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Memo

To:	Kate Schendel Innergex Renewable Energy	From:	Shenley Alkins Stantec Consulting Ltd.
Project/File:	123222596	Date:	August 27, 2026

Reference: K2 Wind Project – Baseline Water Quality Technical Memo

1 Background

K2 Wind Power Inc., a partnership between Westbank First Nation and Innergex Renewable Energy Inc., is proposing to construct and operate the K2 Wind Project (the Project). The proposed Project is located on Pennask Mountain, approximately 40 kilometres (km) west of West Kelowna, British Columbia (BC) within the Westbank First Nation Administrative Area (WFN 2022) (Figure 1). It consists of a 28-turbine wind facility, transmission line options, access roads, and a substation, proposed within an area referred to as the Project footprint. K2 Wind Power Inc. is seeking approval from the BC Energy Regulator (BCER) for construction and operation of the Project.

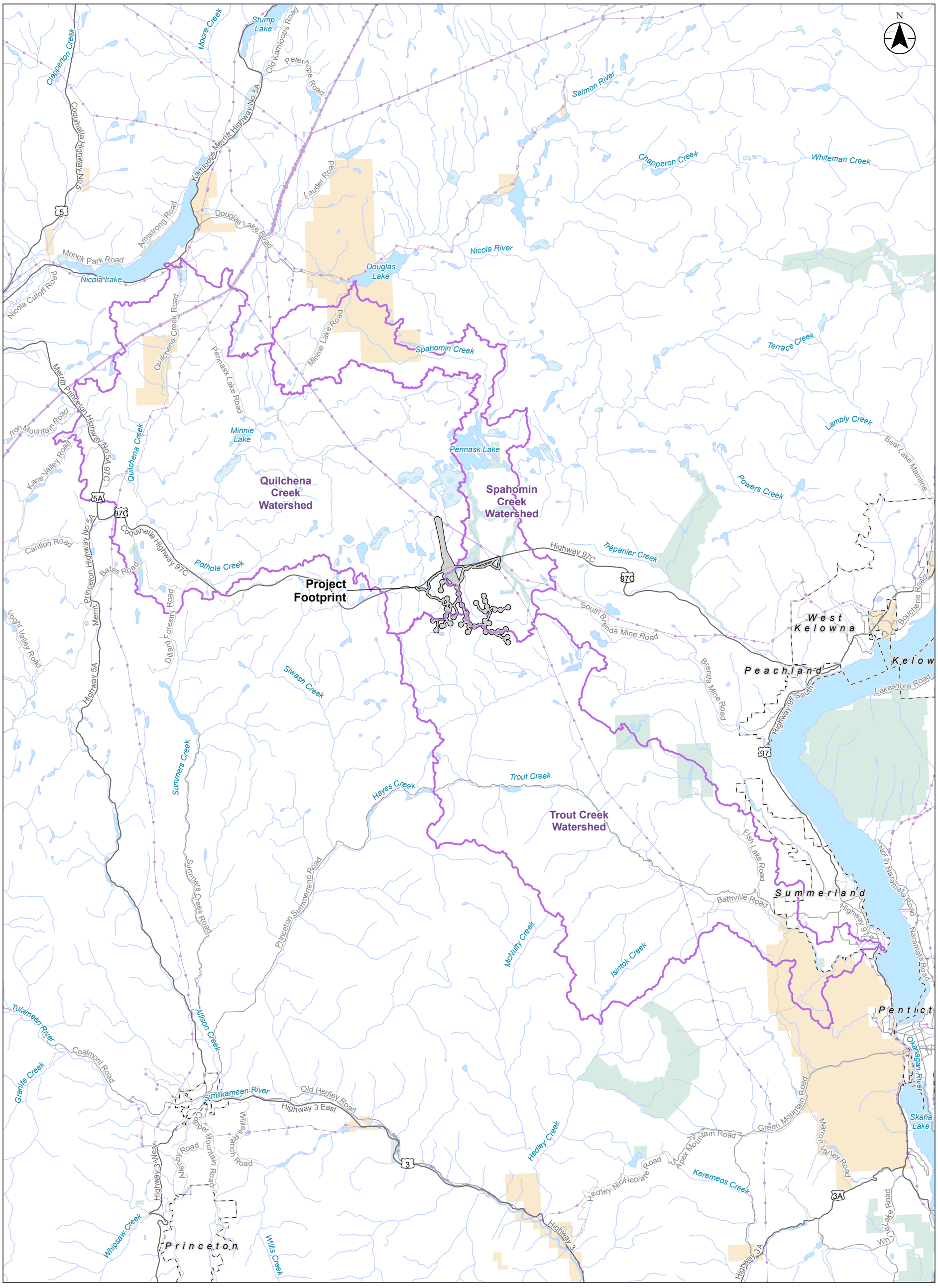
Concerns raised by partner and neighbouring Nations and environmental associations regarding potential effects of the Project on surface water quality, particularly in relation to metal leaching and acid rock drainage (ML/ARD) are associated with historic water quality and ARD issues caused during the construction of highway 97C in the Pennask area. As a recognized issue in the Pennask watershed region, a preliminary assessment completed by WSP had identified areas with potential for acid-generating materials (WSP 2026). In response to these concerns, Stantec was retained to collect surface water quality samples.

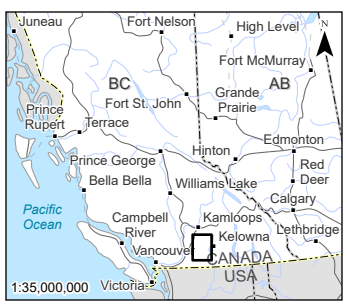
Stantec collected baseline water quality samples from select watercourses in proximity to turbine locations that were also downstream or downslope of areas with elevated ML/ARD potential as identified by WSP. The objective of this sampling was to provide a record of existing conditions to inform engagement and support future monitoring. This Baseline Water Quality Technical Memo summarizes the results of the analysis of surface water samples.

2 Methods

2.1 Sample Locations

Surface water samples were collected from five watercourses that interact with or may be affected by Project development, and which also have elevated ML/ARD potential. One far-field reference site that is not anticipated to be affected by the Project was also sampled. The sample locations are shown in Figure 2 and summarized in Table 2.1.





Notes:
1. Coordinate System: NAD 1983 UTM Zone 10N
2. Data Sources: DataBC, Government of British Columbia; Natural Resources Canada

- Highway
- Road
- Local Street
- Resource Road
- Transmission Line
- Watercourse
- Waterbody
- Wetland
- First Nations Reserve
- Provincial Park
- Municipal Boundary
- Project Footprint
- Named Watershed Boundary

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Project Location: Thompson-Nicola, BC
Project Number: 123222596
Requested by SALKINS 20260609
Prepared by RCOATTA 20260610
Checked by

Client/Project/Report
Innergex
K2 Wind Project
Surface Water Quality Report Memo

Figure No.
1

Title
K2 Wind Project Property Location

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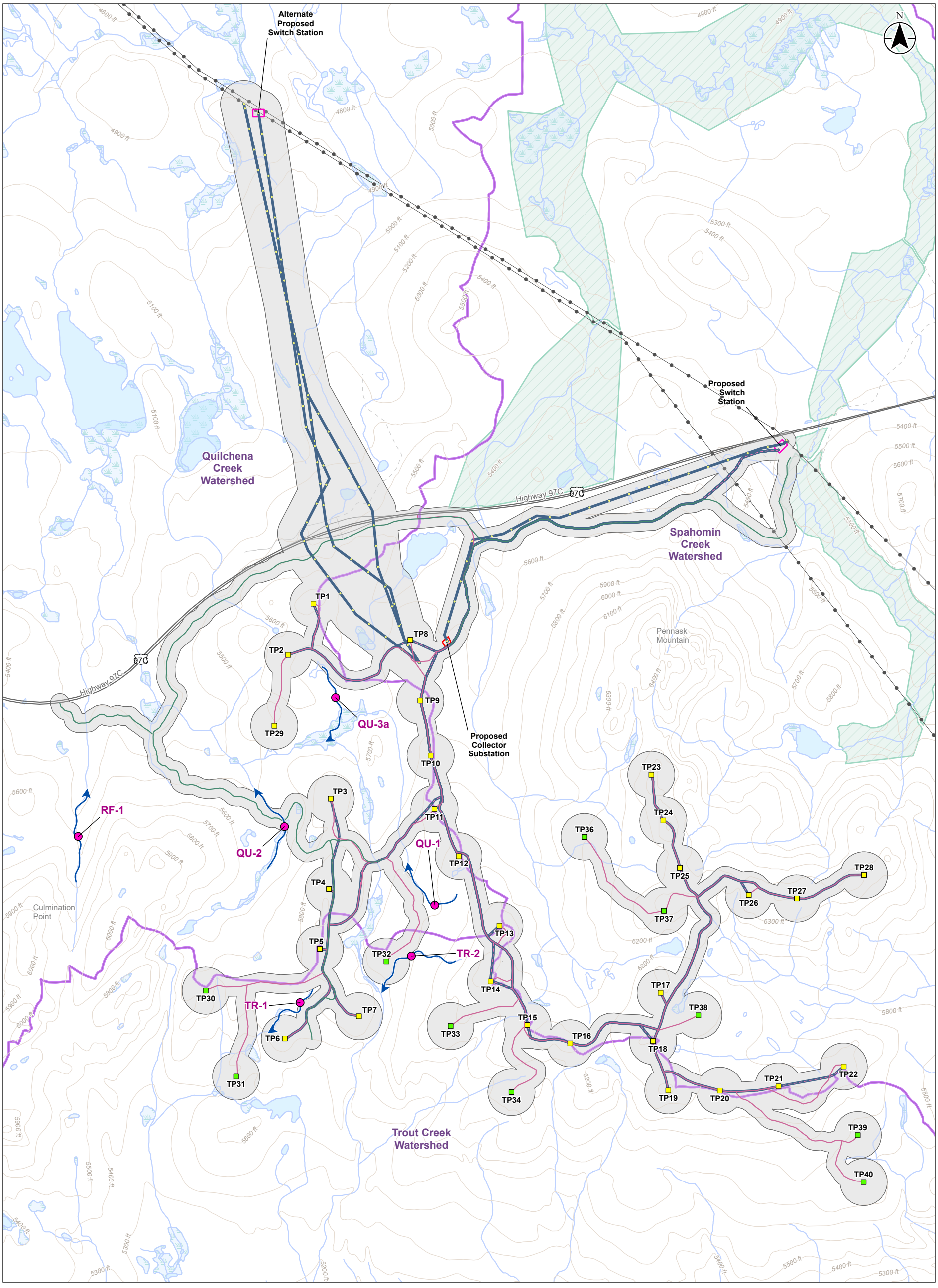

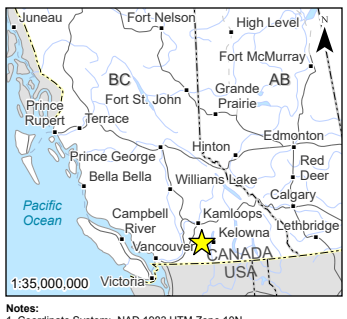

Notes:
1. Coordinate System: NAD 1983 UTM Zone 10N
2. Data Sources: DataBC, Government of British Columbia; Natural Resources Canada; TRIM Enhanced Base Map.
3. Imagery: Google Maps Satellite.

- Highway
- Road
- Local Street
- Resource Road
- Transmission Line
- Watercourse
- Waterbody
- Wetland
- Topographic Contour
- First Nations Reserve
- Provincial Park

- Turbine Pad Location
- Alternate Turbine Pad Location
- Existing Road
- Proposed Road
- Proposed Feeder Line
- Proposed Transmission Line
- Collector Substation
- Switch Station
- Project Footprint

- 2026 Surface Water Quality Sampling Location
- Stream Flow Direction
- Named Watershed Boundary

0 0.5 1 1.5 2 km

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Project Location: Thompson-Nicola, BC

Project Number: 123222596
Requested by SALKINS 20260609
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Figure No.
2

Title
Baseline Water Quality Stations

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Table 2.1 Surface Water Quality Sites for Baseline Characterization, 2026

Watershed	Site ID	Stream Name	Latitude	Longitude	Site Rationale
Quilchena Creek	QU-1	unnamed tributary to Pennask Creek	49.862429	-120.154075	Proximity to PAG sample and the streams' location for potential for downstream exposure.
	QU-2	unnamed tributary to Reservoir Lake	49.870480	-120.175797	Proximity to ML/ARD sample with metal exceedances identified in the metal leaching assessment and the stream's location potential for downstream exposure.
	QU-3a	unnamed tributary to Quilchena Creek	49.882607	-120.167557	Proximity to PAG sample and ML/ARD sample with metal exceedances identified in the metal leaching assessment and the streams' location potential for downstream exposure.
Trout Creek	TR-1	unnamed tributary to North Trout Creek	49.853576	-120.174458	Proximity to ML/ARD sample with metal exceedances identified in the metal leaching assessment and the streams' location potential for downstream exposure.
	TR-2	unnamed tributary to Pitin Creek	49.857664	-120.157804	Proximity to ML/ARD sample with metal exceedances identified in the metal leaching assessment and the streams' location potential for downstream exposure.
	RF-1	unnamed tributary to Reservoir Lake	49.870289	-120.206314	Reference site for Trout Creek watershed and Project in general.

Notes:

PAG = potentially acid generating; ML/ARD = metal leaching and acid rock drainage

2.2 Stream Sampling Methods

2.2.1 Field Methods

Water samples were collected following the methods described in the *British Columbia Field Sampling Manual* (Ministry of Environment and Climate Change Strategy [ENV] 2024a) on May 28 and 29, 2026.

At each site, the site name, location, date, time, weather, and photos (upstream, downstream, and across) were recorded. In situ water quality parameters (i.e., temperature, pH, conductivity, dissolved oxygen [DO] concentration, Oxidation-Reduction Potential [ORP] and turbidity) were measured using a calibrated multiparameter meter (YSI ProDSS). The multiparameter meter was placed in the stream at mid-depth in flowing water and allowed to equilibrate before measurements were recorded.

Surface water quality samples were collected by holding laboratory-supplied clean bottles beneath the surface and oriented upstream into the current while wearing nitrile gloves. Care was taken to limit sediment resuspension during sample collection. Samples for dissolved metals and nutrients were field filtered and preserved.

Samples were placed in coolers with ice packs to keep them cool (<10°C), but not frozen, and in the dark until they reached the laboratory. Samples were sent to ALS Environmental Ltd. (ALS) Burnaby, a Canadian Association for Laboratory Accreditation (CALA) certified laboratory, within 72 hours to meet minimum hold times.

2.2.2 Laboratory Analysis

Samples were analyzed in the lab for physical parameters, anions, nutrients, organics, and total and dissolved metals following the *BC Environmental Laboratory Manual* (ENV 2024b).

2.2.3 Quality Assurance/Quality Control

Quality Assurance/Quality Control (QA/QC) protocols outlined in *The British Columbia Field Sampling Manual* (ENV 2024a) and *British Columbia Environmental Laboratory Manual* (ENV 2024b) were followed for field and laboratory procedures. Field QA/QC procedures included using standardized sampling sheets for data collection, completing chain of custody forms as per laboratory guidance, collecting field and trip blank samples, and collecting field duplicate samples.

Field blank samples were collected to assess potential cross-contamination during sample collection and to assess impurity from chemical preservatives. Travel blanks (i.e., lab-supplied water that accompanies the sampling containers) were brought into the field to assess potential cross-contamination during transit and storage of samples. Travel blanks were kept in a sealed bag in a cooler during transport.

Duplicate samples were collected to assess reproducibility of sample results. Field duplicate samples were collected at ≥10% of sampling sites and were submitted to the laboratory to assess heterogeneity of field sampling and laboratory precision. Duplicate sample results were compared to parent sample results using relative percent difference (RPD), with a data quality objective (DQO) of less than 50% difference for values more than five times the detection limit (ENV 2024b), using the formula:

$$RPD = \frac{|result\ 1\ -\ result\ 2|}{(result\ 1 + result\ 2) \div 2}\ x\ 100$$

Upon returning from the field, standardized water quality QA/QC protocols were applied based on the *British Columbia Field Sampling Manual* (ENV 2024b). These protocols included reviewing the field notes for each station, checking that in-situ results were in appropriate units, and that data were within equipment sensitivity ranges. Laboratory sample receipts were reviewed for samples received, sample temperatures, hold times and requested analyses. Following receipt of the laboratory results, the data were reviewed. The QA/QC protocols included reviewing results for samples submitted, requested analysis, detection limits, and laboratory QA/QC results.

2.3 Data Analysis

Water quality data were screened against the short-term and long-term BC Approved and Working Water Quality Guidelines for the Protection of Freshwater Aquatic Life (BCWQG-FAL; ENV 2025c; ENV 2026). Where BCWQG-FAL were not available for some parameters, Canadian Water Quality Guideline for the Protection of Freshwater Aquatic Life (CWQG-FAL; CCME 2026) were used.

Water quality results were compared to the short-term and long-term water quality guidelines. Short-term acute guidelines address lethality to the most sensitive species and life stage over a defined short-term exposure (e.g., 96 hours). Long-term chronic (i.e., average) guidelines address sub-lethal and lethal long-term effects for indefinite exposures and are typically compared to five samples over 30 days as this is the minimum sample frequency and duration required to calculate averages for comparison to the long-term guidelines (ENV 2024b). While this data analysis includes comparison to long-term guidelines, these results should be interpreted with this in mind.

Water quality guidelines used in the data analysis are provided in Attachment A.

3 Results

Water quality data is presented in Attachment A.

3.1 Data Summary

3.1.1 In Situ Parameters

Stream temperatures ranged from 5.8 °C to 10.5°C. Dissolved oxygen ranged from 8.18 mg/L to 10.34 mg/L. Specific conductance ranged from 16.3 µS/cm to 39.9 µS/cm. Stream pH ranged from 6.16 to 6.79 indicating that stream pH is more acidic than alkaline. Three sites had a pH value below the minimum long-term BCWQG-FAL. This included two sites in the Quilchena Creek watershed (QU-1 and QU-3a), and one site in the Trout Creek watershed (RF-1).

3.1.2 General Parameters and Anions

Water hardness (measured as mg/L calcium carbonate [$CaCO_3$]) ranged from 4.97 mg/L to 18.3 mg/L indicating the streams sampled contain soft water (Resource Inventory Committee [RIC 1998]). Alkalinity (as total mg/L $CaCO_3$) is a measure of the water's ability to neutralize acids through its buffering capacity (RIC 1998). Alkalinity ranged from 5.9 mg/L to 15.4 mg/L $CaCO_3$. Sensitivity to acid inputs was high (alkalinity <10 mg/L) to moderate (alkalinity between 10 mg/L and 20 mg/L). Three samples had an alkalinity below 10 mg/L $CaCO_3$ indicating low buffering capacity, these included samples from two sites in the Trout Creek watershed, RF-1 and TR-2, and one site in the Quilchena Creek watershed, QU-1.

Ammonia (measured as total N) ranged from below the detection (<0.005 mg/L) to 0.0102 mg/L. Chloride concentrations were below the detection limit (<0.5 mg/L). Fluoride concentrations were slightly above the detection limit (<0.02 mg/L) ranging from 0.024 mg/L to 0.035 mg/L. Sulfate (measured as SO_4) concentrations ranged from 0.62 mg/L to 3.03 mg/L. Concentrations of ammonia, chloride, fluoride and sulfate were below the short-term and long-term BCWQG-FALs.

3.1.3 Suspended Material

Turbidity was below 5 NTU at each site sampled, ranging from 1.52 NTU to 1.95 NTU. Total suspended solids were below the detection limit of 3.0 mg/L.

3.1.4 Nutrients and Organic Carbon

Nitrate concentrations (measured as mg/L of N) ranged from below the detection limit (<0.005 mg/L) to 0.0205 mg/L. Nitrite (measured as mg/L of N) concentrations ranged from below the detection limit (<0.001 mg/L) to 0.0045 mg/L. Ammonia concentrations (measured as mg/L of N) ranged from less than the detection limit (< 0.005 mg/L) to 0.0102 mg/L. Nitrate, nitrite, and ammonia concentrations were below the BCWQG-FAL or CWQG-FAL.

Total phosphorus concentrations ranged from 0.0055 mg/L to 0.0218 mg/L. Total organic carbon (TOC) concentrations ranged from 5.54 mg/L to 19.9 mg/L. Dissolved organic carbon (DOC) concentrations ranged from 4.97 mg/L to 19.4 mg/L. Photo 1 illustrates the presence of coloured/chromophoric dissolved organic matter (tannins) which is typical of the Project streams.

Photo 1 Sample Site TR-1, an unnamed tributary to North Trout Creek, May 28, 2026

3.1.5 Metals

Metal concentrations were below the short-term or long-term BCWQG-FAL or CWQG-FAL with the exception of total aluminum and dissolved copper. Total aluminum concentrations exceeded the long-term BCWQG-FAL, with total aluminum concentrations ranging from 0.0775 mg/L to 0.284 mg/L. Dissolved copper concentrations exceeded the long-term BCWQG-FAL, with concentrations ranging from 0.00027 mg/L to 0.00186 mg/L.

3.1.6 Quality Assurance/Quality Control

Ninety-nine pairs of duplicate water quality sample parameters were analyzed. None of the duplicate water quality sample parameters analyzed exceeded the DQO (Attachment B). Water quality parameters had concentrations below the analytical detection limit in the travel blanks (Attachment C). One parameter in the field blank measured above the detection limit (<0.005 mg/L) for total ammonia (as N), with a value of 0.011 mg/L. With 1% of field blank parameters measuring above the detection limit, this generally indicates that cross-contamination was not an issue. The QA/QC assessment indicates the data presented is considered valid and reliable.

4 Summary

The baseline surface water quality program provides an assessment of existing water quality conditions in watercourses located near areas identified as having elevated ML/ARD potential within the K2 Wind Project area. Results indicate that the sampled streams are generally characterized by soft water, low alkalinity, and slightly acidic pH conditions, reflecting naturally limited buffering capacity and an inherent sensitivity to acid inputs. Although total aluminum and dissolved copper concentrations exceeded long-term BCWQG-FAL, long-term sampling would be required to confirm these exceedances of chronic long-term guidelines. Additionally, aluminum and dissolved copper exceedances were observed consistently across the Project and reference site. Concentrations of other metals were below the short-term and long-term BCWQG-FAL. Water quality indicators generally associated with active acid rock drainage (e.g., pH <6, high concentrations of sulphate, iron, and other metals such as beryllium, cadmium, cobalt, nickel and zinc) were not observed during the sampling period. Overall, the results provide a baseline against which future monitoring results can be compared and will support ongoing assessment of potential Project-related effects on surface water quality during Project development, construction, and operations.

5 Limitations

This document entitled K2 Wind Project - Baseline Water Quality Technical Memo was prepared by Stantec Consulting Ltd. (“Stantec”) for the account of K2 Wind Power Inc. (the “Client”) to support the regulatory review process for the K2 Wind Project. In connection therewith, this document may be reviewed and used by the British Columbia Energy Regulator participating in the review process in the normal course of its duties. Except as set forth in the previous sentence, any reliance on this document by any other party or use of it for any other purpose is strictly prohibited. The material in it reflects Stantec’s professional judgment in light of the scope, schedule and other limitations stated in the document and in the contract between Stantec and the Client.

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Reference: K2 Wind Project – Baseline Water Quality Technical Memo

We trust that the information summarized in this memorandum is sufficient for your needs. If you have questions or require any additional information, please contact the undersigned.

Regards,

Stantec Consulting Ltd.

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Attachments: Attachment A: Tabulated Water Quality Data Compared to Water Quality Guidelines
Attachment B: Water Quality Duplicate Sample
Attachment C: Water Quality Travel and Field Blank

6 References

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Attachment A Tabulated Water Quality Data Compared to Water Quality Guidelines

Attachment A. Tabulated Water Quality Data Compared to Water Quality Guidelines

Parameter	Lowest Detection Limit	Units	Minimum BC WQG-FAL (long-term)	Maximum BC WQG-FAL (long-term)	Minimum BC WQG-FAL (short-term)	Maximum BC WQG-FAL (short-term)	TR-1 28-May-2026 10:30 VA26B3823-001	QU-1 28-May-2026 11:45 VA26B3823-002	QU-2 28-May-2026 12:45 VA26B3823-003	RF-1 28-May-2026 13:40 VA26B3823-004	TR-2 29-May-2026 09:30 VA26B3862-001	QU-3a 29-May-2026 11:30 VA26B3862-002
Field-Measured Parameters												
Temperature	-	°C	change from background	change from background	change from background	change from background	7.6	8.2	10.5	5.8	8.8	8.4
Actual Conductivity (µS/cm)	-	µS/cm	-	-	-	-	25.2	14.0	23.9	10.4	11.3	27.2
Specific Conductivity (µS/cm)	-	µS/cm	-	-	-	-	37.8	20.7	33.0	16.4	16.3	39.9
Dissolved Oxygen (mg/L)	-	mg/L	minimum 8, depends on life stage	maximum 11, depends on life stage	minimum 5, depends on life stage	maximum 9, depends on life stage	8.18	8.52	9.25	10.34	9.20	8.26
pH	-	pH units	6.5	9	-	-	6.52	6.36	6.63	6.16	6.79	6.29
Turbidity	-	NTU	change from background	change from background	change from background	change from background	1.52	1.55	1.74	1.64	1.9	1.95
Physical Tests												
Conductivity	2	µS/cm					37.5	20.2	32.8	16	15.6	37.5
Alkalinity, total (as CaCO3)	1	mg/L					15.4	7.5	12.5	6	5.9	12.6
Hardness (as CaCO3), dissolved	0.6	mg/L					16.7	7.26	13.1	4.97	5.56	18.3
Hardness (as CaCO3), from total	0.6	mg/L					17.6	7.63	14	5.2	5.78	19.1
Solids, total suspended [TSS]	3	mg/L	change from background	change from background	change from background	change from background	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0
pH	0.1	pH units	6.5	9			6.73	6.63	6.94	6.87	6.81	7.01
Anions and Nutrients												
Ammonia, total (as N)	0.005	mg/L	1.84[a]	1.84[a]	20.8[a]	20.8[a]	0.0102	<0.0050	0.0052	0.0067	<0.0050	0.009
Bromide	0.05	mg/L					<0.050	<0.050	<0.050	<0.050	<0.050	<0.050
Chloride	0.5	mg/L	150	150	600	600	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
Fluoride	0.02	mg/L	0.12 [2]	0.12 [2]	0.40[b]	0.67[b]	0.028	0.025	0.032	0.024	0.025	0.035
Nitrate (as N)	0.005	mg/L	3	3	32.8	32.8	0.0059	<0.0050	0.0205	<0.0050	<0.0050	<0.0050
Nitrite (as N)	0.001	mg/L	0.02[c]	0.02[c]	0.06[d]	0.06[d]	0.0045	<0.0010	0.0011	0.001	<0.0010	<0.0010
Nitrogen, total	0.03	mg/L					0.465	0.208	0.264	0.091	0.24	0.546
Phosphorus, total	0.002	mg/L					0.0149	0.0077	0.0085	0.0055	0.0074	0.0218
Sulfate (as SO4)	0.3	mg/L	128[e]	218[e]			1.08	0.95	1.94	0.62	0.77	3.03
Organic / Inorganic Carbon												
Carbon, dissolved organic [DOC]	0.5	mg/L	Long-term median within 20% of background median	Long-term median within 20% of background median	Long-term median within 20% of background median	Long-term median within 20% of background median	14.8	8.65	7.89	4.97	6.72	19.4
Carbon, total organic [TOC]	0.5	mg/L	Long-term median within 20% of background median	Long-term median within 20% of background median	Long-term median within 20% of background median	Long-term median within 20% of background median	15.7	9.03	8.35	5.54	7.55	19.9
Total Sulfides												
Sulfide, total (as S)	0.01	mg/L					<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
Sulfide, total (as H2S)	0.011	mg/L					<0.011	<0.011	<0.011	<0.011	<0.011	<0.011
Total Metals												
Aluminum, total	0.003	mg/L	0.033[f]	0.120[f]	-	-	0.256	0.127	0.138	0.0775	0.131	0.284
Antimony, total	0.0001	mg/L	0.074	0.074	0.25	0.25	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010
Arsenic, total	0.0001	mg/L	0.005	0.005	-	-	0.00022	0.00014	0.00018	<0.00010	0.0001	0.00029
Barium, total	0.0001	mg/L	1 [1]	1 [1]	-	-	0.0151	0.00848	0.0723	0.00661	0.0066	0.00946
Beryllium, total	0.0001	mg/L	0.00013 [1]	0.00013 [1]	-	-	<0.000100	<0.000100	<0.000100	<0.000100	<0.000100	<0.000100
Bismuth, total	0.00005	mg/L	-	-	-	-	<0.000050	<0.000050	<0.000050	<0.000050	<0.000050	<0.000050
Boron, total	0.01	mg/L	1.2/1.5 [2]	1.2/1.5 [2]	29*	29*	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
Cadmium, total	0.000005	mg/L	-	-	-	-	0.0000136	<0.0000050	0.0000141	<0.0000050	<0.0000050	0.000009
Calcium, total	0.05	mg/L	-	-	-	-	5.48	2.09	4.26	1.46	1.61	6.03
Cesium, total	0.00001	mg/L			-	-	0.000014	<0.000010	0.000011	<0.000010	0.000026	0.000018
Chromium, total	0.0005	mg/L	0.0089 [1]*/0.0025 [1]**	0.0089 [1]*/0.0025 [1]**	-	-	<0.00050	<0.00050	<0.00050	<0.00050	<0.00050	<0.00050

Attachment A. Tabulated Water Quality Data Compared to Water Quality Guidelines

Parameter	Lowest Detection Limit	Units	Minimum BC WQG-FAL (long-term)	Maximum BC WQG-FAL (long-term)	Minimum BC WQG-FAL (short-term)	Maximum BC WQG-FAL (short-term)	TR-1 28-May-2026 10:30 VA26B3823-001	QU-1 28-May-2026 11:45 VA26B3823-002	QU-2 28-May-2026 12:45 VA26B3823-003	RF-1 28-May-2026 13:40 VA26B3823-004	TR-2 29-May-2026 09:30 VA26B3862-001	QU-3a 29-May-2026 11:30 VA26B3862-002
Total Metals Continued												
Cobalt, total	0.0001	mg/L	-	-	-	-	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	0.00012
Copper, total	0.0005	mg/L	-	-	-	-	0.00153	0.00061	0.00061	<0.00050	0.00055	0.00194
Iron, total	0.01	mg/L	0.205[g]/0.3 [2]	0.395[g]/0.3 [2]	1	1	0.178	0.113	0.167	0.026	0.101	0.247
Lead, total	0.00005	mg/L	0.001 [2h]	0.001 [2h]	-	-	<0.000050	<0.000050	<0.000050	<0.000050	<0.000050	<0.000050
Lithium, total	0.001	mg/L	-	-	-	-	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010
Magnesium, total	0.005	mg/L	-	-	-	-	0.949	0.586	0.805	0.377	0.428	0.987
Manganese, total	0.0001	mg/L	-	-	-	-	0.0136	0.0061	0.0102	0.00113	0.00426	0.0135
Mercury, total	0.000005	mg/L	0.00001***	0.00001***	-	-	0.000009	<0.0000050	<0.0000050	<0.0000050	<0.0000050	0.0000076
Molybdenum, total	0.00005	mg/L	7.6	7.6	46	46	0.00106	0.000147	0.00021	0.000149	0.000088	0.000486
Nickel, total	0.0005	mg/L	-	-	-	-	<0.00050	<0.00050	<0.00050	<0.00050	<0.00050	<0.00050
Phosphorus, total	0.05	mg/L	-	-	-	-	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050
Potassium, total	0.05	mg/L	-	-	-	-	0.517	0.219	0.312	0.213	0.197	0.347
Rubidium, total	0.0002	mg/L	-	-	-	-	0.00077	0.00048	0.00037	0.00035	0.00044	0.00076
Selenium, total	0.00005	mg/L	0.002	0.002	-	-	0.000111	0.000071	<0.000050	<0.000050	0.000055	0.000119
Silicon, total	0.1	mg/L	-	-	-	-	6.54	6.08	6.24	6.43	5.33	5.49
Silver, total	0.00001	mg/L	0.00012	0.00012	-	-	0.000023	<0.000010	<0.000010	<0.000010	<0.000010	0.000012
Sodium, total	0.05	mg/L	-	-	-	-	1.76	1.61	1.67	1.42	1.33	2.07
Strontium, total	0.0002	mg/L	-	-	-	-	0.0355	0.02	0.0331	0.0148	0.0143	0.0355
Sulfur, total	0.5	mg/L	-	-	-	-	0.58	<0.50	0.71	<0.50	<0.50	1.18
Tellurium, total	0.0002	mg/L	-	-	-	-	<0.00020	<0.00020	<0.00020	<0.00020	<0.00020	<0.00020
Thallium, total	0.00001	mg/L	0.00003 [1]	0.00003 [1]	-	-	<0.000010	<0.000010	<0.000010	<0.000010	<0.000010	<0.000010
Thorium, total	0.0001	mg/L	-	-	-	-	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010
Tin, total	0.0001	mg/L	-	-	-	-	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010
Titanium, total	0.0003	mg/L	-	-	-	-	0.00325	0.00104	0.00161	0.00065	0.00109	0.00417
Tungsten, total	0.0001	mg/L	-	-	-	-	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010
Uranium, total	0.00001	mg/L	0.0075 [1]	0.0075 [1]	0.0165 [1]	0.0165 [1]	0.000098	0.000015	0.000075	0.00006	0.000012	0.000083
Vanadium, total	0.0005	mg/L	0.06 [1]	0.06 [1]	-	-	0.00121	<0.00050	0.00076	<0.00050	<0.00050	0.00096
Zinc, total	0.003	mg/L	-	-	-	-	<0.0030	<0.0030	<0.0030	<0.0030	<0.0030	<0.0030
Zirconium, total	0.0002	mg/L	-	-	-	-	0.00079	0.00028	0.00031	0.00021	0.00028	0.00089
Dissolved Metals												
Aluminum, dissolved	0.001	mg/L	-	-	-	-	0.244	0.12	0.118	0.0706	0.132	0.263
Antimony, dissolved	0.0001	mg/L	-	-	-	-	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010
Arsenic, dissolved	0.0001	mg/L	-	-	-	-	0.00019	0.00014	0.00014	<0.00010	0.00011	0.00029
Barium, dissolved	0.0001	mg/L	-	-	-	-	0.0155	0.00846	0.0721	0.00677	0.0066	0.00977
Beryllium, dissolved	0.0001	mg/L	-	-	-	-	<0.000100	<0.000100	<0.000100	<0.000100	<0.000100	<0.000100
Bismuth, dissolved	0.00005	mg/L	-	-	-	-	<0.000050	<0.000050	<0.000050	<0.000050	<0.000050	<0.000050
Boron, dissolved	0.01	mg/L	-	-	-	-	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
Cadmium, dissolved	0.000005	mg/L	0.00002[i]	0.00006[i]	0.00004[j]	0.00011[j]	0.0000075	<0.0000050	0.000017	<0.0000050	<0.0000050	0.000007
Calcium, dissolved	0.05	mg/L	-	-	-	-	5.21	2.01	4.02	1.42	1.53	5.74
Cesium, dissolved	0.00001	mg/L	-	-	-	-	0.000012	<0.000010	<0.000010	<0.000010	0.000024	0.000017
Chromium, dissolved	0.0005	mg/L	-	-	-	-	<0.00050	<0.00050	<0.00050	<0.00050	<0.00050	<0.00050
Cobalt, dissolved	0.0001	mg/L	0.00039[k]	0.00039[k]	-	-	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	0.00011
Copper, dissolved	0.0002	mg/L	0.0002[l]	0.0005[l]	0.0006[l]	0.0039[l]	0.00154	0.0006	0.00057	0.00027	0.00056	0.00186
Iron, dissolved	0.01	mg/L	-	-	-	-	0.166	0.106	0.164	0.022	0.093	0.207
Lead, dissolved	0.00005	mg/L	0.0025[m]	0.0067[m]	-	-	<0.000050	<0.000050	<0.000050	<0.000050	<0.000050	<0.000050
Lithium, dissolved	0.001	mg/L	-	-	-	-	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010
Magnesium, dissolved	0.005	mg/L	-	-	-	-	0.899	0.543	0.743	0.345	0.423	0.955
Manganese, dissolved	0.0001	mg/L	0.1[n]	0.115[n]	0.985[o]	0.985[o]	0.0115	0.0053	0.00924	0.00063	0.00302	0.012
Mercury, dissolved	0.000005	mg/L	-	-	-	-	0.0000063	<0.0000050	<0.0000050	<0.0000050	<0.0000050	0.0000063
Molybdenum, dissolved	0.00005	mg/L	-	-	-	-	0.000992	0.000164	0.000191	0.000149	0.000071	0.000442
Nickel, dissolved	0.0005	mg/L	0.0008[p]	0.0019[p]	0.0129[p]	0.0317[p]	<0.00050	<0.00050	<0.00050	<0.00050	<0.00050	<0.00050
Phosphorus, dissolved	0.05	mg/L	-	-	-	-	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050
Potassium, dissolved	0.05	mg/L	-	-	-	-	0.544	0.238	0.316	0.214	0.215	0.344

Attachment A. Tabulated Water Quality Data Compared to Water Quality Guidelines

Parameter	Lowest Detection Limit	Units	Minimum BC WQG-FAL (long-term)	Maximum BC WQG-FAL (long-term)	Minimum BC WQG-FAL (short-term)	Maximum BC WQG-FAL (short-term)	TR-1 28-May-2026 10:30 VA26B3823-001	QU-1 28-May-2026 11:45 VA26B3823-002	QU-2 28-May-2026 12:45 VA26B3823-003	RF-1 28-May-2026 13:40 VA26B3823-004	TR-2 29-May-2026 09:30 VA26B3862-001	QU-3a 29-May-2026 11:30 VA26B3862-002
Dissolved Metals Continued												
Rubidium, dissolved	0.0002	mg/L	-	-	-	-	0.00072	0.00043	0.00038	0.00029	0.00043	0.0008
Selenium, dissolved	0.00005	mg/L	-	-	-	-	0.000112	0.000073	<0.000050	<0.000050	0.000055	0.000156
Silicon, dissolved	0.05	mg/L	-	-	-	-	6.35	6.06	6.34	6.46	5.22	5.21
Silver, dissolved	0.00001	mg/L	-	-	-	-	0.000022	<0.000010	<0.000010	<0.000010	<0.000010	0.000013
Sodium, dissolved	0.05	mg/L			-	-	1.74	1.54	1.6	1.39	1.29	2
Strontium, dissolved	0.0002	mg/L	1.25 [1]	1.25 [1]	-	-	0.0325	0.0185	0.0308	0.0136	0.0141	0.0332
Sulfur, dissolved	0.5	mg/L	-	-	-	-	<0.50	<0.50	0.83	<0.50	0.57	1.12
Tellurium, dissolved	0.0002	mg/L	-	-	-	-	<0.00020	<0.00020	<0.00020	<0.00020	<0.00020	<0.00020
Thallium, dissolved	0.00001	mg/L	-	-	-	-	<0.000010	<0.000010	<0.000010	<0.000010	<0.000010	<0.000010
Thorium, dissolved	0.0001	mg/L	-	-	-	-	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010
Tin, dissolved	0.0001	mg/L	-	-	-	-	<0.00010	<0.00010	<0.00010	<0.00010	0.00128	<0.00010
Titanium, dissolved	0.0003	mg/L	-	-	-	-	0.00305	0.00084	0.0012	0.00047	0.001	0.0038
Tungsten, dissolved	0.0001	mg/L	-	-	-	-	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010
Uranium, dissolved	0.00001	mg/L	-	-	-	-	0.00009	0.000012	0.000065	0.000055	0.000013	0.00009
Vanadium, dissolved	0.0005	mg/L	-	-	-	-	0.00116	<0.00050	0.00072	<0.00050	<0.00050	0.00088
Zinc, dissolved	0.001	mg/L	0.0085[q]	0.0164[q]	0.0111[r]	0.0196[r]	<0.0010	<0.0010	0.0011	<0.0010	<0.0010	<0.0010
Zirconium, dissolved	0.0002	mg/L					0.00091	0.00031	0.0004	0.00023	0.0003	0.00099

Notes:
BC WQG-FAL = Approved or Working British Columbia Water Quality Guidelines for the Protection of Freshwater Aquatic Life.
[1] Working BC WQG-FAL.
[2] Canadian Water Guideline (CWQG) adopted from CCME where no equivalent BC WQG-FAL exists
BLM = Biotic Ligand Model (variable guideline based on site-specific temperature, pH, dissolved organic carbon, and water hardness).
DOC = Dissolved organic carbon
NTU = Nephelometric Turbidity Unit
Shaded cell indicates parameter exceeded the long-term BC WQG-GAL.
Bolded value indicates parameter exceeded the short-term BC WQG-FAL.
Underlined value indicates parameter exceeded the long-term CWQG.
Italicized value indicates parameter exceeded the short-term CWQG.
* The working long-term BC WQG MAL is based on Chromium (III)
** The working long-term BC WQG MAL is based on Chromium (VI)
*** The BC WQG-FAL for total mercury is dependent on percent methylmercury .
[a] Ammonia long- and short-term BC WQG-FAL (mg/L): pH and temperature dependent (look-up table).
[p] Fluoride short-term BC WQG-FAL (mg/L): (-51.73+92.57 log 10(hardness))*0.01.
[c] Nitrite (as N) long-term BC WQG-FAL (mg/L): if chloride (Cl) ≤ 2, 0.02; if Cl ≤ 4, 0.04; if Cl ≤ 6, 0.06; if Cl ≤ 8, 0.08; if Cl ≤ 10, 0.1 ; if Cl > 10, 0.2
[d] Nitrite (as N) short-term BC WQG-FAL (mg/L): if chloride (Cl) ≤ 2, 0.06; if Cl ≤ 4, 0.12; if Cl ≤ 6, 0.18; if Cl ≤ 8, 0.24; if Cl ≤ 10, 0.3 ; if Cl > 10, 0.6.
[e] Sulphate long-term BC WQG-FAL (mg/L): 128 (hardness 0-30 mg/L), 218 (hardness 31-75 mg/L), 309 (hardness 76-180 mg/L), 429 (hardness 181-250 mg/L).
[f] Total aluminum long-term BC WQG-FAL (mg/L): e^((0.645 x ln(DOC))+ (2.255 x ln(hardness)) + (1.995 x pH) +(-0.284 x (ln(hardness) x pH)) -9.898))/3000.
[g] Total iron long-term BC WQG-FAL (mg/L):pH and DOC dependent (look-up table).
[n] Total lead long-term CWQG-FAL (mg/L): 0.001 when hardness is 0 to ≤ 60 mg/L; e^(1.273[ln(hardness)] - 4.705[) /1000 (valid when hardness is >60 to ≤ 180 mg/L; 0.007 when hardness is >180 mg/L.
[i] Dissolved cadmium long-term BC WQG-FAL mg/L= e^[0.736 × ln(hardness) – 4.943] /1000 when hardness is 3.4 - 285 mg/L.
[j] Dissolved cadmium short-term BC WQG-FAL mg/L: e^[1.03 × ln(hardness) – 5.274] /1000 when hardness is 7 - 455 mg/L.
[k] Dissolved cobalt long-term BC WQG-FAL (mg/L): e^[(0.414(ln(hardness)) – 1.887]/2000 when hardness is 52 mg/L to 396 mg/L
[l] Dissolved copper long- and short-term BCWQG-FAL (mg/L): pH, DOC, and hardness dependent (BLM look-up table).
[m] Dissolved lead long-term BC WQG-FAL (mg/L): e^((0.514*(ln(DOC))) + (0.214*(ln(hardness))) + 0.4354)/2000 when hardness is between 4.7 – 511 mg/L CaCO3, and0.5 – 31.5 mg/L DOC.
[n] Dissolved mangenese long-term BC WQG-FAL (mg/L): hardness, pH and DOC dependent (look-up table) when hardness is between 25 – 670 mg/L CaCO3 and and pH values of 5.8 and 8.4.
[o] Dissolved mangenese short-term BC WQG-FAL (mg/L): e^((0.878*(ln(hardness))) + 0.476)/2000 when hardness is between 25 – 250 mg/L CaCO3
[p] Dissolved nickel long- and short-term BCWQG-FAL (mg/L): pH, DOC, hardness and temperature dependent (BLM look-up table)
[q] Dissolved zinc long-term BC WQG-FAL (mg/L): e^(0.947[ln(hardness)] - 0.815[pH] + 0.398[ln(DOC)] + 4.625) /1000 when is hardness between 23.4 and 399 mg CaCO3/L, pH 6.5 and8.13 and DOC 0.3 and 22.9 mg/L.
[r] Dissolved zinc short-term BC WQG-FAL (mg/L): e^(0.833[ln(hardness)] + 0.240[ln(DOC)] + 0.526) /1000 when hardness is between 13.8 and 250.5 mg CaCO3 /L and DOC0.3 and 17.3 mg/L.

Attachment B Water Quality Duplicate Sample

Attachment B. Field Duplicate and Relative Percent Difference, K2 Wind Project

		Sample ID:	RF-1		
		Date Sampled:	28-May-2026		
Parameter	**Units**	**Detection Limit**	**Rep1**	**Rep2**	**RPD (%)**
Physical Tests					
Conductivity	µS/cm	2	16	16.1	1%
Alkalinity, total (as CaCO3)	mg/L	1	6	6	0%
Hardness (as CaCO3), dissolved	mg/L	0.6	4.97	5.08	2%
Hardness (as CaCO3), from total Ca/Mg	mg/L	0.6	5.2	5.19	0%
Solids, total suspended [TSS]	mg/L	3	<3.0	<3.0	<5x LOD
pH	pH units	0.1	6.87	6.85	0%
Anions and Nutrients					
Ammonia, total (as N)	mg/L	0.005	0.0067	<0.0050	<5x LOD
Bromide	mg/L	0.05	<0.050	<0.050	<5x LOD
Chloride	mg/L	0.5	<0.50	<0.50	<5x LOD
Fluoride	mg/L	0.02	0.024	0.025	<5x LOD
Nitrate (as N)	mg/L	0.005	<0.0050	<0.0050	<5x LOD
Nitrite (as N)	mg/L	0.001	0.001	0.003	<5x LOD
Nitrogen, total	mg/L	0.03	0.091	0.09	<5x LOD
Phosphorus, total	mg/L	0.002	0.0055	0.0057	<5x LOD
Sulfate (as SO4)	mg/L	0.3	0.62	0.64	<5x LOD
Organic / Inorganic Carbon					
Carbon, dissolved organic [DOC]	mg/L	0.5	4.97	4.88	2%
Carbon, total organic [TOC]	mg/L	0.5	5.54	5.03	10%
Total Sulfides					
Sulfide, total (as S)	mg/L	0.01	<0.010	<0.010	<5x LOD
Sulfide, total (as H2S)	mg/L	0.011	<0.011	<0.011	<5x LOD
Total Metals					
Aluminum, total	mg/L	0.003	0.0775	0.0783	1%
Antimony, total	mg/L	0.0001	<0.00010	<0.00010	<5x LOD
Arsenic, total	mg/L	0.0001	<0.00010	<0.00010	<5x LOD
Barium, total	mg/L	0.0001	0.00661	0.00684	3%
Beryllium, total	mg/L	0.0001	<0.000100	<0.000100	<5x LOD
Bismuth, total	mg/L	0.00005	<0.000050	<0.000050	<5x LOD
Boron, total	mg/L	0.01	<0.010	<0.010	<5x LOD
Cadmium, total	mg/L	0.000005	<0.0000050	<0.0000050	<5x LOD
Calcium, total	mg/L	0.05	1.46	1.46	0%
Cesium, total	mg/L	0.00001	<0.000010	<0.000010	<5x LOD
Chromium, total	mg/L	0.0005	<0.00050	<0.00050	<5x LOD
Cobalt, total	mg/L	0.0001	<0.00010	<0.00010	<5x LOD
Copper, total	mg/L	0.0005	<0.00050	<0.00050	<5x LOD
Iron, total	mg/L	0.01	0.026	0.025	<5x LOD
Lead, total	mg/L	0.00005	<0.000050	<0.000050	<5x LOD
Lithium, total	mg/L	0.001	<0.0010	<0.0010	<5x LOD
Magnesium, total	mg/L	0.005	0.377	0.376	0%
Manganese, total	mg/L	0.0001	0.00113	0.00106	6%
Mercury, total	mg/L	0.000005	<0.0000050	<0.0000050	<5x LOD
Molybdenum, total	mg/L	0.00005	0.000149	0.000133	<5x LOD
Nickel, total	mg/L	0.0005	<0.00050	<0.00050	<5x LOD
Phosphorus, total	mg/L	0.05	<0.050	<0.050	<5x LOD
Potassium, total	mg/L	0.05	0.213	0.21	<5x LOD
Rubidium, total	mg/L	0.0002	0.00035	0.00035	<5x LOD
Selenium, total	mg/L	0.00005	<0.000050	<0.000050	<5x LOD
Silicon, total	mg/L	0.1	6.43	6.66	4%
Silver, total	mg/L	0.00001	<0.000010	<0.000010	<5x LOD
Sodium, total	mg/L	0.05	1.42	1.4	1%
Strontium, total	mg/L	0.0002	0.0148	0.0148	0%
Sulfur, total	mg/L	0.5	<0.50	<0.50	<5x LOD

Attachment B. Field Duplicate and Relative Percent Difference, K2 Wind Project

		Sample Station:	RF-1		
		Date:	28-May-2026		
Parameter	**Units**	**Lowest Detection Limit**	**Rep1**	**Rep2**	**RPD (%)**
Total Metals Continued					
Tellurium, total	mg/L	0.0002	<0.00020	<0.00020	<5x LOD
Thallium, total	mg/L	0.00001	<0.000010	<0.000010	<5x LOD
Thorium, total	mg/L	0.0001	<0.00010	<0.00010	<5x LOD
Tin, total	mg/L	0.0001	<0.00010	<0.00010	<5x LOD
Titanium, total	mg/L	0.0003	0.00065	0.00054	<5x LOD
Tungsten, total	mg/L	0.0001	<0.00010	<0.00010	<5x LOD
Uranium, total	mg/L	0.00001	0.00006	0.000061	2%
Vanadium, total	mg/L	0.0005	<0.00050	<0.00050	<5x LOD
Zinc, total	mg/L	0.003	<0.0030	<0.0030	<5x LOD
Zirconium, total	mg/L	0.0002	0.00021	0.00021	<5x LOD
Dissolved Metals					
Aluminum, dissolved	mg/L	0.001	0.0706	0.0713	1%
Antimony, dissolved	mg/L	0.0001	<0.00010	<0.00010	<5x LOD
Arsenic, dissolved	mg/L	0.0001	<0.00010	<0.00010	<5x LOD
Barium, dissolved	mg/L	0.0001	0.00677	0.0068	0%
Beryllium, dissolved	mg/L	0.0001	<0.000100	<0.000100	<5x LOD
Bismuth, dissolved	mg/L	0.00005	<0.000050	<0.000050	<5x LOD
Boron, dissolved	mg/L	0.01	<0.010	<0.010	<5x LOD
Cadmium, dissolved	mg/L	0.000005	<0.0000050	0.000006	<5x LOD
Calcium, dissolved	mg/L	0.05	1.42	1.45	2%
Cesium, dissolved	mg/L	0.00001	<0.000010	<0.000010	<5x LOD
Chromium, dissolved	mg/L	0.0005	<0.00050	<0.00050	<5x LOD
Cobalt, dissolved	mg/L	0.0001	<0.00010	<0.00010	<5x LOD
Copper, dissolved	mg/L	0.0002	0.00027	0.00027	<5x LOD
Iron, dissolved	mg/L	0.01	0.022	0.022	<5x LOD
Lead, dissolved	mg/L	0.00005	<0.000050	<0.000050	<5x LOD
Lithium, dissolved	mg/L	0.001	<0.0010	<0.0010	<5x LOD
Magnesium, dissolved	mg/L	0.005	0.345	0.354	3%
Manganese, dissolved	mg/L	0.0001	0.00063	0.00066	5%
Mercury, dissolved	mg/L	0.000005	<0.0000050	<0.0000050	<5x LOD
Molybdenum, dissolved	mg/L	0.00005	0.000149	0.000156	<5x LOD
Nickel, dissolved	mg/L	0.0005	<0.00050	<0.00050	<5x LOD
Phosphorus, dissolved	mg/L	0.05	<0.050	<0.050	<5x LOD
Potassium, dissolved	mg/L	0.05	0.214	0.218	<5x LOD
Rubidium, dissolved	mg/L	0.0002	0.00029	0.00036	<5x LOD
Selenium, dissolved	mg/L	0.00005	<0.000050	<0.000050	<5x LOD
Silicon, dissolved	mg/L	0.05	6.46	6.33	2%
Silver, dissolved	mg/L	0.00001	<0.000010	<0.000010	<5x LOD
Sodium, dissolved	mg/L	0.05	1.39	1.45	4%
Strontium, dissolved	mg/L	0.0002	0.0136	0.0138	1%
Sulfur, dissolved	mg/L	0.5	<0.50	<0.50	<5x LOD
Tellurium, dissolved	mg/L	0.0002	<0.00020	<0.00020	<5x LOD
Thallium, dissolved	mg/L	0.00001	<0.000010	<0.000010	<5x LOD
Thorium, dissolved	mg/L	0.0001	<0.00010	<0.00010	<5x LOD
Tin, dissolved	mg/L	0.0001	<0.00010	<0.00010	<5x LOD
Titanium, dissolved	mg/L	0.0003	0.00047	0.00046	<5x LOD
Tungsten, dissolved	mg/L	0.0001	<0.00010	<0.00010	<5x LOD
Uranium, dissolved	mg/L	0.00001	0.000055	0.000056	2%
Vanadium, dissolved	mg/L	0.0005	<0.00050	<0.00050	<5x LOD
Zinc, dissolved	mg/L	0.001	<0.0010	<0.0010	<5x LOD
Zirconium, dissolved	mg/L	0.0002	0.00023	0.00024	<5x LOD

Notes:

LOD = limit of detection; RPD = relative percent difference between duplicates and parent samples

Attachment C Water Quality Travel and Field Blank

Attachment C. Water Quality Travel and Field Blank, K2 Wind Project

		Sample ID:	Field Blank	Travel Blank
		Date Sampled:	29-May-2026	29-May-2026
Parameter	**Units**	**Detection Limit**		
Physical Tests				
Conductivity	µS/cm	2.0	<2.0	<2.0
Alkalinity, total (as CaCO3)	mg/L	1.0	<1.0	<1.0
Hardness (as CaCO3), dissolved	mg/L	0.60	<0.60	
Hardness (as CaCO3), from total Ca/Mg	mg/L	0.60	<0.60	<0.60
Solids, total suspended [TSS]	mg/L	3.0	<3.0	<3.0
pH	pH units	0.10	5.55	5.46
Anions and Nutrients				
Ammonia, total (as N)	mg/L	0.0050	0.011	<0.0050
Bromide	mg/L	0.050	<0.050	<0.050
Chloride	mg/L	0.50	<0.50	<0.50
Fluoride	mg/L	0.020	<0.020	<0.020
Nitrate (as N)	mg/L	0.0050	<0.0050	<0.0050
Nitrite (as N)	mg/L	0.0010	<0.0010	<0.0010
Nitrogen, total	mg/L	0.030	<0.030	<0.030
Phosphorus, total	mg/L	0.0020	<0.0020	<0.0020
Sulfate (as SO4)	mg/L	0.30	<0.30	<0.30
Organic / Inorganic Carbon				
Carbon, dissolved organic [DOC]	mg/L	0.50	<0.50	
Carbon, total organic [TOC]	mg/L	0.50	<0.50	<0.50
Total Sulfides				
Sulfide, total (as S)	mg/L	0.010	<0.010	<0.010
Sulfide, total (as H2S)	mg/L	0.011	<0.011	<0.011
Total Metals				
Aluminum, total	mg/L	0.0030	<0.0030	<0.0030
Antimony, total	mg/L	0.00010	<0.00010	<0.00010
Arsenic, total	mg/L	0.00010	<0.00010	<0.00010
Barium, total	mg/L	0.00010	<0.00010	<0.00010
Beryllium, total	mg/L	0.000100	<0.000100	<0.000100
Bismuth, total	mg/L	0.000050	<0.000050	<0.000050
Boron, total	mg/L	0.010	<0.010	<0.010
Cadmium, total	mg/L	0.0000050	<0.0000050	<0.0000050
Calcium, total	mg/L	0.050	<0.050	<0.050
Cesium, total	mg/L	0.000010	<0.000010	<0.000010
Chromium, total	mg/L	0.00050	<0.00050	<0.00050
Cobalt, total	mg/L	0.00010	<0.00010	<0.00010
Copper, total	mg/L	0.00050	<0.00050	<0.00050
Iron, total	mg/L	0.010	<0.010	<0.010
Lead, total	mg/L	0.000050	<0.000050	<0.000050
Lithium, total	mg/L	0.0010	<0.0010	<0.0010
Magnesium, total	mg/L	0.0050	<0.0050	<0.0050
Manganese, total	mg/L	0.00010	<0.00010	<0.00010
Mercury, total	mg/L	0.0000050	<0.0000050	<0.0000050
Molybdenum, total	mg/L	0.000050	<0.000050	<0.000050
Nickel, total	mg/L	0.00050	<0.00050	<0.00050
Phosphorus, total	mg/L	0.050	<0.050	<0.050
Potassium, total	mg/L	0.050	<0.050	<0.050
Rubidium, total	mg/L	0.00020	<0.00020	<0.00020
Selenium, total	mg/L	0.000050	<0.000050	<0.000050
Silicon, total	mg/L	0.10	<0.10	<0.10
Silver, total	mg/L	0.000010	<0.000010	<0.000010
Sodium, total	mg/L	0.050	<0.050	<0.050
Strontium, total	mg/L	0.00020	<0.00020	<0.00020
Sulfur, total	mg/L	0.50	<0.50	<0.50
Tellurium, total	mg/L	0.00020	<0.00020	<0.00020
Thallium, total	mg/L	0.000010	<0.000010	<0.000010
Thorium, total	mg/L	0.00010	<0.00010	<0.00010

Attachment C. Water Quality Travel and Field Blank, K2 Wind Project

		Sample ID:	Field Blank	Travel Blank
		Date Sampled:	29-May-2026	29-May-2026
	Units	Detection Limit		
Total Metals Continued				
Tin, total	mg/L	0.00010	<0.00010	<0.00010
Titanium, total	mg/L	0.00030	<0.00030	<0.00030
Tungsten, total	mg/L	0.00010	<0.00010	<0.00010
Uranium, total	mg/L	0.000010	<0.000010	<0.000010
Vanadium, total	mg/L	0.00050	<0.00050	<0.00050
Zinc, total	mg/L	0.0030	<0.0030	<0.0030
Zirconium, total	mg/L	0.00020	<0.00020	<0.00020
Dissolved Metals				
Aluminum, dissolved	mg/L	0.0010	<0.0010	
Antimony, dissolved	mg/L	0.00010	<0.00010	
Arsenic, dissolved	mg/L	0.00010	<0.00010	
Barium, dissolved	mg/L	0.00010	<0.00010	
Beryllium, dissolved	mg/L	0.000100	<0.000100	
Bismuth, dissolved	mg/L	0.000050	<0.000050	
Boron, dissolved	mg/L	0.010	<0.010	
Cadmium, dissolved	mg/L	0.0000050	<0.0000050	
Calcium, dissolved	mg/L	0.050	<0.050	
Cesium, dissolved	mg/L	0.000010	<0.000010	
Chromium, dissolved	mg/L	0.00050	<0.00050	
Cobalt, dissolved	mg/L	0.00010	<0.00010	
Copper, dissolved	mg/L	0.00020	<0.00020	
Iron, dissolved	mg/L	0.010	<0.010	
Lead, dissolved	mg/L	0.000050	<0.000050	
Lithium, dissolved	mg/L	0.0010	<0.0010	
Magnesium, dissolved	mg/L	0.0050	<0.0050	
Manganese, dissolved	mg/L	0.00010	<0.00010	
Mercury, dissolved	mg/L	0.0000050	<0.0000050	
Molybdenum, dissolved	mg/L	0.000050	<0.000050	
Nickel, dissolved	mg/L	0.00050	<0.00050	
Phosphorus, dissolved	mg/L	0.050	<0.050	
Potassium, dissolved	mg/L	0.050	<0.050	
Rubidium, dissolved	mg/L	0.00020	<0.00020	
Selenium, dissolved	mg/L	0.000050	<0.000050	
Silicon, dissolved	mg/L	0.050	<0.050	
Silver, dissolved	mg/L	0.000010	<0.000010	
Sodium, dissolved	mg/L	0.050	<0.050	
Strontium, dissolved	mg/L	0.00020	<0.00020	
Sulfur, dissolved	mg/L	0.50	<0.50	
Tellurium, dissolved	mg/L	0.00020	<0.00020	
Thallium, dissolved	mg/L	0.000010	<0.000010	
Thorium, dissolved	mg/L	0.00010	<0.00010	
Tin, dissolved	mg/L	0.00010	<0.00010	
Titanium, dissolved	mg/L	0.00030	<0.00030	
Tungsten, dissolved	mg/L	0.00010	<0.00010	
Uranium, dissolved	mg/L	0.000010	<0.000010	
Vanadium, dissolved	mg/L	0.00050	<0.00050	
Zinc, dissolved	mg/L	0.0010	<0.0010	
Zirconium, dissolved	mg/L	0.00020	<0.00020	

Notes:

shaded cells indicate value above the analytical detection limit