Mn)	2025/03/27		100	%	80 - 120
			Dissolved Molybdenum (Mo)	2025/03/27		100	%	80 - 120
			Dissolved Nickel (Ni)	2025/03/27		99	%	80 - 120
			Dissolved Phosphorus (P)	2025/03/27		107	%	80 - 120
			Dissolved Rubidium (Rb)	2025/03/27		102	%	80 - 120
			Dissolved Selenium (Se)	2025/03/27		101	%	80 - 120
			Dissolved Silicon (Si)	2025/03/27		103	%	80 - 120
			Dissolved Silver (Ag)	2025/03/27		102	%	80 - 120
			Dissolved Strontium (Sr)	2025/03/27		105	%	80 - 120
			Dissolved Tellurium (Te)	2025/03/27		111	%	80 - 120
			Dissolved Thallium (Tl)	2025/03/27		99	%	80 - 120
			Dissolved Thorium (Th)	2025/03/27		102	%	80 - 120
			Dissolved Tin (Sn)	2025/03/27		105	%	80 - 120
			Dissolved Titanium (Ti)	2025/03/27		104	%	80 - 120
			Dissolved Uranium (U)	2025/03/27		109	%	80 - 120
			Dissolved Vanadium (V)	2025/03/27		97	%	80 - 120
			Dissolved Zinc (Zn)	2025/03/27		103	%	80 - 120
			Dissolved Zirconium (Zr)	2025/03/27		103	%	80 - 120
B734270	AA1	Spiked Blank	Dissolved Aluminum (Al)	2025/03/27		111	%	80 - 120
			Dissolved Antimony (Sb)	2025/03/27		104	%	80 - 120
			Dissolved Arsenic (As)	2025/03/27		106	%	80 - 120
			Dissolved Barium (Ba)	2025/03/27		107	%	80 - 120
			Dissolved Beryllium (Be)	2025/03/27		105	%	80 - 120
			Dissolved Bismuth (Bi)	2025/03/27		99	%	80 - 120
			Dissolved Boron (B)	2025/03/27		108	%	80 - 120
			Dissolved Cadmium (Cd)	2025/03/27		103	%	80 - 120
			Dissolved Cesium (Cs)	2025/03/27		99	%	80 - 120

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QA/QC Batch	Init	QC Type	Parameter	Date Analyzed	Value	Recovery	UNITS	QC Limits
			Dissolved Chromium (Cr)	2025/03/27		92	%	80 - 120
			Dissolved Cobalt (Co)	2025/03/27		93	%	80 - 120
			Dissolved Copper (Cu)	2025/03/27		91	%	80 - 120
			Dissolved Iron (Fe)	2025/03/27		102	%	80 - 120
			Dissolved Lead (Pb)	2025/03/27		101	%	80 - 120
			Dissolved Lithium (Li)	2025/03/27		108	%	80 - 120
			Dissolved Manganese (Mn)	2025/03/27		98	%	80 - 120
			Dissolved Molybdenum (Mo)	2025/03/27		106	%	80 - 120
			Dissolved Nickel (Ni)	2025/03/27		96	%	80 - 120
			Dissolved Phosphorus (P)	2025/03/27		106	%	80 - 120
			Dissolved Rubidium (Rb)	2025/03/27		98	%	80 - 120
			Dissolved Selenium (Se)	2025/03/27		98	%	80 - 120
			Dissolved Silicon (Si)	2025/03/27		102	%	80 - 120
			Dissolved Silver (Ag)	2025/03/27		101	%	80 - 120
			Dissolved Strontium (Sr)	2025/03/27		106	%	80 - 120
			Dissolved Tellurium (Te)	2025/03/27		111	%	80 - 120
			Dissolved Thallium (Tl)	2025/03/27		100	%	80 - 120
			Dissolved Thorium (Th)	2025/03/27		102	%	80 - 120
			Dissolved Tin (Sn)	2025/03/27		104	%	80 - 120
			Dissolved Titanium (Ti)	2025/03/27		100	%	80 - 120
			Dissolved Uranium (U)	2025/03/27		109	%	80 - 120
			Dissolved Vanadium (V)	2025/03/27		94	%	80 - 120
			Dissolved Zinc (Zn)	2025/03/27		101	%	80 - 120
			Dissolved Zirconium (Zr)	2025/03/27		101	%	80 - 120
B734270	AA1	Method Blank	Dissolved Aluminum (Al)	2025/03/27	ND, RDL=0.50		ug/L	
			Dissolved Antimony (Sb)	2025/03/27	ND, RDL=0.020		ug/L	
			Dissolved Arsenic (As)	2025/03/27	ND, RDL=0.020		ug/L	
			Dissolved Barium (Ba)	2025/03/27	ND, RDL=0.020		ug/L	
			Dissolved Beryllium (Be)	2025/03/27	ND, RDL=0.010		ug/L	
			Dissolved Bismuth (Bi)	2025/03/27	ND, RDL=0.0050		ug/L	
			Dissolved Boron (B)	2025/03/27	ND, RDL=10		ug/L	
			Dissolved Cadmium (Cd)	2025/03/27	ND, RDL=0.0050		ug/L	
			Dissolved Cesium (Cs)	2025/03/27	ND, RDL=0.050		ug/L	
			Dissolved Chromium (Cr)	2025/03/27	ND, RDL=0.10		ug/L	
			Dissolved Cobalt (Co)	2025/03/27	ND, RDL=0.0050		ug/L	
			Dissolved Copper (Cu)	2025/03/27	ND, RDL=0.050		ug/L	
			Dissolved Iron (Fe)	2025/03/27	ND, RDL=1.0		ug/L	
			Dissolved Lead (Pb)	2025/03/27	ND, RDL=0.0050		ug/L	
			Dissolved Lithium (Li)	2025/03/27	ND, RDL=0.50		ug/L	

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QA/QC Batch	Init	QC Type	Parameter	Date Analyzed	Value	Recovery	UNITS	QC Limits
			Dissolved Manganese (Mn)	2025/03/27	ND, RDL=0.050		ug/L	
			Dissolved Molybdenum (Mo)	2025/03/27	ND, RDL=0.050		ug/L	
			Dissolved Nickel (Ni)	2025/03/27	ND, RDL=0.020		ug/L	
			Dissolved Phosphorus (P)	2025/03/27	ND, RDL=2.0		ug/L	
			Dissolved Rubidium (Rb)	2025/03/27	ND, RDL=0.050		ug/L	
			Dissolved Selenium (Se)	2025/03/27	ND, RDL=0.040		ug/L	
			Dissolved Silicon (Si)	2025/03/27	ND, RDL=50		ug/L	
			Dissolved Silver (Ag)	2025/03/27	ND, RDL=0.0050		ug/L	
			Dissolved Strontium (Sr)	2025/03/27	ND, RDL=0.050		ug/L	
			Dissolved Tellurium (Te)	2025/03/27	ND, RDL=0.020		ug/L	
			Dissolved Thallium (Tl)	2025/03/27	ND, RDL=0.0020		ug/L	
			Dissolved Thorium (Th)	2025/03/27	ND, RDL=0.0050		ug/L	
			Dissolved Tin (Sn)	2025/03/27	ND, RDL=0.20		ug/L	
			Dissolved Titanium (Ti)	2025/03/27	ND, RDL=0.50		ug/L	
			Dissolved Uranium (U)	2025/03/27	ND, RDL=0.0020		ug/L	
			Dissolved Vanadium (V)	2025/03/27	ND, RDL=0.20		ug/L	
			Dissolved Zinc (Zn)	2025/03/27	ND, RDL=0.10		ug/L	
			Dissolved Zirconium (Zr)	2025/03/27	ND, RDL=0.10		ug/L	
B734270	AA1	RPD [DHA096-08]	Dissolved Aluminum (Al)	2025/03/27	0.50		%	20
			Dissolved Antimony (Sb)	2025/03/27	4.7		%	20
			Dissolved Arsenic (As)	2025/03/27	0.59		%	20
			Dissolved Barium (Ba)	2025/03/27	1.7		%	20
			Dissolved Beryllium (Be)	2025/03/27	NC		%	20
			Dissolved Bismuth (Bi)	2025/03/27	NC		%	20
			Dissolved Boron (B)	2025/03/27	NC		%	20
			Dissolved Cadmium (Cd)	2025/03/27	12		%	20
			Dissolved Cesium (Cs)	2025/03/27	NC		%	20
			Dissolved Chromium (Cr)	2025/03/27	NC		%	20
			Dissolved Cobalt (Co)	2025/03/27	7.3		%	20
			Dissolved Copper (Cu)	2025/03/27	2.6		%	20
			Dissolved Iron (Fe)	2025/03/27	3.0		%	20
			Dissolved Lead (Pb)	2025/03/27	6.4		%	20
			Dissolved Lithium (Li)	2025/03/27	8.4		%	20
			Dissolved Manganese (Mn)	2025/03/27	1.7		%	20
			Dissolved Molybdenum (Mo)	2025/03/27	0.41		%	20
			Dissolved Nickel (Ni)	2025/03/27	0.67		%	20

QUALITY ASSURANCE REPORT(CONT'D)

QA/QC Batch	Init	QC Type	Parameter	Date Analyzed	Value	Recovery	UNITS	QC Limits
			Dissolved Phosphorus (P)	2025/03/27	1.6		%	20
			Dissolved Rubidium (Rb)	2025/03/27	0.90		%	20
			Dissolved Selenium (Se)	2025/03/27	NC		%	20
			Dissolved Silicon (Si)	2025/03/27	4.2		%	20
			Dissolved Silver (Ag)	2025/03/27	NC		%	20
			Dissolved Strontium (Sr)	2025/03/27	0.51		%	20
			Dissolved Tellurium (Te)	2025/03/27	NC		%	20
			Dissolved Thallium (Tl)	2025/03/27	NC		%	20
			Dissolved Thorium (Th)	2025/03/27	14		%	20
			Dissolved Tin (Sn)	2025/03/27	NC		%	20
			Dissolved Titanium (Ti)	2025/03/27	10		%	20
			Dissolved Uranium (U)	2025/03/27	3.8		%	20
			Dissolved Vanadium (V)	2025/03/27	10		%	20
			Dissolved Zinc (Zn)	2025/03/27	5.4		%	20
			Dissolved Zirconium (Zr)	2025/03/27	NC		%	20
B734280	NKT	Matrix Spike	Total Phosphorus (P)	2025/03/28		113	%	N/A
B734280	NKT	Spiked Blank	Total Phosphorus (P)	2025/03/28		103	%	80 - 120
B734280	NKT	Method Blank	Total Phosphorus (P)	2025/03/28	ND, RDL=0.0010		mg/L	
B734280	NKT	RPD	Total Phosphorus (P)	2025/03/28	NC		%	20
B734426	KA5	Matrix Spike	Total Dissolved Solids	2025/03/28		101	%	80 - 120
B734426	KA5	Spiked Blank	Total Dissolved Solids	2025/03/28		100	%	80 - 120
B734426	KA5	Method Blank	Total Dissolved Solids	2025/03/28	ND, RDL=10		mg/L	
B734426	KA5	RPD	Total Dissolved Solids	2025/03/28	5.1		%	20
B734434	AA1	Matrix Spike [DHA096-07]	Total Aluminum (Al)	2025/03/27		69 (1)	%	80 - 120
			Total Antimony (Sb)	2025/03/27		96	%	80 - 120
			Total Arsenic (As)	2025/03/27		98	%	80 - 120
			Total Barium (Ba)	2025/03/27		94	%	80 - 120
			Total Beryllium (Be)	2025/03/27		90	%	80 - 120
			Total Bismuth (Bi)	2025/03/27		87	%	80 - 120
			Total Boron (B)	2025/03/27		89	%	80 - 120
			Total Cadmium (Cd)	2025/03/27		99	%	80 - 120
			Total Cesium (Cs)	2025/03/27		87	%	80 - 120
			Total Chromium (Cr)	2025/03/27		93	%	80 - 120
			Total Cobalt (Co)	2025/03/27		95	%	80 - 120
			Total Copper (Cu)	2025/03/27		95	%	80 - 120
			Total Iron (Fe)	2025/03/27		98	%	80 - 120
			Total Lead (Pb)	2025/03/27		89	%	80 - 120
			Total Lithium (Li)	2025/03/27		85	%	80 - 120
			Total Manganese (Mn)	2025/03/27		98	%	80 - 120
			Total Molybdenum (Mo)	2025/03/27		96	%	80 - 120
			Total Nickel (Ni)	2025/03/27		101	%	80 - 120
			Total Phosphorus (P)	2025/03/27		89	%	80 - 120
			Total Rubidium (Rb)	2025/03/27		100	%	80 - 120
			Total Selenium (Se)	2025/03/27		97	%	80 - 120
			Total Silicon (Si)	2025/03/27		95	%	80 - 120
			Total Silver (Ag)	2025/03/27		98	%	80 - 120
			Total Strontium (Sr)	2025/03/27		89	%	80 - 120
			Total Tellurium (Te)	2025/03/27		99	%	80 - 120
			Total Thallium (Tl)	2025/03/27		88	%	80 - 120
			Total Thorium (Th)	2025/03/27		95	%	80 - 120

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QA/QC Batch	Init	QC Type	Parameter	Date Analyzed	Value	Recovery	UNITS	QC Limits
			Total Tin (Sn)	2025/03/27		96	%	80 - 120
			Total Titanium (Ti)	2025/03/27		98	%	80 - 120
			Total Uranium (U)	2025/03/27		91	%	80 - 120
			Total Vanadium (V)	2025/03/27		99	%	80 - 120
			Total Zinc (Zn)	2025/03/27		107	%	80 - 120
			Total Zirconium (Zr)	2025/03/27		91	%	80 - 120
B734434	AA1	Spiked Blank	Total Aluminum (Al)	2025/03/27		81	%	80 - 120
			Total Antimony (Sb)	2025/03/27		99	%	80 - 120
			Total Arsenic (As)	2025/03/27		101	%	80 - 120
			Total Barium (Ba)	2025/03/27		98	%	80 - 120
			Total Beryllium (Be)	2025/03/27		95	%	80 - 120
			Total Bismuth (Bi)	2025/03/27		95	%	80 - 120
			Total Boron (B)	2025/03/27		92	%	80 - 120
			Total Cadmium (Cd)	2025/03/27		102	%	80 - 120
			Total Cesium (Cs)	2025/03/27		92	%	80 - 120
			Total Chromium (Cr)	2025/03/27		99	%	80 - 120
			Total Cobalt (Co)	2025/03/27		99	%	80 - 120
			Total Copper (Cu)	2025/03/27		99	%	80 - 120
			Total Iron (Fe)	2025/03/27		103	%	80 - 120
			Total Lead (Pb)	2025/03/27		98	%	80 - 120
			Total Lithium (Li)	2025/03/27		90	%	80 - 120
			Total Manganese (Mn)	2025/03/27		102	%	80 - 120
			Total Molybdenum (Mo)	2025/03/27		102	%	80 - 120
			Total Nickel (Ni)	2025/03/27		103	%	80 - 120
			Total Phosphorus (P)	2025/03/27		90	%	80 - 120
			Total Rubidium (Rb)	2025/03/27		103	%	80 - 120
			Total Selenium (Se)	2025/03/27		100	%	80 - 120
			Total Silicon (Si)	2025/03/27		101	%	80 - 120
			Total Silver (Ag)	2025/03/27		102	%	80 - 120
			Total Strontium (Sr)	2025/03/27		97	%	80 - 120
			Total Tellurium (Te)	2025/03/27		99	%	80 - 120
			Total Thallium (Tl)	2025/03/27		95	%	80 - 120
			Total Thorium (Th)	2025/03/27		99	%	80 - 120
			Total Tin (Sn)	2025/03/27		99	%	80 - 120
			Total Titanium (Ti)	2025/03/27		102	%	80 - 120
			Total Uranium (U)	2025/03/27		98	%	80 - 120
			Total Vanadium (V)	2025/03/27		103	%	80 - 120
			Total Zinc (Zn)	2025/03/27		110	%	80 - 120
			Total Zirconium (Zr)	2025/03/27		97	%	80 - 120
B734434	AA1	Method Blank	Total Aluminum (Al)	2025/03/27	ND, RDL=0.50		ug/L	
			Total Antimony (Sb)	2025/03/27	ND, RDL=0.020		ug/L	
			Total Arsenic (As)	2025/03/27	ND, RDL=0.020		ug/L	
			Total Barium (Ba)	2025/03/27	ND, RDL=0.020		ug/L	
			Total Beryllium (Be)	2025/03/27	ND, RDL=0.010		ug/L	
			Total Bismuth (Bi)	2025/03/27	ND, RDL=0.0050		ug/L	
			Total Boron (B)	2025/03/27	ND, RDL=10		ug/L	

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QA/QC Batch	Init	QC Type	Parameter	Date Analyzed	Value	Recovery	UNITS	QC Limits
			Total Cadmium (Cd)	2025/03/27	ND, RDL=0.0050		ug/L	
			Total Cesium (Cs)	2025/03/27	ND, RDL=0.050		ug/L	
			Total Chromium (Cr)	2025/03/27	ND, RDL=0.10		ug/L	
			Total Cobalt (Co)	2025/03/27	ND, RDL=0.0050		ug/L	
			Total Copper (Cu)	2025/03/27	ND, RDL=0.050		ug/L	
			Total Iron (Fe)	2025/03/27	ND, RDL=1.0		ug/L	
			Total Lead (Pb)	2025/03/27	ND, RDL=0.0050		ug/L	
			Total Lithium (Li)	2025/03/27	ND, RDL=0.50		ug/L	
			Total Manganese (Mn)	2025/03/27	ND, RDL=0.050		ug/L	
			Total Molybdenum (Mo)	2025/03/27	ND, RDL=0.050		ug/L	
			Total Nickel (Ni)	2025/03/27	ND, RDL=0.020		ug/L	
			Total Phosphorus (P)	2025/03/27	ND, RDL=2.0		ug/L	
			Total Rubidium (Rb)	2025/03/27	ND, RDL=0.050		ug/L	
			Total Selenium (Se)	2025/03/27	ND, RDL=0.040		ug/L	
			Total Silicon (Si)	2025/03/27	ND, RDL=50		ug/L	
			Total Silver (Ag)	2025/03/27	ND, RDL=0.0050		ug/L	
			Total Strontium (Sr)	2025/03/27	ND, RDL=0.050		ug/L	
			Total Tellurium (Te)	2025/03/27	ND, RDL=0.020		ug/L	
			Total Thallium (Tl)	2025/03/27	ND, RDL=0.0020		ug/L	
			Total Thorium (Th)	2025/03/27	ND, RDL=0.050		ug/L	
			Total Tin (Sn)	2025/03/27	ND, RDL=0.20		ug/L	
			Total Titanium (Ti)	2025/03/27	ND, RDL=0.50		ug/L	
			Total Uranium (U)	2025/03/27	ND, RDL=0.0020		ug/L	
			Total Vanadium (V)	2025/03/27	ND, RDL=0.20		ug/L	
			Total Zinc (Zn)	2025/03/27	ND, RDL=0.10		ug/L	
			Total Zirconium (Zr)	2025/03/27	ND, RDL=0.10		ug/L	
B734434	AA1	RPD [DHA096-07]	Total Aluminum (Al)	2025/03/27	1.0		%	20
			Total Antimony (Sb)	2025/03/27	3.2		%	20

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QA/QC Batch	Init	QC Type	Parameter	Date Analyzed	Value	Recovery	UNITS	QC Limits
			Total Arsenic (As)	2025/03/27	2.7		%	20
			Total Barium (Ba)	2025/03/27	0.28		%	20
			Total Beryllium (Be)	2025/03/27	13		%	20
			Total Bismuth (Bi)	2025/03/27	3.9		%	20
			Total Boron (B)	2025/03/27	NC		%	20
			Total Cadmium (Cd)	2025/03/27	0		%	20
			Total Cesium (Cs)	2025/03/27	NC		%	20
			Total Chromium (Cr)	2025/03/27	5.2		%	20
			Total Cobalt (Co)	2025/03/27	0.85		%	20
			Total Copper (Cu)	2025/03/27	1.7		%	20
			Total Iron (Fe)	2025/03/27	1.2		%	20
			Total Lead (Pb)	2025/03/27	0.56		%	20
			Total Lithium (Li)	2025/03/27	18		%	20
			Total Manganese (Mn)	2025/03/27	0.34		%	20
			Total Molybdenum (Mo)	2025/03/27	0.77		%	20
			Total Nickel (Ni)	2025/03/27	3.7		%	20
			Total Phosphorus (P)	2025/03/27	0.14		%	20
			Total Rubidium (Rb)	2025/03/27	3.5		%	20
			Total Selenium (Se)	2025/03/27	NC		%	20
			Total Silicon (Si)	2025/03/27	0.67		%	20
			Total Silver (Ag)	2025/03/27	NC		%	20
			Total Strontium (Sr)	2025/03/27	0.74		%	20
			Total Tellurium (Te)	2025/03/27	NC		%	20
			Total Thallium (Tl)	2025/03/27	10		%	20
			Total Thorium (Th)	2025/03/27	NC		%	20
			Total Tin (Sn)	2025/03/27	NC		%	20
			Total Titanium (Ti)	2025/03/27	7.7		%	20
			Total Uranium (U)	2025/03/27	0.89		%	20
			Total Vanadium (V)	2025/03/27	12		%	20
			Total Zinc (Zn)	2025/03/27	0.28		%	20
			Total Zirconium (Zr)	2025/03/27	NC		%	20
B734480	C2L	Matrix Spike	Nitrite (N)	2025/03/27		114	%	80 - 120
B734480	C2L	Spiked Blank	Nitrite (N)	2025/03/27		105	%	80 - 120
B734480	C2L	Method Blank	Nitrite (N)	2025/03/27	ND, RDL=0.0050		mg/L	
B734480	C2L	RPD	Nitrite (N)	2025/03/27	NC		%	20
B734483	C2L	Matrix Spike	Nitrate plus Nitrite (N)	2025/03/27		114	%	80 - 120
B734483	C2L	Spiked Blank	Nitrate plus Nitrite (N)	2025/03/27		112	%	80 - 120
B734483	C2L	Method Blank	Nitrate plus Nitrite (N)	2025/03/27	ND, RDL=0.020		mg/L	
B734483	C2L	RPD	Nitrate plus Nitrite (N)	2025/03/27	NC		%	25
B734692	MYO	Matrix Spike	Bromide (Br)	2025/03/27		88	%	78 - 120
B734692	MYO	Spiked Blank	Bromide (Br)	2025/03/27		102	%	80 - 120
B734692	MYO	Method Blank	Bromide (Br)	2025/03/27	ND, RDL=0.010		mg/L	
B734692	MYO	RPD	Bromide (Br)	2025/03/27	NC (2)		%	20
B735474	MEM	Matrix Spike [DHA098-07]	Total Aluminum (Al)	2025/03/29		101	%	80 - 120
			Total Antimony (Sb)	2025/03/29		97	%	80 - 120
			Total Arsenic (As)	2025/03/29		99	%	80 - 120
			Total Barium (Ba)	2025/03/29		100	%	80 - 120
			Total Beryllium (Be)	2025/03/29		100	%	80 - 120
			Total Bismuth (Bi)	2025/03/29		91	%	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 Boron (B)	2025/03/29		91	%	80 - 120
			Total Cadmium (Cd)	2025/03/29		98	%	80 - 120
			Total Chromium (Cr)	2025/03/29		99	%	80 - 120
			Total Cobalt (Co)	2025/03/29		97	%	80 - 120
			Total Copper (Cu)	2025/03/29		97	%	80 - 120
			Total Iron (Fe)	2025/03/29		97	%	80 - 120
			Total Lead (Pb)	2025/03/29		98	%	80 - 120
			Total Lithium (Li)	2025/03/29		103	%	80 - 120
			Total Manganese (Mn)	2025/03/29		98	%	80 - 120
			Total Molybdenum (Mo)	2025/03/29		93	%	80 - 120
			Total Nickel (Ni)	2025/03/29		97	%	80 - 120
			Total Phosphorus (P)	2025/03/29		100	%	80 - 120
			Total Selenium (Se)	2025/03/29		99	%	80 - 120
			Total Silicon (Si)	2025/03/29		100	%	80 - 120
			Total Silver (Ag)	2025/03/29		99	%	80 - 120
			Total Strontium (Sr)	2025/03/29		99	%	80 - 120
			Total Thallium (Tl)	2025/03/29		93	%	80 - 120
			Total Tin (Sn)	2025/03/29		95	%	80 - 120
			Total Titanium (Ti)	2025/03/29		101	%	80 - 120
			Total Uranium (U)	2025/03/29		97	%	80 - 120
			Total Vanadium (V)	2025/03/29		100	%	80 - 120
			Total Zinc (Zn)	2025/03/29		100	%	80 - 120
			Total Zirconium (Zr)	2025/03/29		92	%	80 - 120
B735474	MEM	Spiked Blank	Total Aluminum (Al)	2025/03/29		100	%	80 - 120
			Total Antimony (Sb)	2025/03/29		99	%	80 - 120
			Total Arsenic (As)	2025/03/29		98	%	80 - 120
			Total Barium (Ba)	2025/03/29		99	%	80 - 120
			Total Beryllium (Be)	2025/03/29		97	%	80 - 120
			Total Bismuth (Bi)	2025/03/29		95	%	80 - 120
			Total Boron (B)	2025/03/29		91	%	80 - 120
			Total Cadmium (Cd)	2025/03/29		97	%	80 - 120
			Total Chromium (Cr)	2025/03/29		99	%	80 - 120
			Total Cobalt (Co)	2025/03/29		99	%	80 - 120
			Total Copper (Cu)	2025/03/29		100	%	80 - 120
			Total Iron (Fe)	2025/03/29		98	%	80 - 120
			Total Lead (Pb)	2025/03/29		101	%	80 - 120
			Total Lithium (Li)	2025/03/29		103	%	80 - 120
			Total Manganese (Mn)	2025/03/29		98	%	80 - 120
			Total Molybdenum (Mo)	2025/03/29		98	%	80 - 120
			Total Nickel (Ni)	2025/03/29		100	%	80 - 120
			Total Phosphorus (P)	2025/03/29		102	%	80 - 120
			Total Selenium (Se)	2025/03/29		97	%	80 - 120
			Total Silicon (Si)	2025/03/29		98	%	80 - 120
			Total Silver (Ag)	2025/03/29		98	%	80 - 120
			Total Strontium (Sr)	2025/03/29		96	%	80 - 120
			Total Thallium (Tl)	2025/03/29		95	%	80 - 120
			Total Tin (Sn)	2025/03/29		95	%	80 - 120
			Total Titanium (Ti)	2025/03/29		103	%	80 - 120
			Total Uranium (U)	2025/03/29		99	%	80 - 120
			Total Vanadium (V)	2025/03/29		99	%	80 - 120
			Total Zinc (Zn)	2025/03/29		98	%	80 - 120
			Total Zirconium (Zr)	2025/03/29		91	%	80 - 120

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QA/QC Batch	Init	QC Type	Parameter	Date Analyzed	Value	Recovery	UNITS	QC Limits
B735474	MEM	Method Blank	Total Aluminum (Al)	2025/03/29	ND, RDL=3.0		ug/L	
			Total Antimony (Sb)	2025/03/29	ND, RDL=0.020		ug/L	
			Total Arsenic (As)	2025/03/29	ND, RDL=0.020		ug/L	
			Total Barium (Ba)	2025/03/29	ND, RDL=0.050		ug/L	
			Total Beryllium (Be)	2025/03/29	ND, RDL=0.010		ug/L	
			Total Bismuth (Bi)	2025/03/29	ND, RDL=0.010		ug/L	
			Total Boron (B)	2025/03/29	ND, RDL=10		ug/L	
			Total Cadmium (Cd)	2025/03/29	ND, RDL=0.0050		ug/L	
			Total Chromium (Cr)	2025/03/29	ND, RDL=0.10		ug/L	
			Total Cobalt (Co)	2025/03/29	ND, RDL=0.010		ug/L	
			Total Copper (Cu)	2025/03/29	ND, RDL=0.10		ug/L	
			Total Iron (Fe)	2025/03/29	ND, RDL=5.0		ug/L	
			Total Lead (Pb)	2025/03/29	ND, RDL=0.020		ug/L	
			Total Lithium (Li)	2025/03/29	ND, RDL=0.50		ug/L	
			Total Manganese (Mn)	2025/03/29	ND, RDL=0.10		ug/L	
			Total Molybdenum (Mo)	2025/03/29	ND, RDL=0.050		ug/L	
			Total Nickel (Ni)	2025/03/29	ND, RDL=0.10		ug/L	
			Total Phosphorus (P)	2025/03/29	ND, RDL=5.0		ug/L	
			Total Selenium (Se)	2025/03/29	ND, RDL=0.040		ug/L	
			Total Silicon (Si)	2025/03/29	ND, RDL=50		ug/L	
			Total Silver (Ag)	2025/03/29	ND, RDL=0.010		ug/L	
			Total Strontium (Sr)	2025/03/29	ND, RDL=0.050		ug/L	
			Total Thallium (Tl)	2025/03/29	ND, RDL=0.0020		ug/L	
			Total Tin (Sn)	2025/03/29	ND, RDL=0.20		ug/L	
			Total Titanium (Ti)	2025/03/29	ND, RDL=2.0		ug/L	
			Total Uranium (U)	2025/03/29	ND, RDL=0.0050		ug/L	
			Total Vanadium (V)	2025/03/29	ND, RDL=0.20		ug/L	

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QUALITY ASSURANCE REPORT(CONT'D)

QA/QC Batch	Init	QC Type	Parameter	Date Analyzed	Value	Recovery	UNITS	QC Limits
			Total Zinc (Zn)	2025/03/29	ND, RDL=1.0		ug/L	
			Total Zirconium (Zr)	2025/03/29	ND, RDL=0.10		ug/L	
B735474	MEM	RPD	Total Aluminum (Al)	2025/03/29	4.8		%	20
			Total Antimony (Sb)	2025/03/29	4.8		%	20
			Total Arsenic (As)	2025/03/29	6.2		%	20
			Total Barium (Ba)	2025/03/29	4.7		%	20
			Total Beryllium (Be)	2025/03/29	NC		%	20
			Total Bismuth (Bi)	2025/03/29	NC		%	20
			Total Boron (B)	2025/03/29	NC		%	20
			Total Cadmium (Cd)	2025/03/29	0		%	20
			Total Chromium (Cr)	2025/03/29	1.8		%	20
			Total Cobalt (Co)	2025/03/29	9.6		%	20
			Total Copper (Cu)	2025/03/29	3.3		%	20
			Total Iron (Fe)	2025/03/29	4.8		%	20
			Total Lead (Pb)	2025/03/29	2.3		%	20
			Total Lithium (Li)	2025/03/29	5.0		%	20
			Total Manganese (Mn)	2025/03/29	0.85		%	20
			Total Molybdenum (Mo)	2025/03/29	11		%	20
			Total Nickel (Ni)	2025/03/29	7.8		%	20
			Total Phosphorus (P)	2025/03/29	5.9		%	20
			Total Selenium (Se)	2025/03/29	5.8		%	20
			Total Silicon (Si)	2025/03/29	3.5		%	20
			Total Silver (Ag)	2025/03/29	9.5		%	20
			Total Strontium (Sr)	2025/03/29	3.4		%	20
			Total Thallium (Tl)	2025/03/29	8.7		%	20
			Total Tin (Sn)	2025/03/29	NC		%	20
			Total Titanium (Ti)	2025/03/29	NC		%	20
			Total Uranium (U)	2025/03/29	8.5		%	20
			Total Vanadium (V)	2025/03/29	1.7		%	20
			Total Zinc (Zn)	2025/03/29	0.14		%	20
			Total Zirconium (Zr)	2025/03/29	0		%	20
B735610	NGU	Matrix Spike	1,4-Difluorobenzene (sur.)	2025/03/28		103	%	70 - 130
			4-Bromofluorobenzene (sur.)	2025/03/28		96	%	70 - 130
			D4-1,2-Dichloroethane (sur.)	2025/03/28		105	%	70 - 130
			Methyl-tert-butylether (MTBE)	2025/03/28		105	%	70 - 130
			Benzene	2025/03/28		99	%	70 - 130
			Toluene	2025/03/28		100	%	70 - 130
			Ethylbenzene	2025/03/28		102	%	70 - 130
			m & p-Xylene	2025/03/28		100	%	70 - 130
			o-Xylene	2025/03/28		99	%	70 - 130
			Styrene	2025/03/28		103	%	70 - 130
B735610	NGU	Spiked Blank	1,4-Difluorobenzene (sur.)	2025/03/28		108	%	70 - 130
			4-Bromofluorobenzene (sur.)	2025/03/28		92	%	70 - 130
			D4-1,2-Dichloroethane (sur.)	2025/03/28		109	%	70 - 130
			Methyl-tert-butylether (MTBE)	2025/03/28		111	%	70 - 130
			Benzene	2025/03/28		108	%	70 - 130
			Toluene	2025/03/28		103	%	70 - 130
			Ethylbenzene	2025/03/28		104	%	70 - 130
			m & p-Xylene	2025/03/28		101	%	70 - 130
			o-Xylene	2025/03/28		100	%	70 - 130
			Styrene	2025/03/28		102	%	70 - 130

QUALITY ASSURANCE REPORT(CONT'D)

QA/QC Batch	Init	QC Type	Parameter	Date Analyzed	Value	Recovery	UNITS	QC Limits
			F1 (C6-C10)	2025/03/28		92	%	70 - 130
B735610	NGU	Method Blank	1,4-Difluorobenzene (sur.)	2025/03/28		105	%	70 - 130
			4-Bromofluorobenzene (sur.)	2025/03/28		94	%	70 - 130
			D4-1,2-Dichloroethane (sur.)	2025/03/28		106	%	70 - 130
			Methyl-tert-butylether (MTBE)	2025/03/28	ND, RDL=4.0		ug/L	
			Benzene	2025/03/28	ND, RDL=0.40		ug/L	
			Toluene	2025/03/28	ND, RDL=0.40		ug/L	
			Ethylbenzene	2025/03/28	ND, RDL=0.40		ug/L	
			m & p-Xylene	2025/03/28	ND, RDL=0.40		ug/L	
			o-Xylene	2025/03/28	ND, RDL=0.40		ug/L	
			Styrene	2025/03/28	ND, RDL=0.40		ug/L	
			Xylenes (Total)	2025/03/28	ND, RDL=0.40		ug/L	
			F1 (C6-C10)	2025/03/28	ND, RDL=300		ug/L	
B735610	NGU	RPD	Methyl-tert-butylether (MTBE)	2025/03/28	NC		%	30
			Benzene	2025/03/28	NC		%	30
			Toluene	2025/03/28	NC		%	30
			Ethylbenzene	2025/03/28	NC		%	30
			m & p-Xylene	2025/03/28	NC		%	30
			o-Xylene	2025/03/28	NC		%	30
			Styrene	2025/03/28	NC		%	30
			Xylenes (Total)	2025/03/28	NC		%	30
B735655	JLP	Matrix Spike	Total Hex. Chromium (Cr 6+)	2025/03/28		98	%	80 - 120
B735655	JLP	Spiked Blank	Total Hex. Chromium (Cr 6+)	2025/03/28		102	%	80 - 120
B735655	JLP	Method Blank	Total Hex. Chromium (Cr 6+)	2025/03/28	ND, RDL=0.00099		mg/L	
B735655	JLP	RPD [DHA096-12]	Total Hex. Chromium (Cr 6+)	2025/03/28	19		%	20
B735655	JLP	RPD [DHA102-12]	Total Hex. Chromium (Cr 6+)	2025/03/28	NC		%	20
B735833	IC4	Matrix Spike [DHA096-11]	Total Mercury (Hg)	2025/03/28		97	%	80 - 120
B735833	IC4	Spiked Blank	Total Mercury (Hg)	2025/03/28		90	%	80 - 120
B735833	IC4	Method Blank	Total Mercury (Hg)	2025/03/28	ND, RDL=0.0019		ug/L	
B735833	IC4	RPD [DHA096-11]	Total Mercury (Hg)	2025/03/28	5.5		%	20
B735941	LS2	Matrix Spike	D10-ANTHRACENE (sur.)	2025/03/29		82	%	50 - 140
			D8-ACENAPHTHYLENE (sur.)	2025/03/29		88	%	50 - 140
			D8-NAPHTHALENE (sur.)	2025/03/29		87	%	50 - 140
			TERPHENYL-D14 (sur.)	2025/03/29		56	%	50 - 140
			Quinoline	2025/03/29		115	%	50 - 140
			Naphthalene	2025/03/29		NC	%	50 - 140
			1-Methylnaphthalene	2025/03/29		NC	%	50 - 140
			2-Methylnaphthalene	2025/03/29		96	%	50 - 140
			Acenaphthylene	2025/03/29		97	%	50 - 140
			Acenaphthene	2025/03/29		NC	%	50 - 140
			Fluorene	2025/03/29		97	%	50 - 140

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QA/QC Batch	Init	QC Type	Parameter	Date Analyzed	Value	Recovery	UNITS	QC Limits
			Phenanthrene	2025/03/29		96	%	50 - 140
			Anthracene	2025/03/29		92	%	50 - 140
			Acridine	2025/03/29		105	%	50 - 140
			Fluoranthene	2025/03/29		96	%	50 - 140
			Pyrene	2025/03/29		97	%	50 - 140
			Benzo(a)anthracene	2025/03/29		83	%	50 - 140
			Chrysene	2025/03/29		86	%	50 - 140
			Benzo(b&j)fluoranthene	2025/03/29		33 (1)	%	50 - 140
			Benzo(k)fluoranthene	2025/03/29		33 (1)	%	50 - 140
			Benzo(a)pyrene	2025/03/29		31 (1)	%	50 - 140
			Indeno(1,2,3-cd)pyrene	2025/03/29		16 (1)	%	50 - 140
			Dibenz(a,h)anthracene	2025/03/29		15 (1)	%	50 - 140
			Benzo(g,h,i)perylene	2025/03/29		17 (1)	%	50 - 140
B735941	LS2	Spiked Blank	D10-ANTHRACENE (sur.)	2025/03/29		95	%	50 - 140
			D8-ACENAPHTHYLENE (sur.)	2025/03/29		92	%	50 - 140
			D8-NAPHTHALENE (sur.)	2025/03/29		90	%	50 - 140
			TERPHENYL-D14 (sur.)	2025/03/29		94	%	50 - 140
			Quinoline	2025/03/29		105	%	50 - 140
			Naphthalene	2025/03/29		92	%	50 - 140
			1-Methylnaphthalene	2025/03/29		89	%	50 - 140
			2-Methylnaphthalene	2025/03/29		86	%	50 - 140
			Acenaphthylene	2025/03/29		92	%	50 - 140
			Acenaphthene	2025/03/29		91	%	50 - 140
			Fluorene	2025/03/29		92	%	50 - 140
			Phenanthrene	2025/03/29		90	%	50 - 140
			Anthracene	2025/03/29		92	%	50 - 140
			Acridine	2025/03/29		95	%	50 - 140
			Fluoranthene	2025/03/29		92	%	50 - 140
			Pyrene	2025/03/29		93	%	50 - 140
			Benzo(a)anthracene	2025/03/29		88	%	50 - 140
			Chrysene	2025/03/29		90	%	50 - 140
			Benzo(b&j)fluoranthene	2025/03/29		90	%	50 - 140
			Benzo(k)fluoranthene	2025/03/29		91	%	50 - 140
			Benzo(a)pyrene	2025/03/29		86	%	50 - 140
			Indeno(1,2,3-cd)pyrene	2025/03/29		86	%	50 - 140
			Dibenz(a,h)anthracene	2025/03/29		82	%	50 - 140
			Benzo(g,h,i)perylene	2025/03/29		88	%	50 - 140
B735941	LS2	Method Blank	D10-ANTHRACENE (sur.)	2025/03/29		94	%	50 - 140
			D8-ACENAPHTHYLENE (sur.)	2025/03/29		88	%	50 - 140
			D8-NAPHTHALENE (sur.)	2025/03/29		83	%	50 - 140
			TERPHENYL-D14 (sur.)	2025/03/29		88	%	50 - 140
			Quinoline	2025/03/29	ND, RDL=0.020		ug/L	
			Naphthalene	2025/03/29	ND, RDL=0.10		ug/L	
			1-Methylnaphthalene	2025/03/29	ND, RDL=0.050		ug/L	
			2-Methylnaphthalene	2025/03/29	ND, RDL=0.10		ug/L	
			Acenaphthylene	2025/03/29	ND, RDL=0.050		ug/L	
			Acenaphthene	2025/03/29	ND, RDL=0.050		ug/L	

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QA/QC Batch	Init	QC Type	Parameter	Date Analyzed	Value	Recovery	UNITS	QC Limits
			Fluorene	2025/03/29	ND, RDL=0.050		ug/L	
			Phenanthrene	2025/03/29	ND, RDL=0.050		ug/L	
			Anthracene	2025/03/29	ND, RDL=0.010		ug/L	
			Acridine	2025/03/29	ND, RDL=0.050		ug/L	
			Fluoranthene	2025/03/29	ND, RDL=0.020		ug/L	
			Pyrene	2025/03/29	ND, RDL=0.020		ug/L	
			Benzo(a)anthracene	2025/03/29	ND, RDL=0.010		ug/L	
			Chrysene	2025/03/29	ND, RDL=0.020		ug/L	
			Benzo(b&j)fluoranthene	2025/03/29	ND, RDL=0.030		ug/L	
			Benzo(k)fluoranthene	2025/03/29	ND, RDL=0.050		ug/L	
			Benzo(a)pyrene	2025/03/29	ND, RDL=0.0050		ug/L	
			Indeno(1,2,3-cd)pyrene	2025/03/29	ND, RDL=0.050		ug/L	
			Dibenz(a,h)anthracene	2025/03/29	ND, RDL=0.0030		ug/L	
			Benzo(g,h,i)perylene	2025/03/29	ND, RDL=0.050		ug/L	
B735941	LS2	RPD	Quinoline	2025/03/29	NC		%	40
			Naphthalene	2025/03/29	NC		%	40
			1-Methylnaphthalene	2025/03/29	NC		%	40
			2-Methylnaphthalene	2025/03/29	NC		%	40
			Acenaphthylene	2025/03/29	NC		%	40
			Acenaphthene	2025/03/29	NC		%	40
			Fluorene	2025/03/29	NC		%	40
			Phenanthrene	2025/03/29	NC		%	40
			Anthracene	2025/03/29	NC		%	40
			Acridine	2025/03/29	NC		%	40
			Fluoranthene	2025/03/29	NC		%	40
			Pyrene	2025/03/29	NC		%	40
			Benzo(a)anthracene	2025/03/29	NC		%	40
			Chrysene	2025/03/29	NC		%	40
			Benzo(b&j)fluoranthene	2025/03/29	NC		%	40
			Benzo(k)fluoranthene	2025/03/29	NC		%	40
			Benzo(a)pyrene	2025/03/29	NC		%	40
			Indeno(1,2,3-cd)pyrene	2025/03/29	NC		%	40
			Dibenz(a,h)anthracene	2025/03/29	NC		%	40
			Benzo(g,h,i)perylene	2025/03/29	NC		%	40
B735949	IT1	Matrix Spike	O-TERPHENYL (sur.)	2025/03/28		97	%	60 - 140
			EPH (C10-C19)	2025/03/28		88	%	60 - 140
			EPH (C19-C32)	2025/03/28		97	%	60 - 140
B735949	IT1	Spiked Blank	O-TERPHENYL (sur.)	2025/03/28		100	%	60 - 140
			EPH (C10-C19)	2025/03/28		89	%	70 - 130

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QUALITY ASSURANCE REPORT(CONT'D)

QA/QC Batch	Init	QC Type	Parameter	Date Analyzed	Value	Recovery	UNITS	QC Limits
			EPH (C19-C32)	2025/03/28		96	%	70 - 130
B735949	IT1	Method Blank	O-TERPHENYL (sur.)	2025/03/28		99	%	60 - 140
			EPH (C10-C19)	2025/03/28	ND, RDL=0.20		mg/L	
			EPH (C19-C32)	2025/03/28	ND, RDL=0.20		mg/L	
B735949	IT1	RPD	EPH (C10-C19)	2025/03/28	NC		%	30
			EPH (C19-C32)	2025/03/28	NC		%	30
B736244	IC4	Matrix Spike	Dissolved Mercury (Hg)	2025/03/28		95	%	80 - 120
B736244	IC4	Spiked Blank	Dissolved Mercury (Hg)	2025/03/28		89	%	80 - 120
B736244	IC4	Method Blank	Dissolved Mercury (Hg)	2025/03/28	ND, RDL=0.0019		ug/L	
B736244	IC4	RPD	Dissolved Mercury (Hg)	2025/03/28	NC		%	20
B737215	AAX	Matrix Spike	Methyl Sulfone (sur.)	2025/03/31		89	%	50 - 140
			Ethylene Glycol	2025/03/31		88	%	60 - 140
			Diethylene Glycol	2025/03/31		102	%	60 - 140
			Triethylene Glycol	2025/03/31		93	%	60 - 140
			Propylene Glycol	2025/03/31		89	%	60 - 140
B737215	AAX	Spiked Blank	Methyl Sulfone (sur.)	2025/03/31		86	%	50 - 140
			Ethylene Glycol	2025/03/31		78	%	70 - 130
			Diethylene Glycol	2025/03/31		93	%	70 - 130
			Triethylene Glycol	2025/03/31		85	%	70 - 130
			Propylene Glycol	2025/03/31		80	%	70 - 130
B737215	AAX	Method Blank	Methyl Sulfone (sur.)	2025/03/31		92	%	50 - 140
			Ethylene Glycol	2025/03/31	ND, RDL=3.0		mg/L	
			Diethylene Glycol	2025/03/31	ND, RDL=5.0		mg/L	
			Triethylene Glycol	2025/03/31	ND, RDL=5.0		mg/L	
			Propylene Glycol	2025/03/31	ND, RDL=5.0		mg/L	
B737215	AAX	RPD	Ethylene Glycol	2025/03/31	NC		%	30
			Diethylene Glycol	2025/03/31	NC		%	30
			Triethylene Glycol	2025/03/31	NC		%	30
			Propylene Glycol	2025/03/31	NC		%	30
B737333	TSO	Matrix Spike [DHA102-03]	Total Nitrogen (N)	2025/03/31		100	%	80 - 120
B737333	TSO	Spiked Blank	Total Nitrogen (N)	2025/03/31		101	%	80 - 120
B737333	TSO	Method Blank	Total Nitrogen (N)	2025/03/31	ND, RDL=0.020		mg/L	
B737333	TSO	RPD [DHA102-03]	Total Nitrogen (N)	2025/03/31	7.1		%	20
B737466	NJD	Matrix Spike [DHA102-13]	Total Sulphide	2025/03/31		95	%	80 - 120
B737466	NJD	Spiked Blank	Total Sulphide	2025/03/31		90	%	80 - 120
B737466	NJD	Method Blank	Total Sulphide	2025/03/31	ND, RDL=0.0018		mg/L	
B737466	NJD	RPD	Total Sulphide	2025/03/31	NC		%	20
B737824	IC4	Matrix Spike [DHA098-11]	Total Mercury (Hg)	2025/03/31		95	%	80 - 120
B737824	IC4	Spiked Blank	Total Mercury (Hg)	2025/03/31		92	%	80 - 120
B737824	IC4	Method Blank	Total Mercury (Hg)	2025/03/31	ND, RDL=0.0019		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
B737824	IC4	RPD [DHA098-11]	Total Mercury (Hg)	2025/03/31	4.0		%	20
B740613	AA1	Spiked Blank	Dissolved Aluminum (Al)	2025/04/02		103	%	80 - 120
			Dissolved Antimony (Sb)	2025/04/02		100	%	80 - 120
			Dissolved Arsenic (As)	2025/04/02		102	%	80 - 120
			Dissolved Barium (Ba)	2025/04/02		100	%	80 - 120
			Dissolved Beryllium (Be)	2025/04/02		99	%	80 - 120
			Dissolved Bismuth (Bi)	2025/04/02		97	%	80 - 120
			Dissolved Boron (B)	2025/04/02		102	%	80 - 120
			Dissolved Cadmium (Cd)	2025/04/02		101	%	80 - 120
			Dissolved Cesium (Cs)	2025/04/02		95	%	80 - 120
			Dissolved Chromium (Cr)	2025/04/02		100	%	80 - 120
			Dissolved Cobalt (Co)	2025/04/02		99	%	80 - 120
			Dissolved Copper (Cu)	2025/04/02		97	%	80 - 120
			Dissolved Iron (Fe)	2025/04/02		104	%	80 - 120
			Dissolved Lead (Pb)	2025/04/02		98	%	80 - 120
			Dissolved Lithium (Li)	2025/04/02		98	%	80 - 120
			Dissolved Manganese (Mn)	2025/04/02		99	%	80 - 120
			Dissolved Molybdenum (Mo)	2025/04/02		103	%	80 - 120
			Dissolved Nickel (Ni)	2025/04/02		101	%	80 - 120
			Dissolved Phosphorus (P)	2025/04/02		99	%	80 - 120
			Dissolved Rubidium (Rb)	2025/04/02		106	%	80 - 120
			Dissolved Selenium (Se)	2025/04/02		98	%	80 - 120
			Dissolved Silicon (Si)	2025/04/02		100	%	80 - 120
			Dissolved Silver (Ag)	2025/04/02		100	%	80 - 120
			Dissolved Strontium (Sr)	2025/04/02		102	%	80 - 120
			Dissolved Tellurium (Te)	2025/04/02		102	%	80 - 120
			Dissolved Thallium (Tl)	2025/04/02		95	%	80 - 120
			Dissolved Thorium (Th)	2025/04/02		113	%	80 - 120
			Dissolved Tin (Sn)	2025/04/02		98	%	80 - 120
			Dissolved Titanium (Ti)	2025/04/02		101	%	80 - 120
			Dissolved Uranium (U)	2025/04/02		106	%	80 - 120
			Dissolved Vanadium (V)	2025/04/02		102	%	80 - 120
			Dissolved Zinc (Zn)	2025/04/02		105	%	80 - 120
			Dissolved Zirconium (Zr)	2025/04/02		100	%	80 - 120
B740613	AA1	Method Blank	Dissolved Aluminum (Al)	2025/04/02	ND, RDL=0.50		ug/L	
			Dissolved Antimony (Sb)	2025/04/02	ND, RDL=0.020		ug/L	
			Dissolved Arsenic (As)	2025/04/02	ND, RDL=0.020		ug/L	
			Dissolved Barium (Ba)	2025/04/02	ND, RDL=0.020		ug/L	
			Dissolved Beryllium (Be)	2025/04/02	ND, RDL=0.010		ug/L	
			Dissolved Bismuth (Bi)	2025/04/02	ND, RDL=0.0050		ug/L	
			Dissolved Boron (B)	2025/04/02	ND, RDL=10		ug/L	
			Dissolved Cadmium (Cd)	2025/04/02	ND, RDL=0.0050		ug/L	
			Dissolved Cesium (Cs)	2025/04/02	ND, RDL=0.050		ug/L	

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QUALITY ASSURANCE REPORT(CONT'D)

QA/QC Batch	Init	QC Type	Parameter	Date Analyzed	Value	Recovery	UNITS	QC Limits
			Dissolved Chromium (Cr)	2025/04/02	ND, RDL=0.10		ug/L	
			Dissolved Cobalt (Co)	2025/04/02	ND, RDL=0.0050		ug/L	
			Dissolved Copper (Cu)	2025/04/02	ND, RDL=0.050		ug/L	
			Dissolved Iron (Fe)	2025/04/02	ND, RDL=1.0		ug/L	
			Dissolved Lead (Pb)	2025/04/02	ND, RDL=0.0050		ug/L	
			Dissolved Lithium (Li)	2025/04/02	ND, RDL=0.50		ug/L	
			Dissolved Manganese (Mn)	2025/04/02	ND, RDL=0.050		ug/L	
			Dissolved Molybdenum (Mo)	2025/04/02	ND, RDL=0.050		ug/L	
			Dissolved Nickel (Ni)	2025/04/02	ND, RDL=0.020		ug/L	
			Dissolved Phosphorus (P)	2025/04/02	ND, RDL=2.0		ug/L	
			Dissolved Rubidium (Rb)	2025/04/02	ND, RDL=0.050		ug/L	
			Dissolved Selenium (Se)	2025/04/02	ND, RDL=0.040		ug/L	
			Dissolved Silicon (Si)	2025/04/02	ND, RDL=50		ug/L	
			Dissolved Silver (Ag)	2025/04/02	ND, RDL=0.0050		ug/L	
			Dissolved Strontium (Sr)	2025/04/02	ND, RDL=0.050		ug/L	
			Dissolved Tellurium (Te)	2025/04/02	ND, RDL=0.020		ug/L	
			Dissolved Thallium (Tl)	2025/04/02	ND, RDL=0.0020		ug/L	
			Dissolved Thorium (Th)	2025/04/02	ND, RDL=0.0050		ug/L	
			Dissolved Tin (Sn)	2025/04/02	ND, RDL=0.20		ug/L	
			Dissolved Titanium (Ti)	2025/04/02	ND, RDL=0.50		ug/L	
			Dissolved Uranium (U)	2025/04/02	ND, RDL=0.0020		ug/L	
			Dissolved Vanadium (V)	2025/04/02	ND, RDL=0.20		ug/L	
			Dissolved Zinc (Zn)	2025/04/02	ND, RDL=0.10		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 Zirconium (Zr)	2025/04/02	ND, RDL=0.10		ug/L	

N/A = Not Applicable

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

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

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

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

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

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

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

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

(2) RDL raised due to sample matrix interference.

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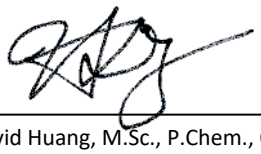
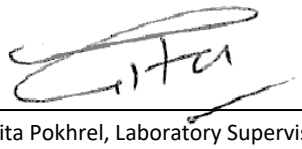
VALIDATION SIGNATURE PAGE

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



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



Gita Pokhrel, Laboratory Supervisor

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

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

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

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08548954

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Tel: (604) 734-7276 Toll Free: (800) 665-8566

CHAIN OF CUSTODY RECORD
ENV COC - 00015v3

Invoice Information	Invoice to (requires report) ☑	Report Information (if differs from invoice)		Project Information	
Company:	Hatfield Consultants	Company:		Quotation #:	C50190
Contact Name:		Contact Name:		P.O. #/ AFE#:	
Street Address:	200-850 Harbourside Dr	Street Address:		Project #:	FORTIS11234
City: North Vancouver Prov: BC	Postal Code: V7P 0A3	City: Prov:	Postal Code:	Site #:	
Phone:	16049263261	Phone:		Site Location:	
Email:	jchoyce@hatfieldgroup.com	Email:		Site Location Province:	BC
Copies:		Copies:		Sampled By:	

LAB USE ONLY - PLACE STICKER HERE

Rush Confirmation #:

Regulatory Criteria

☐ BC CSR ☐ CCME ☐ Drinking Water
☐ YUKON CSR ☒ BC Water Quality ☐ Other:

SAMPLES MUST BE KEPT COOL (<10°C) FROM TIME OF SAMPLING UNTIL DELIVERY TO BUREAU VERITAS

Regular Turnaround Time (TAT)
☒ 5 to 7 Day ☐ 10 Day

Rush Turnaround Time (TAT)
Surcharges apply
☐ Same Day ☐ 1 Day
☐ 2 Day ☐ 3 Day
☐ 4 Day

Date Required: YY MM DD

Analysis columns: 1 FIELD FILTERED; 2 FIELD PRESERVED; 3 LAB FILTRATION REQUIRED; 4 Total hexavalent chromium; 5 Total trivalent chromium; 6 TSS; 7 TDS; 8 Nutrients (ammonia, ammonium, total nitro…); 9 Total sulfide (low) (as H2S), Unionized sulfide; 10 Anions scan (Br, Cl, F, NO2, NO3, SO4); 11 General Parameters (alkalinity); 12 Dissolved metals; 13 Dissolved mercury; 14 Total metals; 15 Total mercury; 16 DOC; 17 Glycols in water GC/FID; 18 Phenols in water GC/MS; 19 BTEX/MTBE LH, VH, F1 in water; 20 EPH/PAH, Total CMW, HMW; 21 # OF CONTAINERS SUBMITTED; 22 HOLD - DO NOT ANALYZE

#	Sample Identification	YY	MM	DD	HH	MM	Matrix	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	Comments
1	WLNG - DS	25	03	25	10	20	water		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X					15		
2	WLNG - EOP	25	03	25	11	15	water		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	23		
3	WLNG - US	25	03	25	11	25	water		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X					15		
4	SQRI - US	25	03	25	14	35	water		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X					15		
5	SQRI - DS	25	03	25	14	57	water		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X					15		
6	SQRI - DS - Field blank	25	03	25	14	45	water		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X					15		
7	Trip blank	25	03	25	—		water				X	X	X	X	X	X	X	X	X	X	X	X	X					15		
8																														
9																														
10																														
11																														
12																														

MVAN-2025-03-1702

LAB USE ONLY	Yes	No	°C		LAB USE ONLY	Yes	No	°C		LAB USE ONLY	Yes	No	°C	Temperature reading by:
Seal present			SEE ACTR		Seal present					Seal present				
Seal intact					Seal intact					Seal intact				
Cooling media present			1 2 3		Cooling media present			1 2 3		Cooling media present			1 2 3	

	Relinquished by: (Signature/ Print)	YY	MM	DD	HH	MM	Received by: (Signature/ Print)	YY	MM	DD	HH	MM	Special Instructions
1	Hayley Mason [signature]	2025	03	25	17	20	Ashish Thomas Varghese [signature]	2025	03	25	17	52	
2													

Ice pack Frozen

C525678
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08548962

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CHAIN OF CUSTODY RECORD

ENV COC - 00015v3

Invoice Information	Invoice to (requires report) ☑	Report Information (if differs from Invoice)		Project Information		
Company:	Hatfield Consultants	Company:		Quotation #:	C50190	LAB USE ONLY - PLACE STICKER HERE
Contact Name:		Contact Name:		P.O. #/ AFE#:		
Street Address:	200-850 Harbourside Dr	Street Address:		Project #:	FORTIS11234	
City:	North Vancouver Prov: BC Postal Code: V7P 0A3	City:	Prov: Postal Code:	Site #:		
Phone:	16049263261	Phone:		Site Location:		Rush Confirmation #:
Email:	jchoyce@hatfieldgroup.com	Email:		Site Location Province:	BC	
Copies:		Copies:		Sampled By:		

Regulatory Criteria

☐ BC CSR ☐ CCME ☐ Drinking Water
☐ YUKON CSR ☒ BC Water Quality ☐ Other: _____

SAMPLES MUST BE KEPT COOL (<10°C) FROM TIME OF SAMPLING UNTIL DELIVERY TO BUREAU VERITAS

	Sample Identification	Date Sampled YY	MM	DD	Time (24hr) HH	MM	Matrix	1 FIELD FILTERED	2 FIELD PRESERVED	3 LAB FILTRATION REQUIRED	4 Total hexavalent chromium	5 Total trivalent chromium	6 TSS	7 TDS	8 Nutrients (ammonia, ammonium, total nitrogen)	9 Total sulfide (low) (as H2S), Unionized sulfide	10 Anions scan (Br, Cl, F, NO2, NO3, SO4)	11 General Parameters (alkalinity)	12 Dissolved metals	13 Dissolved mercury	14 Total metals	15 Total mercury	16 DOC	17 Total PAH	18 Carbon (organic, dissolved)	19 Carbon (total organic)	20	21 # OF CONTAINERS SUBMITTED	22 HOLD - DO NOT ANALYZE	Comments
1	WLNG-DS	25	03	25	10	20	water																						
2	WLNG-EXP	25	03	25	11	15	water																	X	X	X			
3	WLNG-US	25	03	25	11	25	water																						
4																													
5																													
6																													
7																													
8																													
9																													
10																													
11																													
12																													

Regular Turnaround Time (TAT)
☐ 5 to 7 Day ☐ 10 Day

Rush Turnaround Time (TAT) Surcharges apply
☐ Same Day ☐ 1 Day ☐ 2 Day ☐ 3 Day ☐ 4 Day

Date Required: YY MM DD

*UNLESS OTHERWISE AGREED TO IN WRITING, WORK SUBMITTED ON THIS CHAIN OF CUSTODY IS SUBJECT TO BUREAU VERITAS STANDARD TERMS AND CONDITIONS. SIGNING OF THIS CHAIN OF CUSTODY DOCUMENT IS ACKNOWLEDGMENT AND ACCEPTANCE OF OUR TERMS AND CONDITIONS WHICH ARE AVAILABLE FOR VIEWING AT WWW.BVNA.COM/TERMS-AND-CONDITIONS OR BY CALLING THE LABORATORY LISTED ABOVE TO OBTAIN A COPY

LAB USE ONLY	Yes	No	°C	1	2	3
Seal present			SEE ACTR			
Seal intact						
Cooling media present						

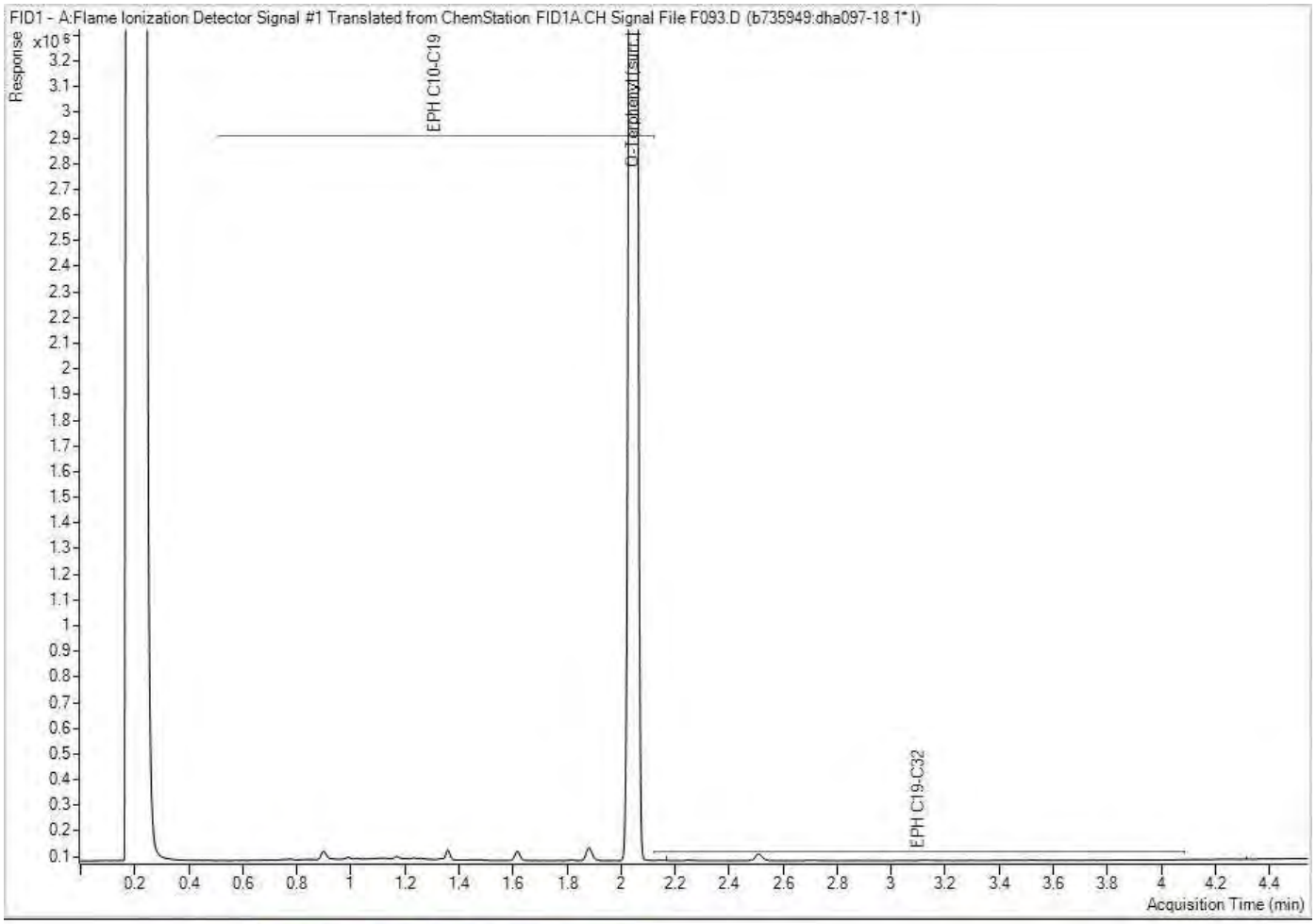
LAB USE ONLY	Yes	No	°C	1	2	3
Seal present						
Seal intact						
Cooling media present						

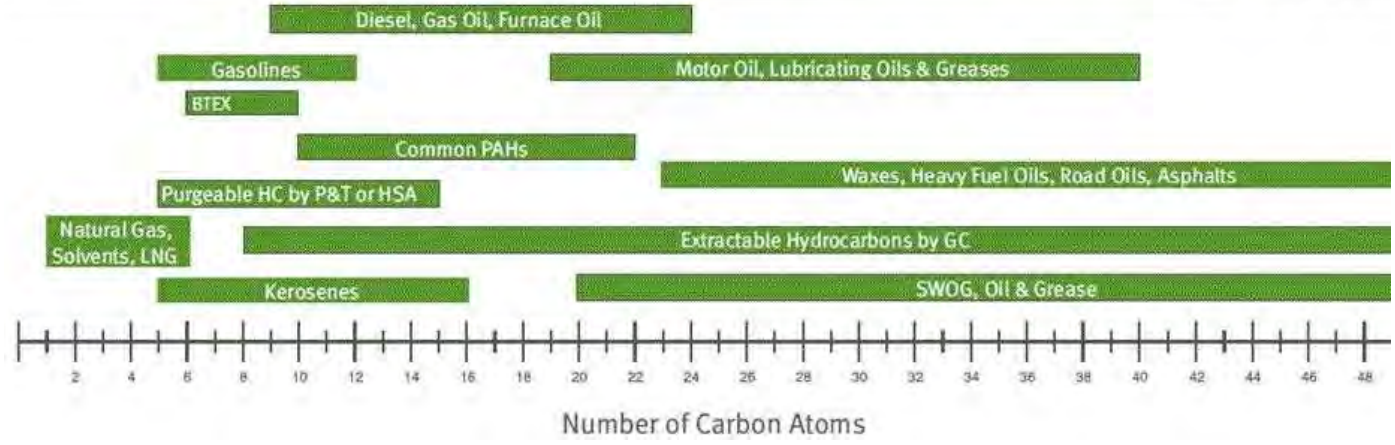
LAB USE ONLY	Yes	No	°C	1	2	3	Temperature reading by:
Seal present							
Seal intact							
Cooling media present							

Relinquished by: (Signature/ Print)	Date YY	MM	DD	Time HH	MM	Received by: (Signature/ Print)	Date YY	MM	DD	Time HH	MM	Special Instructions
1						1 ASHISH THOMAS VARGHESE	2025	03	25	17	52	
2						2						

Ice pack frozen.

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.