Project Number: 260425
23 July 2026

Fitzroy BESS Inc. / Scout Clean Energy
41, Rue Victoria
Gatineau, QC J8X 2A1
Canada

Attn: Francis Marquez, P. Eng.
Project Manager, Development

Re: Interim Baseline Site Assessment Results for Soil, Surface Water & Groundwater
South March Battery Energy Storage System (BESS)
2555/2625 Marchurst Rd, Dunrobin, ON

Dear Mr. Marquez,

BluMetric Environmental Inc. (BluMetric®) was retained by Scout Clean Energy through Fitzroy BESS Inc. to complete a baseline site assessment for the location of the South March Battery Energy Storage System (BESS) located at 2555/2625 Marchurst Rd, Dunrobin, ON, herein referred to as the 'Project Area' or 'Site'. This letter serves to provide a summary of the soil, surface water and groundwater sample results for the Site.

The scope of work for the Baseline Site Assessment was developed in consultation with the City of Ottawa to document baseline site conditions for soil, surface water, and groundwater quality. The scope of work includes the completion of domestic well water sampling for neighbouring properties that has not been completed at time of preparation of this interim report. The scope of work does not include baseline air quality sampling as the Air Quality Assessment completed by Hatch and entitled "Air Quality Assessment in Emergency Fire Scenario Under Variable Weather Scenarios, Rev. 2, Dated April 20, 2026" did not identify a requirement for baseline sampling as there are no air emissions produce by the BESS facility.

This document is intended to serve as an interim **technical memorandum** that provides a high-level summary of the work completed and the key findings available at this stage of the project. The information presented herein is preliminary in nature and has been prepared to communicate the general observations, and conclusions derived from the investigation to date.

This memorandum is not intended to constitute a comprehensive report and does not include the full level of detail typically associated with a formal technical submission. Additional analysis, supporting documentation, data interpretation, and detailed conclusions will be provided in a formal report. The formal report will supersede this memorandum and should be considered the definitive record of the investigation and its findings.

Selection of Environmental Standards

Soil and Groundwater Quality Standards

Generic standards for soil and groundwater quality are prescribed through Ontario Regulation (O. Reg.) 153/04, as amended. The decision path for selecting the applicable site condition standards (SCS) for comparison to soil and groundwater quality at the Site was determined based on the following:

- Local land use is rural countryside with a mixture of rural residential and agricultural activities.
- The is located in a “Potable Groundwater Condition” as the Site and neighbouring properties rely on well water for potable supply.
- There are no permanent water features in proximity of the Site.
- The Site is considered a ‘Shallow Soil Property’ as previous borehole drilling results indicate that 1/3 or more of the Site area consists of soil equal to or less than 2 metres in depth over bedrock;
- Investigation results indicate a mix of medium/fine and coarse textured soil conditions at the Site. The SCS for “Coarse Texture Soils” were selected because they are the most conservative SCS for comparison to soil and groundwater quality at the Site.

Based on the above, the following SCS tables under O. Reg. 153/04 (Soil, Groundwater and Sediment Standards for Use Under Part XV.1 of the Environmental Protection Act,

April 15, 2011) were considered appropriate for comparison to the laboratory analytical results for soil and groundwater quality at the Site:

- For soils, the O. Reg 153/04 Table 6: Generic SCS for Shallow Soils in a Potable Groundwater Condition, Agricultural and Other Uses, Coarse Textured Soils should be applied; and.
- For groundwater, the O. Reg 153/04 Table 6: Generic SCS for Shallow Soils in a Potable Groundwater Condition, All Types of Property Use, should be applied.

Surface Water Quality Objectives

Surface water sample results are compared to the guideline objectives in the MECP's "Water Management, Policies, Guidelines, Provincial Water Quality Objectives (PWQO), the Ontario Ministry of Environment and Energy, July 1994".

Description of Work Program

All field investigation and sampling conducted by BluMetric followed industry standards and the general protocols outlined in the Ministry of the Environment, Conservation and Parks (MECP "Guidance on Sampling and Analytical Methods for Use at Contaminated Sites in Ontario, June 1996 and addenda".

BluMetric conducted an environmental field investigation on 12 May 2026 consisting of soil quality sampling at 6 locations within the Project Area, groundwater monitoring and sampling for one existing monitoring well within the Project Area, and surface water quality sampling at locations up gradient, on-Site, and down gradient of the Project Area .

The soil investigation program included the advancement of six shallow test pits (SS1 through SS6) to a depth of approximately 0.5m m below ground surface. Soil samples were logged, screened for organic vapours and combustible gases using field instrumentation, and submitted for laboratory analysis.

Groundwater sampling was completed at one location (monitoring well FY24-1). Prior to sampling, a static water level measurement was obtained and the well was purged in accordance with standard sampling procedures. Field observations and measurements, including temperature, pH, oxidation-reduction potential conductivity, turbidity, dissolved oxygen and total dissolved solid were recorded at each location.

Surface water sampling was completed at three locations surrounding the Project Area (SW1, SW2 & SW3). Field observations and measurements, including temperature, pH, oxidation-reduction potential conductivity, turbidity, dissolved oxygen and total dissolved solid were recorded at each location.

All samples were collected using industry standard procedures, maintained under chain-of-custody protocols, and submitted to Eurofins Environmental Testing, an accredited laboratory for analysis. All sampling locations can be found on Figure 1. The soil sampling program is summarized in Table 1. The water sampling program for groundwater and surface water is summarized in Table 2.

Summary of Results

Analytical data for soil, groundwater, and surface water along with the comparison standards are presented in a tabulated form in Tables 3, 4, and 5 respectively. The laboratory certificates of analyses for all samples collected on May 12, 2026 are included in Appendix A.

Soil

Surface soil samples (SS1 through SS6) were collected as composite samples from the upper 0.01 to 0.5 m of the soil profile and analyzed for metals and inorganic parameters, polycyclic aromatic hydrocarbons (PAHs), petroleum hydrocarbons (PHCs,) and volatile organic compounds (VOCs) including benzene, toluene, ethylbenzene and xylenes (BTEX).

Soil sample analytical results are provided in Table 3. No exceedances of the applicable Table 6 SCS for soil were identified. PAHs were not detected in the soil samples, with all reported concentrations below analytical detection limits. Similarly, BTEX compounds and VOCs were not detected in any of the soil samples.
PHCs were also not detected, with the exception of a trace detection of PHC F3 at SS3 (20 µg/g). This concentration was substantially below the applicable Table 6 SCS (300 µg/g) and is not considered environmentally significant.

Overall, soil quality results indicate that the sampled soils are representative of uncontaminated background conditions and indicate no evidence of historical impacts.

Groundwater

One monitoring well (FY24-1) was sampled and analyzed for metals and inorganics, PAHs, PHCs, BTEX, and VOCs. The location of monitoring well FY24-1 is shown on Figure 1. FY-24-1 was installed as part of the Hatch 'Geotechnical Investigation Report. Rev. 5, dated June 22, 2026." The borehole was drilled to a depth of 9.14 m and instrumented with a monitoring well with screen interval within the silty clay from 1.22 to 4.27 m depth.

Groundwater sample analytical results are summarized in Table 4. No exceedances of the applicable Table 6 SCS for groundwater were identified. Metals and inorganic parameters were either not detected or present at relatively low concentrations. No PAHs were detected in the groundwater sample above laboratory detection limits. Similarly, BTEX and PHC fractions F1 through F4 were also not detected in groundwater. Likewise, VOC analysis did not identify any reportable concentrations above laboratory detection limits.

The analytical results indicate that groundwater quality at the monitoring well location shows no evidence of environmental impacts.

Surface Water

Surface water samples were collected from three locations (SW1, SW2, and SW3) and analyzed for metals and inorganic parameters, PAHs, BTEX, and VOCs. Results were compared to the Ontario Provincial Water Quality Objectives (PWQO) as provided in *Water Management Policies, Guidelines, Provincial Water Quality Objectives (MOEE, 1994)*.

Surface water sample analytical results are summarized in Table 6. Metals and inorganic parameters were generally not detected or were present at low concentrations below their respective PWQOs where objectives are available. Total phosphorus concentrations at SW2 (0.036 mg/L) and SW3 (0.032 mg/L) marginally exceed the interim guideline of 0.030 mg/L. The observed total phosphorus exceedances are considered minor and are likely reflective of naturally elevated nutrient concentrations and/or inputs from surrounding surface runoff within the local watershed. PAHs were generally not detected in the surface water samples. Naphthalene was detected at the detection limit of 0.2 µg/L in SW2, while all other PAH compounds were reported below laboratory detection limits. No PAH concentrations exceeded the applicable PWQOs. It should be noted that several laboratory method detection limits for PAH compounds exceeded the corresponding PWQO. Consequently, while these compounds were reported as non-detect, the analytical methods were not sufficiently sensitive to conclusively demonstrate compliance

with all applicable PWQOs for those specific parameters. The inability for publicly available laboratories to meet the required detection limits for PAHs is a recognized issue within the industry. BTEX and VOCs were not detected in any surface water sample and all reported concentrations were below the applicable PWQO where available.

Overall, surface water quality was found to meet the PWQO where available; the only identified exceedances were for total phosphorus at SW2 and SW3. The elevated phosphorus concentrations may reflect natural watershed conditions, seasonal variability, organic matter decomposition, or nutrient inputs from surrounding land uses. The PWQO (MOEE, 1994) document notes that "Current scientific evidence is insufficient to develop a firm Objective at this time. Accordingly, the following phosphorus concentrations should be considered as general guidelines which should be supplemented by site-specific studies."

Conclusions

Baseline environmental sampling was completed to characterize pre-construction soil, groundwater, and surface water quality conditions at the proposed South March BESS facility.

The soil analytical program indicated that all measured parameters, including metals, PHCs, PAHs, BTEX compounds, and VOCs, meet the respective O. Reg. 153/04 Table 6: Generic SCS for Shallow Soils in a Potable Ground Water Condition, Agricultural or Other Property Use, Coarse Textured Soil. The results are representative of natural background conditions and do not indicate the presence of any soil impacts.

Groundwater analytical results for monitoring well FY24-1 meet all respective O. Reg. 153/04 Table 6 Generic SCS for groundwater. No evidence of existing impacts from PHCs, VOCs, PAHs, or metals were identified, indicating that groundwater quality is representative of baseline conditions.

Surface water quality was generally consistent with applicable PWQOs. The only exceedances identified were total phosphorus concentrations at sampling locations SW2 (0.036 mg/L) and SW3 (0.032 mg/L), which exceeded the PWQO of 0.030 mg/L. No exceedances were observed for metals, BTEX compounds, VOCs, or PAHs. Several PAH analytical detection limits exceeded corresponding PWQOs, creating uncertainty

regarding compliance for those specific parameters; however, no PAHs were detected at concentrations indicating adverse environmental conditions.

Overall, the results establish a defensible baseline dataset for soil, groundwater, and surface water quality prior to the construction and operation of the proposed BESS facility.

Closure

The conclusions presented are based on information obtained up to and including the submission date of this document. Any Site operations or land uses that may have changed since this submission may render the conclusions invalid

This technical memorandum satisfies the reporting requirements of Site Plan Condition 22 by documenting the baseline environmental sampling program, analytical results, and conclusions. Satisfaction of the condition is subject to submission to and acceptance by the City of Ottawa.

Regards/Respectfully submitted,
BluMetric Environmental Inc.



Robert Hillier, B.Sc., P.Geo.
Senior Hydrogeologist & Technical Advisor

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Table 1: South March BESS - Soil Sample Program Summary
Baseline Site Assessment

Sample ID	Sampling Date	Sample Location Description	Sample Coordinates	Depth Interval (m bgs)	Description	Type of Sample	PID reading	Type of Analysis
SS1	12-May-26	Test pit completed in the northern portion of the Property.	45.39831, -76.04312	0.0 – 0.5	SILT Brown sandy silt.	Composite	95 ppm HEX 0 ppm IBL	Metals incl. Li, Ni, Mg, Co, Al, Cu and Zn and General Chem incl. F and P, PAHs and VOCs. PID field measurement for VOCs
SS2	12-May-26	Test pit completed in the north-central portion of the Property.	45.39831, -76.04312	0.0 – 0.5	SILT Brown sandy silt.	Composite	80 ppm HEX 0 ppm IBL	Metals incl. Li, Ni, Mg, Co, Al, Cu and Zn and General Chem incl. F and P, PAHs and VOCs. PID field measurement for VOCs
SS3	12-May-26	Test pit completed in the northwestern portion of the Property.	45.39770, -76.04349	0.0 – 0.5	SILT Brown sandy silt	Composite	125 ppm HEX 0 ppm IBL	Metals incl. Li, Ni, Mg, Co, Al, Cu and Zn and General Chem incl. F and P, PAHs and VOCs. PID field measurement for VOCs
SS4	12-May-26	Test pit completed in the southern portion of the Property.	45.39586, -76.04314	0.0 – 0.5	SILTY CLAY Brown silty clay with some moisture.	Composite	80 ppm HEX 0 ppm IBL	Metals incl. Li, Ni, Mg, Co, Al, Cu and Zn and General Chem incl. F and P, PAHs and VOCs. PID field measurement for VOCs
SS5	12-May-26	Test pit completed near the centre of the Property.	45.39647, -76.04243	0.0 – 0.5	SILTY CLAY Brown silty clay with some moisture.	Composite	85 ppm HEX 0 ppm IBL	Metals incl. Li, Ni, Mg, Co, Al, Cu and Zn and General Chem incl. F and P, PAHs and VOCs. PID field measurement for VOCs
SS6	12-May-26	Test pit completed in the southeastern portion of the Property.	45.39655, -76.04167	0.0 – 0.5	SILT Brown silt	Composite	20 ppm HEX 0 ppm IBL	Metals incl. Li, Ni, Mg, Co, Al, Cu and Zn and General Chem incl. F and P, PAHs and VOCs. PID field measurement for VOCs

Notes:
M – metals including general inorganics
PAHs – polycyclic aromatic hydrocarbons
BTEX – benzene, toluene, ethylbenzene and xylenes
VOCs – volatile organic compounds
PHCs – petroleum hydrocarbons in the F1 – F4 fractions
PID - organic vapour analyzer - RKI Eagle 2 Multi Gas Meter
HEX – combustible gas detector measuring combustible vapour to hexane equivalent
IBL - photoionization detector measuring organic vapour to isobutylene equivalent

Table 2: Water Sampling Program Summary
Baseline Site Assessment

Sampling ID	Sampling Date	Sample Description	Sample Coordinates	Type of Analysis
Groundwater				
FY24-1	12-May-26	Monitoring well. Greyish water with large amounts of sediment.	45.39576, -76.04271	Metals incl. Li, Ni, Mg, Co, Al, Cu and Zn and Gen Chem incl. F and P, PAHs, BTEX and VOCs Field measurements for temperature, pH, oxidation-reduction potential conductivity, turbidity, dissolved oxygen and total dissolved solid.
Surface Water				
SW1	12-May-26	South property boundary where flow is entering the site. Clear water with small traces of sediment.	45.39510, -76.04424	Metals incl. Li, Ni, Mg, Co, Al, Cu and Zn and Gen Chem incl. F and P, PAHs, BTEX and VOCs. Field measurements for temperature, pH, oxidation-reduction potential conductivity, turbidity, dissolved oxygen and total dissolved solid.
SW2	12-May-26	Small pond located to the north west of the project area. Clear water with small traces of sediment.	45.39831, -76.04312	Metals incl. Li, Ni, Mg, Co, Al, Cu and Zn and Gen Chem incl. F and P, PAHs, BTEX and VOCs. Field measurements for temperature, pH, oxidation-reduction potential conductivity, turbidity, dissolved oxygen and total dissolved solid.
SW3	12-May-26	From the Marchurst Rd Ditch at the Northern discharge location off the Property across the road. Clear water with small traces of sediment.	45.39999, -76.04084	Metals incl. Li, Ni, Mg, Co, Al, Cu and Zn and Gen Chem incl. F and P, PAHs, BTEX and VOCs. Field measurements for temperature, pH, oxidation-reduction potential conductivity, turbidity, dissolved oxygen and total dissolved solid.

Notes:
PAHs – polycyclic aromatic hydrocarbons
BTEX – benzene, toluene, ethylbenzene and xylenes
VOCs – volatile organic compounds

Table 3: South March BESS - Soil Analytical Results
Baseline Site Assessment

Parameter	Reg 153 (2011) Table 6 Agricultural and Other*	ID	SS1	SS2	SS3	SS4	SS5		SS6
		Sample Date	12-May-26	12-May-26	12-May-26	12-May-26	12-May-26	12-May-26	12-May-26
		Depth (m)	0.01 - 0.5	0.01 - 0.5	0.01 - 0.5	0.01 - 0.5	0.01 - 0.5	0.01 - 0.5	0.01 - 0.5
Metals and Inorganics								QAQC	
Aluminum	NV	ug/g	9530	22700	31700	19900	15400	16400	12500
Antimony	7.5	ug/g	<1	<1	<1	<1	<1	<1	<1
Arsenic	11	ug/g	<1	2	3	2	1	1	2
Barium	390	ug/g	67	199	261	192	125	137	90
Beryllium	4	ug/g	<1	<1	<1	<1	<1	<1	<1
Boron	120	ug/g	<5	<5	<5	<5	<5	<5	<5
Boron (Hot Water Soluble)	1.5	ug/g	<0.25	<0.25	0.28	<0.25	<0.25	<0.25	<0.25
Cadmium	1	ug/g	<0.4	<0.4	0.4	<0.4	<0.4	<0.4	<0.4
Chromium Total	160	ug/g	22	50	66	51	37	40	31
Chromium VI	8	ug/g	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
Cobalt	22	ug/g	5	14	13	12	8	9	7
Copper	140	ug/g	6	20	21	16	13	14	9
Cyanide (Free)	0.051	ug/g	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Electrical Conductivity	0.7	mS/cm	0.14	0.14	0.08	0.08	0.05	0.05	0.08
Hexavalent Chromium	8	ug/g	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20
Lead	45	ug/g	5	8	9	6	6	6	8
Mercury	0.25	ug/g	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Molybdenum	6.9	ug/g	<1	<1	<1	<1	<1	<1	<1
Nickel	100	ug/g	11	26	32	27	19	21	16
pH-CaCl2	NV		5.93	5.89	5.98	5.81	5.47	5.47	5.76
Phosphorus (Extractable)	NV	mg/L	5	2	6	<2	<2	7	<2
Selenium	2.4	ug/g	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
Silver	20	ug/g	<0.2	<0.2	0.3	<0.2	<0.2	<0.2	0.2
Sodium Absorption Ratio (SAR)	5		0.60	0.60	1.01	0.98	0.65	0.69	0.47
Thallium	1	ug/g	<1	<1	<1	<1	<1	<1	<1
Uranium	23	ug/g	<0.5	0.6	1.5	0.7	0.5	0.6	0.7
Vanadium	86	ug/g	28	62	63	60	48	53	56
Zinc	340	ug/g	39	75	129	71	57	59	69
Polycyclic Aromatic Hydrocarbons (PAHs)									
1 + 2-Methylnaphthalene	0.99	ug/g	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Acenaphthene	7.9	ug/g	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Acenaphthylene	0.15	ug/g	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	0.05
Anthracene	0.67	ug/g	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Benzo(a)anthracene	0.5	ug/g	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Benzo(a)pyrene	0.078	ug/g	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Benzo(b)fluoranthene	0.78	ug/g	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Benzo(g,h,i)perylene	6.6	ug/g	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Benzo(k)fluoranthene	0.78	ug/g	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Chrysene	7	ug/g	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Dibenzo(a,h)anthracene	0.1	ug/g	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Fluoranthene	0.69	ug/g	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Fluorene	62	ug/g	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Indeno(1,2,3-c,d)pyrene	0.38	ug/g	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Methylnapthalene, 1-	0.99	ug/g	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Methylnapthalene, 2-	0.99	ug/g	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Naphthalene	0.6	ug/g	<0.013	<0.013	<0.013	<0.013	<0.013	<0.013	<0.013
Phenanthrene	6.2	ug/g	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Pyrene	78	ug/g	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Petroleum Hydrocarbons (PHCs)									
PHCs F1	55	ug/g	<10	<10	<10	<10	<10	<10	<10
PHCs F2	98	ug/g	<2	<2	<2	<2	<2	<2	<2
PHCs F3	300	ug/g	<20	<20	20	<20	<20	<20	<20
PHCs F4	2800	ug/g	<20	<20	<20	<20	<20	<20	<20

Table 3: South March BESS - Soil Analytical Results
Baseline Site Assessment

Parameter	Reg 153 (2011) Table 6 Agricultural and	ID	SS1	SS2	SS3	SS4	SS5		SS6
		Sample Date	12-May-26	12-May-26	12-May-26	12-May-26	12-May-26	12-May-26	12-May-26
BTEX								QAQC	
Benzene	0.21	ug/g	<0.0068	<0.0068	<0.0068	<0.0068	<0.0068	<0.0068	<0.0068
Ethylbenzene	1.1	ug/g	<0.018	<0.018	<0.018	<0.018	<0.018	<0.018	<0.018
Toluene	2.3	ug/g	<0.08	<0.08	<0.08	<0.08	<0.08	<0.08	<0.08
Xylene (Total)	3.1	ug/g	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Xylene, m/p-	NV	ug/g	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Xylene, o-	NV	ug/g	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Volatile Organic Compounds									
1,1,1,2-Tetrachloroethane	0.058	ug/g	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
1,1,1-Trichloroethane	0.38	ug/g	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
1,1,2,2-Tetrachloroethane	0.05	ug/g	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
1,1,2-Trichloroethane	0.05	ug/g	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
1,1-Dichloroethane	0.47	ug/g	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
1,1-Dichloroethene	0.05	ug/g	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
1,2-Dichlorobenzene	1.2	ug/g	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
1,2-Dichloroethane	0.05	ug/g	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
1,2-Dichloropropane	0.05	ug/g	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
1,3-Dichlorobenzene	4.8	ug/g	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
1,3-Dichloropropene, cis + trans	0.05	ug/g	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
1,4-Dichlorobenzene	0.083	ug/g	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Acetone	16	ug/g	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
Bromodichloromethane	1.5	ug/g	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Bromoform	0.27	ug/g	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Bromomethane	0.05	ug/g	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Carbon Tetrachloride	0.05	ug/g	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Chloroform	0.05	ug/g	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
cis-1,2-Dichloroethene	1.9	ug/g	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Dibromochloromethane	2.3	ug/g	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Dichlorodifluoromethane	16	ug/g	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Dichloroethylene, trans-1,2-	0.084	ug/g	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Dichloromethane	0.1	ug/g	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Ethylene Dibromide	0.05	ug/g	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Hexane	2.8	ug/g	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Methyl ethyl ketone (MEK)	16	ug/g	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
Methyl isobutyl ketone (MIBK)	1.7	ug/g	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
Methyl tert-butyl ether (MTBE)	0.75	ug/g	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Monochlorobenzene	2.4	ug/g	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Styrene	0.7	ug/g	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Tetrachloroethylene	0.28	ug/g	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Trichloroethylene	0.061	ug/g	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Trichlorofluoromethane	4	ug/g	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Vinyl Chloride	0.02	ug/g	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02

Notes:

* "Soil, Ground Water and and Sediment Standards for Use Under Part XV.1 of the Environmental Protection Act. July 1, 2011

< Denotes result is less than indicated laboratory method detection limit

Denotes result exceeds Table 6: Generic Site Condition Standards for Shallow Soils in a Potable Ground Water Condition, Agricultural or Other Property Use, Coarse Textured Soil

Table 4: South March BESS - Groundwater Analytical Results
Baseline Site Assessment

Parameter	Reg 153 (2011) Table 6 All Types of Property Use*	ID	FY24-1
		Sample Date	12-May-26
Metals and Inorganics			
Aluminum	NV	ug/L	<10
Antimony	6	ug/L	<0.5
Arsenic	25	ug/L	<1
Barium	1000	ug/L	50
Beryllium	4	ug/L	<0.5
Boron	5000	ug/L	<10
Cadmium	2.1	ug/L	<0.4
Chromium	50	ug/L	<1
Cobalt	3.8	ug/L	<0.2
Copper	69	ug/L	<1
Cyanide (Free)	52	ug/L	<0.005
Electrical Conductivity	NV	mS/cm	0.14
Fluoride	NV	ug/L	220
Hexavalent Chromium	25	ug/L	<0.2
Lead	10	ug/L	5
Lithium	NV	ug/L	2
Magnesium	NV	ug/L	11000
Molybdenum	70	ug/L	<5
Nickel	100	ug/L	<5
Selenium	10	ug/L	<1
Silver	1.2	ug/L	<0.1
Sodium	490000	ug/L	9000
Total Phosporus	NV	ug/L	102
Thallium	2	ug/L	<0.1
Uranium	20	ug/L	<1
Vanadium	6.2	ug/L	6
Zinc	890	ug/L	<10
Polycyclic Aromatic Hydrocarbons (PAHs)			
1 + 2-Methylnaphthalene	3.2	ug/L	<0.5
Acenaphthene	4.1	ug/L	<0.5
Acenaphthylene	1	ug/L	<0.5
Anthracene	1	ug/L	<0.5
Benzo(a)anthracene	1	ug/L	<0.5
Benzo(a)pyrene	0.01	ug/L	<0.05
Benzo(b)fluoranthene	0.1	ug/L	<0.2
Benzo(g,h,i)perylene	0.2	ug/L	<0.5
Benzo(k)fluoranthene	0.1	ug/L	<0.2
Chrysene	0.1	ug/L	<0.2
Dibenzo(a,h)anthracene	0.2	ug/L	<0.5
Fluoranthene	0.41	ug/L	<0.5
Fluorene	120	ug/L	<0.5
Indeno(1,2,3-c,d)pyrene	0.2	ug/L	<0.5
Methylnapthalene, 1-	3.2	ug/L	<0.5
Methylnapthalene, 2-	3.2	ug/L	<0.5
Naphthalene	7	ug/L	<0.5
Phenanthrene	1	ug/L	<0.5
Pyrene	4.1	ug/L	<0.5

Table 4: South March BESS - Groundwater Analytical Results
Baseline Site Assessment

Parameter	Reg 153 (2011) Table 6 All Types of Property Use*	ID	FY24-1
		Sample Date	12-May-26
Petroleum Hydrocarbons (PHCs)			
PHCs F1	420	ug/g	20
PHCs F2	150	ug/g	20
PHCs F3	500	ug/g	50
PHCs F4	500	ug/g	50
BTEX			
Benzene	0.5	ug/L	<0.5
Ethylbenzene	2.4	ug/L	<0.5
Toluene	24	ug/L	<0.4
Xylene (Total)	72	ug/L	<0.5
Volatile Organic Compounds			
1,1,1,2-Tetrachloroethane	1.1	ug/L	<0.5
1,1,1-Trichloroethane	23	ug/L	<0.4
1,1,2,2-Tetrachloroethane	0.5	ug/L	<0.5
1,1,2-Trichloroethane	0.5	ug/L	<0.4
1,1-Dichloroethane	5	ug/L	<0.4
1,1-Dichloroethene	0.5	ug/L	<0.5
1,2-Dichlorobenzene	3	ug/L	<0.4
1,2-Dichloroethane	0.5	ug/L	<0.5
1,2-Dichloropropane	0.58	ug/L	<0.5
1,3-Dichlorobenzene	59	ug/L	<0.4
t-1,2-Dichloroethylene	1.6	ug/L	<0.4
t-1,3-Dichloropropylene		ug/L	<0.5
1,3-Dichloropropene, cis + trans	0.5	ug/L	<0.5
1,4-Dichlorobenzene	0.5	ug/L	<0.4
Acetone	2700	ug/L	<5
Bromodichloromethane	16	ug/L	<0.3
Bromoform	5	ug/L	<0.4
Bromomethane	0.89	ug/L	<0.5
Carbon Tetrachloride	0.2	ug/L	<0.2
Chloroform	2	ug/L	<0.5
Dibromochloromethane	25	ug/L	<0.3
Dichlorodifluoromethane	590	ug/L	<0.5
Dichloroethylene, trans-1,2-	1.6	ug/L	<0.05
Dichloromethane	26	ug/L	<4.0
Ethylene Dibromide	0.2	ug/L	<0.2
Hexane	5	ug/L	<5
Methyl ethyl ketone (MEK)	1800	ug/L	<2
Methyl isobutyl ketone (MIBK)	640	ug/L	<5
Methyl tert-butyl ether (MTBE)	15	ug/L	<2
Monochlorobenzene	30	ug/L	<0.5
Styrene	5.4	ug/L	<0.5
Tetrachloroethylene	0.5	ug/L	<0.3
Trichloroethylene	0.5	ug/L	<0.3
Trichlorofluoromethane	150	ug/L	<0.5
Vinyl Chloride	0.5	ug/L	<0.2

Notes:

* "Soil, Ground Water and and Sediment Standards for Use Under Part XV.1 of the Environmental Protection Act. July 1, 2011"

< Denotes result is less than indicated laboratory method detection limit

Denotes result exceeds Table 6: Generic Site Condition Standards for Shallow Soils in a Potable Ground Water Condition, All Types of Property Use

Table 5: South March BESS - Surface Water Analytical Results
Baseline Site Assessment

Parameter	PWQO*	ID	SW1	SW2		SW3
		Sample Date	2026-05-12	2026-05-12	2026-05-12	2026-05-12
Metals and Inorganics					SW QAQC	
Aluminum (dissolved)	75	ug/L	0.05	0.59	0.35	0.72
Antimony	0.02	ug/L	<0.0005	<0.0005	<0.0005	<0.0005
Arsenic	0.005	ug/L	<0.001	<0.001	<0.001	<0.001
Barium	NV	ug/L	<0.01	0.03	0.02	0.02
Beryllium	0.011	ug/L	<0.0005	<0.0005	<0.0005	<0.0005
Boron	0.2	ug/L	<0.01	<0.01	<0.01	<0.01
Cadmium	0.0001	ug/L	<0.0001	<0.0001	<0.0001	<0.0001
Chromium	0.0089	ug/L	<0.001	0.002	0.002	0.001
Cobalt	0.0009	ug/L	<0.0002	0.0004	0.0005	0.0002
Copper	0.005	ug/L	<0.001	0.002	0.002	0.001
Fluoride	NV	mg/L	0.1	0.11	0.11	0.11
Lead	0.001	mg/L	<0.001	<0.001	<0.001	<0.001
Lithium	NV	mg/L	<0.001	<0.001	<0.001	<0.001
Magnesium	NV	mg/L	3	5	5	5
Molybdenum	0.04	mg/L	<0.005	<0.005	<0.005	<0.005
Nickel	0.025	mg/L	<0.005	<0.005	<0.005	<0.005
Selenium	0.1	mg/L	<0.001	<0.001	<0.001	<0.001
Silver	0.0001	mg/L	<0.0001	<0.0001	<0.0001	<0.0001
Sodium	NV	mg/L	3	4	4	8
Total Phosphorus	0.03[#]	mg/L	0.01	0.036	0.045	0.032
Thallium	0.0003	mg/L	<0.0001	<0.0001	<0.0001	<0.0001
Uranium	0.005	mg/L	<0.001	<0.001	<0.001	<0.001
Vanadium	0.006	mg/L	<0.001	0.003	0.003	0.0032
Zinc	0.02	mg/L	<0.01	<0.01	<0.01	<0.01
Polycyclic Aromatic Hydrocarbons (PAHs)						
1 + 2-Methylnaphthalene	2	ug/L	<0.1	<0.1	<0.1	<0.1
Acenaphthene	NV	ug/L	<0.1	<0.1	<0.1	<0.1
Acenaphthylene	NV	ug/L	<0.1	<0.1	<0.1	<0.1
Anthracene	0.0008	ug/L	<0.1	<0.1	<0.1	<0.1
Benzo(a)anthracene	0.0004	ug/L	<0.1	<0.1	<0.1	<0.1
Benzo(a)pyrene	NV	ug/L	<0.01	<0.01	<0.01	<0.01
Benzo(b)fluoranthene	NV	ug/L	<0.05	<0.05	<0.05	<0.05
Benzo(g,h,i)perylene	0.00002	ug/L	<0.1	<0.1	<0.1	<0.1
Benzo(k)fluoranthene	0.0002	ug/L	<0.05	<0.05	<0.05	<0.05
Chrysene	0.0001	ug/L	<0.05	<0.05	<0.05	<0.05
Dibenzo(a,h)anthracene	0.002	ug/L	<0.1	<0.1	<0.1	<0.1
Fluoranthene	0.0008	ug/L	<0.1	<0.1	<0.1	<0.1
Fluorene	0.2	ug/L	<0.1	<0.1	<0.1	<0.1
Indeno(1,2,3-c,d)pyrene	NV	ug/L	<0.1	<0.1	<0.1	<0.1
Methylnapthalene, 1-	2	ug/L	<0.1	<0.1	<0.1	<0.1
Methylnapthalene, 2-	2	ug/L	<0.1	<0.1	<0.1	<0.1
Naphthalene	7	ug/L	<0.1	0.2	<0.1	<0.1
Phenanthrene	0.03	ug/L	<0.1	<0.1	<0.1	<0.1
Pyrene	NV	ug/L	<0.1	<0.1	<0.1	<0.1

Table 5: South March BESS - Surface Water Analytical Results
Baseline Site Assessment

Parameter	PWQO*	ID	SW1	SW2		SW3
		Sample Date	2026-05-12	2026-05-12	2026-05-12	2026-05-12
BTEX					SW QAQC	
Benzene	100	ug/L	<0.5	<0.5	<0.5	<0.5
Ethylbenzene	8	ug/L	<0.5	<0.5	<0.5	<0.5
Toluene	0.8	ug/L	<0.4	<0.4	<0.4	<0.4
Xylene-o	40	ug/L	<0.4	<0.4	<0.4	<0.4
Xylene-m, p	2	ug/L	<0.5	<0.5	<0.5	<0.5
Volatile Organic Compounds						
1,1,1,2-Tetrachloroethane	20	ug/L	<0.5	<0.5	<0.5	<0.5
1,1,1-Trichloroethane	10	ug/L	<0.4	<0.4	<0.4	<0.4
1,1,2,2-Tetrachloroethane	70	ug/L	<0.5	<0.5	<0.5	<0.5
1,1,2-Trichloroethane	800	ug/L	<0.4	<0.4	<0.4	<0.4
1,1-Dichloroethane	200	ug/L	<0.4	<0.4	<0.4	<0.4
1,1-Dichloroethene	40	ug/L	<0.5	<0.5	<0.5	<0.5
1,2-Dichlorobenzene	2.5	ug/L	<0.4	<0.4	<0.4	<0.4
1,2-Dichloroethane	100	ug/L	<0.5	<0.5	<0.5	<0.5
1,2-Dichloropropane	0.7	ug/L	<0.5	<0.5	<0.5	<0.5
1,3-Dichlorobenzene	2.5	ug/L	<0.4	<0.4	<0.4	<0.4
c-1,2-Dichloroethylene	200	ug/L	<0.4	<0.4	<0.4	<0.4
t-1,2-Dichloroethylene	200	ug/L	<0.4	<0.4	<0.4	<0.4
t-1,3-Dichloropropylene	7	ug/L	<0.5	<0.5	<0.5	<0.5
1,3-Dichloropropene, cis + trans	NV	ug/L	<0.5	<0.5	<0.5	<0.5
1,4-Dichlorobenzene	4	ug/L	<0.4	<0.4	<0.4	<0.4
Acetone	NV	ug/L	<5	<5	<5	<5
Bromodichloromethane	200	ug/L	<0.3	<0.3	<0.3	<0.3
Bromoform	60	ug/L	<0.4	<0.4	<0.4	<0.4
Bromomethane	0.9	ug/L	<0.5	<0.5	<0.5	<0.5
Carbon Tetrachloride	NV	ug/L	<0.2	<0.2	<0.2	<0.2
Chloroform	NV	ug/L	<0.5	<0.5	<0.5	<0.5
Dibromochloromethane	40	ug/L	<0.3	<0.3	<0.3	<0.3
Dichlorodifluoromethane	NV	ug/L	<0.5	<0.5	<0.5	<0.5
Dichloromethane	100	ug/L	<4.0	<4.0	<4.0	<4.0
Ethylene Dibromide	5	ug/L	<0.2	<0.2	<0.2	<0.2
Hexane	NV	ug/L	<5	<5	<5	<5
Methyl ethyl ketone (MEK)	400	ug/L	<2	<2	<2	<2
Methyl isobutyl ketone (MIBK)	NV	ug/L	<5	<5	<5	<5
Methyl tert-butyl ether (MTBE)	200	ug/L	<2	<2	<2	<2
Monochlorobenzene	15	ug/L	<0.5	<0.5	<0.5	<0.5
Styrene	4	ug/L	<0.5	<0.5	<0.5	<0.5
Tetrachloroethylene	50	ug/L	<0.3	<0.3	<0.3	<0.3
Trichloroethylene	20	ug/L	<0.3	<0.3	<0.3	<0.3
Trichlorofluoromethane	NV	ug/L	<0.5	<0.5	<0.5	<0.5
Vinyl Chloride	600	ug/L	<0.2	<0.2	<0.2	<0.2

Notes:

* "Water Management Policies Guidelines, Provincial Water Quality Objectives. MOEE. July 1994"

Excessive plant growth in rivers and streams should be eliminated at a total phosphorus concentration below 0.030 mg/L.

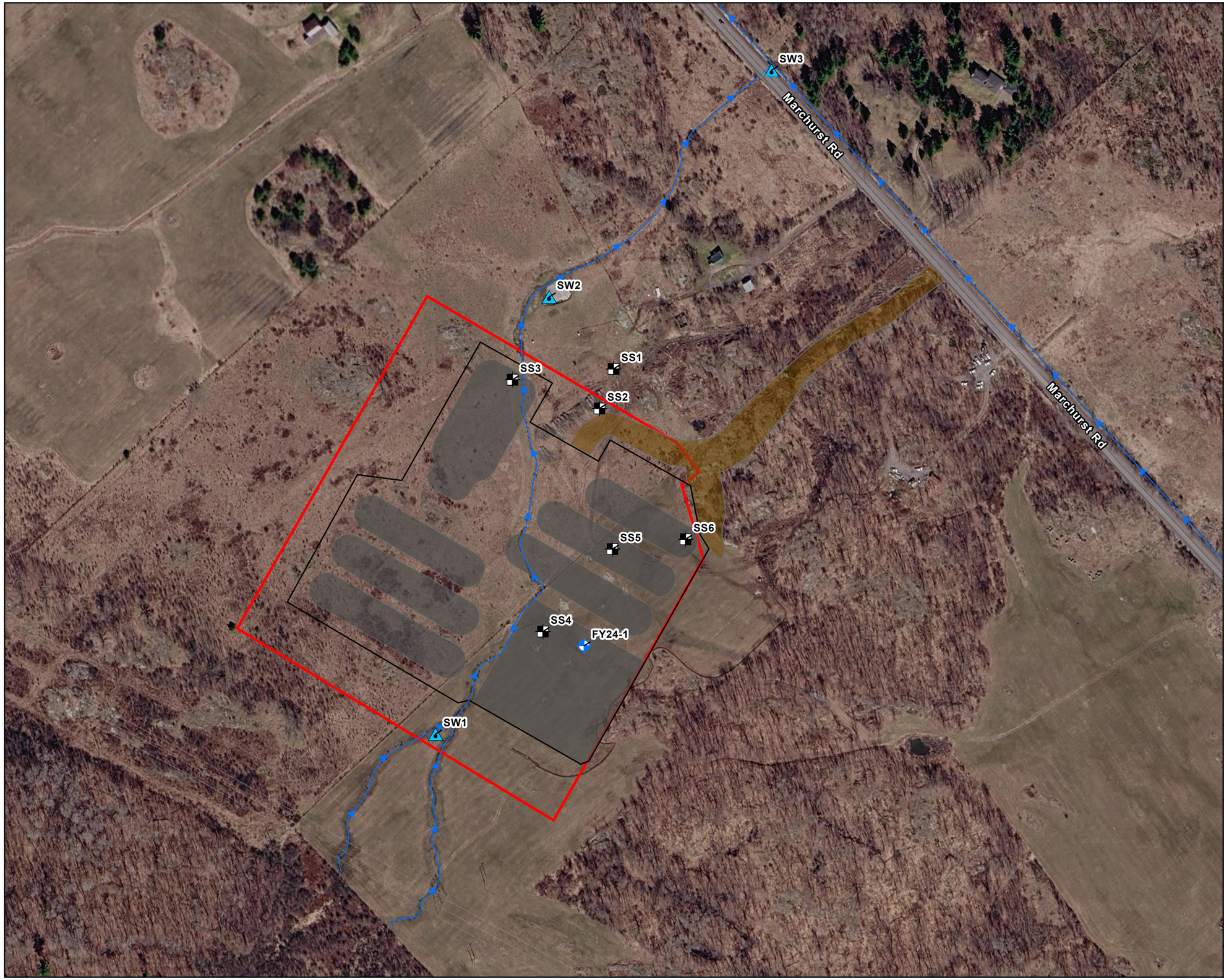
< Denotes result is less than indicated laboratory method detection limit

NV Denotes no value available

Denotes method detecction limit exceeds PWQO

Denotes exceeeds respective PWQO

Figures



LEGEND

- Groundwater Monitoring Well
- Soil Sample Location
- Surface Water Sample Location
- Battery Energy Storage System (BESS) Project Location
- Surface Water (With Flow Direction)
- Proposed Construction Footprint
- Proposed Paved Surface
- Proposed Construction Detail

REV.	DESCRIPTION	YY/MM/DD	BY	CHK
1				

REFERENCES

PROPRIETARY INFORMATION MAY NOT BE REPRODUCED OR DIVULGED WITHOUT PRIOR WRITTEN CONSENT OF BLUMETRIC ENVIRONMENTAL INC. DO NOT SCALE DRAWING. THIS DRAWING MAY HAVE BEEN REDUCED. ALL SCALE NOTATIONS INDICATED ARE BASED ON 11"x17" FORMAT DRAWINGS.

N W E S

0 50 100 Metres

1:3,000

CLIENT

Fitzroy BESS Inc.

PROJECT

Baseline Site Assessment South March BESS 2555/ 2625 Marchurst Rd, Ottawa (Dunrobin), ON

TITLE

Sample Locations

BluMetric Environmental

1682 Woodward Drive
Ottawa, ON K2C 3R8
TEL: (613) 839-3053
Email: info@blumetric.ca
Web: http://www.blumetric.ca

PROJECT #	DATE
260415	**July 23, 2026**

DRAWN	CHECKED	FIG NO.	REV
MB	**JB**	**01**	**0**

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Appendix A

Laboratory Certificates of Analyses

Certificate of Analysis

eurofins | Environment Testing

Client: Blumetric Environmental Inc.- Ottawa
1682 Woodward Drive
Carp, ON
K2C 3R8
Attention: Mr. Rob Hillier
Invoice to: BluMetric Environmental Inc.
PO#:

Report Number:	3023701
Date Submitted:	2026-05-12
Date Reported:	2026-05-20
Project:	260415
COC #:	237603
Temperature (C):	20
Custody Seal:	

Dear Rob Hillier:

Please find attached the analytical results for your samples. If you have any questions regarding this report, please do not hesitate to call (613-727-5692).

Report Comments:

Addrine Thomas 2026.05.20 16:36:28 -04'00'

Addrine Thomas, Inorganics Supervisor

All analysis is completed at Eurofins Environment Testing Canada Inc. (Ottawa, Ontario) unless otherwise stated
.
Eurofins Environment Testing Canada Inc. is accredited by CALA, Canadian Association for Laboratory Accreditation to ISO/IEC 17025 for tests which appear on the scope of accreditation. The scope is available at https://directory.cala.ca/

Please note: Field data, where presented on the report, has been provided by the client and is presented for informational purposes only. Guideline or regulatory limits listed on this report are provided for ease of use (informational purposes) only. Eurofins recommends consulting the official guideline or regulation as required. Unless otherwise stated, measurement uncertainty is not taken into account when determining guideline or regulatory exceedances.

Client: Blumetric Environmental Inc.- Ottawa
1682 Woodward Drive
Carp, ON
K2C 3R8
Attention: Mr. Rob Hillier
PO#:
Invoice to: BluMetric Environmental Inc.

Report Number: 3023701
Date Submitted: 2026-05-12
Date Reported: 2026-05-20
Project: 260415
COC #: 237603

O.Reg 153-T1-All Other Soils

Exceedence Summary

Sample I.D.	Analyte	Result	Units	Criteria
Metals				
SS3	Barium	261	ug/g	STD 220

Results relate only to the parameters tested on the samples submitted.
Methods references and/or additional QA/QC information available on request.

MRL = Method Reporting Limit, AO = Aesthetic Objective, OG = Operational Guideline, MAC = Maximum Acceptable Concentration, IMAC = Interim Maximum Acceptable Concentration, STD = Standard, PWQO = Provincial Water Quality Guideline, IPWQO = Interim Provincial Water Quality Objective, TDR = Typical Desired Range

Certificate of Analysis

Client: Blumetric Environmental Inc.- Ottawa
1682 Woodward Drive
Carp, ON
K2C 3R8
Attention: Mr. Rob Hillier
PO#:
Invoice to: BluMetric Environmental Inc.

Report Number: 3023701
Date Submitted: 2026-05-12
Date Reported: 2026-05-20
Project: 260415
COC #: 237603

Guideline = O.Reg 153-T1-All Other Soils - Res/Par/Ins/Ind/Com/Prop

Metals

Analyte	Batch No	MRL	Units	Guideline	Lab I.D. 1798363	1798364	1798365	1798366	1798367
Sample Matrix					Soil153	Soil153	Soil153	Soil153	Soil153
Sample Type									
Sample Date					2026-05-12	2026-05-12	2026-05-12	2026-05-12	2026-05-12
Sampling Time					12:44	12:34	12:58	11:36	11:54
Sample I.D.					SS1	SS2	SS3	SS4	SS5
Antimony	490642	1	ug/g	STD 1.3	<1	<1	<1	<1	<1
Arsenic	490642	1	ug/g	STD 18	<1	2	3	2	1
Barium	490642	1	ug/g	STD 220	67	199	261*	192	125
Beryllium	490642	1	ug/g	STD 2.5	<1	<1	<1	<1	<1
Boron (Hot Water Soluble)	490575	0.25	ug/g		<0.25	<0.25	0.28	<0.25	<0.25
Boron (total)	490642	5	ug/g	STD 36	<5	<5	<5	<5	<5
Cadmium	490642	0.4	ug/g	STD 1.2	<0.4	<0.4	0.4	<0.4	<0.4
Chromium Total	490642	1	ug/g	STD 70	22	50	66	51	37
Cobalt	490642	1	ug/g	STD 21	5	14	13	12	8
Copper	490642	1	ug/g	STD 92	6	20	21	16	13
Lead	490642	1	ug/g	STD 120	5	8	9	6	6
Mercury	490642	0.1	ug/g	STD 0.27	<0.1	<0.1	<0.1	<0.1	<0.1
Molybdenum	490642	1	ug/g	STD 2	<1	<1	<1	<1	<1
Nickel	490642	1	ug/g	STD 82	11	26	32	27	19
Selenium	490642	0.5	ug/g	STD 1.5	<0.5	<0.5	<0.5	<0.5	<0.5
Silver	490642	0.2	ug/g	STD 0.5	<0.2	<0.2	0.3	<0.2	<0.2
Thallium	490642	1	ug/g	STD 1	<1	<1	<1	<1	<1
Uranium	490642	0.5	ug/g	STD 2.5	<0.5	0.6	1.5	0.7	0.5
Vanadium	490642	2	ug/g	STD 86	28	62	63	60	48
Zinc	490642	2	ug/g	STD 290	39	75	129	71	57

Results relate only to the parameters tested on the samples submitted.
Methods references and/or additional QA/QC information available on request.

MRL = Method Reporting Limit, AO = Aesthetic Objective, OG = Operational Guideline, MAC = Maximum Acceptable Concentration, IMAC = Interim Maximum Acceptable Concentration, STD = Standard, PWQO = Provincial Water Quality Guideline, IPWQO = Interim Provincial Water Quality Objective, TDR = Typical Desired Range

Client: Blumetric Environmental Inc.- Ottawa
1682 Woodward Drive
Carp, ON
K2C 3R8
Attention: Mr. Rob Hillier
PO#:
Invoice to: BluMetric Environmental Inc.

Report Number: 3023701
Date Submitted: 2026-05-12
Date Reported: 2026-05-20
Project: 260415
COC #: 237603

Guideline = O.Reg 153-T1-All Other Soils - Res/Par/Ins/Ind/Com/Prop

Metals

Analyte	Batch No	MRL	Units	Guideline	Lab I.D. 1798368 Sample Matrix Soil153 Sample Type Sample Date 2026-05-12 Sampling Time 12:15 Sample I.D. SS6	Lab I.D. 1798369 Sample Matrix Soil153 Sample Type Sample Date 2026-05-12 Sampling Time Sample I.D. QAQC
Antimony	490642	1	ug/g	STD 1.3	<1	<1
Arsenic	490642	1	ug/g	STD 18	2	1
Barium	490642	1	ug/g	STD 220	90	137
Beryllium	490642	1	ug/g	STD 2.5	<1	<1
Boron (Hot Water Soluble)	490575	0.25	ug/g		<0.25	<0.25
Boron (total)	490642	5	ug/g	STD 36	<5	<5
Cadmium	490642	0.4	ug/g	STD 1.2	<0.4	<0.4
Chromium Total	490642	1	ug/g	STD 70	31	40
Cobalt	490642	1	ug/g	STD 21	7	9
Copper	490642	1	ug/g	STD 92	9	14
Lead	490642	1	ug/g	STD 120	8	6
Mercury	490642	0.1	ug/g	STD 0.27	<0.1	<0.1
Molybdenum	490642	1	ug/g	STD 2	<1	<1
Nickel	490642	1	ug/g	STD 82	16	21
Selenium	490642	0.5	ug/g	STD 1.5	<0.5	<0.5
Silver	490642	0.2	ug/g	STD 0.5	0.2	<0.2
Thallium	490642	1	ug/g	STD 1	<1	<1
Uranium	490642	0.5	ug/g	STD 2.5	0.7	0.6
Vanadium	490642	2	ug/g	STD 86	56	53
Zinc	490642	2	ug/g	STD 290	69	59

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MRL = Method Reporting Limit, AO = Aesthetic Objective, OG = Operational Guideline, MAC = Maximum Acceptable Concentration, IMAC = Interim Maximum Acceptable Concentration, STD = Standard, PWQO = Provincial Water Quality Guideline, IPWQO = Interim Provincial Water Quality Objective, TDR = Typical Desired Range

Client: Blumetric Environmental Inc.- Ottawa
1682 Woodward Drive
Carp, ON
K2C 3R8
Attention: Mr. Rob Hillier
PO#:
Invoice to: BluMetric Environmental Inc.

Report Number: 3023701
Date Submitted: 2026-05-12
Date Reported: 2026-05-20
Project: 260415
COC #: 237603

Guideline = O.Reg 153-T1-All Other Soils - Res/Par/Ins/Ind/Com/Prop

Others

Analyte	Batch No	MRL	Units	Guideline	Lab I.D.	1798363	1798364	1798365	1798366	1798367
					Sample Matrix	Soil153	Soil153	Soil153	Soil153	Soil153
					Sample Type					
					Sample Date	2026-05-12	2026-05-12	2026-05-12	2026-05-12	2026-05-12
					Sampling Time	12:44	12:34	12:58	11:36	11:54
					Sample I.D.	SS1	SS2	SS3	SS4	SS5
Chromium VI	490625	0.20	ug/g	STD 0.66		<0.20	<0.20	<0.20	<0.20	<0.20

Others

Analyte	Batch No	MRL	Units	Guideline	Lab I.D.	1798368	1798369
					Sample Matrix	Soil153	Soil153
					Sample Type		
					Sample Date	2026-05-12	2026-05-12
					Sampling Time	12:15	
					Sample I.D.	SS6	QAQC
Chromium VI	490625	0.20	ug/g	STD 0.66		<0.20	<0.20

Results relate only to the parameters tested on the samples submitted.
Methods references and/or additional QA/QC information available on request.

MRL = Method Reporting Limit, AO = Aesthetic Objective, OG = Operational Guideline, MAC = Maximum Acceptable Concentration, IMAC = Interim Maximum Acceptable Concentration, STD = Standard, PWQO = Provincial Water Quality Guideline, IPWQO = Interim Provincial Water Quality Objective, TDR = Typical Desired Range

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PAH

Analyte	Batch No	MRL	Units	Guideline	Lab I.D. 1798363	1798364	1798365	1798366	1798367
					Sample Matrix Soil153	Soil153	Soil153	Soil153	Soil153
					Sample Type				
					Sample Date 2026-05-12	2026-05-12	2026-05-12	2026-05-12	2026-05-12
					Sampling Time 12:44	12:34	12:58	11:36	11:54
					Sample I.D. SS1	SS2	SS3	SS4	SS5
1+2-methylnaphthalene	490527	0.05	ug/g	STD 0.59	<0.05	<0.05	<0.05	<0.05	<0.05
Acenaphthene	490525	0.05	ug/g	STD 0.072	<0.05	<0.05	<0.05	<0.05	<0.05
Acenaphthylene	490525	0.05	ug/g	STD 0.093	<0.05	<0.05	<0.05	<0.05	<0.05
Anthracene	490525	0.05	ug/g	STD 0.16	<0.05	<0.05	<0.05	<0.05	<0.05
Benz[a]anthracene	490525	0.05	ug/g	STD 0.36	<0.05	<0.05	<0.05	<0.05	<0.05
Benzo[a]pyrene	490525	0.05	ug/g	STD 0.3	<0.05	<0.05	<0.05	<0.05	<0.05
Benzo[b]fluoranthene	490525	0.05	ug/g	STD 0.47	<0.05	<0.05	<0.05	<0.05	<0.05
Benzo[ghi]perylene	490525	0.05	ug/g	STD 0.68	<0.05	<0.05	<0.05	<0.05	<0.05
Benzo[k]fluoranthene	490525	0.05	ug/g	STD 0.48	<0.05	<0.05	<0.05	<0.05	<0.05
Chrysene	490525	0.05	ug/g	STD 2.8	<0.05	<0.05	<0.05	<0.05	<0.05
Dibenz[a h]anthracene	490525	0.05	ug/g	STD 0.1	<0.05	<0.05	<0.05	<0.05	<0.05
Fluoranthene	490525	0.05	ug/g	STD 0.56	<0.05	<0.05	<0.05	<0.05	<0.05
Fluorene	490525	0.05	ug/g	STD 0.12	<0.05	<0.05	<0.05	<0.05	<0.05
Indeno[1 2 3-cd]pyrene	490525	0.05	ug/g	STD 0.23	<0.05	<0.05	<0.05	<0.05	<0.05
Methlynaphthalene, 1-	490525	0.05	ug/g	STD 0.59	<0.05	<0.05	<0.05	<0.05	<0.05
Methlynaphthalene, 2-	490525	0.05	ug/g	STD 0.59	<0.05	<0.05	<0.05	<0.05	<0.05
Naphthalene	490525	0.013	ug/g	STD 0.09	<0.013	<0.013	<0.013	<0.013	<0.013
Phenanthrene	490525	0.05	ug/g	STD 0.69	<0.05	<0.05	<0.05	<0.05	<0.05
Pyrene	490525	0.05	ug/g	STD 1	<0.05	<0.05	<0.05	<0.05	<0.05

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K2C 3R8
Attention: Mr. Rob Hillier
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Invoice to: BluMetric Environmental Inc.

Report Number: 3023701
Date Submitted: 2026-05-12
Date Reported: 2026-05-20
Project: 260415
COC #: 237603

Guideline = O.Reg 153-T1-All Other Soils - Res/Par/Ins/Ind/Com/Prop

PAH

Analyte	Batch No	MRL	Units	Guideline	Lab I.D. 1798368 Sample Matrix Soil153 Sample Type Sample Date 2026-05-12 Sampling Time 12:15 Sample I.D. SS6	Lab I.D. 1798369 Sample Matrix Soil153 Sample Type Sample Date 2026-05-12 Sampling Time Sample I.D. QAQC
1+2-methylnaphthalene	490560	0.05	ug/g	STD 0.59	<0.05	<0.05
Acenaphthene	490525	0.05	ug/g	STD 0.072	<0.05	<0.05
Acenaphthylene	490525	0.05	ug/g	STD 0.093	0.05	<0.05
Anthracene	490525	0.05	ug/g	STD 0.16	<0.05	<0.05
Benz[a]anthracene	490525	0.05	ug/g	STD 0.36	<0.05	<0.05
Benzo[a]pyrene	490525	0.05	ug/g	STD 0.3	<0.05	<0.05
Benzo[b]fluoranthene	490525	0.05	ug/g	STD 0.47	<0.05	<0.05
Benzo[ghi]perylene	490525	0.05	ug/g	STD 0.68	<0.05	<0.05
Benzo[k]fluoranthene	490525	0.05	ug/g	STD 0.48	<0.05	<0.05
Chrysene	490525	0.05	ug/g	STD 2.8	<0.05	<0.05
Dibenz[a h]anthracene	490525	0.05	ug/g	STD 0.1	<0.05	<0.05
Fluoranthene	490525	0.05	ug/g	STD 0.56	<0.05	<0.05
Fluorene	490525	0.05	ug/g	STD 0.12	<0.05	<0.05
Indeno[1 2 3-cd]pyrene	490525	0.05	ug/g	STD 0.23	<0.05	<0.05
Methlynaphthalene, 1-	490525	0.05	ug/g	STD 0.59	<0.05	<0.05
Methlynaphthalene, 2-	490525	0.05	ug/g	STD 0.59	<0.05	<0.05
Naphthalene	490525	0.013	ug/g	STD 0.09	<0.013	<0.013
Phenanthrene	490525	0.05	ug/g	STD 0.69	<0.05	<0.05
Pyrene	490525	0.05	ug/g	STD 1	<0.05	<0.05

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Client: Blumetric Environmental Inc.- Ottawa
1682 Woodward Drive
Carp, ON
K2C 3R8
Attention: Mr. Rob Hillier
PO#:
Invoice to: BluMetric Environmental Inc.

Report Number: 3023701
Date Submitted: 2026-05-12
Date Reported: 2026-05-20
Project: 260415
COC #: 237603

Guideline = O.Reg 153-T1-All Other Soils - Res/Par/Ins/Ind/Com/Prop

Volatiles

Analyte	Batch No	MRL	Units	Guideline	Lab I.D. 1798363 Soil153 2026-05-12 12:44 SS1	Lab I.D. 1798364 Soil153 2026-05-12 12:34 SS2	Lab I.D. 1798365 Soil153 2026-05-12 12:58 SS3	Lab I.D. 1798366 Soil153 2026-05-12 11:36 SS4	Lab I.D. 1798367 Soil153 2026-05-12 11:54 SS5
Acetone	490526	0.50	ug/g	STD 0.5	<0.50	<0.50	<0.50	<0.50	<0.50
Benzene	490526	0.0068	ug/g	STD 0.02	<0.0068	<0.0068	<0.0068	<0.0068	<0.0068
Bromodichloromethane	490526	0.05	ug/g	STD 0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Bromoform	490526	0.05	ug/g	STD 0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Bromomethane	490526	0.05	ug/g	STD 0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Carbon Tetrachloride	490526	0.05	ug/g	STD 0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Chlorobenzene	490526	0.05	ug/g	STD 0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Chloroform	490526	0.05	ug/g	STD 0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Dibromochloromethane	490526	0.05	ug/g	STD 0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Dichlorobenzene, 1,2-	490526	0.05	ug/g	STD 0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Dichlorobenzene, 1,3-	490526	0.05	ug/g	STD 0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Dichlorobenzene, 1,4-	490526	0.05	ug/g	STD 0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Dichlorodifluoromethane	490526	0.05	ug/g	STD 0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Dichloroethane, 1,1-	490526	0.05	ug/g	STD 0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Dichloroethane, 1,2-	490526	0.05	ug/g	STD 0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Dichloroethylene, 1,1-	490526	0.05	ug/g	STD 0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Dichloroethylene, 1,2-cis-	490526	0.05	ug/g	STD 0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Dichloroethylene, 1,2-trans-	490526	0.05	ug/g	STD 0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Dichloropropane, 1,2-	490526	0.05	ug/g	STD 0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Dichloropropene,1,3-	490531	0.05	ug/g	STD 0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Dichloropropene,1,3-cis-	490526	0.05	ug/g		<0.05	<0.05	<0.05	<0.05	<0.05
Dichloropropene,1,3-trans-	490526	0.05	ug/g		<0.05	<0.05	<0.05	<0.05	<0.05
Ethylbenzene	490526	0.018	ug/g	STD 0.05	<0.018	<0.018	<0.018	<0.018	<0.018

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MRL = Method Reporting Limit, AO = Aesthetic Objective, OG = Operational Guideline, MAC = Maximum Acceptable Concentration, IMAC = Interim Maximum Acceptable Concentration, STD = Standard, PWQO = Provincial Water Quality Guideline, IPWQO = Interim Provincial Water Quality Objective, TDR = Typical Desired Range

Client: Blumetric Environmental Inc.- Ottawa
1682 Woodward Drive
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Attention: Mr. Rob Hillier
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Invoice to: BluMetric Environmental Inc.

Report Number: 3023701
Date Submitted: 2026-05-12
Date Reported: 2026-05-20
Project: 260415
COC #: 237603

Guideline = O.Reg 153-T1-All Other Soils - Res/Par/Ins/Ind/Com/Prop

Volatiles

Analyte	Batch No	MRL	Units	Guideline	Lab I.D. 1798363	1798364	1798365	1798366	1798367
Sample Matrix					Soil153	Soil153	Soil153	Soil153	Soil153
Sample Type									
Sample Date					2026-05-12	2026-05-12	2026-05-12	2026-05-12	2026-05-12
Sampling Time					12:44	12:34	12:58	11:36	11:54
Sample I.D.					SS1	SS2	SS3	SS4	SS5
Ethylene dibromide	490526	0.05	ug/g	STD 0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Hexane (n)	490526	0.05	ug/g	STD 0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Methyl Ethyl Ketone	490526	0.50	ug/g	STD 0.5	<0.50	<0.50	<0.50	<0.50	<0.50
Methyl Isobutyl Ketone	490526	0.50	ug/g	STD 0.5	<0.50	<0.50	<0.50	<0.50	<0.50
Methyl tert-Butyl Ether (MTBE)	490526	0.05	ug/g	STD 0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Methylene Chloride	490526	0.05	ug/g	STD 0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Styrene	490526	0.05	ug/g	STD 0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Tetrachloroethane, 1,1,1,2-	490526	0.05	ug/g	STD 0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Tetrachloroethane, 1,1,2,2-	490526	0.05	ug/g	STD 0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Tetrachloroethylene	490526	0.05	ug/g	STD 0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Toluene	490526	0.08	ug/g	STD 0.2	<0.08	<0.08	<0.08	<0.08	<0.08
Trichloroethane, 1,1,1-	490526	0.05	ug/g	STD 0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Trichloroethane, 1,1,2-	490526	0.05	ug/g	STD 0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Trichloroethylene	490526	0.01	ug/g	STD 0.05	<0.01	<0.01	<0.01	<0.01	<0.01
Trichlorofluoromethane	490526	0.05	ug/g	STD 0.25	<0.05	<0.05	<0.05	<0.05	<0.05
Vinyl Chloride	490526	0.02	ug/g	STD 0.02	<0.02	<0.02	<0.02	<0.02	<0.02
Xylene Mixture	490529	0.05	ug/g	STD 0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Xylene, m/p-	490526	0.05	ug/g		<0.05	<0.05	<0.05	<0.05	<0.05
Xylene, o-	490526	0.05	ug/g		<0.05	<0.05	<0.05	<0.05	<0.05

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Project: 260415
COC #: 237603

Guideline = O.Reg 153-T1-All Other Soils - Res/Par/Ins/Ind/Com/Prop

Volatiles

Analyte	Batch No	MRL	Units	Guideline	Lab I.D. 1798368 Sample Matrix Soil153 Sample Type Sample Date 2026-05-12 Sampling Time 12:15 Sample I.D. SS6	Lab I.D. 1798369 Sample Matrix Soil153 Sample Type Sample Date 2026-05-12 Sampling Time Sample I.D. QAQC
Acetone	490526	0.50	ug/g	STD 0.5	<0.50	<0.50
Benzene	490526	0.0068	ug/g	STD 0.02	<0.0068	<0.0068
Bromodichloromethane	490526	0.05	ug/g	STD 0.05	<0.05	<0.05
Bromoform	490526	0.05	ug/g	STD 0.05	<0.05	<0.05
Bromomethane	490526	0.05	ug/g	STD 0.05	<0.05	<0.05
Carbon Tetrachloride	490526	0.05	ug/g	STD 0.05	<0.05	<0.05
Chlorobenzene	490526	0.05	ug/g	STD 0.05	<0.05	<0.05
Chloroform	490526	0.05	ug/g	STD 0.05	<0.05	<0.05
Dibromochloromethane	490526	0.05	ug/g	STD 0.05	<0.05	<0.05
Dichlorobenzene, 1,2-	490526	0.05	ug/g	STD 0.05	<0.05	<0.05
Dichlorobenzene, 1,3-	490526	0.05	ug/g	STD 0.05	<0.05	<0.05
Dichlorobenzene, 1,4-	490526	0.05	ug/g	STD 0.05	<0.05	<0.05
Dichlorodifluoromethane	490526	0.05	ug/g	STD 0.05	<0.05	<0.05
Dichloroethane, 1,1-	490526	0.05	ug/g	STD 0.05	<0.05	<0.05
Dichloroethane, 1,2-	490526	0.05	ug/g	STD 0.05	<0.05	<0.05
Dichloroethylene, 1,1-	490526	0.05	ug/g	STD 0.05	<0.05	<0.05
Dichloroethylene, 1,2-cis-	490526	0.05	ug/g	STD 0.05	<0.05	<0.05
Dichloroethylene, 1,2-trans-	490526	0.05	ug/g	STD 0.05	<0.05	<0.05
Dichloropropane, 1,2-	490526	0.05	ug/g	STD 0.05	<0.05	<0.05
Dichloropropene,1,3-	490531	0.05	ug/g	STD 0.05	<0.05	<0.05
Dichloropropene,1,3-cis-	490526	0.05	ug/g		<0.05	<0.05
Dichloropropene,1,3-trans-	490526	0.05	ug/g		<0.05	<0.05
Ethylbenzene	490526	0.018	ug/g	STD 0.05	<0.018	<0.018

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MRL = Method Reporting Limit, AO = Aesthetic Objective, OG = Operational Guideline, MAC = Maximum Acceptable Concentration, IMAC = Interim Maximum Acceptable Concentration, STD = Standard, PWQO = Provincial Water Quality Guideline, IPWQO = Interim Provincial Water Quality Objective, TDR = Typical Desired Range

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Date Reported: 2026-05-20
Project: 260415
COC #: 237603

Guideline = O.Reg 153-T1-All Other Soils - Res/Par/Ins/Ind/Com/Prop

Volatiles

Analyte	Batch No	MRL	Units	Guideline	Lab I.D. 1798368 Sample Matrix Soil153 Sample Type Sample Date 2026-05-12 Sampling Time 12:15 Sample I.D. SS6	Lab I.D. 1798369 Sample Matrix Soil153 Sample Type Sample Date 2026-05-12 Sampling Time Sample I.D. QAQC
Ethylene dibromide	490526	0.05	ug/g	STD 0.05	<0.05	<0.05
Hexane (n)	490526	0.05	ug/g	STD 0.05	<0.05	<0.05
Methyl Ethyl Ketone	490526	0.50	ug/g	STD 0.5	<0.50	<0.50
Methyl Isobutyl Ketone	490526	0.50	ug/g	STD 0.5	<0.50	<0.50
Methyl tert-Butyl Ether (MTBE)	490526	0.05	ug/g	STD 0.05	<0.05	<0.05
Methylene Chloride	490526	0.05	ug/g	STD 0.05	<0.05	<0.05
Styrene	490526	0.05	ug/g	STD 0.05	<0.05	<0.05
Tetrachloroethane, 1,1,1,2-	490526	0.05	ug/g	STD 0.05	<0.05	<0.05
Tetrachloroethane, 1,1,2,2-	490526	0.05	ug/g	STD 0.05	<0.05	<0.05
Tetrachloroethylene	490526	0.05	ug/g	STD 0.05	<0.05	<0.05
Toluene	490526	0.08	ug/g	STD 0.2	<0.08	<0.08
Trichloroethane, 1,1,1-	490526	0.05	ug/g	STD 0.05	<0.05	<0.05
Trichloroethane, 1,1,2-	490526	0.05	ug/g	STD 0.05	<0.05	<0.05
Trichloroethylene	490526	0.01	ug/g	STD 0.05	<0.01	<0.01
Trichlorofluoromethane	490526	0.05	ug/g	STD 0.25	<0.05	<0.05
Vinyl Chloride	490526	0.02	ug/g	STD 0.02	<0.02	<0.02
Xylene Mixture	490529	0.05	ug/g	STD 0.05	<0.05	<0.05
Xylene, m/p-	490526	0.05	ug/g		<0.05	<0.05
Xylene, o-	490526	0.05	ug/g		<0.05	<0.05

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Client: Blumetric Environmental Inc.- Ottawa
1682 Woodward Drive
Carp, ON
K2C 3R8
Attention: Mr. Rob Hillier
PO#:
Invoice to: BluMetric Environmental Inc.

Report Number: 3023701
Date Submitted: 2026-05-12
Date Reported: 2026-05-20
Project: 260415
COC #: 237603

Guideline = O.Reg 153-T1-All Other Soils - Res/Par/Ins/Ind/Com/Prop

Inorganics

Analyte	Batch No	MRL	Units	Guideline	Lab I.D. / Sample Matrix / Sample Type / Sample Date / Sampling Time / Sample I.D.				
					1798363 Soil153 2026-05-12 12:44 SS1	1798364 Soil153 2026-05-12 12:34 SS2	1798365 Soil153 2026-05-12 12:58 SS3	1798366 Soil153 2026-05-12 11:36 SS4	1798367 Soil153 2026-05-12 11:54 SS5
Cyanide (CN-)	490581	0.005	ug/g	STD 0.051	<0.005	<0.005	<0.005	<0.005	<0.005
Electrical Conductivity	490576	0.05	mS/cm	STD 0.57	0.14	0.14	0.08	0.08	0.05
pH - CaCl2	490553	2.00			5.93	5.89	5.98	5.81	5.47
Sodium Adsorption Ratio	490582	0.01		STD 2.4	0.60	0.60	1.01	0.98	0.65

Inorganics

Analyte	Batch No	MRL	Units	Guideline	Lab I.D. / Sample Matrix / Sample Type / Sample Date / Sampling Time / Sample I.D.	
					1798368 Soil153 2026-05-12 12:15 SS6	1798369 Soil153 2026-05-12 QAQC
Cyanide (CN-)	490581	0.005	ug/g	STD 0.051	<0.005	<0.005
Electrical Conductivity	490576	0.05	mS/cm	STD 0.57	0.08	0.05
pH - CaCl2	490553	2.00			5.76	5.47
Sodium Adsorption Ratio	490582	0.01		STD 2.4	0.47	0.69

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Moisture

Analyte	Batch No	MRL	Units	Guideline	Lab I.D.	1798363	1798364	1798365	1798366	1798367
					Sample Matrix	Soil153	Soil153	Soil153	Soil153	Soil153
					Sample Type					
					Sample Date	2026-05-12	2026-05-12	2026-05-12	2026-05-12	2026-05-12
					Sampling Time	12:44	12:34	12:58	11:36	11:54
					Sample I.D.	SS1	SS2	SS3	SS4	SS5
Moisture-Humidite	490538	0.1	%			16.4	19.2	27.6	20.3	18.7

Moisture

Analyte	Batch No	MRL	Units	Guideline	Lab I.D.	1798368	1798369
					Sample Matrix	Soil153	Soil153
					Sample Type		
					Sample Date	2026-05-12	2026-05-12
					Sampling Time	12:15	
					Sample I.D.	SS6	QAQC
Moisture-Humidite	490538	0.1	%			24.9	19.6

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VOCs Surrogates

Analyte	Batch No	MRL	Units	Guideline	Lab I.D. 1798363 Sample Matrix Soil153 Sample Type Sample Date 2026-05-12 Sampling Time 12:44 Sample I.D. SS1	1798364 Soil153 2026-05-12 12:34 SS2	1798365 Soil153 2026-05-12 12:58 SS3	1798366 Soil153 2026-05-12 11:36 SS4	1798367 Soil153 2026-05-12 11:54 SS5
1,2-dichloroethane-d4	490526	0	%		119	116	120	112	113
4-bromofluorobenzene	490526	0	%		94	99	99	101	102
Toluene-d8	490526	0	%		98	108	104	107	96

VOCs Surrogates

Analyte	Batch No	MRL	Units	Guideline	Lab I.D. 1798368 Sample Matrix Soil153 Sample Type Sample Date 2026-05-12 Sampling Time 12:15 Sample I.D. SS6	1798369 Soil153 2026-05-12 QAQC
1,2-dichloroethane-d4	490526	0	%		119	118
4-bromofluorobenzene	490526	0	%		104	100
Toluene-d8	490526	0	%		102	107

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Quality Assurance Summary

Batch No	Analyte	Blank	QC % Rec	QC Limits	Spike % Rec	Spike Limits	Dup % RPD	Duplicate Limits
490525	Methlynaphthalene, 1-	<0.05 ug/g	112	50-140	112	50-140	0	0-40
490525	Methlynaphthalene, 2-	<0.05 ug/g	132	50-140	132	50-140	0	0-40
490525	Acenaphthene	<0.05 ug/g	88	50-140	84	50-140	0	0-40
490525	Acenaphthylene	<0.05 ug/g	72	50-140	68	50-140	0	0-40
490525	Anthracene	<0.05 ug/g	76	50-140	72	50-140	0	0-40
490525	Benz[a]anthracene	<0.05 ug/g	68	50-140	68	50-140	0	0-40
490525	Benzo[a]pyrene	<0.05 ug/g	64	50-140	64	50-140	0	0-40
490525	Benzo[b]fluoranthene	<0.05 ug/g	88	50-140	84	50-140	0	0-40
490525	Benzo[ghi]perylene	<0.05 ug/g	60	50-140	60	50-140	0	0-40
490525	Benzo[k]fluoranthene	<0.05 ug/g	76	50-140	76	50-140	0	0-40
490525	Chrysene	<0.05 ug/g	72	50-140	68	50-140	0	0-40
490525	Dibenz[a h]anthracene	<0.05 ug/g	92	50-140	88	50-140	0	0-40
490525	Fluoranthene	<0.05 ug/g	72	50-140	72	50-140	0	0-40
490525	Fluorene	<0.05 ug/g	88	50-140	84	50-140	0	0-40
490525	Indeno[1 2 3-cd]pyrene	<0.05 ug/g	88	50-140	84	50-140	0	0-40
490525	Naphthalene	<0.013 ug/g	76	50-140	68	50-140	0	0-40
490525	Phenanthrene	<0.05 ug/g	84	50-140	84	50-140	0	0-40
490525	Pyrene	<0.05 ug/g	76	50-140	72	50-140	0	0-40
490526	Tetrachloroethane, 1,1,1,2-	<0.05 ug/g	69	60-130	67	50-140	0	0-50
490526	Trichloroethane, 1,1,1-	<0.05 ug/g	80	60-130	71	50-140	0	0-50
490526	Tetrachloroethane, 1,1,2,2-	<0.05 ug/g	75	60-130	71	50-140	0	0-30
490526	Trichloroethane, 1,1,2-	<0.05 ug/g	73	60-130	77	50-140	0	0-50
490526	Dichloroethane, 1,1-	<0.05 ug/g	74	60-130	83	50-140	0	0-50
490526	Dichloroethylene, 1,1-	<0.05 ug/g	88	60-130	88	50-140	0	0-50
490526	Dichlorobenzene, 1,2-	<0.05 ug/g	69	60-130	66	50-140	0	0-50
490526	Dichloroethane, 1,2-	<0.05 ug/g	78	60-130	91	50-140	0	0-50
490526	Dichloropropane, 1,2-	<0.05 ug/g	71	60-130	85	50-140	0	0-50
490526	Dichlorobenzene, 1,3-	<0.05 ug/g	62	60-130	64	50-140	0	0-50
490526	Dichlorobenzene, 1,4-	<0.05 ug/g	63	60-130	66	50-140	0	0-50
490526	Acetone	<0.50 ug/g	129	50-140	131	50-140	0	0-50
490526	Benzene	<0.0068	90	60-130	96	50-140	0	0-50
490526	Bromodichloromethane	<0.05 ug/g	71	60-130	82	50-140	0	0-50

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1682 Woodward Drive
Carp, ON
K2C 3R8
Attention: Mr. Rob Hillier
PO#:
Invoice to: BluMetric Environmental Inc.

Report Number: 3023701
Date Submitted: 2026-05-12
Date Reported: 2026-05-20
Project: 260415
COC #: 237603

Quality Assurance Summary

Batch No	Analyte	Blank	QC % Rec	QC Limits	Spike % Rec	Spike Limits	Dup % RPD	Duplicate Limits
490526	Bromoform	<0.05 ug/g	62	60-130	60	50-140	0	0-50
490526	Bromomethane	<0.05 ug/g	92	60-130	95	50-140	0	0-50
490526	Dichloroethylene, 1,2-cis-	<0.05 ug/g	68	60-130	72	50-140	0	0-50
490526	Dichloropropene,1,3-cis-	<0.05 ug/g	98	60-130	72	50-140	0	0-50
490526	Carbon Tetrachloride	<0.05 ug/g	74	60-130	74	50-140	0	0-50
490526	Chloroform	<0.05 ug/g	85	60-130	88	50-140	0	0-50
490526	Dibromochloromethane	<0.05 ug/g	71	60-130	66	50-140	0	0-50
490526	Dichlorodifluoromethane	<0.05 ug/g	69	60-130	57	50-140	0	0-50
490526	Methylene Chloride	<0.05 ug/g	78	60-130	124	50-140	0	0-50
490526	Ethylbenzene	<0.018 ug/g	74	60-130	71	50-140	0	0-50
490526	Ethylene dibromide	<0.05 ug/g	68	60-130	73	50-140	0	0-50
490526	Hexane (n)	<0.05 ug/g	112	60-130	101	50-140	0	0-50
490526	Xylene, m/p-	<0.05 ug/g	108	60-130	113	50-140	0	0-50
490526	Methyl Ethyl Ketone	<0.50 ug/g	92	50-140	82	50-140	0	0-50
490526	Methyl Isobutyl Ketone	<0.50 ug/g	107	50-140	83	50-140	0	0-50
490526	Methyl tert-Butyl Ether (MTBE)	<0.05 ug/g	66	50-140	68	50-140	0	0-50
490526	Chlorobenzene	<0.05 ug/g	67	60-130	72	50-140	0	0-50
490526	Xylene, o-	<0.05 ug/g	67	60-130	70	50-140	0	0-50
490526	Styrene	<0.05 ug/g	60	60-130	69	50-140	0	0-50
490526	Dichloroethylene, 1,2-trans-	<0.05 ug/g	64	60-130	72	50-140	0	0-50
490526	Dichloropropene,1,3-trans-	<0.05 ug/g	67	60-130	68	50-140	0	0-50
490526	Tetrachloroethylene	<0.05 ug/g	88	60-130	80	50-140	0	0-50
490526	Toluene	<0.08 ug/g	90	60-130	94	50-140	0	0-50
490526	Trichloroethylene	<0.01 ug/g	72	60-130	75	50-140	0	0-50
490526	Trichlorofluoromethane	<0.05 ug/g	80	60-130	77	50-140	0	0-50
490526	Vinyl Chloride	<0.02 ug/g	77	60-130	83	50-140	0	0-50
490527	1+2-methylnaphthalene							
490529	Xylene Mixture							
490531	Dichloropropene,1,3-							
490538	Moisture-Humidite			80-120			0	
490553	pH - CaCl2	7.54	101	90-110			0	
490560	1+2-methylnaphthalene							
490575	Boron (Hot Water Soluble)	<0.25 ug/g	102	70-130	114	60-140	0	0-30

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Project: 260415
COC #: 237603

Quality Assurance Summary

Batch No	Analyte	Blank	QC % Rec	QC Limits	Spike % Rec	Spike Limits	Dup % RPD	Duplicate Limits
490576	Electrical Conductivity	<0.05	100	90-110			0	0-10
490581	Cyanide (CN-)	<0.005 ug/g	82	75-125	97	70-130	0	0-20
490582	Sodium Adsorption Ratio	<0.01					0	
490625	Chromium VI	<0.20 ug/g	98	70-130	71	70-130	0	0-35
490642	Silver	<0.2 ug/g	101	70-130		70-130	0	0-30
490642	Arsenic	<1 ug/g	98	70-130		70-130	0	0-30
490642	Boron (total)	<5 ug/g	99	70-130		70-130	0	0-30
490642	Barium	<1 ug/g	101	70-130		70-130	0	0-30
490642	Beryllium	<1 ug/g	98	70-130		70-130	0	0-30
490642	Cadmium	<0.4 ug/g	105	70-130		70-130	0	0-30
490642	Cobalt	<1 ug/g	107	70-130		70-130	0	0-30
490642	Chromium Total	<1 ug/g	109	70-130		70-130	0	0-30
490642	Copper	<1 ug/g	111	70-130		70-130	0	0-30
490642	Mercury	<0.1 ug/g	90	70-130		70-130	0	0-30
490642	Molybdenum	<1 ug/g	103	70-130		70-130	0	0-30
490642	Nickel	<1 ug/g	109	70-130		70-130	0	0-30
490642	Lead	<1 ug/g	105	70-130		70-130	0	0-30
490642	Antimony	<1 ug/g	105	70-130		70-130	0	0-30
490642	Selenium	<0.5 ug/g	100	70-130		70-130	0	0-30
490642	Thallium	<1 ug/g	105	70-130		70-130	0	0-30
490642	Uranium	<0.5 ug/g	98	70-130		70-130	0	0-30
490642	Vanadium	<2 ug/g	104	70-130		70-130	0	0-30
490642	Zinc	<2 ug/g	104	70-130		70-130	0	0-30

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Certificate of Analysis

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Project: 260415
COC #: 237603

Test Summary

Batch No	Analyte	Instrument	Prep aration Date	Analysis Date	Analyst	Method
490525	Methlynaphthalene, 1-	GC-MS	2026-05-13	2026-05-15	ACN	P 8270
490525	Methlynaphthalene, 2-	GC-MS	2026-05-13	2026-05-15	ACN	P 8270
490525	Acenaphthene	GC-MS	2026-05-13	2026-05-15	ACN	P 8270
490525	Acenaphthylene	GC-MS	2026-05-13	2026-05-15	ACN	P 8270
490525	Anthracene	GC-MS	2026-05-13	2026-05-15	ACN	P 8270
490525	Benz[a]anthracene	GC-MS	2026-05-13	2026-05-15	ACN	P 8270
490525	Benzo[a]pyrene	GC-MS	2026-05-13	2026-05-15	ACN	P 8270
490525	Benzo[b]fluoranthene	GC-MS	2026-05-13	2026-05-15	ACN	P 8270
490525	Benzo[ghi]perylene	GC-MS	2026-05-13	2026-05-15	ACN	P 8270
490525	Benzo[k]fluoranthene	GC-MS	2026-05-13	2026-05-15	ACN	P 8270
490525	Chrysene	GC-MS	2026-05-13	2026-05-15	ACN	P 8270
490525	Dibenz[a h]anthracene	GC-MS	2026-05-13	2026-05-15	ACN	P 8270
490525	Fluoranthene	GC-MS	2026-05-13	2026-05-15	ACN	P 8270
490525	Fluorene	GC-MS	2026-05-13	2026-05-15	ACN	P 8270
490525	Indeno[1 2 3-cd]pyrene	GC-MS	2026-05-13	2026-05-15	ACN	P 8270
490525	Naphthalene	GC-MS	2026-05-13	2026-05-15	ACN	P 8270
490525	Phenanthrene	GC-MS	2026-05-13	2026-05-15	ACN	P 8270
490525	Pyrene	GC-MS	2026-05-13	2026-05-15	ACN	P 8270
490526	Tetrachloroethane, 1,1,1,2-	GC-MS	2026-05-14	2026-05-14	AtJ	V 8260B
490526	Trichloroethane, 1,1,1-	GC-MS	2026-05-14	2026-05-14	AtJ	V 8260B
490526	Tetrachloroethane, 1,1,2,2-	GC-MS	2026-05-14	2026-05-14	AtJ	V 8260B
490526	Trichloroethane, 1,1,2-	GC-MS	2026-05-14	2026-05-14	AtJ	V 8260B
490526	Dichloroethane, 1,1-	GC-MS	2026-05-14	2026-05-14	AtJ	V 8260B
490526	Dichloroethylene, 1,1-	GC-MS	2026-05-14	2026-05-14	AtJ	V 8260B
490526	Dichlorobenzene, 1,2-	GC-MS	2026-05-14	2026-05-14	AtJ	V 8260B
490526	Dichloroethane, 1,2-	GC-MS	2026-05-14	2026-05-14	AtJ	V 8260B
490526	Dichloropropane, 1,2-	GC-MS	2026-05-14	2026-05-14	AtJ	V 8260B
490526	Dichlorobenzene, 1,3-	GC-MS	2026-05-14	2026-05-14	AtJ	V 8260B
490526	Dichlorobenzene, 1,4-	GC-MS	2026-05-14	2026-05-14	AtJ	V 8260B
490526	Acetone	GC-MS	2026-05-14	2026-05-14	AtJ	V 8260B
490526	Benzene	GC-MS	2026-05-14	2026-05-14	AtJ	V 8260B
490526	Bromodichloromethane	GC-MS	2026-05-14	2026-05-14	AtJ	V 8260B

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Project: 260415
COC #: 237603

Test Summary

Batch No	Analyte	Instrument	Prep aration Date	Analysis Date	Analyst	Method
490526	Bromoform	GC-MS	2026-05-14	2026-05-14	AtJ	V 8260B
490526	Bromomethane	GC-MS	2026-05-14	2026-05-14	AtJ	V 8260B
490526	Dichloroethylene, 1,2-cis-	GC-MS	2026-05-14	2026-05-14	AtJ	V 8260B
490526	Dichloropropene,1,3-cis-	GC-MS	2026-05-14	2026-05-14	AtJ	V 8260B
490526	Carbon Tetrachloride	GC-MS	2026-05-14	2026-05-14	AtJ	V 8260B
490526	Chloroform	GC-MS	2026-05-14	2026-05-14	AtJ	V 8260B
490526	Dibromochloromethane	GC-MS	2026-05-14	2026-05-14	AtJ	V 8260B
490526	Dichlorodifluoromethane	GC-MS	2026-05-14	2026-05-14	AtJ	V 8260B
490526	Methylene Chloride	GC-MS	2026-05-14	2026-05-14	AtJ	V 8260B
490526	Ethylbenzene	GC-MS	2026-05-14	2026-05-14	AtJ	V 8260B
490526	Ethylene dibromide	GC-MS	2026-05-14	2026-05-14	AtJ	V 8260B
490526	Hexane (n)	GC-MS	2026-05-14	2026-05-14	AtJ	V 8260B
490526	Xylene, m/p-	GC-MS	2026-05-14	2026-05-14	AtJ	V 8260B
490526	Methyl Ethyl Ketone	GC-MS	2026-05-14	2026-05-14	AtJ	V 8260B
490526	Methyl Isobutyl Ketone	GC-MS	2026-05-14	2026-05-14	AtJ	V 8260B
490526	Methyl tert-Butyl Ether (MTBE)	GC-MS	2026-05-14	2026-05-14	AtJ	V 8260B
490526	Chlorobenzene	GC-MS	2026-05-14	2026-05-14	AtJ	V 8260B
490526	Xylene, o-	GC-MS	2026-05-14	2026-05-14	AtJ	V 8260B
490526	Styrene	GC-MS	2026-05-14	2026-05-14	AtJ	V 8260B
490526	Dichloroethylene, 1,2-trans-	GC-MS	2026-05-14	2026-05-14	AtJ	V 8260B
490526	Dichloropropene,1,3-trans-	GC-MS	2026-05-14	2026-05-14	AtJ	V 8260B
490526	Tetrachloroethylene	GC-MS	2026-05-14	2026-05-14	AtJ	V 8260B
490526	Toluene	GC-MS	2026-05-14	2026-05-14	AtJ	V 8260B
490526	Trichloroethylene	GC-MS	2026-05-14	2026-05-14	AtJ	V 8260B
490526	Trichlorofluoromethane	GC-MS	2026-05-14	2026-05-14	AtJ	V 8260B
490526	Vinyl Chloride	GC-MS	2026-05-14	2026-05-14	AtJ	V 8260B
490527	1+2-methylnaphthalene	GC-MS	2026-05-15	2026-05-15	ACN	P 8270
490529	Xylene Mixture	GC-MS	2026-05-15	2026-05-15	AtJ	V 8260B
490531	Dichloropropene,1,3-	GC-MS	2026-05-15	2026-05-15	AtJ	V 8260B
490538	Moisture-Humidite	Oven	2026-05-13	2026-05-15	PJ	ASTM 2216
490553	pH - CaCl2	pH Meter	2026-05-17	2026-05-17	IP	AG Soil
490560	1+2-methylnaphthalene	GC-MS	2026-05-19	2026-05-19	C_M	P 8270
490575	Boron (Hot Water Soluble)	iCAP OES	2026-05-19	2026-05-19	IP	E3470/E3537/Gupta 67

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Certificate of Analysis

Client: Blumetric Environmental Inc.- Ottawa
1682 Woodward Drive
Carp, ON
K2C 3R8
Attention: Mr. Rob Hillier
PO#:
Invoice to: BluMetric Environmental Inc.

Report Number: 3023701
Date Submitted: 2026-05-12
Date Reported: 2026-05-20
Project: 260415
COC #: 237603

Test Summary

Batch No	Analyte	Instrument	Prep aration Date	Analysis Date	Analyst	Method
490576	Electrical Conductivity	Electrical Conductivity Mete	2026-05-19	2026-05-19	IP	Cond-Soil
490581	Cyanide (CN-)	Skalar CN Analyzer	2026-05-19	2026-05-19	IP	MOECC E3015
490582	Sodium Adsorption Ratio	iCAP OES	2026-05-19	2026-05-19	IP	Ag Soil
490625	Chromium VI	Ion Chromatography	2026-05-20	2026-05-20	IP	SM3500-CR C,EPA 3060
490642	Silver	ICAPQ-MS	2026-05-20	2026-05-20	Z_S	EPA 200.8/6020
490642	Arsenic	ICAPQ-MS	2026-05-20	2026-05-20	Z_S	EPA 200.8/6020
490642	Boron (total)	ICAPQ-MS	2026-05-20	2026-05-20	Z_S	EPA 200.8/6020
490642	Barium	ICAPQ-MS	2026-05-20	2026-05-20	Z_S	EPA 200.8/6020
490642	Beryllium	ICAPQ-MS	2026-05-20	2026-05-20	Z_S	EPA 200.8/6020
490642	Cadmium	ICAPQ-MS	2026-05-20	2026-05-20	Z_S	EPA 200.8/6020
490642	Cobalt	ICAPQ-MS	2026-05-20	2026-05-20	Z_S	EPA 200.8/6020
490642	Chromium Total	ICAPQ-MS	2026-05-20	2026-05-20	Z_S	EPA 200.8/6020
490642	Copper	ICAPQ-MS	2026-05-20	2026-05-20	Z_S	EPA 200.8/6020
490642	Mercury	ICAPQ-MS	2026-05-20	2026-05-20	Z_S	EPA 200.8/6020
490642	Molybdenum	ICAPQ-MS	2026-05-20	2026-05-20	Z_S	EPA 200.8/6020
490642	Nickel	ICAPQ-MS	2026-05-20	2026-05-20	Z_S	EPA 200.8/6020
490642	Lead	ICAPQ-MS	2026-05-20	2026-05-20	Z_S	EPA 200.8/6020
490642	Antimony	ICAPQ-MS	2026-05-20	2026-05-20	Z_S	EPA 200.8/6020
490642	Selenium	ICAPQ-MS	2026-05-20	2026-05-20	Z_S	EPA 200.8/6020
490642	Thallium	ICAPQ-MS	2026-05-20	2026-05-20	Z_S	EPA 200.8/6020
490642	Uranium	ICAPQ-MS	2026-05-20	2026-05-20	Z_S	EPA 200.8/6020
490642	Vanadium	ICAPQ-MS	2026-05-20	2026-05-20	Z_S	EPA 200.8/6020
490642	Zinc	ICAPQ-MS	2026-05-20	2026-05-20	Z_S	EPA 200.8/6020

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Date Submitted: 2026-05-12
Date Reported: 2026-05-20
Project: 260415
COC #: 237603

CWS for Petroleum Hydrocarbons in Soil - Tier 1

Notes:

1. The laboratory method complies with CCME Tier 1 reference method for PHC in soil. It is validated for laboratory use.
2. Where the F1 fraction (C6 to C10) and BTEX are both measured, F1-BTEX is reported.
3. Where the F2 fraction (C10 to C16) and naphthalene are both measured, F2-naphthalene is reported.
4. Where the F3 fraction (C16 to C34) and PAHs* are both measured, F3-PAH is reported.
5. F4G is analyzed if the chromatogram does not descend to baseline before C50. Where F4 (C34 to C50) and F4G are both reported, the higher result is compared to the standard.
6. Unless otherwise stated in the sample comments, the following criteria have been met where applicable:

   - nC6 and nC10 response factors within 30% of response factor for toluene;
   - nC10, nC16, and nC34 response factors within 10% of each other;
   - C50 response factors within 70% of nC10 + nC16 + nC34 average; and,
   - Linearity is within 15%.

7. Unless otherwise stated in the sample comments, sampling requirements and analytical holding times have been met.
8. Gravimetric heavy hydrocarbons (F4G) cannot be added to the C6 and C50 hydrocarbons.
9. *PAHs = phenanthrene, benzo(a)anthracene, benzo(b)fluoranthene, benzo(k)fluoranthene, benzo(a)pyrene, fluoranthene, dibenz(a,h)anthracene, indeno(1,2,3-c,d)pyrene and pyrene.

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eurofins 237603

STANDARD CHAIN-OF-CUSTODY

146 Colonnade Road, Unit #8, Ottawa, ON, K2E 7Y1 - Phone: 613-727-5692, Fax: 613-727-5222

CLIENT INFORMATION

Company: Blumetric
Contact: Jeremie Berube
Address: 1682 Woodward Drive
Telephone: Cell: 613 796 1894
Email: #1: jberube@blumetric.ca
Email: #2: rhillier@blumetric.ca
Project: 760415 Quote #:

INVOICE INFORMATION (SAME AS CLIENT INFORMATION: YES ☑ NO ☐)

Company:
Contact: Email: #1:
Address: Email: #2:
Telephone: PO #:

TURN-AROUND TIME (Business Days)

☐ 1 Day* (100%) ☐ 2 Day** (50%) ☐ 3-5 Days (25%) ☑ 5-7 Days (Standard)

Please contact Lab in advance to determine rush availability. *For results reported after rush due date, surcharges will apply: before 12:00 - 100%, after 12:00 - 50%. **For results reported after rush due date, surcharges will apply: before 12:00 - 50%, after 12:00 - 25%.

TCLP, SPLP, PFAS, and NP/NPE the rush surcharges are 100% (3 day) and 50% (4 day). For farm soils the rush surcharge is 100% (3-5 days). Regular TAT is 10 days.

REGULATION/GUIDELINE REQUIRED

☐ Sanitary Sewer, City:
☐ Storm Sewer, City:
☐ ODWSOG (Use DW COC if samples are for human consumption)
☐ PWQO
☐ O.Reg. 347 (TCLP)
☐ Other:

☐ O. Reg. 153/04
The sample results from this submission will form part of a formal Record of Site Condition (RSC) under O.Reg. 153/04. Analysis of full parameter list only Yes ☐ No ☐
Table # ____, Coarse / Fine, Surface / subsurface
Type: Com-Ind / Res-Park / Agri / GW / All Other / Sediment

☐ O. Reg 406 Excess Soils
Table # _____ Full depth/Strat/Ceiling/mSPLP Leachate
Type: Com-Ind /Res-Park /Agri/All Other
Category: Surface /Subsurface

The optimal temperature conditions during transport is 4 - 10°C. Sample(s) cannot be frozen, unless otherwise indicated or agreed upon with the Laboratory. This COC must not be used for drinking water samples. The COC must be complete upon submission of the samples, there will be a $25 surcharge if required information is missing (required fields are shaded in grey).

Occasionally, situations arise in which Eurofins Environment Testing Canada (Ottawa) is unable to process a sample after receipt. By signing this chain-of-custody form, the client agrees that Eurofins Environment Testing Canada (Ottawa) may subcontract samples to a laboratory that is similarly accredited. This subcontracted laboratory will perform the same analysis using the same or similar methodology. Agreements made in advance to subcontract to a specific laboratory will be honored.

Sample Details

Sample ID	Date/Time Collected	Sample Matrix	# of Containers	O.Reg.153/04 parameters: PHC F1 - F4	BTEX	VOCs	PAHs	PCBs	Metals + Inorganics	Metals only	RN# (Lab Use Only)
SS1	12may26 / 12:44	Soil	4			✓	✓		✓		1798363
SS2	12 may 26 / 12:34					✓	✓		✓		64
SS3	12may26 / 12:58					✓	✓		✓		65
SS4	12may26 / 11:36					✓	✓		✓		66
SS5	12may26 / 11:54					✓	✓		✓		67
SS6	12may26 / 17:15					✓	✓		✓		68
QAQC	12may26					✓	✓		✓		69

	PRINT NAME	LOCATION	SIGN	DATE/TIME	TEMP (°C)
Sampled By:	J Berube			12may26 / 15:30	
Relinquished By:					
Received By:					
Received By:	Shirley Yu	OTT		5/12/26 315	20

COMMENTS:

3023701
FOR INTERNAL LAB USE ONLY

CUSTODY SEAL: ☐ YES ☐ NO Ice packs submit ☐ Yes ☐ No

Certificate of Analysis

Client: Blumetric Environmental Inc.- Ottawa
1682 Woodward Drive
Carp, ON
K2C 3R8
Attention: Mr. Rob Hillier
PO#:
Invoice to: BluMetric Environmental Inc.

Report Number: 3023703
Date Submitted: 2026-05-12
Date Reported: 2026-05-20
Project: 260415
COC #: 237602

Dear Rob Hillier:

Please find attached the analytical results for your samples. If you have any questions regarding this report, please do not hesitate to call (613-727-5692).

Report Comments:

Emma-Dawn Ferguson
2026.05.20 14:29:44 -04'00'

APPROVAL: _____
Emma-Dawn Ferguson, Chemist

All analysis is completed at Eurofins Environment Testing Canada Inc. (Ottawa, Ontario) unless otherwise indicated.

Eurofins Environment Testing Canada Inc. (Ottawa, Ontario) is accredited by CALA, Canadian Association for Laboratory Accreditation to ISO/IEC 17025 for tests which appear on the scope of accreditation. The scope is available at: https://directory.cala.ca/.

Eurofins Environment Testing Canada Inc. (Ottawa, Ontario) is licensed by the Ontario Ministry of the Environment, Conservation, and Parks (MECP) for specific tests in drinking water (license #2318). A copy of the license is available upon request.

Eurofins Environment Testing Canada Inc. (Ottawa, Ontario) is accredited by the Ontario Ministry of Agriculture, Food, and Rural Affairs for specific tests in agricultural soils.

Please note: Field data, where presented on the report, has been provided by the client and is presented for informational purposes only. Guideline values listed on this report are provided for ease of use (informational purposes) only. Eurofins recommends consulting the official provincial or federal guideline as required. Unless otherwise stated, measurement uncertainty is not taken into account when determining guideline or regulatory exceedances.

Certificate of Analysis

eurofins | Environment Testing

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Attention: Mr. Rob Hillier
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Report Number: 3023703
Date Submitted: 2026-05-12
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Project: 260415
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				Lab I.D.	1798371
				Sample Matrix	GW
				Sample Type	
				Sampling Date	2026-05-12
				Sample I.D.	FY24-1
Group	**Analyte**	**MRL**	**Units**	**Guideline**	
Anions	F	0.10	mg/L		0.22
Metals	Ag	0.0001	mg/L		<0.0001
	Al	0.01	mg/L		<0.01
	As	0.001	mg/L		<0.001
	B	0.01	mg/L		<0.01
	Ba	0.01	mg/L		0.05
	Be	0.0005	mg/L		<0.0005
	Cd	0.0001	mg/L		<0.0001
	Co	0.0002	mg/L		<0.0002
	Cr	0.001	mg/L		<0.001
	Cu	0.001	mg/L		<0.001
	Li	0.001	mg/L		0.002
	Mg	1	mg/L		11
	Mo	0.005	mg/L		<0.005
	Na	1	mg/L		9
	Ni	0.005	mg/L		<0.005
	Pb	0.001	mg/L		<0.001
	Sb	0.0005	mg/L		<0.0005
	Se	0.001	mg/L		<0.001
	Tl	0.0001	mg/L		<0.0001
	U	0.001	mg/L		<0.001
	V	0.001	mg/L		0.006
	Zn	0.01	mg/L		<0.01
Nutrients	Total P	0.020	mg/L		0.102
PAH	1+2-methylnaphthalene	0.1	ug/L		<0.5

Guideline = *** = Guideline Exceedence**

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Date Submitted: 2026-05-12
Date Reported: 2026-05-20
Project: 260415
COC #: 237602

Group	Analyte	MRL	Units	Guideline	Lab I.D. Sample Matrix Sample Type Sampling Date Sample I.D. 1798371 GW 2026-05-12 FY24-1
PAH	1-methylnaphthalene	0.5	ug/L		<0.5
	2-methylnaphthalene	0.5	ug/L		<0.5
	Acenaphthene	0.5	ug/L		<0.5
	Acenaphthylene	0.5	ug/L		<0.5
	Anthracene	0.5	ug/L		<0.5
	Benzo(a)anthracene	0.5	ug/L		<0.5
	Benzo(a)pyrene	0.05	ug/L		<0.05
	Benzo(b)fluoranthene	0.2	ug/L		<0.2
	Benzo(g,h,i)perylene	0.5	ug/L		<0.5
	Benzo(k)fluoranthene	0.2	ug/L		<0.2
	Chrysene	0.2	ug/L		<0.2
	Dibenzo(a,h)anthracene	0.5	ug/L		<0.5
	Fluoranthene	0.5	ug/L		<0.5
	Fluorene	0.5	ug/L		<0.5
	Indeno(1,2,3-c,d)pyrene	0.5	ug/L		<0.5
	Naphthalene	0.5	ug/L		<0.5
	Phenanthrene	0.5	ug/L		<0.5
	Pyrene	0.5	ug/L		<0.5
VOCs Surrogates	1,2-dichloroethane-d4	0	%		110
	4-bromofluorobenzene	0	%		61
	Toluene-d8	0	%		90
Volatiles	1,1,1,2-tetrachloroethane	0.5	ug/L		<0.5
	1,1,1-trichloroethane	0.4	ug/L		<0.4
	1,1,2,2-tetrachloroethane	0.5	ug/L		<0.5
	1,1,2-trichloroethane	0.4	ug/L		<0.4

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Group	Analyte	MRL	Units	Guideline	Lab I.D. Sample Matrix Sample Type Sampling Date Sample I.D. 1798371 GW 2026-05-12 FY24-1
Volatiles	1,1-dichloroethane	0.4	ug/L		<0.4
	1,1-dichloroethylene	0.5	ug/L		<0.5
	1,2-dichlorobenzene	0.4	ug/L		<0.4
	1,2-dichloroethane	0.5	ug/L		<0.5
	1,2-dichloropropane	0.5	ug/L		<0.5
	1,3-dichlorobenzene	0.4	ug/L		<0.4
	1,3-Dichloropropylene (cis+trans)	0.5	ug/L		<0.5
	1,4-dichlorobenzene	0.4	ug/L		<0.4
	Acetone	5	ug/L		<5
	Benzene	0.5	ug/L		<0.5
	Bromodichloromethane	0.3	ug/L		<0.3
	Bromoform	0.4	ug/L		<0.4
	Bromomethane	0.5	ug/L		<0.5
	c-1,2-Dichloroethylene	0.4	ug/L		<0.4
	c-1,3-Dichloropropylene	0.5	ug/L		<0.5
	Carbon Tetrachloride	0.2	ug/L		<0.2
	Chloroform	0.5	ug/L		<0.5
	Dibromochloromethane	0.3	ug/L		<0.3
	Dichlorodifluoromethane	0.5	ug/L		<0.5
	Dichloromethane	4.0	ug/L		<4.0
	Ethylbenzene	0.5	ug/L		<0.5
	Ethylene Dibromide	0.2	ug/L		<0.2
	Hexane	5	ug/L		<5
	m/p-xylene	0.4	ug/L		<0.4
	Methyl Ethyl Ketone (MEK)	2	ug/L		<2

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Date Submitted: 2026-05-12
Date Reported: 2026-05-20
Project: 260415
COC #: 237602

Group	Analyte	MRL	Units	Guideline	Lab I.D. Sample Matrix Sample Type Sampling Date Sample I.D. 1798371 GW 2026-05-12 FY24-1
Volatiles	Methyl Isobutyl Ketone (MIBK)	5	ug/L		<5
	Methyl Tert Butyl Ether (MTBE)	2	ug/L		<2
	Monochlorobenzene	0.5	ug/L		<0.5
	o-xylene	0.4	ug/L		<0.4
	Styrene	0.5	ug/L		<0.5
	t-1,2-Dichloroethylene	0.4	ug/L		<0.4
	t-1,3-Dichloropropylene	0.5	ug/L		<0.5
	Tetrachloroethylene	0.3	ug/L		<0.3
	Toluene	0.4	ug/L		<0.4
	Trichloroethylene	0.3	ug/L		<0.3
	Trichlorofluoromethane	0.5	ug/L		<0.5
	Vinyl Chloride	0.2	ug/L		<0.2
	Xylene; total	0.5	ug/L		<0.5

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QC Summary

Analyte	Blank	QC % Rec	QC Limits
Run No 490493 **Analysis/Extraction Date** 2026-05-14 **Analyst** SKH **Method** EPA 365.1			
Total P	<0.020 mg/L	95	80-120
Run No 490515 **Analysis/Extraction Date** 2026-05-14 **Analyst** MiV **Method** SM2320,2510,4500H/F			
F	<0.10 mg/L	99	90-110
Run No 490572 **Analysis/Extraction Date** 2026-05-19 **Analyst** Z S **Method** M SM3120B-3500C			
Magnesium	<1 mg/L	93	76-124
Sodium	<1 mg/L	100	82-118
Run No 490607 **Analysis/Extraction Date** 2026-05-15 **Analyst** Mal **Method** P 8270			
Methlynaphthalene, 1-	<0.5 ug/L	83	50-140
Methlynaphthalene, 2-	<0.5 ug/L	83	50-140
Acenaphthene	<0.5 ug/L	84	50-140
Acenaphthylene	<0.5 ug/L	84	50-140
Anthracene	<0.5 ug/L	84	50-140
Benz[a]anthracene	<0.5 ug/L	73	50-140
Benzo[a]pyrene	<0.05 ug/L	51	50-140

Guideline = *** = Guideline Exceedence**

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Client: Blumetric Environmental Inc.- Ottawa
1682 Woodward Drive
Carp, ON
K2C 3R8
Attention: Mr. Rob Hillier
PO#:
Invoice to: BluMetric Environmental Inc.

Report Number: 3023703
Date Submitted: 2026-05-12
Date Reported: 2026-05-20
Project: 260415
COC #: 237602

QC Summary

Analyte	Blank	QC % Rec	QC Limits
Benzo[b]fluoranthene	<0.2 ug/L	54	50-140
Benzo[ghi]perylene	<0.5 ug/L	35	50-140
Benzo[k]fluoranthene	<0.2 ug/L	54	50-140
Chrysene	<0.2 ug/L	68	50-140
Dibenz[a h]anthracene	<0.5 ug/L	32	50-140
Fluoranthene	<0.5 ug/L	86	50-140
Fluorene	<0.5 ug/L	83	50-140
Indeno[1 2 3-cd]pyrene	<0.5 ug/L	34	50-140
Naphthalene	<0.5 ug/L	81	50-140
Phenanthrene	<0.5 ug/L	85	50-140
Pyrene	<0.5 ug/L	86	50-140
Run No 490608 **Analysis/Extraction Date** 2026-05-20 **Analyst** Mal **Method** P 8270			
1+2-methylnaphthalene			
Run No 490617 **Analysis/Extraction Date** 2026-05-20 **Analyst** Z S **Method** EPA 200.8			
Silver	<0.0001 mg/L	107	80-120
Aluminum	<0.01 mg/L	114	80-120

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Certificate of Analysis

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QC Summary

Analyte	Blank	QC % Rec	QC Limits
Arsenic	<0.001 mg/L	99	80-120
Boron (total)	<0.01 mg/L	100	80-120
Barium	<0.01 mg/L	101	80-120
Beryllium	<0.0005 mg/L	107	80-120
Cadmium	<0.0001 mg/L	112	80-120
Cobalt	<0.0002 mg/L	115	80-120
Chromium Total	<0.001 mg/L	117	80-120
Copper	<0.001 mg/L	116	80-120
Li	<0.001 mg/L	98	80-120
Molybdenum	<0.005 mg/L	104	80-120
Nickel	<0.005 mg/L	113	80-120
Lead	<0.001 mg/L	104	80-120
Antimony	<0.0005 mg/L	85	80-120
Selenium	<0.001 mg/L	100	80-120
Thallium	<0.0001 mg/L	110	80-120
Uranium	<0.001 mg/L	103	80-120
Vanadium	<0.001 mg/L	112	80-120
Zinc	<0.01 mg/L	102	80-120

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QC Summary

Analyte	Blank	QC % Rec	QC Limits
Run No 490618 **Analysis/Extraction Date** 2026-05-19 **Analyst** AtJ **Method** EPA 8260			
Tetrachloroethane, 1,1,1,2-	<0.5 ug/L	106	60-130
Trichloroethane, 1,1,1-	<0.4 ug/L	90	60-130
Tetrachloroethane, 1,1,2,2-	<0.5 ug/L	98	60-130
Trichloroethane, 1,1,2-	<0.4 ug/L	96	60-130
Dichloroethane, 1,1-	<0.4 ug/L	93	60-130
Dichloroethylene, 1,1-	<0.5 ug/L	85	60-130
Dichlorobenzene, 1,2-	<0.4 ug/L	98	60-130
Dichloroethane, 1,2-	<0.5 ug/L	104	60-130
Dichloropropane, 1,2-	<0.5 ug/L	85	60-130
Dichlorobenzene, 1,3-	<0.4 ug/L	86	60-130
Dichlorobenzene, 1,4-	<0.4 ug/L	94	60-130
Acetone	<5 ug/L	90	50-140
Benzene	<0.5 ug/L	95	60-130
Bromodichloromethane	<0.3 ug/L	88	60-130
Bromoform	<0.4 ug/L	77	60-130
Bromomethane	<0.5 ug/L	97	60-130

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Project: 260415
COC #: 237602

QC Summary

Analyte	Blank	QC % Rec	QC Limits
Dichloroethylene, 1,2-cis-	<0.4 ug/L	81	60-130
Dichloropropene,1,3-cis-	<0.5 ug/L	69	60-130
Carbon Tetrachloride	<0.2 ug/L	94	60-130
Chloroform	<0.5 ug/L	98	60-130
Dibromochloromethane	<0.3 ug/L	82	60-130
Dichlorodifluoromethane	<0.5 ug/L	100	60-130
Methylene Chloride	<4.0 ug/L	93	60-130
Ethylbenzene	<0.5 ug/L	80	60-130
Ethylene dibromide	<0.2 ug/L	78	60-130
Hexane (n)	<5 ug/L	85	60-130
m/p-xylene	<0.4 ug/L	88	60-130
Methyl Ethyl Ketone	<2 ug/L	71	50-140
Methyl Isobutyl Ketone	<5 ug/L	66	50-140
Methyl tert-Butyl Ether (MTBE)	<2 ug/L	71	50-140
Chlorobenzene	<0.5 ug/L	94	60-130
o-xylene	<0.4 ug/L	96	60-130
Styrene	<0.5 ug/L	103	60-130
Dichloroethylene, 1,2-trans-	<0.4 ug/L	89	60-130

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Project: 260415
COC #: 237602

QC Summary

Analyte	Blank	QC % Rec	QC Limits
Dichloropropene,1,3-trans-	<0.5 ug/L	73	60-130
Tetrachloroethylene	<0.3 ug/L	91	60-130
Toluene	<0.4 ug/L	101	60-130
Trichloroethylene	<0.3 ug/L	75	60-130
Trichlorofluoromethane	<0.5 ug/L	92	60-130
Vinyl Chloride	<0.2 ug/L	94	60-130
Run No 490620 **Analysis/Extraction Date** 2026-05-20 **Analyst** AtJ **Method** EPA 8260			
Xylene Mixture			
Run No 490622 **Analysis/Extraction Date** 2026-05-20 **Analyst** AtJ **Method** EPA 8260			
Dichloropropene,1,3-			

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Report Number: 3023703
Date Submitted: 2026-05-12
Date Reported: 2026-05-20
Project: 260415
COC #: 237602

Sample Comment Summary

Sample ID: 1798371 FY24-1 QC sample recoveries outside acceptance limits for dibenzo(a,h)anthracene, indeno(1,2,3-c,d)pyrene, and benzo(g,h,i)perylene. PAH MRLs increased due to matrix interferenc

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Invoice to: BluMetric Environmental Inc.

Report Number: 3023705
Date Submitted: 2026-05-12
Date Reported: 2026-05-20
Project: 260415
COC #: 237601

Dear Rob Hillier:

Please find attached the analytical results for your samples. If you have any questions regarding this report, please do not hesitate to call (613-727-5692).

Report Comments:

APPROVAL: Addrine Thomas 2026.05.20 16:17:43 -04'00'

Addrine Thomas, Inorganics Supervisor

All analysis is completed at Eurofins Environment Testing Canada Inc. (Ottawa, Ontario) unless otherwise indicated.

Eurofins Environment Testing Canada Inc. (Ottawa, Ontario) is accredited by CALA, Canadian Association for Laboratory Accreditation to ISO/IEC 17025 for tests which appear on the scope of accreditation. The scope is available at: https://directory.cala.ca/.

Eurofins Environment Testing Canada Inc. (Ottawa, Ontario) is licensed by the Ontario Ministry of the Environment, Conservation, and Parks (MECP) for specific tests in drinking water (license #2318). A copy of the license is available upon request.

Eurofins Environment Testing Canada Inc. (Ottawa, Ontario) is accredited by the Ontario Ministry of Agriculture, Food, and Rural Affairs for specific tests in agricultural soils.

Please note: Field data, where presented on the report, has been provided by the client and is presented for informational purposes only. Guideline values listed on this report are provided for ease of use (informational purposes) only. Eurofins recommends consulting the official provincial or federal guideline as required. Unless otherwise stated, measurement uncertainty is not taken into account when determining guideline or regulatory exceedances.

Certificate of Analysis

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Client: Blumetric Environmental Inc.- Ottawa
1682 Woodward Drive
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Attention: Mr. Rob Hillier
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Report Number: 3023705
Date Submitted: 2026-05-12
Date Reported: 2026-05-20
Project: 260415
COC #: 237601

Group	Analyte	MRL	Units	Guideline	Lab I.D. Sample Matrix Sample Type Sampling Date Sample I.D.	1798381 SURF W 2026-05-12 SW1	1798382 SURF W 2026-05-12 SW2	1798383 SURF W 2026-05-12 SW3	1798384 SURF W 2026-05-12 SW QAQC
Anions	F	0.10	mg/L			0.10	0.11	0.11	0.11
Metals	Ag	0.0001	mg/L			<0.0001	<0.0001	<0.0001	<0.0001
	Al (dissolved)	0.01	mg/L			0.05	0.59	0.35	0.72
	As	0.001	mg/L			<0.001	<0.001	<0.001	<0.001
	B	0.01	mg/L			<0.01	<0.01	<0.01	<0.01
	Ba	0.01	mg/L			<0.01	0.03	0.02	0.02
	Be	0.0005	mg/L			<0.0005	<0.0005	<0.0005	<0.0005
	Cd	0.0001	mg/L			<0.0001	<0.0001	<0.0001	<0.0001
	Co	0.0002	mg/L			<0.0002	0.0004	0.0002	0.0005
	Cr	0.001	mg/L			<0.001	0.002	0.001	0.002
	Cu	0.001	mg/L			<0.001	0.002	0.001	0.002
	Li	0.001	mg/L			<0.001	<0.001	<0.001	<0.001
	Mg	1	mg/L			3	5	5	5
	Mo	0.005	mg/L			<0.005	<0.005	<0.005	<0.005
	Na	1	mg/L			3	4	8	4
	Ni	0.005	mg/L			<0.005	<0.005	<0.005	<0.005
	P	0.002	mg/L			0.010	0.036	0.032	0.045
	Pb	0.001	mg/L			<0.001	<0.001	<0.001	<0.001
	Sb	0.0005	mg/L			<0.0005	<0.0005	<0.0005	<0.0005
	Se	0.001	mg/L			<0.001	<0.001	<0.001	<0.001
	Tl	0.0001	mg/L			<0.0001	<0.0001	<0.0001	<0.0001
	U	0.001	mg/L			<0.001	<0.001	<0.001	<0.001
	V	0.001	mg/L			<0.001	0.003	0.002	0.003
	Zn	0.01	mg/L			<0.01	<0.01	<0.01	<0.01
PAH	1+2-methylnaphthalene	0.1	ug/L			<0.1	<0.1	<0.1	<0.1

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Group	Analyte	MRL	Units	Guideline	Lab I.D. Sample Matrix Sample Type Sampling Date Sample I.D.	1798381 SURF W 2026-05-12 SW1	1798382 SURF W 2026-05-12 SW2	1798383 SURF W 2026-05-12 SW3	1798384 SURF W 2026-05-12 SW QAQC
PAH	1-methylnaphthalene	0.1	ug/L			<0.1	<0.1	<0.1	<0.1
	2-methylnaphthalene	0.1	ug/L			<0.1	<0.1	<0.1	<0.1
	Acenaphthene	0.1	ug/L			<0.1	<0.1	<0.1	<0.1
	Acenaphthylene	0.1	ug/L			<0.1	<0.1	<0.1	<0.1
	Anthracene	0.1	ug/L			<0.1	<0.1	<0.1	<0.1
	Benzo(a)anthracene	0.1	ug/L			<0.1	<0.1	<0.1	<0.1
	Benzo(a)pyrene	0.01	ug/L			<0.01	<0.01	<0.01	<0.01
	Benzo(b)fluoranthene	0.05	ug/L			<0.05	<0.05	<0.05	<0.05
	Benzo(g,h,i)perylene	0.1	ug/L			<0.1	<0.1	<0.1	<0.1
	Benzo(k)fluoranthene	0.05	ug/L			<0.05	<0.05	<0.05	<0.05
	Chrysene	0.05	ug/L			<0.05	<0.05	<0.05	<0.05
	Dibenzo(a,h)anthracene	0.1	ug/L			<0.1	<0.1	<0.1	<0.1
	Fluoranthene	0.1	ug/L			<0.1	<0.1	<0.1	<0.1
	Fluorene	0.1	ug/L			<0.1	<0.1	<0.1	<0.1
	Indeno(1,2,3-c,d)pyrene	0.1	ug/L			<0.1	<0.1	<0.1	<0.1
	Naphthalene	0.1	ug/L			<0.1	0.2	<0.1	<0.1
	Phenanthrene	0.1	ug/L			<0.1	<0.1	<0.1	<0.1
	Pyrene	0.1	ug/L			<0.1	<0.1	<0.1	<0.1
VOCs Surrogates	1,2-dichloroethane-d4	0	%			127	123	120	125
	4-bromofluorobenzene	0	%			62	61	60	61
	Toluene-d8	0	%			86	84	86	86
Volatiles	1,1,1,2-tetrachloroethane	0.5	ug/L			<0.5	<0.5	<0.5	<0.5
	1,1,1-trichloroethane	0.4	ug/L			<0.4	<0.4	<0.4	<0.4
	1,1,2,2-tetrachloroethane	0.5	ug/L			<0.5	<0.5	<0.5	<0.5
	1,1,2-trichloroethane	0.4	ug/L			<0.4	<0.4	<0.4	<0.4

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Report Number: 3023705
Date Submitted: 2026-05-12
Date Reported: 2026-05-20
Project: 260415
COC #: 237601

Group	Analyte	MRL	Units	Guideline	Lab I.D. Sample Matrix Sample Type Sampling Date Sample I.D.	1798381 SURF W 2026-05-12 SW1	1798382 SURF W 2026-05-12 SW2	1798383 SURF W 2026-05-12 SW3	1798384 SURF W 2026-05-12 SW QAQC
Volatiles	1,1-dichloroethane	0.4	ug/L			<0.4	<0.4	<0.4	<0.4
	1,1-dichloroethylene	0.5	ug/L			<0.5	<0.5	<0.5	<0.5
	1,2-dichlorobenzene	0.4	ug/L			<0.4	<0.4	<0.4	<0.4
	1,2-dichloroethane	0.5	ug/L			<0.5	<0.5	<0.5	<0.5
	1,2-dichloropropane	0.5	ug/L			<0.5	<0.5	<0.5	<0.5
	1,3-dichlorobenzene	0.4	ug/L			<0.4	<0.4	<0.4	<0.4
	1,3-Dichloropropylene (cis+trans)	0.5	ug/L			<0.5	<0.5	<0.5	<0.5
	1,4-dichlorobenzene	0.4	ug/L			<0.4	<0.4	<0.4	<0.4
	Acetone	5	ug/L			<5	<5	<5	<5
	Benzene	0.5	ug/L			<0.5	<0.5	<0.5	<0.5
	Bromodichloromethane	0.3	ug/L			<0.3	<0.3	<0.3	<0.3
	Bromoform	0.4	ug/L			<0.4	<0.4	<0.4	<0.4
	Bromomethane	0.5	ug/L			<0.5	<0.5	<0.5	<0.5
	c-1,2-Dichloroethylene	0.4	ug/L			<0.4	<0.4	<0.4	<0.4
	c-1,3-Dichloropropylene	0.5	ug/L			<0.5	<0.5	<0.5	<0.5
	Carbon Tetrachloride	0.2	ug/L			<0.2	<0.2	<0.2	<0.2
	Chloroform	0.5	ug/L			<0.5	<0.5	<0.5	<0.5
	Dibromochloromethane	0.3	ug/L			<0.3	<0.3	<0.3	<0.3
	Dichlorodifluoromethane	0.5	ug/L			<0.5	<0.5	<0.5	<0.5
	Dichloromethane	4.0	ug/L			<4.0	<4.0	<4.0	<4.0
	Ethylbenzene	0.5	ug/L			<0.5	<0.5	<0.5	<0.5
	Ethylene Dibromide	0.2	ug/L			<0.2	<0.2	<0.2	<0.2
	Hexane	5	ug/L			<5	<5	<5	<5
	m/p-xylene	0.4	ug/L			<0.4	<0.4	<0.4	<0.4
	Methyl Ethyl Ketone (MEK)	2	ug/L			<2	<2	<2	<2

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Report Number: 3023705
Date Submitted: 2026-05-12
Date Reported: 2026-05-20
Project: 260415
COC #: 237601

Group	Analyte	MRL	Units	Guideline	Lab I.D. Sample Matrix Sample Type Sampling Date Sample I.D.	1798381 SURF W 2026-05-12 SW1	1798382 SURF W 2026-05-12 SW2	1798383 SURF W 2026-05-12 SW3	1798384 SURF W 2026-05-12 SW QAQC
Volatiles	Methyl Isobutyl Ketone (MIBK)	5	ug/L			<5	<5	<5	<5
	Methyl Tert Butyl Ether (MTBE)	2	ug/L			<2	<2	<2	<2
	Monochlorobenzene	0.5	ug/L			<0.5	<0.5	<0.5	<0.5
	o-xylene	0.4	ug/L			<0.4	<0.4	<0.4	<0.4
	Styrene	0.5	ug/L			<0.5	<0.5	<0.5	<0.5
	t-1,2-Dichloroethylene	0.4	ug/L			<0.4	<0.4	<0.4	<0.4
	t-1,3-Dichloropropylene	0.5	ug/L			<0.5	<0.5	<0.5	<0.5
	Tetrachloroethylene	0.3	ug/L			<0.3	<0.3	<0.3	<0.3
	Toluene	0.4	ug/L			<0.4	<0.4	<0.4	<0.4
	Trichloroethylene	0.3	ug/L			<0.3	<0.3	<0.3	<0.3
	Trichlorofluoromethane	0.5	ug/L			<0.5	<0.5	<0.5	<0.5
	Vinyl Chloride	0.2	ug/L			<0.2	<0.2	<0.2	<0.2
	Xylene; total	0.5	ug/L			<0.5	<0.5	<0.5	<0.5

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Certificate of Analysis

Client: Blumetric Environmental Inc.- Ottawa
1682 Woodward Drive
Carp, ON
K2C 3R8
Attention: Mr. Rob Hillier
PO#:
Invoice to: BluMetric Environmental Inc.

Report Number: 3023705
Date Submitted: 2026-05-12
Date Reported: 2026-05-20
Project: 260415
COC #: 237601

QC Summary

Analyte	Blank	QC % Rec	QC Limits
Run No 490515 **Analysis/Extraction Date** 2026-05-14 **Analyst** MiV **Method** SM2320,2510,4500H/F			
F	<0.10 mg/L	99	90-110
Run No 490572 **Analysis/Extraction Date** 2026-05-19 **Analyst** Z S **Method** M SM3120B-3500C			
Magnesium	<1 mg/L	93	76-124
Sodium	<1 mg/L	100	82-118
Run No 490607 **Analysis/Extraction Date** 2026-05-15 **Analyst** Mal **Method** P 8270			
Methlynaphthalene, 1-	<0.1 ug/L	83	50-140
Methlynaphthalene, 2-	<0.1 ug/L	83	50-140
Acenaphthene	<0.1 ug/L	84	50-140
Acenaphthylene	<0.1 ug/L	84	50-140
Anthracene	<0.1 ug/L	84	50-140
Benz[a]anthracene	<0.1 ug/L	73	50-140
Benzo[a]pyrene	<0.01 ug/L	51	50-140
Benzo[b]fluoranthene	<0.05 ug/L	54	50-140
Benzo[ghi]perylene	<0.1 ug/L	35	50-140

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QC Summary

Analyte	Blank	QC % Rec	QC Limits
Benzo[k]fluoranthene	<0.05 ug/L	54	50-140
Chrysene	<0.05 ug/L	68	50-140
Dibenz[a h]anthracene	<0.1 ug/L	32	50-140
Fluoranthene	<0.1 ug/L	86	50-140
Fluorene	<0.1 ug/L	83	50-140
Indeno[1 2 3-cd]pyrene	<0.1 ug/L	34	50-140
Naphthalene	<0.1 ug/L	81	50-140
Phenanthrene	<0.1 ug/L	85	50-140
Pyrene	<0.1 ug/L	86	50-140
Run No 490608 **Analysis/Extraction Date** 2026-05-20 **Analyst** Mal **Method** P 8270			
1+2-methylnaphthalene			
Run No 490617 **Analysis/Extraction Date** 2026-05-20 **Analyst** Z S **Method** EPA 200.8			
Silver	<0.0001 mg/L	107	80-120
Al (dissolved)	<0.01 mg/L	104	80-120
Arsenic	<0.001 mg/L	99	80-120
Boron (total)	<0.01 mg/L	100	80-120

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QC Summary

Analyte	Blank	QC % Rec	QC Limits
Barium	<0.01 mg/L	101	80-120
Beryllium	<0.0005 mg/L	107	80-120
Cadmium	<0.0001 mg/L	112	80-120
Cobalt	<0.0002 mg/L	115	80-120
Chromium Total	<0.001 mg/L	117	80-120
Copper	<0.001 mg/L	116	80-120
Li	<0.001 mg/L	98	80-120
Molybdenum	<0.005 mg/L	104	80-120
Nickel	<0.005 mg/L	113	80-120
P	<0.002 mg/L	102	80-120
Lead	<0.001 mg/L	104	80-120
Antimony	<0.0005 mg/L	85	80-120
Selenium	<0.001 mg/L	100	80-120
Thallium	<0.0001 mg/L	110	80-120
Uranium	<0.001 mg/L	103	80-120
Vanadium	<0.001 mg/L	112	80-120
Zinc	<0.01 mg/L	102	80-120

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QC Summary

Analyte	Blank	QC % Rec	QC Limits
Run No 490618 **Analysis/Extraction Date** 2026-05-19 **Analyst** AtJ **Method** EPA 8260			
Tetrachloroethane, 1,1,1,2-	<0.5 ug/L	106	60-130
Trichloroethane, 1,1,1-	<0.4 ug/L	90	60-130
Tetrachloroethane, 1,1,2,2-	<0.5 ug/L	98	60-130
Trichloroethane, 1,1,2-	<0.4 ug/L	96	60-130
Dichloroethane, 1,1-	<0.4 ug/L	93	60-130
Dichloroethylene, 1,1-	<0.5 ug/L	85	60-130
Dichlorobenzene, 1,2-	<0.4 ug/L	98	60-130
Dichloroethane, 1,2-	<0.5 ug/L	104	60-130
Dichloropropane, 1,2-	<0.5 ug/L	85	60-130
Dichlorobenzene, 1,3-	<0.4 ug/L	86	60-130
Dichlorobenzene, 1,4-	<0.4 ug/L	94	60-130
Acetone	<5 ug/L	90	50-140
Benzene	<0.5 ug/L	95	60-130
Bromodichloromethane	<0.3 ug/L	88	60-130
Bromoform	<0.4 ug/L	77	60-130
Bromomethane	<0.5 ug/L	97	60-130

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QC Summary

Analyte	Blank	QC % Rec	QC Limits
Dichloroethylene, 1,2-cis-	<0.4 ug/L	81	60-130
Dichloropropene,1,3-cis-	<0.5 ug/L	69	60-130
Carbon Tetrachloride	<0.2 ug/L	94	60-130
Chloroform	<0.5 ug/L	98	60-130
Dibromochloromethane	<0.3 ug/L	82	60-130
Dichlorodifluoromethane	<0.5 ug/L	100	60-130
Methylene Chloride	<4.0 ug/L	93	60-130
Ethylbenzene	<0.5 ug/L	80	60-130
Ethylene dibromide	<0.2 ug/L	78	60-130
Hexane (n)	<5 ug/L	85	60-130
m/p-xylene	<0.4 ug/L	88	60-130
Methyl Ethyl Ketone	<2 ug/L	71	50-140
Methyl Isobutyl Ketone	<5 ug/L	66	50-140
Methyl tert-Butyl Ether (MTBE)	<2 ug/L	71	50-140
Chlorobenzene	<0.5 ug/L	94	60-130
o-xylene	<0.4 ug/L	96	60-130
Styrene	<0.5 ug/L	103	60-130
Dichloroethylene, 1,2-trans-	<0.4 ug/L	89	60-130

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Analyte	Blank	QC % Rec	QC Limits
Dichloropropene,1,3-trans-	<0.5 ug/L	73	60-130
Tetrachloroethylene	<0.3 ug/L	91	60-130
Toluene	<0.4 ug/L	101	60-130
Trichloroethylene	<0.3 ug/L	75	60-130
Trichlorofluoromethane	<0.5 ug/L	92	60-130
Vinyl Chloride	<0.2 ug/L	94	60-130
Run No 490620 **Analysis/Extraction Date** 2026-05-20 **Analyst** AtJ **Method** EPA 8260			
Xylene Mixture			
Run No 490622 **Analysis/Extraction Date** 2026-05-20 **Analyst** AtJ **Method** EPA 8260			
Dichloropropene,1,3-			

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Sample Comment Summary

Sample ID: 1798381 SW1	For all samples on this report, QC sample recoveries outside acceptance limits for dibenzo(a,h)anthracene, indeno(1,2,3-c,d)pyrene, and benzo(g,h,i)perylene.

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