Phase Two Environmental Site Assessment - Bronte Creek Meadows - 5164, 5366, 5470 and 5900 Upper Middle Road and 5201 Mainway, Burlington, Ontario

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Prepared for:
Alinea Land Corporation

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1.0 Executive Summary

Alinea Land Corporation (Client) retained Cambium Inc. (Cambium) to complete a Phase Two Environmental Site Assessment (ESA) at Bronte Creek Meadows in Burlington, Ontario (Site or Phase Two Property). The municipal address of the Site is 5164, 5366, 5470 and 5900 Upper Middle Road and 5201 Mainway in Burlington, Ontario. The Phase Two ESA was completed to meet the general requirements of Ontario Regulation (O.Reg.) 153/04 to support a Site Plan Approval application.

The roughly 126-hectare (312 acre) Site is located southeast of Upper Middle Road, southwest of Burloak Drive and northwest of Mainway in Burlington, Ontario. The Site is currently used for agricultural or other purposes as row crop agricultural field, woodlands, Sheldon Creek, and a tributary of Bronte Creek. The first developed land use at the Site was before 1934 for agricultural/residential purposes. It is proposed the Site will be redeveloped for mixed commercial, community, residential, and parkland use.

The Phase One ESA identified thirty-four potentially contaminating activity (PCAs), four on-site and thirty off-site, within the Phase One study area. Based on the distance and/or direction from the Site, local topography and inferred groundwater flow direction, none of the off-site PCAs contributed to an area of potential environmental concern (APEC). The 4 on-site PCAs contributed to 4 APECs related to fill of unknown origin and the historic agricultural operations at the Site. The related contaminants of potential concern (COPCs) were petroleum hydrocarbons (PHCs), volatile organic compounds (VOCs), polycyclic aromatic hydrocarbons (PAHs), metals, hydride-forming metals, organochlorine pesticides (OC Pesticides), and other regulated parameters (ORPs) including hot water-soluble boron (B-HWS), hexavalent chromium (Cr(VI)), mercury (Hg), cyanide (CN-), electrical conductivity (EC), and sodium adsorption ratio (SAR). Potentially contaminated media was soil. Groundwater was not deemed to be a media of concern based on the APECs identified.

A Phase Two ESA work program was developed to investigate COPCs in soil. The Phase Two ESA included eighteen boreholes.

Concentrations of COPCs met the Table 1 Site Condition Standards (SCS) in the analyzed soil samples except for DDE in soil samples from boreholes BH201-24 and BH202-24, in the area of the former orchard (APEC 2) in the northern corner of the Site.

Based on the risk based review the human health screening did not identify any unacceptable risks for DDE via direct contact with impacted soils or leaching to groundwater. However, the ecological screening did identify potential unacceptable risks to plants and soil organisms via direct contact with the impacted soils. Although, as the site is currently vacant and is to be redeveloped no additional risk management measures are recommended to address the DDE impacted soil at this time.

In addition, it is noted that the soil samples at BH201-24 and BH202-24 meet the O.Reg. 406/19 Table 2.1 *Full Depth Excess Soil Quality Standards in a Potable Ground Water Condition* (Volume Independent) for Industrial/Commercial/Community Property Use and would be suitable for reuse at another site. As a result, it is Cambiums opinion that the DDE soil impacts should be appropriately delineated and removed during future development at the Site.

2.0 Introduction

The Client retained Cambium to complete a Phase Two ESA at the Bronte Creek Meadows property in Burlington, Ontario. It is understood that the Regional Municipality of Halton and the City of Burlington require the completion of a Phase Two ESA for the Site consistent with O.Reg. 153/04 to support a Site Plan Approval application.

2.1 Site Description

The Site is on the southeast side of Upper Middle Road, the southwest side of Burloak Drive and the northwest side of Mainway in Burlington, Ontario. The municipal addresses include 5164, 5470 and 5900 Upper Middle Road and 5201 Mainway. Site information and property owner information are summarized below.

The Phase Two Property location is shown on Figure 1. The Phase Two Property boundary is shown on Figure 2.

Site Identification Information

Municipal Address	5164, 5366, 5470 and 5900 Upper Middle Road and 5201 Mainway, Burlington, Ontario
Historical Land Use	Agricultural, residential
Current Land Use	Agricultural
Future Land Use	Mixed commercial and residential/parkland
PIN	07183-0189 07183-0212 07183-0213 07183-1218 07183-1254
Universal Transverse Mercator Coordinates*	Zone 17T 599165 m E, 4805966 m N
Legal Description	Part 1 on 20R-10977, Parts 2 and 3 on 20R-12331, Part 1 on 20R-10140, Parts 1 and 2 on 20R-7372, Parts of Lots 1, 2, 3 and 4, Concession 2 South of Dundas (Township of Nelson); City of Burlington, Regional Municipality of Halton

Site Area	≈126 ha (312 acres)

* The Universal Transverse Mercator measurements were obtained from Google Earth Pro.

2.2 Property Ownership

Property Owner	Contact Information
PIN No. 07183-0189 Paletta Bros. Four Ltd.	Dave Pitblado Director of Real Estate Development Alinea Land Corporation 4480 Paletta Court Burlington, Ontario L7L 5R2 Phone: 905.632.6036 ext. 404 Email: dpitblado@thealineagroup.ca
PIN No. 07183-0212 Qualico Foods (1994) Inc.	
PIN No. 07183-0213 Paletta International (1990) Inc.	
PIN No. 07183-1218 2362303 Ontario Inc.	
PIN No. 07183-1254 2362302 Ontario Inc.	

2.3 Current and Proposed Future Uses

The Site is currently vacant and undeveloped. From approximately 1948 to 2013/2014, the Site was used for agricultural/residential purposes, with woodland and two watercourses (Sheldon Creek and a tributary of Bronte Creek).

Cambium understands the Client intends to develop the Site for residential, commercial, community and parkland land uses.

2.4 Applicable Site Condition Standards

The *Soil, Ground Water and Sediment Standards for Use Under Part XV.1 of the Environmental Protection Act* (MOE, 2011a) were used to determine the applicable SCS for the Site. The following site characteristics were considered when choosing which standards should be applied:

- The proposed future use of the Site is mixed residential, commercial, community and parkland land uses.

- The area being investigated is within 30 m of a water body as defined in O.Reg. 153/04. As such, Section 43.1 of O.Reg. 153/04 applies to the Site.
- For a property to be considered non-potable groundwater, all properties within 250 m of the property must be supplied by a municipal drinking water system that does not obtain its water from a groundwater source. The Site is in an area that is supplied by a municipal water supply; however, the City of Burlington's Intake Protection Zone 2 occupies the southeast portion of the Site. As such, potable water standards were applied to the Site.
- No properties in the phase one study area have a well used or intended for use as a source of water for human consumption or agriculture.
- The stratigraphy consisted of sand, silt and clay (native and fill materials) underlain by shale bedrock. Based on a previous geotechnical investigation, bedrock was encountered between 1.1 and 4.6 mbgs. As such, shallow soil standards apply to the Site.
- Based on field observations the soils could be considered fine textured (silt); however, to be conservative, the SCS for coarse-grained soil were considered appropriate.
- On-site soil pH was within the acceptable ranges for surface (≤1.5 mbgs) and sub-surface (>1.5 mbgs) soil. The following areas of natural significance were identified on-site or within 30 m of the Site, as defined in Section 1 of O.Reg. 153/04:
- Bronte Creek Provincial Park is located approximately 30 m northeast of the Site (Ontario, 2024).
- The woodlands located along the Sheldon Creek corridor, the Sheldon Creek Woodlot located in the central-southwest portion of the Site and the woodland located along the southeast boundary of the Site are considered significant woodlands by the City of Burlington. As such, the Site is environmentally sensitive as per Section 41 of O.Reg. 153/04.

Based on the above information, the applicable SCS for the Site were the Table 1 *Full Depth Background Site Condition Standards* for residential/parkland/institutional/industrial/ commercial/community property uses.

2.5 General Objectives

The general objectives of the Phase Two ESA were to determine the location and concentration of contaminants in the soil or water on, in or under the Phase Two Property; and subsequently determine if the SCS for contaminants on, in or under the Phase Two Property were met. These objectives were achieved by developing an understanding of the geological and hydrogeological conditions at the Phase Two Property and conducting field investigations for the identified COPCs. The Phase Two ESA included a soil investigation.

3.0 Background Information

3.1 Physical Setting

Review of available topographic mapping indicates that the Site generally slopes downward to the south with more localized slopes being downward towards the southwest towards Sheldon Creek, and towards the on-site tributary of Bronte Creek. The phase one study area also decreases in elevation towards Sheldon Creek, with a regional downward slope towards Lake Ontario (City of Burlington, 2024).

The Site is within the Iroquois Plain physiographic region (Chapman & Putnam, 1984), characterized by till and shale plains with drumlinized till. In the general area, the overburden is clay to silt-textured till derived from glaciolacustrine deposits or shale (OGS, 2010). The soils overlie Queenston Formation shale, limestone, dolostone, and siltstone (OGS, 2007). A review of the Ministry Environmental, Conservation and Parks (Ministry) water well records (MECP, 2024) for boreholes within 200 m of the Site indicated that the local stratigraphy consisted of sand, gravel, silt, and clay till with boulders. Shale bedrock was encountered between 2 to 3 mbgs in the Phase One study area. A previous geotechnical investigation indicated that the soil conditions consisted of topsoil and/or fill material followed by silt and clay, glacial till and shale bedrock. Shale bedrock was encountered between 1.1 to 4.6 mbgs at the Site (MTE Consultants, 2024).

Sheldon Creek is on the southwest portion of the Site and a tributary of Bronte Creek bisects the central portion of the Site; therefore, the Site is within 30 m of a water body, as defined in O.Reg. 153/04.

Sheldon Creek and the tributary of Bronte Creek flow southeast towards Lake Ontario. Based on the direction of these waterbodies, the localized ground water flow direction is inferred to be towards the on-Site creeks and the general ground water flow direction is inferred to be to the southeast.

The Phase One study area is municipally serviced for drinking water. A search of the Ministry Water Well Information System by ERIS identified 10 records for on-site water wells and 62

water well records within the phase one study area ranging from about 15 m to 300 m from the Site. The wells were predominantly identified as observation wells, and monitoring and test holes. One water supply well record was identified from 1963.

3.2 Past Investigations

No previous environmental reports were provided for Cambium to review.

4.0 Scope of the Investigation

4.1 Overview of the Site Investigation

The proposed scope of work for the Phase Two ESA was based on the general requirements of O.Reg. 153/04 and the findings of the Phase One ESA. Soil samples were submitted to Bureau Veritas (BV), an accredited analytical laboratory. The Phase Two ESA was subject to a Quality Assurance/Quality Control (QA/QC) program, including analysis of blind duplicate soil samples and trip blanks.

Cambium coordinated all subcontractors required to complete the work, including utility locators and the laboratory. Prior to conducting field work, Cambium prepared a Health and Safety Plan (HASP) tailored to the known and possible on-site contaminants, physical site hazards, and the type of work to be conducted. Included in the HASP was a detailed map showing the transportation route to the nearest hospital, emergency contact numbers, and other pertinent information required for work on potentially contaminated sites. All persons entering the Site, as contractors or otherwise, were required to review and sign the HASP prior to their admission.

Cambium arranged for underground services to be located and marked by public and private utility companies prior to starting intrusive investigations. The proposed borehole locations were clear of utilities.

A sampling and analysis plan (SAP) was prepared to address the identified APECs and is included in Appendix A.

4.2 Media Investigated

The Phase Two ESA investigated soil. Based on the results of the Phase One ESA and the soil sampling results, ground water, surface water and sediment sampling were not deemed to be required. Soil quality at the Site was investigated through hand tools and soil sampling.

4.3 Phase One Conceptual Site Model

The Phase One Conceptual Site Model (CSM) is required to assist the Qualified Person (QP) in illustrating the results of the Phase One ESA and to provide a basis for further work, if required. The Phase One CSM Study Area is shown on Figure 2. The Phase One CSM Site Plan is shown on Figure 3. The following descriptions and discussion supplement the figures, and together comprise the CSM.

4.3.1 Site Description

The roughly 126-hectare (312 acre) Site is on the southeast side of Upper Middle Road, the southwest side of Burloak Drive and the northwest side of Mainway, in Burlington, Ontario. The legal description of the Site is *Part 1 on 20R-10977, Parts 2 and 3 on 20R-12331, Part 1 on 20R-10140, Parts 1 and 2 on 20R-7372, Parts of Lots 1, 2, 3 and 4, Concession 2 South of Dundas (Township of Nelson); City of Burlington, Regional Municipality of Halton*. The Property Identification Numbers (PINs) are 07183-0189, 07183-0212, 07183-0213, 07183-1218, and 07183-1254. The Universal Transverse Mercator (UTM) coordinates for the centroid for the Site are Zone 17 T, 599165 m E, 4805966 m N.

4.3.2 Existing Buildings and Structures

There were no buildings or structures present on the Phase One Property at the time of the site reconnaissance with the exception of a Bell communications tower located on the northwester part of the Site.

4.3.3 Water Bodies and Areas of Natural Significance

Sheldon Creek is on the southwest portion of the Site and a tributary of Bronte Creek bisects the central portion of the Site; therefore, the Site is within 30 m of a water body, as defined in O.Reg. 153/04.

Sheldon Creek and the tributary of Bronte Creek flow southeast towards Lake Ontario. Based on the flow direction of these waterbodies, the localized ground water flow direction is inferred

to be towards the on-Site creeks and the general ground water flow direction is inferred to be to the southeast.

The Site was considered an Area of Natural Significance, as defined in Section 1 of O.Reg. 153/04, due to the proximity to Bronte Creek Provincial Park 30 m northeast of the Site (Ontario, 2024) and the presence of significant woodlands along Sheldon Creek and the Sheldon Creek Woodlot.

4.3.4 Drinking Water Wells

The phase one study area is municipally serviced for drinking water by the Regional Municipality of Halton. No drinking water wells were observed on the Site and no records of drinking water wells at the Site were identified by the records review. A search of the Ministry Water Well Information System by ERIS identified 10 records for on-site water wells and 62 water well records within the phase one study area ranging from about 15 m to 300 m from the Site. The wells were predominantly identified as observation wells, and monitoring and test holes. One water supply well record was identified from 1963.

Stratigraphy in the on-site wells was generally silt or clayey silt to about 2 to 3 m bgs underlain by shale bedrock.

4.3.5 Potentially Contaminating Activities

The Phase One ESA identified thirty-four potentially contaminating activities (PCAs), four on-site and thirty off-site, within the phase one study area. Thirty off-site PCAs were identified but these PCAs are not considered to result in areas of potential environmental concern (APECs) at the Phase One Property given the nature of operations, their distance from the Phase One Property and/or their down-gradient or cross gradient location. The four on-site PCAs related to fill of unknown origan and agricultural operations contributed to four APECs at the Site. Refer to Table 1 for further description of the identified PCAs and Figure 3 for locations of the identified PCAs.

The following PCAs contribute to APECs:

PCA 1 – On-site: fill material associated with former residential dwelling and barn structures in the north and northwest portions of the Site and reported in the 2024 MTE Geotechnical Investigation; #30 - Importation of Fill Material of Unknown Quality

PCA 2 – On-site: former inferred orchard located in the north portion of the Site; #40 - Pesticides (including Herbicides, Fungicides and Anti-Fouling Agents) Manufacturing, Processing, Bulk Storage and Large-Scale Applications

PCA 3 – On-site: former inferred orchard located in the northwest portion of the Site; #40 - Pesticides (including Herbicides, Fungicides and Anti-Fouling Agents) Manufacturing, Processing, Bulk Storage and Large-Scale Applications

PCA 4 – On-site: Row crop agriculture across the majority of the site; #40 - Pesticides (including Herbicides, Fungicides and Anti-Fouling Agents) Manufacturing, Processing, Bulk Storage and Large-Scale Applications

The PCAs that do not contribute to APECs can be found on Table 1.

The qualified person has determined that a substance has been applied to surfaces for the safety of vehicular or pedestrian traffic under conditions of snow or ice at the Site. As such, the exemption set out in paragraph 1 of section 49.1 of O.Reg. 153/04 will be relied upon.

4.3.6 Areas of Potential Environmental Concern

As required by O.Reg. 153/04, all on-site PCAs contributed to an APEC. Based on a review of potential to result in contamination at the Site, none of the off-site PCAs contributed to APECs. Refer to Table 2 for APEC details and Figure 3 for APEC locations.

APEC 1 – North, central, and southeast portions of the Site, associated with PCA 1, fill of unknown quality. COPCs include PHCs, VOCs, PAHs, metals, hydride-forming metals, EC, SAR, B-HWS, CN-, Hg, Cr(VI)

APEC 2 – North portion of the Site, associated with PCA 2, former inferred orchard. COPCs include OC Pesticides, metals, hydride-forming metals, B-HWS, CN-, Hg, Cr(VI).

APEC 3 – Northwest portion of the Site, associated with PCA 3, former inferred orchard. COPCs include OC Pesticides, metals, hydride-forming metals, B-HWS, CN-, Hg, Cr(VI).

APEC 4 – Majority of the Site, associated with PCA 4, pesticides applied for row crop agriculture. COPCs include OC Pesticides, metals, hydride-forming metals, B-HWS, CN-, Hg, Cr(VI).

The potentially contaminated media was soil. Groundwater was not deemed to be a media of concern based on the APECs identified.

4.3.7 Contaminants of Potential Concern

COPCs were identified for each PCA contributing to an APEC. The COPCs specific to each APEC are summarized in Table 2. PHCs, VOCs, PAHs, metals, hydride-forming metals, OC Pesticides, EC, SAR, B-HWS, CN-, Hg, and Cr(VI) were identified as COPCs related to the current and historical on and off-site PCAs.

4.3.8 Contaminant Distribution and Transport

An Enbridge natural gas pipeline runs parallel along Upper Middle Road through the Site. A Bell communications tower was also observed in the northwest portion of the Site, with an inferred underground utility connection. The remainder of the Phase One Property has remained undeveloped and there are no known underground utilities.

Groundwater was measure during a previous geotechnical investigation (MTE Consultants, 2024) between 1.3 and 4.7 mbgs, which may coincide with the depth to the natural gas pipeline and communication tower utilities. Therefore, it is considered possible that preferential migration of contaminants would occur via historical utility trenches.

No specific climatic or meteorological conditions were observed that may influence the distribution or migration of contaminants.

4.3.9 Geological and Hydrogeological Setting

Review of available topographic mapping indicated that the Site slopes downward locally to the southeast towards Sheldon Creek, and towards the on-site tributary of Bronte Creek. The

Phase One study area also decreases in elevation towards Sheldon Creek, with a regional downward slope towards Lake Ontario (City of Burlington, 2024).

The Site is within the Iroquois Plain physiographic region (Chapman & Putnam, 1984), characterized by till and shale plains with drumlinized till. In the general area, the overburden is clay to silt-textured till derived from glaciolacustrine deposits or shale (OGS, 2010). The soils overlie Queenston Formation shale, limestone, dolostone and siltstone (OGS, 2007). A review of Ministry water well records (MECP, 2024) for boreholes within 200 m of the Site indicated that the local stratigraphy consisted of sand gravel, silt, and clay till with boulders. Shale bedrock was encountered between 2 to 3 mbgs in the Phase One study area. A previous geotechnical investigation indicated that the soil conditions consisted of topsoil and/or fill material followed by silt and clay, glacial till and shale bedrock. Shale bedrock was encountered between 1.1 to 4.6 mbgs at the Site (MTE Consultants, 2024).

4.3.10 Uncertainty or Absence of Information

All aspects of the Phase Two ESA were conducted consistent with O.Reg. 153/04, and as such, the Site was investigated thoroughly. As access to the entire Site was possible, and adequate historical information was available through the interviewee's, records review, and FOI requests, uncertainty or absence of information is not expected to result in environmental concerns at the Site.

4.4 Deviations From Sampling and Analysis Plan

No deviations were made from the Sampling and Analysis Plan for the Phase Two ESA.

4.5 Impediments

No physical impediments or denial of access were encountered during the Phase Two ESA.

5.0 Investigation Method

5.1 General

The following sections provide a detailed description of the subsurface investigations. Soil samples were analyzed for one or more of PHCs, VOCs, PAHs, metals, hydride-forming metals, OC Pesticides, EC, SAR, B-HWS, CN-, Hg, Cr(VI), and pH.

As indicated in Section 2.4 based on the site characteristics as well as the proposed future use of the Site, the applicable standards for the Site are Table 1 SCS. Residential property use and coarse soil texture were selected to identify analyzed parameters present on the Site at concentrations exceeding the SCS.

5.2 Soil: Drilling

The drilling investigation was completed on September 17, 2024. Cambium personnel advanced 18 boreholes using hand tools to a maximum depth of 0.9 mbgs. Borehole locations are shown on Figure 4.

5.3 Soil: Sampling

During the drilling program, soil samples were collected over 0.2 m to 0.3 m intervals. Each sample was handled solely by the Cambium field technician using dedicated nitrile gloves to reduce the potential for cross-contamination.

Soil samples were logged for soil type, moisture content, presence of odour, and signs of impacts such as staining, consistent with standard geotechnical and environmental soil descriptions and nomenclature. The samples were divided on-site, a portion was placed in dedicated sample jars for submission to the laboratory, with the remainder placed in sealed plastic sample bags and used to screen for combustible and/or organic vapours present in the soil headspace. The field screening observations were used to determine which samples to submit for laboratory analysis. Samples to be submitted for analysis of volatile parameters were collected applying the appropriate techniques, as per O.Reg. 153/04 (i.e., pre-calibrated syringe sampler and methanol preserved vial).

5.4 Field Screening Measurements

Olfactory and visual observations of the soil samples were documented immediately upon extraction for soil characteristics and potential indicators of environmental contamination. Soil samples were screened using an RKI Eagle 2 portable gas detector for concentrations of combustible soil vapour (CSV) and organic vapour (OV), calibrated to hexane and isobutylene, respectively. After agitating the sample, the peak reading was recorded by inserting the meter probe into the sample bag. Refer to the borehole logs in Appendix B for the recorded vapour readings.

5.5 Analytical Testing

All samples potentially requiring laboratory analysis were placed in a cooler and kept at less than 10°C for transport to the laboratory.

Samples were submitted for analysis of one or more of the COPCs. The analytical results are discussed in Section 6.0 and copies of the laboratory Certificates of Analysis as received from the analytical laboratory are included in Appendix C. Based on field observations and screening the following soil samples were submitted for analysis.

- Eleven samples plus two duplicates for PHCs, VOCs, PAHs, metals, hydride-forming metals, ORPs, and OC pesticides.
- Seven samples plus one duplicate for metals, hydride forming metals, ORPs, and OC pesticides.

5.6 Residue Management Procedures

Soil cuttings from the drilling program were used as backfill material.

5.7 Elevation Surveying

No ground surface elevations were surveyed at the borehole locations; however, GPS coordinates were obtained for each sampling location.

5.8 Quality Assurance and Quality Control Measures

As part of the QA/QC program, blind duplicate soil samples were submitted at a rate of one duplicate sample for every ten samples analyzed. Blind duplicate samples were collected at the same time as the parent sample and placed into a separate container; split sampling methodology was used to ensure that the sampling was completed using the same method for both parent and duplicate samples. Refer to Section 6.6 for the results of the QA/QC program.

Equipment and tools used to obtain soil samples were cleaned with Alconox© and rinsed with distilled water before the collection of each sample. Technicians wore dedicated nitrile gloves, which were replaced for each sample.

6.0 Review and Evaluation

6.1 Geology

The physiography and geology of the Site has been discussed previously in Section 3.1 and a detailed description of the subsurface soils can be found on the borehole logs in Appendix B. These logs present detailed descriptions of the soils and their associated characteristics to the maximum depth of investigation. Borehole and monitoring well locations are shown on Figure 4.

The stratigraphy consisted of topsoil underlain by silt ranging from sandy silt to clayey silt to the borehole completion depth.

A review of Ministry water well records (MECP, 2024) for boreholes within 200 m of the Site indicated that the local stratigraphy consisted of sand, gravel, silt, and clay till with boulders. Shale bedrock was encountered between 2 to 3 mbgs in the phase one study area. A previous geotechnical investigation completed at the Site indicated that the soil conditions consisted of topsoil and/or fill material followed by silt and clay, glacial till and shale bedrock. Shale bedrock was encountered between 1.1 to 4.6 mbgs at the Site (MTE Consultants, 2024).

6.2 Groundwater: Elevations and Flow Direction

Ground water elevation and water level measurements collected on September 11, 2023 during a previous geotechnical investigation (MTE Consultants, 2024) indicated that ground water was found between 1.3 and 4.7 mbgs, as shown on Figure 4.

Sheldon Creek is on the southwest portion of the Site and a tributary of Bronte Creek bisects the central portion of the Site. Sheldon Creek and the tributary of Bronte Creek flow southeast towards Lake Ontario. Based on the flow direction of these waterbodies, the localized ground water flow direction is inferred to be towards the on-Site creeks and the general ground water flow direction is to the southeast.

6.3 Coarse Soil Texture

Field observations of the native soil indicated that the soil texture at the Site was fine to medium. Grain size analysis was not completed.

Residential property use and coarse soil texture were selected to identify analyzed parameters present on the Site at concentrations exceeding the SCS.

6.4 Soil: Field Screening

Refer to the detailed borehole logs included with this report as Appendix B for the results of field soil screening. Minor measurable CSV was detected in several soil samples with a maximum concentration of 95 ppm at borehole BH205-24. No measurable OV was detected in the soil samples.

6.5 Soil Quality

A general discussion of the submission and analysis of soil samples obtained during the subsurface investigation was presented Section 5.5.

Samples were submitted for analysis of one or more of the following: PHCs, VOCs, PAHs, metals, hydride-forming metals, OC Pesticides, EC, SAR, B-HWS, CN-, Hg, Cr(VI) and pH. Soil analysis results are presented in Table 3. Laboratory Certificates of Analysis are included in Appendix C. The soil sampling locations are shown on Figure 4.

6.5.1 PHCs

Eleven soil samples were submitted for analysis of PHCs. Concentrations were less than the Table 1 SCS in the analyzed soil samples as shown on Figure 5.

6.5.2 VOCs

Eleven soil samples were submitted for analysis of VOCs. Concentrations were less than the Table 1 SCS in the analyzed soil samples, as shown on Figure 6.

6.5.3 PAHs

Eleven soil samples were submitted for analysis of PAHs. Concentrations were less than the Table 1 SCS in the analyzed soil samples, as shown on Figure 7.

6.5.4 Metals and ORPs, and pH

Eighteen soil samples were submitted for analysis of metals, hydride-forming metals, hot water soluble boron, cyanide, hexavalent chromium, mercury, EC, and SAR. Concentrations were less than the Table 1 SCS in the analyzed soil samples, as shown on Figure 8.

Eighteen soil samples were analyzed for pH. On-site soil pH was within the acceptable ranges for surface (≤1.5 mbgs) soil.

6.5.5 OC Pesticides

Twenty soil samples were submitted for analysis of OC pesticides. The OC pesticide concentrations were less than the Table 1 SCS for all soil samples with the exception of DDE in soil samples BH201-24_0.3-0.5, BH201-24_0.5-0.7, BH202-24_0.5-0.7, and BH202-24_0.7-0.9, as shown on Figure 9.

6.6 Quality Assurance and Quality Control

Duplicate soil samples were collected for each parameter group. Where analytical parameters were detected in both the parent and the duplicate samples at more than five times the detection limits, relative percent difference (RPD) was calculated to assess the precision of the analytical data. The calculated RPD results were compared to the performance criteria for each parameter group as outlined in the *Protocol for Analytical Methods Used in the Assessment of Properties under Part XV.1 of the Environmental Protection Act and Excess Soil Quality* (MECP, 2021). RPD was calculated as follows:

$$RPD(\%) = \frac{|x_1 - x_2|}{x_m} \times 100\%$$

Where: x_1 = parent sample result

x_2 = duplicate sample result

x_m = arithmetic mean of initial and duplicate sample results

RPD is more sensitive to low concentrations; as such, RPDs were not calculated where the parameter concentration in the parent and/or duplicate sample was less than five times the laboratory reportable detection limit (RDL).

RPDs met the DQO for soil with the exception of electrical conductivity with an RPD of between 12% and 26% at BH208-24, BH215-24, and BH216-24 and may be related to soil heterogeneity. Overall, the duplicate samples match very closely with the parent samples. Accordingly, the soil analysis results were considered acceptable and indicated that the analytical data were suitable for use in evaluating soil quality at the Site.

Certificates of Analysis received for each submitted sample are included in Appendix C. All laboratory Certificates of Analysis pursuant to clause 47 (2) (b) of O.Reg. 153/04 comply with subsection 47(3) of the regulation.

Based on the results of the QA/QC program, the analytical results discussed herein can be interpreted with confidence.

6.7 Phase Two Conceptual Site Model

As per Table 1 of Schedule E of O.Reg. 153/04, a CSM is required for a Phase Two ESA to assist the QP in illustrating the results of the Phase Two ESA, demonstrating the current condition of the Phase Two Property, or where remedial actions have been undertaken, the condition of the Phase Two Property before the remedial actions were undertaken.

The following sections describe in detail the Phase Two CSM and provide the requisite narrative that assists in describing the attached figures.

6.7.1 Site Description and Ownership

The roughly 126 hectare (312 acre) Site is on the southeast side of Upper Middle Road, the southwest side of Burloak Drive and the northwest side of Mainway, in Burlington, Ontario. The

legal description of the Site is *Part 1 on 20R-10977, Parts 2 and 3 on 20R-12331, Part 1 on 20R-10140, Parts 1 and 2 on 20R-7372, Parts of Lots 1, 2, 3 and 4, Concession 2 South of Dundas (Township of Nelson); City of Burlington, Regional Municipality of Halton*. The Property Identification Numbers (PINs) are 07183-0189, 07183-0212, 07183-0213, 07183-1218, and 07183-1254. The Universal Transverse Mercator (UTM) coordinates for the centroid for the Site are Zone 17 T, 599165 m E, 4805966 m N.

The Site is currently vacant and undeveloped. From approximately 1948 to 2013/2014, the Site was used for agricultural/residential purposes, with woodland and two watercourses (Sheldon Creek and a tributary of Bronte Creek). Cambium understands the Client intends to develop the site for residential, commercial, community and parkland land uses.

6.7.2 Potentially Contaminating Activities

The Phase One ESA identified thirty-four potentially contaminating activities (PCAs), four on-site and thirty off-site, within the phase one study area. The off-site PCAs were not considered to result in areas of potential environmental concern (APECs) at the Phase One Property given the nature of operations, their distance from the Phase One Property and/or their down-gradient or cross gradient location. The four on-site PCAs related to fill of unknown quality and agricultural operations contributed to four APECs at the Site. Refer to Table 1 for further description of the identified PCAs and Figure 2 for locations of the identified PCAs.

The following PCAs contribute to APECs:

PCA 1 – On-site: fill material associated with former residential dwelling and barn structures in the north and northwest portions of the Site and reported in the 2024 MTE Geotechnical Investigation; #30 - Importation of Fill Material of Unknown Quality

PCA 2 – On-site: former inferred orchard located in the north portion of the Site; #40 - Pesticides (including Herbicides, Fungicides and Anti-Fouling Agents) Manufacturing, Processing, Bulk Storage and Large-Scale Applications

PCA 3 – On-site: former inferred orchard located in the northwest portion of the Site; #40 - Pesticides (including Herbicides, Fungicides and Anti-Fouling Agents) Manufacturing, Processing, Bulk Storage and Large-Scale Applications

PCA 4 – On-site: Row crop agriculture across the majority of the site; #40 - Pesticides (including Herbicides, Fungicides and Anti-Fouling Agents) Manufacturing, Processing, Bulk Storage and Large-Scale Applications

The PCAs that do not contribute to APECs can be found on Table 1.

The qualified person has determined that a substance has been applied to surfaces for the safety of vehicular or pedestrian traffic under conditions of snow or ice at the Site. As such, the exemption set out in paragraph 1 of section 49.1 of O.Reg. 153/04 will be relied upon.

6.7.3 Areas of Potential Environmental Concern

As required by O.Reg. 153/04, all on-site PCAs contributed to an APEC. Based on a review of potential to result in contamination at the Site, none of the off-site PCAs contributed to APECs. Refer to Table 2 for APEC details and Figure 3 for APEC locations.

APEC 1 – North, central, and southeast portions of the Site, associated with PCA 1, fill of unknown quality. COPCs include PHCs, VOCs, PAHs, metals, As, Sb, Se, EC, SAR, B-HWS, CN-, Hg, CrVI

APEC 2 – North portion of the Site, associated with PCA 2, former inferred orchard. COPCs include OC Pesticides, metals, As, Sb, Se, B-HWS, CN-, Hg, CrVI

APEC 3 – Northwest portion of the Site, associated with PCA 3, former inferred orchard. COPCs include OC Pesticides, metals, As, Sb, Se, B-HWS, CN-, Hg, CrVI

APEC 4 – Majority of the Site, associated with PCA 4, pesticides applied for row crop agriculture. COPCs include OC Pesticides, metals, As, Sb, Se, B-HWS, CN-, Hg, CrVI.

The potentially contaminated media was soil. Groundwater was not deemed to be a media of concern based on the APECs identified.

The sampling and analysis plan was designed to assess the APECs.. Samples for analysis of volatile parameters such as PHCs and VOCs were selected based primarily on soil screening results. Samples for analysis of all other parameters were selected based primarily on visual observation and depth.

Refer to Figure 4 for borehole locations.

6.7.4 Subsurface Structures and Utilities

An Enbridge natural gas pipeline runs parallel along Upper Middle Road through the Site. A Bell communications tower was also observed in the northwest portion of the Site, with an inferred underground utility connection. The remainder of the Phase One Property has remained undeveloped and there are no known underground utilities.

The known depth to groundwater based on the geotechnical investigation was measured between 1.3 and 4.7 mbgs, which may coincide with the depth to the natural gas pipeline and communication tower utilities. Therefore, it is considered possible that preferential migration of contaminants in groundwater could occur via historical utility trenches. However, groundwater at the Site is not anticipated to be impacted.

6.7.5 Stratigraphy

The stratigraphy consisted of topsoil underlain by silt ranging from sandy silt to clayey silt to the borehole completion depth.

A review of Ministry water well records (MECP, 2024) for boreholes within 200 m of the Site indicated that the local stratigraphy consisted of sand gravel, silt, and clay till with boulders. Shale bedrock was encountered between 2 to 3 mbgs in the Phase One study area. A previous geotechnical investigation completed at the Site indicated that the soil conditions consisted of topsoil and/or fill material followed by silt and clay, glacial till and shale bedrock. Shale bedrock was encountered between 1.1 to 4.6 mbgs at the Site (MTE Consultants, 2024).

No excess soil was finally placed at the property.

6.7.6 Hydrogeological Characteristics and Groundwater Elevations

Ground water elevation and water level measurements collected on September 11, 2023 during a previous geotechnical investigation (MTE Consultants, 2024) indicated that ground water was found between 1.3 and 4.7 mbgs as shown of Figure 4.

Sheldon Creek is on the southwest portion of the Site and a tributary of Bronte Creek bisects the central portion of the Site. Sheldon Creek and the tributary of Bronte Creek flow southeast towards Lake Ontario. Based on the flow direction of these waterbodies, the localized ground water flow direction is inferred to be towards the on-Site creeks and the general ground water flow direction is to the southeast.

6.7.7 Applicable Site Condition Standards

The *Soil, Ground Water and Sediment Standards for Use Under Part XV.1 of the Environmental Protection Act* (MOE, 2011a) were used to determine the applicable SCS for the Site. The following site characteristics were considered when choosing which standards should be applied:

- The proposed future use of the Site is mixed commercial, community, residential and parkland use.
- The area being investigated is within 30 m of a water body as defined in O.Reg. 153/04. As such, Section 43.1 of O.Reg. 153/04 applies to the Site.
- For a property to be considered non-potable groundwater, all properties within 250 m of the property must be supplied by a municipal drinking water system that does not obtain its water from a groundwater source. The Site is in an area that is supplied by a municipal water supply; however, the City of Burlington's Intake Protection Zone 2 occupies the southeast portion of the Site. As such, potable water standards were applied to the site.
- No properties in the phase one study area have a well used or intended for use as a source of water for human consumption or agriculture.

- The stratigraphy consisted of sand, silt, and clay (native and fill materials) underlain by shale bedrock. Based on a previous geotechnical investigation, bedrock was encountered between 1.1 to 4.6 mbgs. As such, shallow soil standards were applied to the Site.
- Based on field observations the soils could be considered fine textured (silt), however, to be conservative, the SCS for coarse-grained soil were considered appropriate.
- On-site soil pH was within the acceptable ranges for surface soil (≤1.5 mbgs) The following areas of natural significance were identified on-site or within 30 m of the Site, as defined in Section 1 of O.Reg. 153/04:
    - Bronte Creek Provincial Park is located approximately 30 m northeast of the Site (Ontario, 2024).
    - The woodlands located along the Sheldon Creek corridor, the Sheldon Creek Woodlot located in the central-southwest portion of the Site and the woodland located along the southeast boundary of the Site are considered significant woodlands by the City of Burlington.

As such, the Site is environmentally sensitive as per Section 41 of O.Reg. 153/04.

Based on the above information, the applicable SCS for the Site were the Table 1 *Full Depth Background Site Condition Standards* for residential/parkland/institutional/ industrial/commercial/community property uses.

6.7.8 Contaminant Identification and Distribution

Site features/sampling locations are shown on Figure 4.

Concentrations of all COPCs were less than the Table 1 SCS in the analyzed soil samples with the following exceptions:

- BH201-24_0.3-0.5 had a DDE concentration of 0.49 µg/g versus the Table 1 SCS of 0.05 µg/g

- BH201-24_0.5-0.7 had a DDE concentration of 0.16 µg/g versus the Table 1 SCS of 0.05 µg/g
- BH202-24_0.5-0.7 had a DDE concentration of 0.052 µg/g versus the Table 1 SCS of 0.05 µg/g
- BH202-24_0.7-0.9 had a DDE concentration of 0.06 µg/g versus the Table 1 SCS of 0.05 µg/g

6.7.9 Risk Based Review

As part of the Phase Two ESA, a risk-based approach to addressing the DDE soil impacts identified in Section 6.7.8 was completed to evaluate the potential adverse effects associated with exposure to the on-site impacts in soil for both human health and the environment. These risks were assessed qualitatively using screening tools provided by the Ministry.

The *Soil, Ground Water and Sediment Standards for Use Under Part XV.1 of the Environmental Protection Act* (MOE, 2011a) were used to determine the applicable Site Condition Standards (SCS) for the Site. As outlined in Section 6.7.7 the applicable SCS for the Site is Table 1 SCS.

In the development of the generic SCS, the Ministry considered multiple receptors (both human health and ecological) and exposure pathways associated with a given property use. The final SCS were determined as the lowest of the selected component values available (MOE, 2011b). As a result, these component values can be used to support a screening level assessment for human or ecological receptors by only considering component values related to human or ecological health, respectively. The human health component values used in this assessment are those provided by the Ministry's *Modified Generic Risk Assessment Approved Model* (MOECC, 2016) as updated with toxicological reference values currently endorsed by the Ministry (MECP, 2021).

Based on the Site characteristics, appropriate component values are those derived for residential/parkland/institutional property use, non-potable groundwater, coarse textured soils, shallow bedrock, and groundwater depth greater than 3mbgs. Ecological component values

are obtained from the Ministry's 2011 *Rationale* document (MOE, 2011b). Erosion of surficial soil into the sediment of the on-Site creeks was not deemed to be of concern as the area of soil impacts is greater than 30 m from the closest on-site creek; moreover, multiple unimpacted samples were collected from locations between the identified impacts and the water body.

For soil, the soil-based component values that are protective of human health and that are applicable to the Site are as follows:

- S-GW1: Soil leaching to groundwater and subsequent direct contact with potable groundwater, protective of receptors consuming on-site drinking water
- S1: Direct contact with soil, protective of all ages of receptors

Similarly, the soil-based component values that are protective of ecological receptors and that are applicable to the Site are as follows:

- Plants and Soil Organisms: Direct and indirect contact pathways for terrestrial plants and soil organisms
- Mammals and Birds: Direct and indirect contact pathways for terrestrial mammals and birds

For this assessment, a conservative Reasonable Estimated Maximum (REM) concentration for DDE was determined by adding 20% to the maximum concentration identified in the Phase Two ESA, consistent with the conservative approach typically recommended by the Ministry.

The human health and ecological screening assessment is presented below:

Chemical Parameter	Max Soil Concentration µg/g	REM µg/g	S-GW1 Soil Leaching µg/g	S1 Direct Contact µg/g	Plants and Soil Organisms µg/g	Mammals and Birds µg/g
DDE	0.49	0.59	1300	2.3	0.26	NV

Notes: NV – no value provided

The human health screening did not identify any unacceptable risks for DDE via direct contact with impacted soils or leaching to groundwater.

The ecological screening did identify potential unacceptable risks to plants and soil organisms via direct contact with the impacted soils. However, as the Site is currently vacant and is to be redeveloped, no additional risk management measures are recommended to address the DDE impacted soil at this time, provided the DDE soil impacts in the northern corner of the Site are appropriately delineated and removed during future development.

6.7.10 Contaminant Migration and Transport

Concentrations of all COPCs were less than the Table 1 SCS in the analyzed soil samples with the exceptions as noted in Section 6.7.8. Contaminant impacts appear to be localized to the area of the former Orchard (APEC 2) and are related to DDE in the surficial soil. Based on the groundwater level measurements completed in September 2023 as part of the previous geotechnical investigation (MTE Consultants, 2024), the depth to groundwater in this area is approximately 4.1 mbgs and the water table is within the shale bedrock.

As noted in Section 6.7.9, leaching of DDE from the impacted soil to groundwater is not anticipated and as a result, no migration or transport of contaminants is expected.

6.7.11 Exposure Pathways and Receptors

Concentrations of all COPCs were less than the Table 1 SCS in the analyzed soil samples with the exceptions as noted in Section 6.7.8. Contaminant impacts appear to be localized to the area of the former Orchard (APEC 2) and are related to DDE in the surficial soils.

As noted in Section 6.7.9 the human health screening did not identify any unacceptable risks for DDE via direct contact with impacted soils or leaching to groundwater. However, the ecological screening did identify potential unacceptable risks to plants and soil organisms via direct contact with the impacted soils. Although, as the site is currently vacant and is to be redeveloped no additional risk management measures are recommended to address the DDE impacted soil at this time. However, it is Cambiums opinion that the DDE soil impacts should be appropriately delineated and removed during future development at the Site.

6.7.12. Location of Buildings and Structures

No buildings or structures exist on the Site.

The proposed redevelopment of the property includes a mix of commercial, community, residential, and parkland use; however, final development plans are unavailable at this time.

6.7.13 Areas of Contamination on the Property

Concentrations of COPCs met the Table 1 SCS in the analyzed soil samples with the exception of soil samples from BH201-24 and BH202-24 for DDE in the area of the former orchard (APEC 2) in the north corner of the Site as shown on Figure 9.

7.0 Conclusions

Conclusions regarding the current environmental conditions at the Site are based solely on the results of the Phase One ESA and this Phase Two ESA.

7.1 Environmental Conditions

A Phase Two ESA work program was developed to investigate COPCs (PHCs, VOCs, PAHs, metals, hydride-forming metals, OC Pesticides, EC, SAR, B-HWS, CN-, Hg, Cr(VI) and pH) in soil. The Phase Two ESA included eighteen boreholes advanced to 0.9 mbgs.

On-Site soil pH was within the acceptable ranges for surface soil (≤1.5 mbgs).

Concentrations of COPCs met the Table 1 SCS in the analyzed soil samples with the exception of soil samples from BH201-24 and BH202-24 for DDE in the area of the former orchard (APEC 2) in the north corner of the Site.

Based on the risk based review the human health screening did not identify any unacceptable risks for DDE via direct contact with impacted soils or leaching to groundwater. However, the ecological screening did identify potential unacceptable risks to plants and soil organisms via direct contact with the impacted soils. Although, as the site is currently vacant and is to be redeveloped no additional risk management measures are recommended to address the DDE impacted soil at this time.

In addition, it is noted that the soil samples at BH201-24 and BH202-24 meet the O.Reg. 406/19 Table 2.1 *Full Depth Excess Soil Quality Standards in a Potable Ground Water Condition* (Volume Independent) for Industrial/Commercial/Community Property Use and would be suitable for reuse at another site. As a result, it is Cambiums opinion that the DDE soil impacts should be appropriately delineated and removed during future development at the Site.

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7.2 Signatures

This Phase Two ESA was completed under the supervision of Mr. John Kaasalainen, P.Eng., QP_{ESA}, as per O.Reg. 153/04, as amended. Information presented in this report is true and accurate to the best of the assessors' knowledge.

DS

Respectfully submitted,

Cambium Inc.

Signed by:



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John Kaasalainen, P.Eng., QP_{ESA}
Senior Project Manager

2024-12-11

JK

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9.0 Standard Limitation

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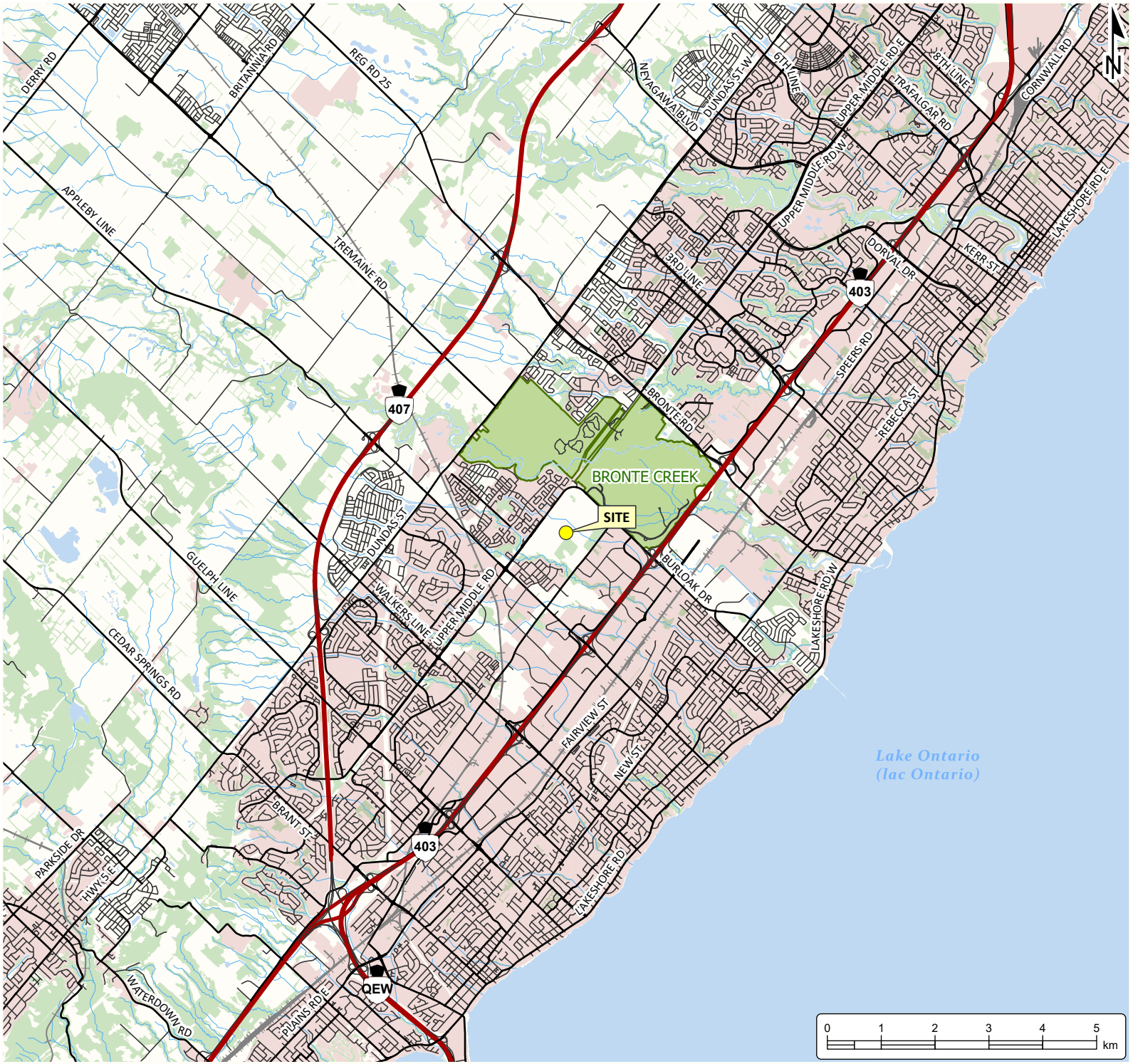
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Appended Figures

PHASE TWO ENVIRONMENTAL SITE ASSESSMENT

ALINEA LAND CORPORATION
Bronte Creek Meadows
Burlington, Ontario



LEGEND

- Highway
- Major Road
- Minor Road
- Railway
- Watercourse
- Provincial Park
- Built Up Area
- Wooded Area
- Water Area

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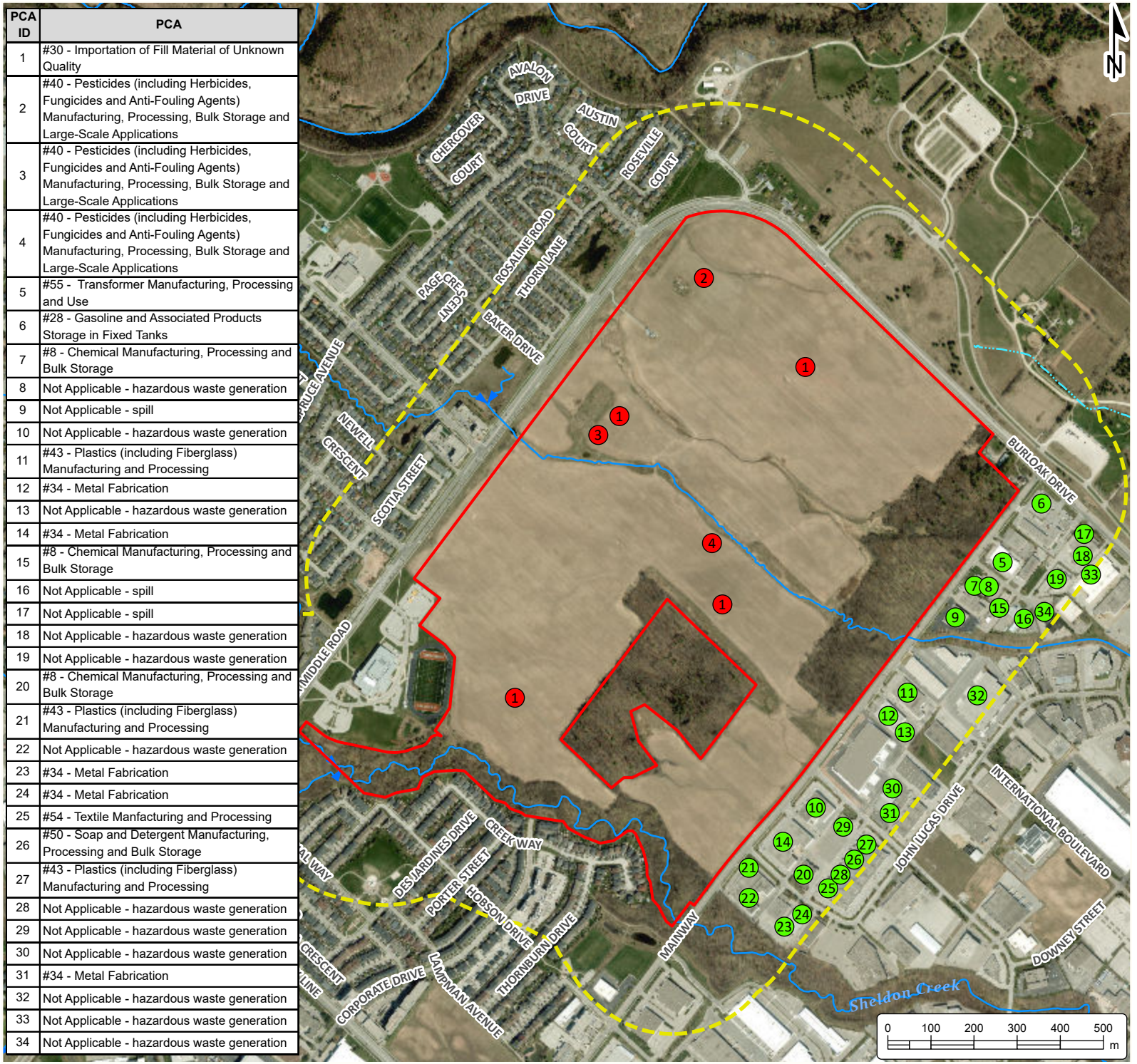
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SITE LOCATION PLAN

Project No.: 21199-001		Date: October 2024 Rev.:	
Scale: 1:100,000		Projection: NAD 1983 UTM Zone 17N	
Created by: TLC	Checked by: MS	Figure:	1

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PCA ID	PCA
1	#30 - Importation of Fill Material of Unknown Quality
2	#40 - Pesticides (including Herbicides, Fungicides and Anti-Fouling Agents) Manufacturing, Processing, Bulk Storage and Large-Scale Applications
3	#40 - Pesticides (including Herbicides, Fungicides and Anti-Fouling Agents) Manufacturing, Processing, Bulk Storage and Large-Scale Applications
4	#40 - Pesticides (including Herbicides, Fungicides and Anti-Fouling Agents) Manufacturing, Processing, Bulk Storage and Large-Scale Applications
5	#55 - Transformer Manufacturing, Processing and Use
6	#28 - Gasoline and Associated Products Storage in Fixed Tanks
7	#8 - Chemical Manufacturing, Processing and Bulk Storage
8	Not Applicable - hazardous waste generation
9	Not Applicable - spill
10	Not Applicable - hazardous waste generation
11	#43 - Plastics (including Fiberglass) Manufacturing and Processing
12	#34 - Metal Fabrication
13	Not Applicable - hazardous waste generation
14	#34 - Metal Fabrication
15	#8 - Chemical Manufacturing, Processing and Bulk Storage
16	Not Applicable - spill
17	Not Applicable - spill
18	Not Applicable - hazardous waste generation
19	Not Applicable - hazardous waste generation
20	#8 - Chemical Manufacturing, Processing and Bulk Storage
21	#43 - Plastics (including Fiberglass) Manufacturing and Processing
22	Not Applicable - hazardous waste generation
23	#34 - Metal Fabrication
24	#34 - Metal Fabrication
25	#54 - Textile Manfacturing and Processing
26	#50 - Soap and Detergent Manufacturing, Processing and Bulk Storage
27	#43 - Plastics (including Fiberglass) Manufacturing and Processing
28	Not Applicable - hazardous waste generation
29	Not Applicable - hazardous waste generation
30	Not Applicable - hazardous waste generation
31	#34 - Metal Fabrication
32	Not Applicable - hazardous waste generation
33	Not Applicable - hazardous waste generation
34	Not Applicable - hazardous waste generation



PHASE TWO ENVIRONMENTAL SITE ASSESSMENT

ALINEA LAND CORPORATION
Bronte Creek Meadows
Burlington, Ontario

LEGEND

- Watercourse, Permanent
- Watercourse, Intermittent
- Site (approximate)
- 250m Study Area

Contribute

- Does not contribute to APEC
- Contributes to APEC

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CONCEPTUAL SITE MODEL STUDY AREA

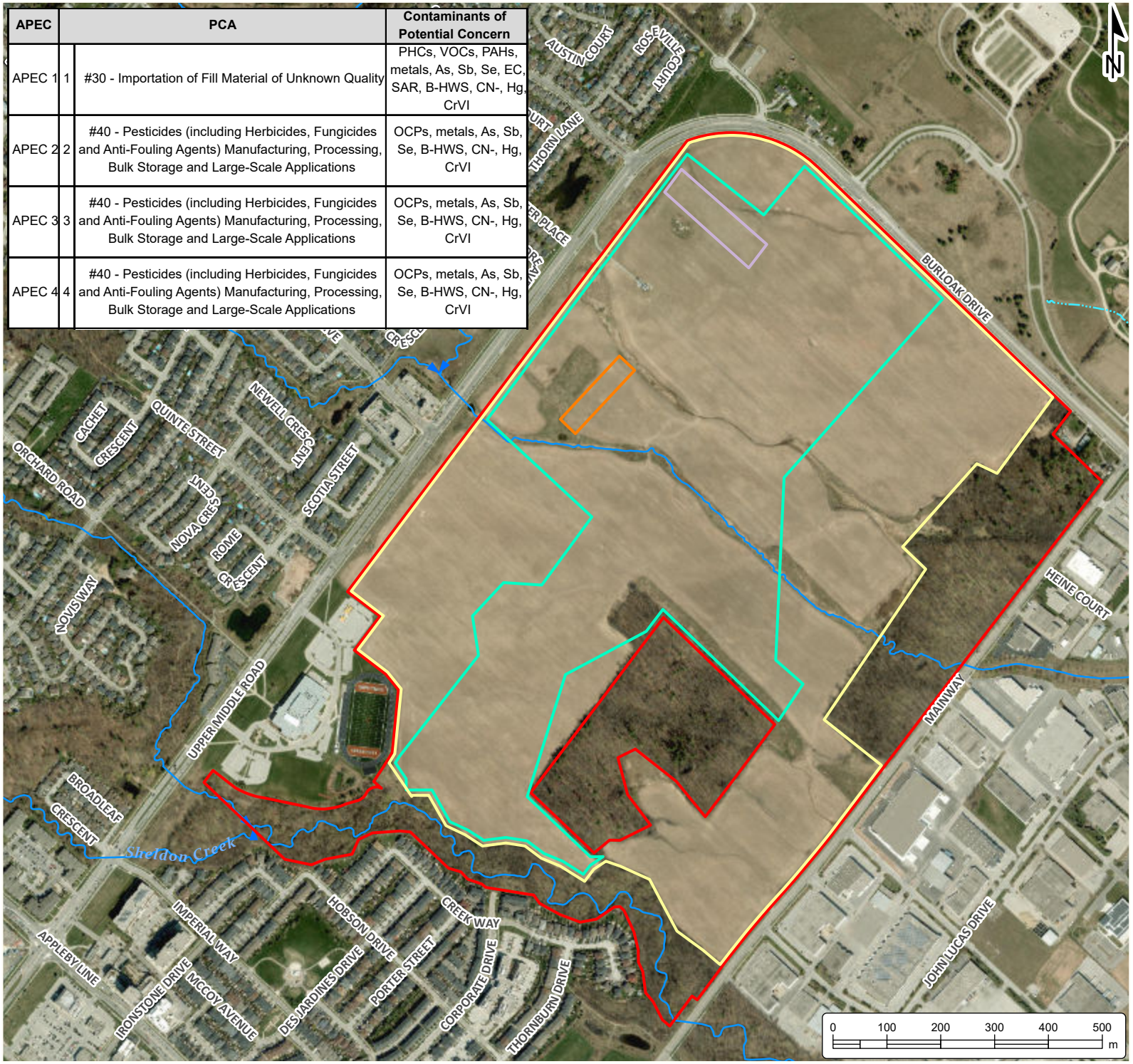
Project No.: 21199-001		Date: October 2024	
		Rev.:	
Scale: 1:12,500		Projection: NAD 1983 UTM Zone 17N	
Created by: TLC	Checked by: MS	Figure:	2

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PHASE TWO ENVIRONMENTAL SITE ASSESSMENT

ALINEA LAND CORPORATION
Bronte Creek Meadows
Burlington, Ontario

APEC		PCA	Contaminants of Potential Concern
APEC 1	1	#30 - Importation of Fill Material of Unknown Quality	PHCs, VOCs, PAHs, metals, As, Sb, Se, EC, SAR, B-HWS, CN-, Hg, CrVI
APEC 2	2	#40 - Pesticides (including Herbicides, Fungicides and Anti-Fouling Agents) Manufacturing, Processing, Bulk Storage and Large-Scale Applications	OCPs, metals, As, Sb, Se, B-HWS, CN-, Hg, CrVI
APEC 3	3	#40 - Pesticides (including Herbicides, Fungicides and Anti-Fouling Agents) Manufacturing, Processing, Bulk Storage and Large-Scale Applications	OCPs, metals, As, Sb, Se, B-HWS, CN-, Hg, CrVI
APEC 4	4	#40 - Pesticides (including Herbicides, Fungicides and Anti-Fouling Agents) Manufacturing, Processing, Bulk Storage and Large-Scale Applications	OCPs, metals, As, Sb, Se, B-HWS, CN-, Hg, CrVI



LEGEND

- Watercourse, Permanent
- Watercourse, Intermittent
- Site (approximate)

Area of Potential Environmental Concern:

- APEC 1
- APEC 2
- APEC 3
- APEC 4

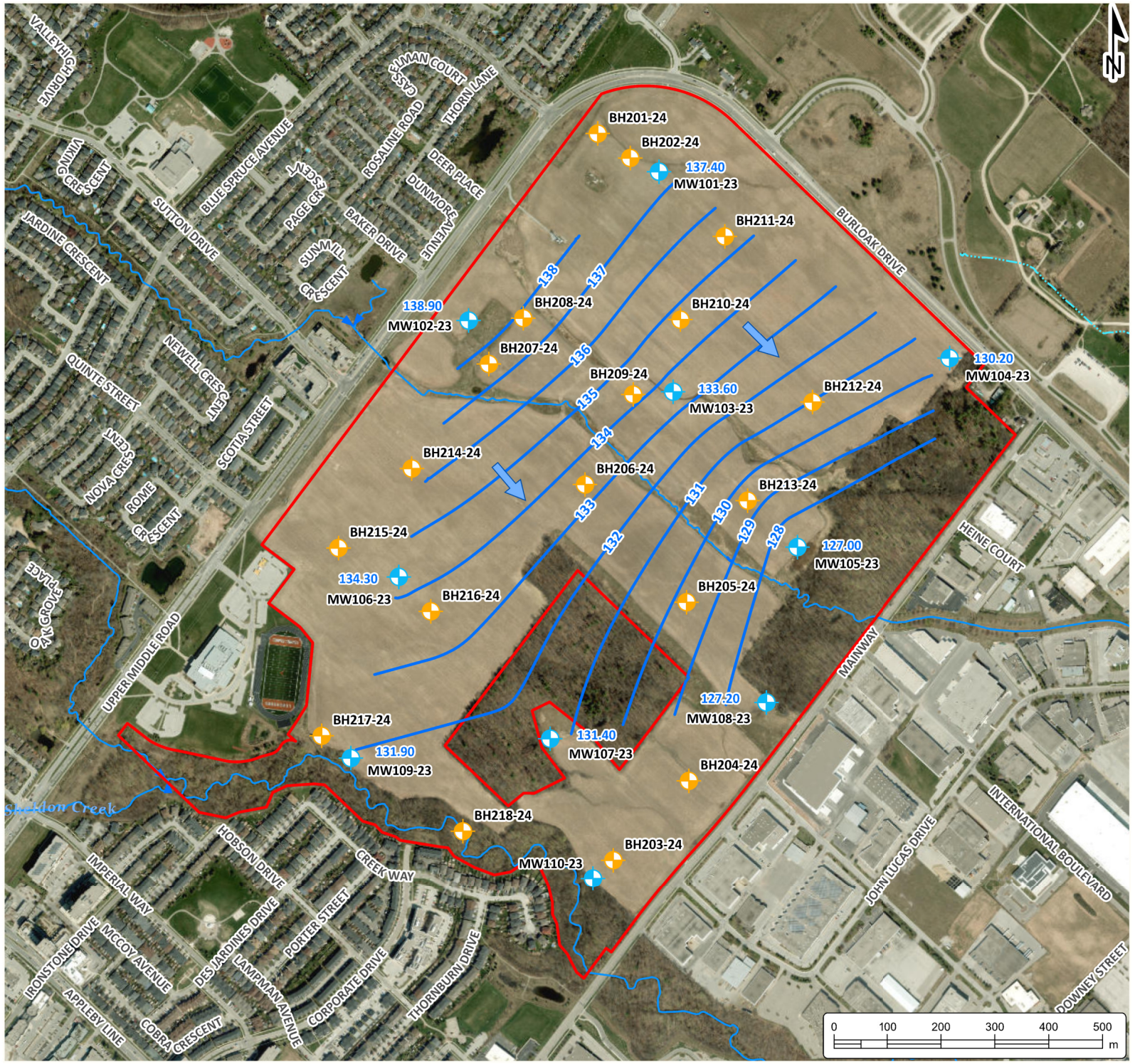
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CONCEPTUAL SITE MODEL SITE PLAN

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PHASE TWO ENVIRONMENTAL SITE ASSESSMENT

ALINEA LAND CORPORATION
Bronte Creek Meadows
Burlington, Ontario

LEGEND

- 130.20 Groundwater Elevation September 11, 2023
- Borehole
- Monitoring Well (by others)
- Watercourse, Permanent
- Watercourse, Intermittent
- Groundwater Contour September 11, 2023
- Site (approximate)
- Groundwater Flow Direction September 11, 2023

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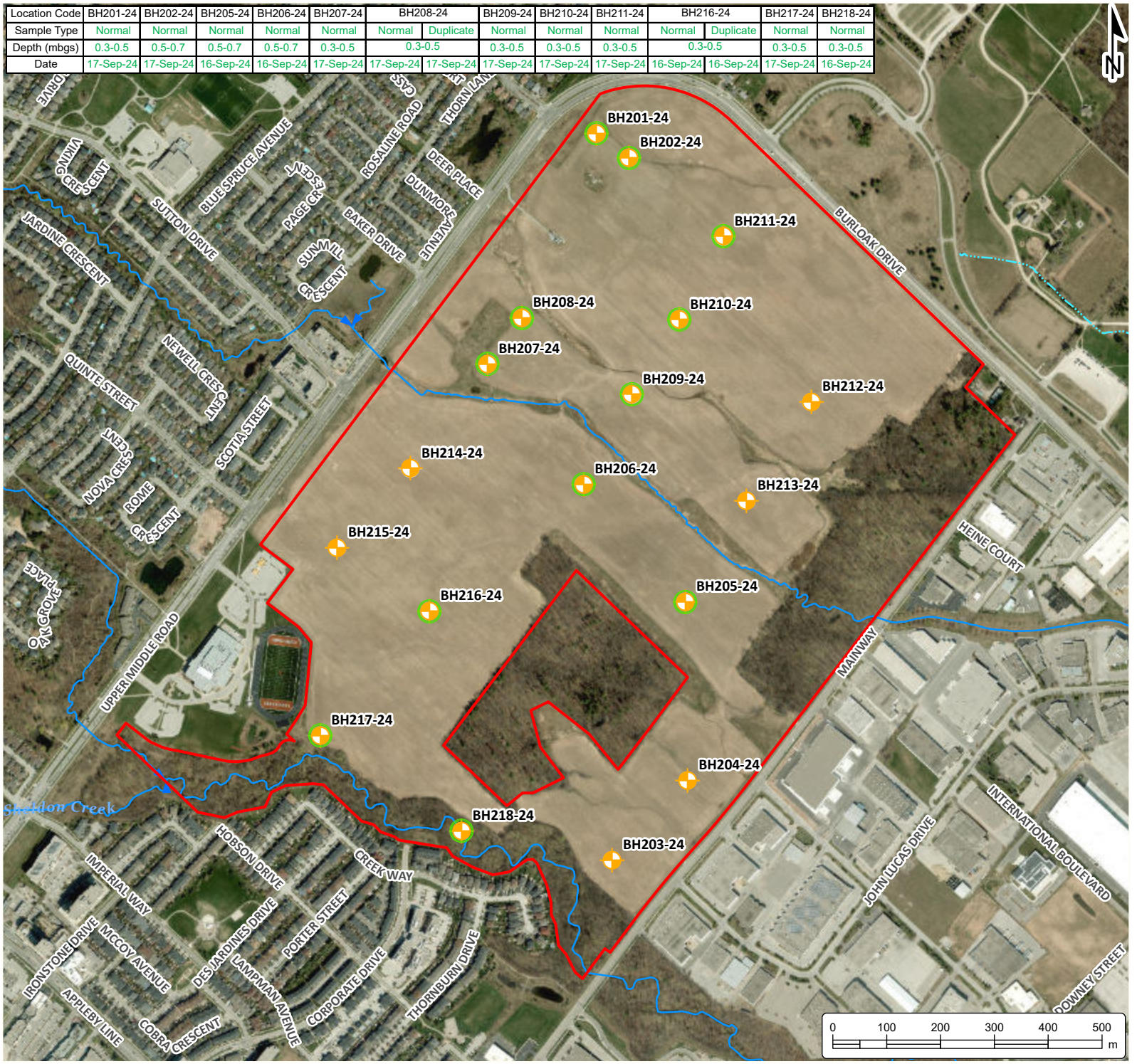
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INVESTIGATION LOCATIONS

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Location Code	BH201-24	BH202-24	BH205-24	BH206-24	BH207-24	BH208-24		BH209-24	BH210-24	BH211-24	BH216-24		BH217-24	BH218-24
Sample Type	Normal	Normal	Normal	Normal	Normal	Normal	Duplicate	Normal	Normal	Normal	Normal	Duplicate	Normal	Normal
Depth (mbgs)	0.3-0.5	0.5-0.7	0.5-0.7	0.5-0.7	0.3-0.5	0.3-0.5		0.3-0.5	0.3-0.5	0.3-0.5	0.3-0.5		0.3-0.5	0.3-0.5
Date	17-Sep-24	17-Sep-24	16-Sep-24	16-Sep-24	17-Sep-24	17-Sep-24	17-Sep-24	17-Sep-24	17-Sep-24	17-Sep-24	16-Sep-24	16-Sep-24	17-Sep-24	16-Sep-24



PHASE TWO ENVIRONMENTAL SITE ASSESSMENT

ALINEA LAND CORPORATION
Bronte Creek Meadows
Burlington, Ontario

LEGEND

- Borehole
- Meets Table 1 RPI
- Exceeds Table 1 RPI
- Watercourse, Permanent
- Watercourse, Intermittent
- Site (approximate)

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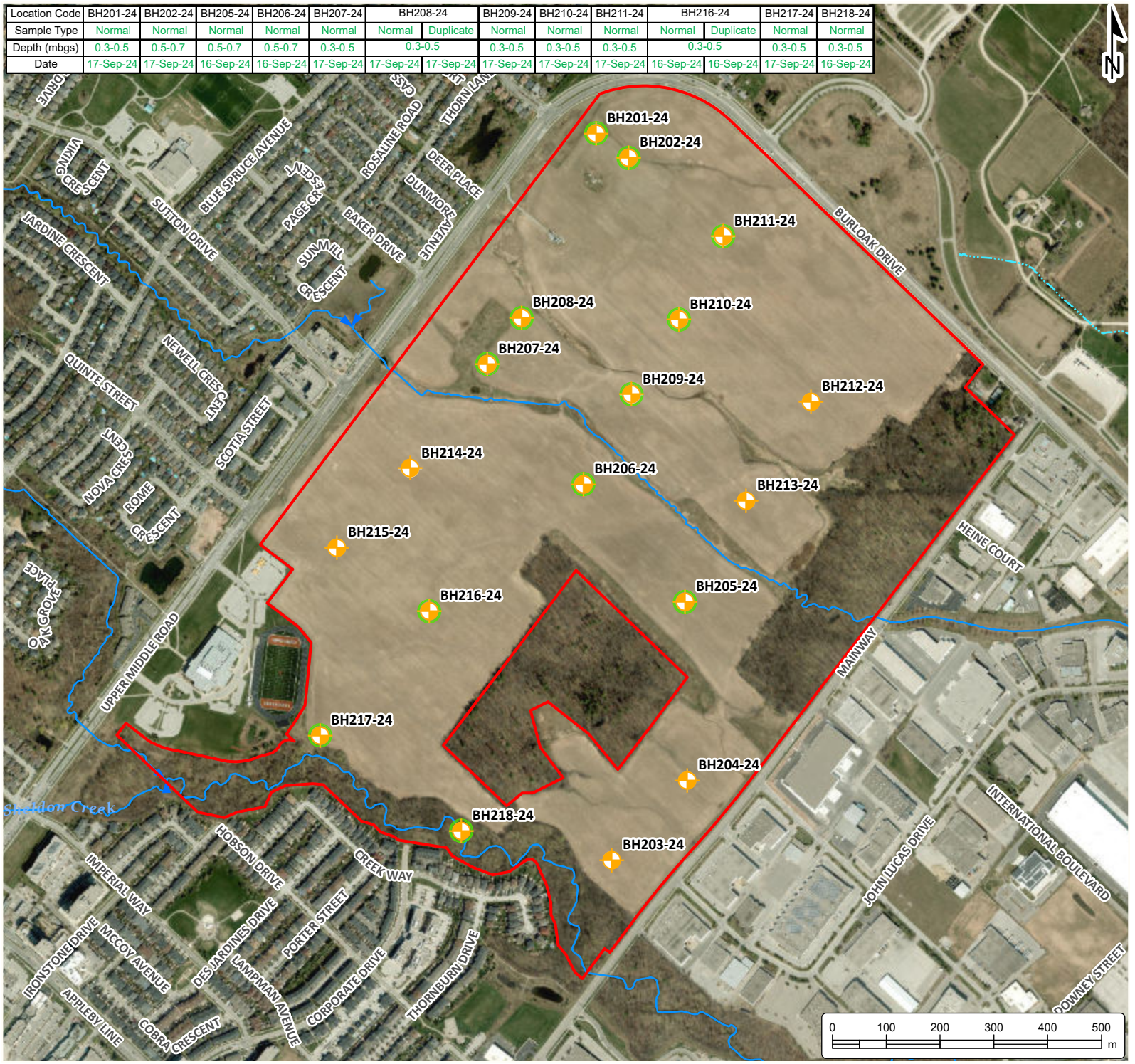
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SOIL QUALITY PHCs

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Location Code	BH201-24	BH202-24	BH205-24	BH206-24	BH207-24	BH208-24		BH209-24	BH210-24	BH211-24	BH216-24		BH217-24	BH218-24
Sample Type	Normal	Normal	Normal	Normal	Normal	Normal	Duplicate	Normal	Normal	Normal	Normal	Duplicate	Normal	Normal
Depth (mbgs)	0.3-0.5	0.5-0.7	0.5-0.7	0.5-0.7	0.3-0.5	0.3-0.5		0.3-0.5	0.3-0.5	0.3-0.5	0.3-0.5		0.3-0.5	0.3-0.5
Date	17-Sep-24	17-Sep-24	16-Sep-24	16-Sep-24	17-Sep-24	17-Sep-24	17-Sep-24	17-Sep-24	17-Sep-24	17-Sep-24	16-Sep-24	16-Sep-24	17-Sep-24	16-Sep-24



PHASE TWO ENVIRONMENTAL SITE ASSESSMENT

ALINEA LAND CORPORATION
Bronte Creek Meadows
Burlington, Ontario

LEGEND

- Borehole
- Meets Table 1 RPI
- Exceeds Table 1 RPI
- Watercourse, Permanent
- Watercourse, Intermittent
- Site (approximate)

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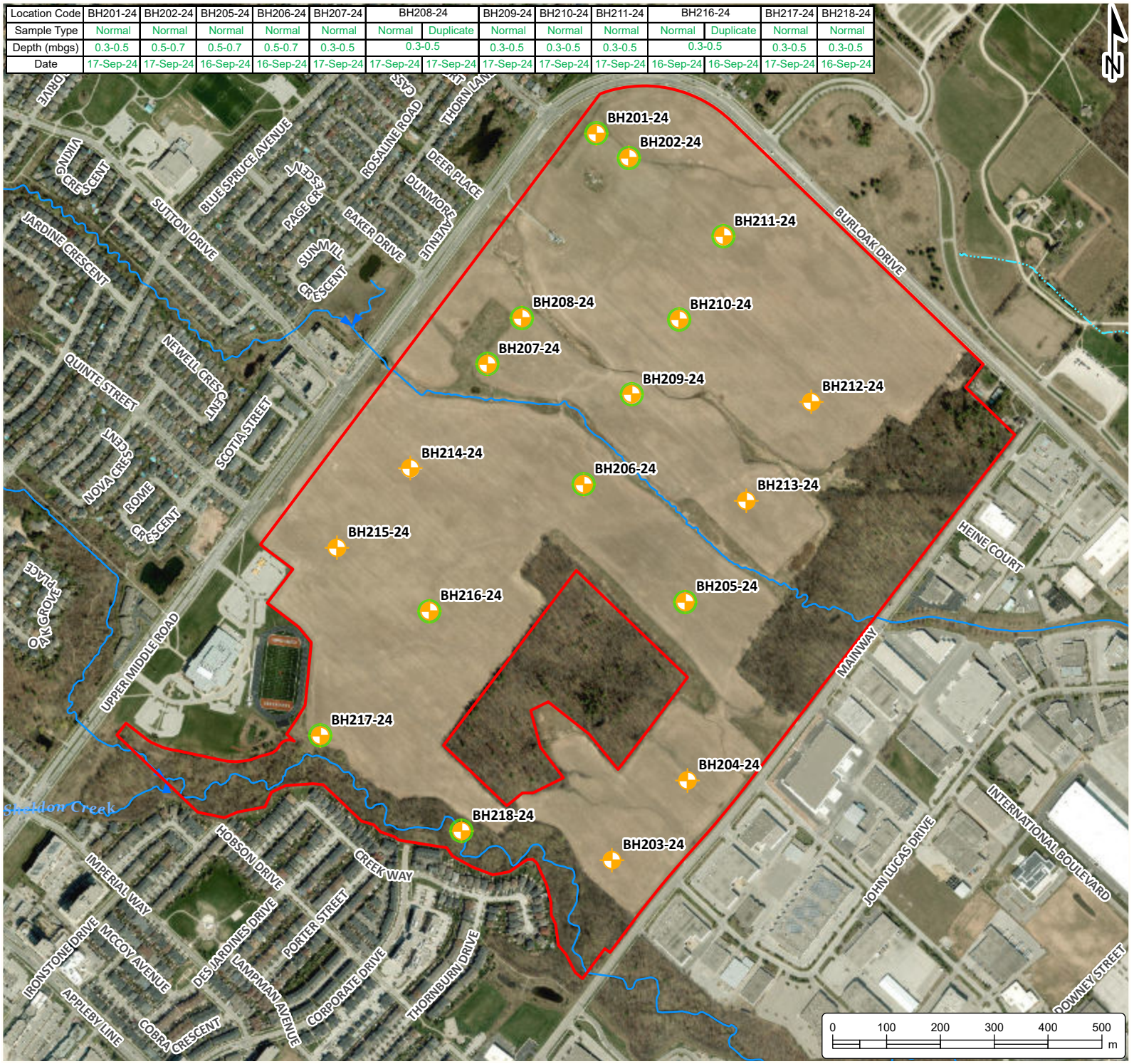
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SOIL QUALITY VOCs

Project No.: 21199-001		Date: October 2024	Rev.:
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Location Code	BH201-24	BH202-24	BH205-24	BH206-24	BH207-24	BH208-24		BH209-24	BH210-24	BH211-24	BH216-24		BH217-24	BH218-24
Sample Type	Normal	Normal	Normal	Normal	Normal	Normal	Duplicate	Normal	Normal	Normal	Normal	Duplicate	Normal	Normal
Depth (mbgs)	0.3-0.5	0.5-0.7	0.5-0.7	0.5-0.7	0.3-0.5	0.3-0.5		0.3-0.5	0.3-0.5	0.3-0.5	0.3-0.5		0.3-0.5	0.3-0.5
Date	17-Sep-24	17-Sep-24	16-Sep-24	16-Sep-24	17-Sep-24	17-Sep-24	17-Sep-24	17-Sep-24	17-Sep-24	17-Sep-24	16-Sep-24	16-Sep-24	17-Sep-24	16-Sep-24



PHASE TWO ENVIRONMENTAL SITE ASSESSMENT

ALINEA LAND CORPORATION
Bronte Creek Meadows
Burlington, Ontario

LEGEND

- Borehole
- Meets Table 1 RPI
- Exceeds Table 1 RPI
- Watercourse, Permanent
- Watercourse, Intermittent
- Site (approximate)

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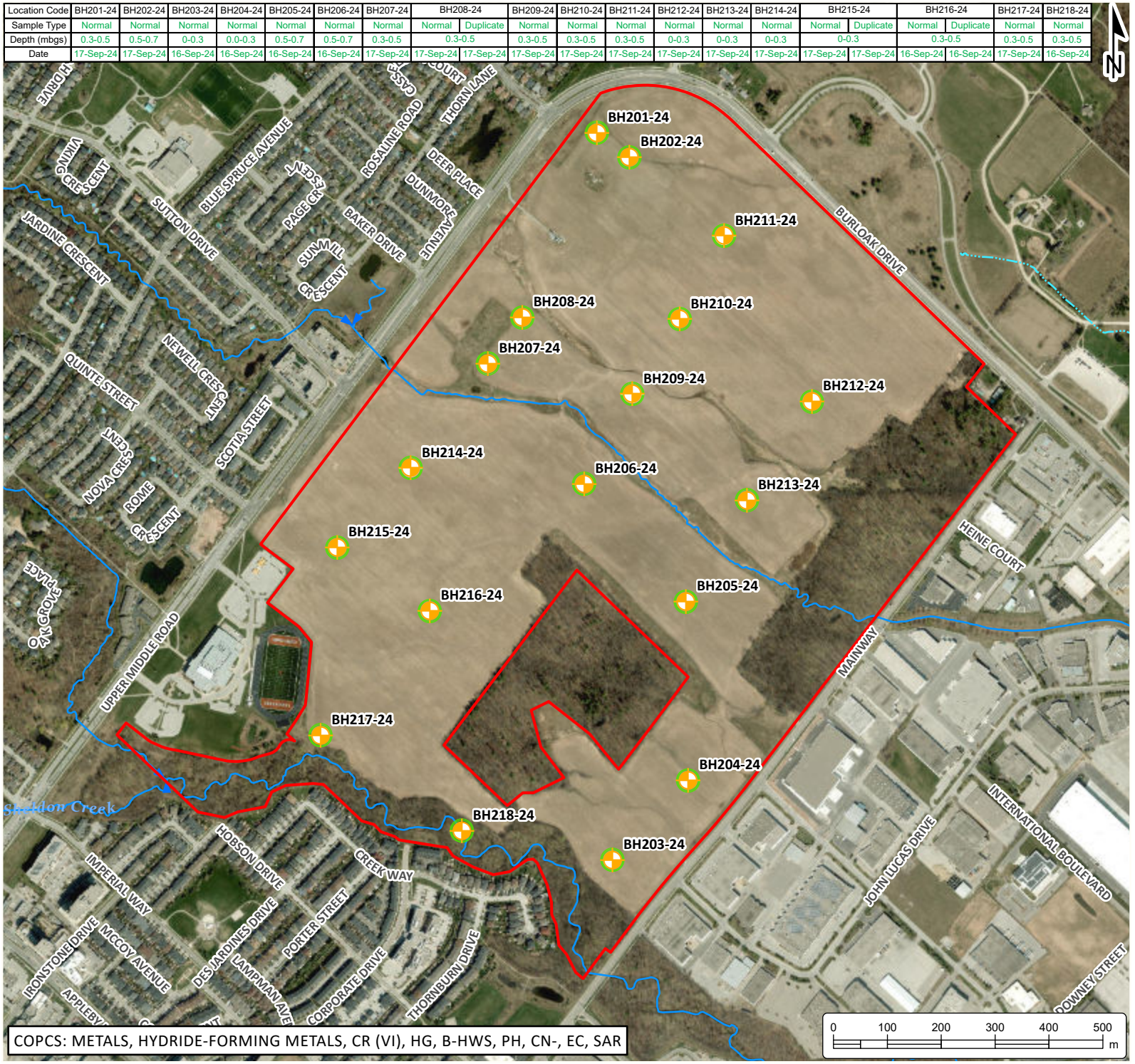
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SOIL QUALITY PAHs

Project No.: 21199-001		Date: October 2024	
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Location Code	BH201-24	BH202-24	BH203-24	BH204-24	BH205-24	BH206-24	BH207-24	BH208-24		BH209-24	BH210-24	BH211-24	BH212-24	BH213-24	BH214-24	BH215-24		BH216-24		BH217-24	BH218-24
Sample Type	Normal	Normal	Normal	Normal	Normal	Normal	Normal	Normal	Duplicate	Normal	Normal	Normal	Normal	Normal	Normal	Normal	Duplicate	Normal	Duplicate	Normal	Normal
Depth (mbgs)	0.3-0.5	0.5-0.7	0-0.3	0.0-0.3	0.5-0.7	0.5-0.7	0.3-0.5	0.3-0.5		0.3-0.5	0.3-0.5	0.3-0.5	0-0.3	0-0.3	0-0.3	0-0.3		0.3-0.5		0.3-0.5	0.3-0.5
Date	17-Sep-24	17-Sep-24	16-Sep-24	16-Sep-24	16-Sep-24	16-Sep-24	17-Sep-24	17-Sep-24	17-Sep-24	17-Sep-24	17-Sep-24	17-Sep-24	17-Sep-24	17-Sep-24	17-Sep-24	17-Sep-24	17-Sep-24	16-Sep-24	16-Sep-24	17-Sep-24	16-Sep-24



COPCS: METALS, HYDRIDE-FORMING METALS, CR (VI), HG, B-HWS, PH, CN-, EC, SAR

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PHASE TWO ENVIRONMENTAL SITE ASSESSMENT

ALINEA LAND CORPORATION
Bronte Creek Meadows
Burlington, Ontario

LEGEND

- Borehole
- Meets Table 1 RPI
- Exceeds Table 1 RPI
- Watercourse, Permanent
- Watercourse, Intermittent
- Site (approximate)

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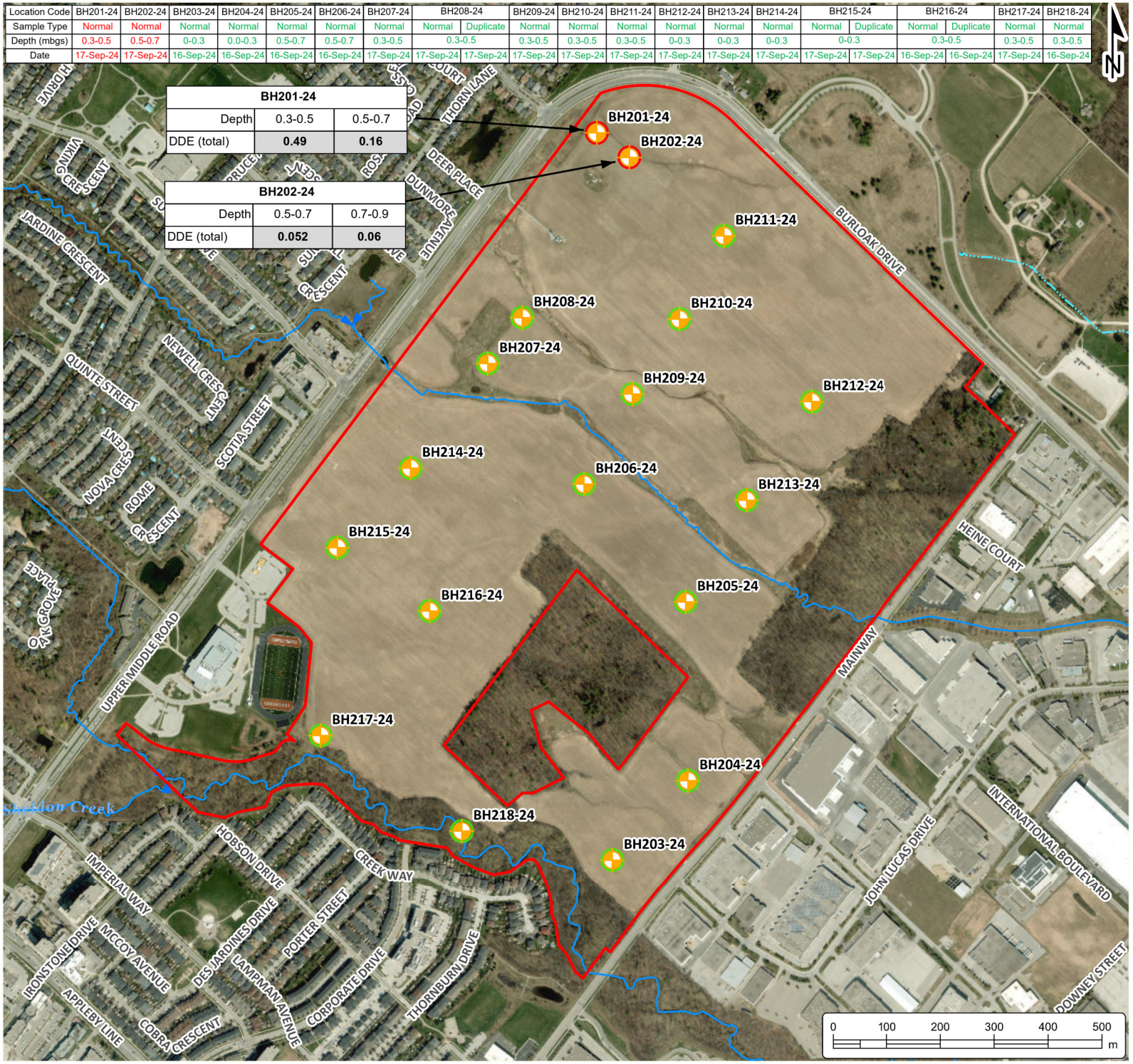
SOIL QUALITY METALS AND ORPs

Project No.:	21199-001	Date:	October 2024
		Rev.:	
Scale:	1:10,000	Projection:	NAD 1983 UTM Zone 17N
Created by:	TLC	Checked by:	MS
Figure:	8		

Location Code	BH201-24	BH202-24	BH203-24	BH204-24	BH205-24	BH206-24	BH207-24	BH208-24		BH209-24	BH210-24	BH211-24	BH212-24	BH213-24	BH214-24	BH215-24		BH216-24		BH217-24	BH218-24
Sample Type	Normal	Normal	Normal	Normal	Normal	Normal	Normal	Normal	Duplicate	Normal	Normal	Normal	Normal	Normal	Normal	Normal	Duplicate	Normal	Duplicate	Normal	Normal
Depth (mbgs)	0.3-0.5	0.5-0.7	0-0.3	0.0-0.3	0.5-0.7	0.5-0.7	0.3-0.5	0.3-0.5		0.3-0.5	0.3-0.5	0.3-0.5	0-0.3	0-0.3	0-0.3	0-0.3		0.3-0.5		0.3-0.5	0.3-0.5
Date	17-Sep-24	17-Sep-24	16-Sep-24	16-Sep-24	16-Sep-24	16-Sep-24	17-Sep-24	17-Sep-24	17-Sep-24	17-Sep-24	17-Sep-24	17-Sep-24	17-Sep-24	17-Sep-24	17-Sep-24	17-Sep-24	17-Sep-24	16-Sep-24	16-Sep-24	17-Sep-24	16-Sep-24

BH201-24		
Depth	0.3-0.5	0.5-0.7
DDE (total)	**0.49**	**0.16**

BH202-24		
Depth	0.5-0.7	0.7-0.9
DDE (total)	**0.052**	**0.06**



PHASE TWO ENVIRONMENTAL SITE ASSESSMENT

ALINEA LAND CORPORATION
Bronte Creek Meadows
Burlington, Ontario

LEGEND

- Borehole
- Meets Table 1 RPI
- Exceeds Table 1 RPI
- Watercourse, Permanent
- Watercourse, Intermittent
- Site (approximate)

Contaminant	Table 1, RPI
DDE (total)	0.05

Table 1 (RPI Property Use, Coarse Texture)

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SOIL QUALITY OC PESTICIDES

Project No.:	Date:
21199-001	December 2024
	Rev.:
Scale:	Projection:
1:10,000	NAD 1983 UTM Zone 17N
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	Figure: 9

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Appended Tables

Table 1 - Table of Potentially Contaminating Activities

PCA ID #	Potentially Contaminating Activity[1]	Location of PCA	PCA Description	APEC[2] (Yes/No)
PCA 1	#30 - Importation of Fill Material of Unknown Quality	**On-site:** across the Phase One Property in various locations identified in a previous geotechnical investigation and based on the historical presence of two residential dwellings	Imported fill material	Yes
PCA 2	#40 - Pesticides (including Herbicides, Fungicides and Anti-Fouling Agents) Manufacturing, Processing, Bulk Storage and Large-Scale Applications	**On-site:** north portion of the Phase One Property	An inferred orchard was observed in the north portion of the Phase One Property in the 1934, 1954 and 1964 aerial photographs.	Yes
PCA 3	#40 - Pesticides (including Herbicides, Fungicides and Anti-Fouling Agents) Manufacturing, Processing, Bulk Storage and Large-Scale Applications	**On-site:** northwest portion of the Phase One Property	An inferred orchard was observed in the north portion of the Phase One Property in the 1934, 1954 and 1964 aerial photographs.	Yes
PCA 4	#40 - Pesticides (including Herbicides, Fungicides and Anti-Fouling Agents) Manufacturing, Processing, Bulk Storage and Large-Scale Applications	**On-site:** across the Phase One Property, excluding the forested portions and Sheldon Creek	Agricultural row crops have been grown on the Phase One Property since at least 1934, based on the aerial photograph review.	Yes
PCA 5	#55 - Transformer Manufacturing, Processing and Use	**Off-site:** 5510 and 5540 Mainway	Two oil-cooled transformers were observed at this property.	No

PCA ID #	Potentially Contaminating Activity[1]	Location of PCA	PCA Description	APEC[2] (Yes/No)
		30 m southeast (down-gradient)		
PCA 6	#28 - Gasoline and Associated Products Storage in Fixed Tanks	**Off-site:** 5600 Mainway 30 m southeast (down-gradient)	An RFO has operated at this property since about 2006. Five USTs are located approximately 75 m southeast of the Site.	No
PCA 7	#8 - Chemical Manufacturing, Processing and Bulk Storage	**Off-site:** 5480 Mainway 30 m southeast (down-gradient)	Bioshop Canada Inc. was listed in the Chemical Register as a distributor of chemicals.	No
PCA 8	Not Applicable - hazardous waste generation	**Off-site:** 5450 Mainway 30 m southeast (down-gradient)	Waste generation of petroleum distillates, aromatic solvents, paint / pigment / coating residues, and organic laboratory chemicals.	No
PCA 9	Not Applicable - spill	**Off-site:** 5420 Mainway 30 m southeast (down-gradient)	An estimated 40 L spill of hydraulic oil was reported at this property in 2010.	No
PCA 10	Not Applicable - hazardous waste generation	**Off-site:** 5250 Mainway 30 m southeast (down-gradient)	Waste generation of oil skimmings and sludges, petroleum distillates, inorganic laboratory chemicals and organic laboratory chemicals.	No
PCA 11	#43 - Plastics (including Fiberglass) Manufacturing and Processing	**Off-site:** 5330 Mainway 30 m southeast (down-gradient)	A plastic manufacturer was identified at this property. Waste generation of aliphatic solvents and waste oils and lubricants were also reported for the plastic manufacturer.	No
PCA 12	#34 - Metal Fabrication	**Off-site:** 5300 Mainway 30 m southeast (down-gradient)	A machine shop was identified at this property. Waste generation of petroleum distillates, and transfer station oil wastes were also reported	No

PCA ID #	Potentially Contaminating Activity[1]	Location of PCA	PCA Description	APEC[2] (Yes/No)
			for this property, associated with the machine shop.	
PCA 13	Not Applicable - hazardous waste generation	**Off-site:** 5300 Mainway 30 m southeast (down-gradient)	Waste generation of oil skimmings and sludges.	No
PCA 14	#34 - Metal Fabrication	**Off-site:** 5200 Mainway 30 m southeast (down-gradient)	A machine shop was identified at this property. Waste generation of waste oils and lubricants, alkaline wastes – other metals, paint / pigment / coating residues, petroleum distillates, light fuels, and emulsified oils were also reported for this property, associated with the machine shop.	No
PCA 15	#8 - Chemical Manufacturing, Processing and Bulk Storage	**Off-site:** 1350 Heine Court 115 m southeast (down-gradient)	Normac Adhesive Products Inc was listed in the Chemical Register as a distributor of chemicals. Waste generation of aliphatic solvents, oil skimmings and sludges, waste oils and lubricants, polymeric resins, paint / pigment / coating residues, and petroleum distillates, associated with the chemical bulk storage operation.	No
PCA 16	Not Applicable - spill	**Off-site:** 1330 Heine Court 115 m southeast (down-gradient)	A 100 L diesel spill was reported at this property in 2021.	No
PCA 17	Not Applicable - spill	**Off-site:** 1220 Burloak Drive 220 m southeast (down-gradient)	A 350 L transformer oil spill was reported at this property in 2013.	No

PCA ID #	Potentially Contaminating Activity[1]	Location of PCA	PCA Description	APEC[2] (Yes/No)
PCA 18	Not Applicable - hazardous waste generation	**Off-site:** 1220 Burloak Drive 220 m southeast (down-gradient)	Waste generation of oil skimmings and sludges.	No
PCA 19	Not Applicable - hazardous waste generation	**Off-site:** 1325-1329 Heine Court 175 m southeast (down-gradient)	Waste generation of emulsified oils, paints / pigments / coating wastes, detergents and soaps and inorganic laboratory chemicals.	No
PCA 20	#8 - Chemical Manufacturing, Processing and Bulk Storage	**Off-site:** 5275 John Lucas Drive 135 m southeast (down-gradient)	Controlchem Canada was listed in the Chemical Register for bulk storage of chemicals. Waste generation of acid wastes – other metals and oil skimmings and sludges was also reported for the chemical operation.	No
PCA 21	#43 - Plastics (including Fiberglass) Manufacturing and Processing	**Off-site:** 5150 Mainway 30 m southeast (down-gradient)	A plastic bottle manufacturer was identified at this property.	No
PCA 22	Not Applicable - hazardous waste generation	**Off-site:** 5150 Mainway 30 m southeast (down-gradient)	Waste generation of graphic art wastes, paint / pigment / coating residues, and oil skimmings and sludges.	No
PCA 23	#34 - Metal Fabrication	**Off-site:** 5280 John Lucas Drive 185 m southeast (down-gradient)	Frost Products Limited was identified as a metal fabricator of metal shelves, lockers and partitions at this property.	No
PCA 24	Not Applicable - hazardous waste generation	**Off-site:** 5280 John Lucas Drive	Waste generation of organic laboratory chemicals, alkaline wastes – other metals, inorganic laboratory chemicals, wastes oils and lubricants, waste compressed gases, acid	No

PCA ID #	Potentially Contaminating Activity[1]	Location of PCA	PCA Description	APEC[2] (Yes/No)
		185 m southeast (down-gradient)	wastes – other metals, and paint / pigment / coating residues was also reported at this property.	
PCA 25	#54 - Textile Manufacturing and Processing	**Off-site:** 5295 John Lucas Drive 185 m southeast (down-gradient)	Natrix Separations Inc., a fabric coating manufacturer, was identified at this property.	No
PCA 26	#50 - Soap and Detergent Manufacturing, Processing and Bulk Storage	**Off-site:** 5295 John Lucas Drive 185 m southeast (down-gradient)	Willard Manufacturing, a soap and cleaning compound manufacturer, was identified at this property.	No
PCA 27	#43 - Plastics (including Fiberglass) Manufacturing and Processing	**Off-site:** 5295 John Lucas Drive 185 m southeast (down-gradient)	RAMPF Composite Solutions, a manufacturer of carbon fibre and fibreglass composites, was identified at this property.	No
PCA 28	Not Applicable - hazardous waste generation	**Off-site:** 5295 John Lucas Drive 185 m southeast (down-gradient)	Waste generation of waste oils and lubricants and oil skimmings and sludges.	No
PCA 29	Not Applicable - hazardous waste generation	**Off-site:** 1330 Sutton Drive 125 m southeast (down-gradient)	Waste generation of oil skimmings and sludges, petroleum distillates and emulsified oils.	No
PCA 30	Not Applicable - hazardous waste generation	**Off-site:** 5305 John Lucas Drive 185 m southeast (down-gradient)	Waste generation of halogenated solvents, aliphatic solvents, paint / pigment / coating residues, emulsified oils, petroleum distillates, and waste oils and lubricants.	No

PCA ID #	Potentially Contaminating Activity[1]	Location of PCA	PCA Description	APEC[2] (Yes/No)
PCA 31	#34 - Metal Fabrication	**Off-site:** 5305 John Lucas Drive 185 m southeast (down-gradient)	Applus RTD Canada, a metal fabrication operation, was identified at this property.	No
PCA 32	Not Applicable - hazardous waste generation	**Off-site:** 5335 John Lucas Drive 185 m southeast (down-gradient)	Waste generation of aliphatic solvents, petroleum distillates, waste oils and lubricants, and oil skimmings and sludges.	No
PCA 33	Not Applicable - hazardous waste generation	**Off-site:** 1200 Burloak Drive 230 m southeast (down-gradient)	Waste generation of petroleum distillates, oil skimmings and sludges, waste oils and lubricants and other specified inorganics.	No
PCA 34	Not Applicable - hazardous waste generation	**Off-site:** 1320 Heine Court 195 m southeast (down-gradient)	Waste generation of petroleum distillates and waste oils and lubricants.	No

Notes:
1 - Potentially Contaminating Activity means a use or activity set out in Column A of Table 2 of Schedule D that is occurring or has occurred in a phase one study area
2 - Area of Potential Environmental Concern means the area on, in or under a phase one property where one or more contaminants are potentially present, as determined through the phase one environmental site assessment, including through,
(a) identification of past or present uses on, in or under the phase one property, and
(b) identification of potentially contaminating activity.

Table 2 – Table of Areas of Potential Environmental Concern

APEC[1]	Location of APEC on the Phase One Property	PCA[2]		Location of PCA (on-site or off-site)	Contaminants of Potential Concern[3]	Media Potentially Impacted (ground water, soil, and/or sediment)
APEC 1	North, central and southeast portions of the Phase One Property	1	#30 - Importation of Fill Material of Unknown Quality	**On-site:** north, central, and southeast portions of Phase One Property	PHCs, VOCs, PAHs, metals, As, Sb, Se, EC, SAR, B-HWS, CN-, Hg, CrVI	Soil
APEC 2	North portion of the Phase One Property (former orchard)	2	#40 - Pesticides (including Herbicides, Fungicides and Anti-Fouling Agents) Manufacturing, Processing, Bulk Storage and Large-Scale Applications	**On-site:** north portion of Phase One Property	OCPs, metals, As, Sb, Se, B-HWS, CN-, Hg, CrVI	Soil
APEC 3	Northwest portion of the Phase One Property	3	#40 - Pesticides (including Herbicides, Fungicides and Anti-Fouling Agents) Manufacturing, Processing, Bulk Storage and Large-Scale Applications	**On-site:** northwest portion of Phase One Property	OCPs, metals, As, Sb, Se, B-HWS, CN-, Hg, CrVI	Soil
APEC 4	Former agricultural portions of the Phase One Property (majority of Site)	4	#40 - Pesticides (including Herbicides, Fungicides and Anti-Fouling Agents) Manufacturing, Processing, Bulk Storage and Large-Scale Applications	**On-site:** Majority of the Phase One Property	OCPs, metals, As, Sb, Se, B-HWS, CN-, Hg, CrVI	Soil

Notes

1 - Area of Potential Environmental Concern means the area on, in or under a phase one property where one or more contaminants are potentially present, as determined through the phase one environmental site assessment, including through,

(a) identification of past or present uses on, in or under the phase one property, and
(b) identification of potentially contaminating activity.

2 - Potentially Contaminating Activity means a use or activity set out in Column A of Table 2 of Schedule D that is occurring or has occurred in a phase one study area

3 - when completing this column, identify all contaminants of potential concern using the Method Groups as identified in the "Protocol for in the Assessment of Properties under Part XV.1 of the Environmental Protection Act, March 9, 2004, amended as of July 1, 2011, as specified below:

ABNs	*PCBs*	*Metals*	*Electrical Conductivity*	*SAR*
CPs	*PAHs*	*As, Sb, Se*	*Cr (VI)*	
1,4-Dioxane	*THMs*	*Na*	*Hg*	
Dioxins/Furans, PCDDs/PCDFs	*VOCs*	*B-HWS*	*Methyl Mercury*	
OCs	*BTEX*	*Cl-*	*high pH*	
PHCs	*Ca, Mg*	*CN-*	*low pH*	

Table 3 - Soil Quality

Sample Location	Units	RDL	Table 1 RPIICC	BH201-24		BH202-24		BH203-24	BH204-24	BH205-24	BH206-24	BH207-24
Sample ID				BH201-24_0.3-0.5	BH201-24_0.5-0.7	BH202-24_0.5-0.7	BH202-24_0.7-0.9	BH203-24_0-0.3	BH204-24_0.0-0.3	BH205-24_0.5-0.7	BH206-24_0.5-0.7	BH207-24_0.3-0.5
Sample Date (dd-mmm-yy)				17-Sep-24	17-Sep-24	17-Sep-24	17-Sep-24	16-Sep-24	16-Sep-24	16-Sep-24	16-Sep-24	17-Sep-24
Sample Depth (mbgs)				0.3-0.5	0.5-0.7	0.5-0.7	0.7-0.9	0-0.3	0.0-0.3	0.5-0.7	0.5-0.7	0.3-0.5
Petroleum Hydrocarbons (PHCs)												
F1 (C6-C10)	µg/g	10	25	<10	-	<10	-	-	-	<10	<10	<10
F2 (C10-C16)	µg/g	7	10	<7.0	-	<7.0	-	-	-	<7.0	<7.0	<7.0
F3 (C16-C34)	µg/g	50	240	<50	-	<50	-	-	-	<50	<50	<50
F4 (C34-C50)	µg/g	50	120	<50	-	<50	-	-	-	<50	<50	<50
Volatile Organic Compounds (VOCs)												
Acetone	µg/g	0.49	0.5	<0.49	-	<0.49	-	-	-	<0.49	<0.49	<0.49
Benzene	µg/g	0.006	0.02	<0.0060	-	<0.0060	-	-	-	<0.0060	<0.0060	<0.0060
Bromodichloromethane	µg/g	0.04	0.05	<0.040	-	<0.040	-	-	-	<0.040	<0.040	<0.040
Bromoform	µg/g	0.04	0.05	<0.040	-	<0.040	-	-	-	<0.040	<0.040	<0.040
Bromomethane	µg/g	0.04	0.05	<0.040	-	<0.040	-	-	-	<0.040	<0.040	<0.040
Carbon Tetrachloride	µg/g	0.04	0.05	<0.040	-	<0.040	-	-	-	<0.040	<0.040	<0.040
Chlorobenzene	µg/g	0.04	0.05	<0.040	-	<0.040	-	-	-	<0.040	<0.040	<0.040
Chloroform	µg/g	0.04	0.05	<0.040	-	<0.040	-	-	-	<0.040	<0.040	<0.040
Dibromochloromethane	µg/g	0.04	0.05	<0.040	-	<0.040	-	-	-	<0.040	<0.040	<0.040
1,2-Dichlorobenzene	µg/g	0.04	0.05	<0.040	-	<0.040	-	-	-	<0.040	<0.040	<0.040
1,3-Dichlorobenzene	µg/g	0.04	0.05	<0.040	-	<0.040	-	-	-	<0.040	<0.040	<0.040
1,4-Dichlorobenzene	µg/g	0.04	0.05	<0.040	-	<0.040	-	-	-	<0.040	<0.040	<0.040
1,1-Dichloroethane	µg/g	0.04	0.05	<0.040	-	<0.040	-	-	-	<0.040	<0.040	<0.040
1,2-Dichloroethane	µg/g	0.049	0.05	<0.049	-	<0.049	-	-	-	<0.049	<0.049	<0.049
1,1-Dichloroethylene	µg/g	0.04	0.05	<0.040	-	<0.040	-	-	-	<0.040	<0.040	<0.040
Cis-1,2-Dichloroethylene	µg/g	0.04	0.05	<0.040	-	<0.040	-	-	-	<0.040	<0.040	<0.040
Trans-1,2-Dichloroethylene	µg/g	0.04	0.05	<0.040	-	<0.040	-	-	-	<0.040	<0.040	<0.040
1,2-Dichloropropane	µg/g	0.04	0.05	<0.040	-	<0.040	-	-	-	<0.040	<0.040	<0.040
Cis-1,3-Dichloropropylene	#N/A	0.03	#N/A	<0.030	-	<0.030	-	-	-	<0.030	<0.030	<0.030
Trans-1,3-Dichloropropylene	#N/A	0.04	#N/A	<0.040	-	<0.040	-	-	-	<0.040	<0.040	<0.040
Ethylbenzene	µg/g	0.01	0.05	<0.010	-	<0.010	-	-	-	<0.010	<0.010	<0.010
Ethylene Dibromide	µg/g	0.04	0.05	<0.040	-	<0.040	-	-	-	<0.040	<0.040	<0.040
Methyl Ethyl Ketone	µg/g	0.4	0.5	<0.40	-	<0.40	-	-	-	<0.40	<0.40	<0.40
Methylene Chloride	µg/g	0.049	0.05	<0.049	-	<0.049	-	-	-	<0.049	<0.049	<0.049
Methyl Isobutyl Ketone	µg/g	0.4	0.5	<0.40	-	<0.40	-	-	-	<0.40	<0.40	<0.40
Methyl-t-Butyl Ether	µg/g	0.04	0.05	<0.040	-	<0.040	-	-	-	<0.040	<0.040	<0.040
Styrene	µg/g	0.04	0.05	<0.040	-	<0.040	-	-	-	<0.040	<0.040	<0.040
1,1,1,2-Tetrachloroethane	µg/g	0.04	0.05	<0.040	-	<0.040	-	-	-	<0.040	<0.040	<0.040
1,1,2,2-Tetrachloroethane	µg/g	0.04	0.05	<0.040	-	<0.040	-	-	-	<0.040	<0.040	<0.040
Toluene	µg/g	0.02	0.2	<0.020	-	<0.020	-	-	-	<0.020	<0.020	<0.020
Tetrachloroethylene	µg/g	0.04	0.05	<0.040	-	<0.040	-	-	-	<0.040	<0.040	<0.040
1,1,1-Trichloroethane	µg/g	0.04	0.05	<0.040	-	<0.040	-	-	-	<0.040	<0.040	<0.040
1,1,2-Trichloroethane	µg/g	0.04	0.05	<0.040	-	<0.040	-	-	-	<0.040	<0.040	<0.040
Trichloroethylene	µg/g	0.01	0.05	<0.010	-	<0.010	-	-	-	<0.010	<0.010	<0.010
Vinyl Chloride	µg/g	0.019	0.02	<0.019	-	<0.019	-	-	-	<0.019	<0.019	<0.019
m-Xylene & p-Xylene	#N/A	0.02	#N/A	<0.020	-	<0.020	-	-	-	<0.020	<0.020	<0.020
o-Xylene	µg/g	0.02	NV	<0.020	-	<0.020	-	-	-	<0.020	<0.020	<0.020
Total Xylenes	µg/g	0.02	0.05	<0.020	-	<0.020	-	-	-	<0.020	<0.020	<0.020
Dichlorodifluoromethane	µg/g	0.04	0.05	<0.040	-	<0.040	-	-	-	<0.040	<0.040	<0.040
Dioxane, 1,4-	µg/g	-	0.2	-	-	-	-	-	-	-	-	-
Hexane	µg/g	0.04	0.05	<0.040	-	<0.040	-	-	-	<0.040	<0.040	<0.040
Trichlorofluoromethane	µg/g	0.04	0.25	<0.040	-	<0.040	-	-	-	<0.040	<0.040	<0.040
1,3-Dichloropropene	µg/g	0.05	0.05	<0.050	-	<0.050	-	-	-	<0.050	<0.050	<0.050
Polycyclic Aromatic Hydrocarbons (PAHs)												
Acenaphthene	µg/g	0.005	0.072	<0.0050	-	<0.0050	-	-	-	<0.0050	<0.0050	<0.0050
Acenaphthylene	µg/g	0.005	0.093	<0.0050	-	<0.0050	-	-	-	<0.0050	<0.0050	<0.0050
Anthracene	µg/g	0.005	0.16	<0.0050	-	<0.0050	-	-	-	<0.0050	<0.0050	<0.0050
Benzo(a)anthracene	µg/g	0.005	0.36	<0.0050	-	<0.0050	-	-	-	<0.0050	<0.0050	<0.0050
Benzo(a)pyrene	µg/g	0.005	0.3	<0.0050	-	<0.0050	-	-	-	<0.0050	<0.0050	<0.0050
Benzo(b/j)fluoranthene	#N/A	0.005	#N/A	<0.0050	-	<0.0050	-	-	-	<0.0050	<0.0050	<0.0050
Benzo(ghi)perylene	µg/g	0.005	0.68	<0.0050	-	<0.0050	-	-	-	<0.0050	<0.0050	<0.0050
Benzo(k)fluoranthene	µg/g	0.005	0.48	<0.0050	-	<0.0050	-	-	-	<0.0050	<0.0050	<0.0050
Chrysene	µg/g	0.005	2.8	<0.0050	-	<0.0050	-	-	-	<0.0050	<0.0050	<0.0050
Dibenzo(a,h)anthracene	µg/g	0.005	0.1	<0.0050	-	<0.0050	-	-	-	<0.0050	<0.0050	<0.0050
Fluoranthene	µg/g	0.005	0.56	<0.0050	-	<0.0050	-	-	-	<0.0050	<0.0050	<0.0050
Fluorene	µg/g	0.005	0.12	<0.0050	-	<0.0050	-	-	-	<0.0050	<0.0050	<0.0050
Indeno(1,2,3-cd)pyrene	µg/g	0.005	0.23	<0.0050	-	<0.0050	-	-	-	<0.0050	<0.0050	<0.0050
1-Methylnaphthalene (SEE FOOTNOTE	#N/A	0.005	#N/A	<0.0050	-	<0.0050	-	-	-	<0.0050	<0.0050	<0.0050
2-Methylnaphthalene (SEE FOOTNOTE	#N/A	0.005	#N/A	<0.0050	-	<0.0050	-	-	-	<0.0050	<0.0050	<0.0050
Naphthalene	µg/g	0.005	0.09	<0.0050	-	<0.0050	-	-	-	<0.0050	<0.0050	<0.0050
Phenanthrene	µg/g	0.005	0.69	<0.0050	-	<0.0050	-	-	-	<0.0050	<0.0050	<0.0050
Pyrene	µg/g	0.005	1	<0.0050	-	<0.0050	-	-	-	<0.0050	<0.0050	<0.0050
Methylnaphthalene, 2-(1-)	µg/g	0.0071	0.59	<0.0071	-	<0.0071	-	-	-	<0.0071	<0.0071	<0.0071
Organochlorine Pesticides (OCPs)												
Aldrin	µg/g	0.002	0.05	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020
Chlordane (alpha)	#N/A	0.002	#N/A	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020
Chlordane (gamma)	#N/A	0.002	#N/A	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020
Chlordane (total)	µg/g	0.002	0.05	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020
o,p DDD	#N/A	0.002	#N/A	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020
p,p-DDD	#N/A	0.002	#N/A	0.0095	0.0022	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020
DDD (total)	µg/g	0.002	0.05	0.0095	0.0022	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020
o,p DDE	#N/A	0.002	#N/A	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020
p,p-DDE	#N/A	0.002	#N/A	0.49	0.16	0.052	0.06	0.0085	<0.0020	<0.0020	<0.0020	<0.0020
DDE (total)	µg/g	0.002	0.05	**0.49**	**0.16**	**0.052**	**0.060**	0.0085	<0.0020	<0.0020	<0.0020	<0.0020
op-DDT	#N/A	0.002	#N/A	0.0071	0.003	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020
pp-DDT	#N/A	0.002	#N/A	0.13	0.045	0.0088	0.011	0.0021	<0.0020	<0.0020	<0.0020	<0.0020
DDT (total)	µg/g	0.002	1.4	0.13	0.048	0.0088	0.011	0.0021	<0.0020	<0.0020	<0.0020	<0.0020
Dieldrin	µg/g	0.002	0.05	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020
Endosulphan I	#N/A	0.002	#N/A	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020
Endosulphan II	#N/A	0.002	#N/A	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020
Total Endosulphan	µg/g	0.002	0.04	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020
Endrin	µg/g	0.002	0.04	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020
Heptachlor	µg/g	0.002	0.05	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020
Heptachlor Epoxide	µg/g	0.002	0.05	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020
Lindane	µg/g	0.002	0.01	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020
Methoxychlor	µg/g	0.005	0.05	<0.010	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
Total PCB	µg/g	0.015	0.3	<0.015	<0.015	<0.015	<0.015	<0.015	<0.015	<0.015	<0.015	<0.015
Hexachlorobenzene	µg/g	0.002	0.01	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020
Hexachlorobutadiene	µg/g	0.002	0.01	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020
Hexachloroethane	µg/g	0.002	0.01	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020
Metals, Hydride-Forming Metals and Other Regulated Parameters (ORPs)												
Antimony	µg/g	0.2	1.3	0.36	-	<0.20	-	<0.20	0.21	<0.20	<0.20	0.25
Arsenic	µg/g	1	18	14	-	5.2	-	3.2	4.6	5.3	6.1	5.2
Barium	µg/g	0.5	220	140	-	57	-	72	120	110	120	130
Beryllium	µg/g	0.2	2.5	0.71	-	0.44	-	0.65	1	0.75	0.89	0.9
Boron (Hot Water Soluble)	µg/g	0.05	NV	0.22	-	0.054	-	0.21	0.2	0.075	0.053	0.14
Cadmium	µg/g	0.1	1.2	0.25	-	<0.10	-	0.21	0.33	0.11	0.14	0.14
Chromium	µg/g	1	70	22	-	14	-	19	29	21	25	24
Chromium VI	µg/g	0.18	0.66	<0.18	-	<0.18	-	0.19	<0.18	<0.18	0.19	<0.18
Cobalt	µg/g	0.1	21	11	-	8.4	-	8.6	13	13	14	15
Copper	µg/g	0.5	92	47	-	21	-	9.7	22	31	23	21
Lead	µg/g	1	120	44	-	13	-	15	17	15	14	17
Mercury	µg/g	0.05	0.27	0.097	-	<0.050	-	<0.050	<0.050	<0.050	<0.050	<0.050
Molybdenum	µg/g	0.5	2	0.62	-	<0.50	-	0.56	0.6	0.53	<0.50	0.68
Nickel	µg/g	0.5	82	26	-	17	-	17	28	28	30	31
Selenium	µg/g	0.5	1.5	<0.50	-	<0.50	-	<0.50	<0.50	<0.50	<0.50	<0.50
Silver	µg/g	0.2	0.5	<0.20	-	<0.20	-	<0.20	<0.20	<0.20	<0.20	<0.20
Thallium	µg/g	0.05	1	0.16	-	0.089	-	0.13	0.15	0.15	0.17	0.15
Vanadium	µg/g	5	86	32	-	23	-	30	36	29	35	35
Zinc	µg/g	5	290	75	-	44	-	62	77	64	71	71
pH	N/A		NV	6.92	-	7.62	-	4.31	5.08	7.59	7.57	7.59
Conductivity	mS/cm	0.002	0.57	0.17	-	0.2	-	0.086	0.057	0.25	0.19	0.18
Sodium Adsorption Ratio	N/A		2.4	0.27	-	0.24	-	0.42	0.51	0.24	0.24	0.25
Cyanide, Free	µg/g	0.01	0.051	<0.01	-	<0.01	-	<0.01	<0.01	<0.01	<0.01	<0.01
Chloride	µg/g	-	NV	-	-	-	-	-	-	-	-	-
Boron (Total)	µg/g	5	36	6.3	-	6.2	-	<5.0	10	10	11	15
Uranium	µg/g	0.05	2.5	0.79	-	0.5	-	0.58	0.86	0.75	0.57	0.56

Notes:
Table 1 Standards - Full Depth Background Site Condition Standards -Residential/Parkland/ Institutional/Industrial/Commercial/Community Property Use
Bold and shaded yellow - value exceeds Table 1 RPIICC
Bold and underline - RDL exceeds standard
N/A - not applicable
NC - The duplicate RPD was not calculated. One or both samples < 5x RDL.
NV - no value

Table 3 - Soil Quality

Sample Location	Units	RDL	Table 1 RPIICC	BH208-24		BH209-24	BH210-24	BH211-24	BH212-24	BH213-24
Sample ID				BH208-24_0.3-0.5	QA/QC3	BH209-24_0.3-0.5	BH210-24_0.3-0.5	BH211-24_0.3-0.5	BH212-24_0-0.3	BH213-24_0-0.3
Sample Date (dd-mmm-yy)				17-Sep-24	17-Sep-24	17-Sep-24	17-Sep-24	17-Sep-24	17-Sep-24	17-Sep-24
Sample Depth (mbgs)				0.3-0.5		0.3-0.5	0.3-0.5	0.3-0.5	0-0.3	0-0.3
Petroleum Hydrocarbons (PHCs)										
F1 (C6-C10)	µg/g	10	25	<10	<10	<10	<10	<10	-	-
F2 (C10-C16)	µg/g	7	10	<7.0	<7.0	<7.0	<7.0	<7.0	-	-
F3 (C16-C34)	µg/g	50	240	<50	<50	<50	<50	<50	-	-
F4 (C34-C50)	µg/g	50	120	<50	<50	<50	<50	<50	-	-
Volatile Organic Compounds (VOCs)										
Acetone	µg/g	0.49	0.5	<0.49	<0.49	<0.49	<0.49	<0.49	-	-
Benzene	µg/g	0.006	0.02	<0.0060	<0.0060	<0.0060	<0.0060	<0.0060	-	-
Bromodichloromethane	µg/g	0.04	0.05	<0.040	<0.040	<0.040	<0.040	<0.040	-	-
Bromoform	µg/g	0.04	0.05	<0.040	<0.040	<0.040	<0.040	<0.040	-	-
Bromomethane	µg/g	0.04	0.05	<0.040	<0.040	<0.040	<0.040	<0.040	-	-
Carbon Tetrachloride	µg/g	0.04	0.05	<0.040	<0.040	<0.040	<0.040	<0.040	-	-
Chlorobenzene	µg/g	0.04	0.05	<0.040	<0.040	<0.040	<0.040	<0.040	-	-
Chloroform	µg/g	0.04	0.05	<0.040	<0.040	<0.040	<0.040	<0.040	-	-
Dibromochloromethane	µg/g	0.04	0.05	<0.040	<0.040	<0.040	<0.040	<0.040	-	-
1,2-Dichlorobenzene	µg/g	0.04	0.05	<0.040	<0.040	<0.040	<0.040	<0.040	-	-
1,3-Dichlorobenzene	µg/g	0.04	0.05	<0.040	<0.040	<0.040	<0.040	<0.040	-	-
1,4-Dichlorobenzene	µg/g	0.04	0.05	<0.040	<0.040	<0.040	<0.040	<0.040	-	-
1,1-Dichloroethane	µg/g	0.04	0.05	<0.040	<0.040	<0.040	<0.040	<0.040	-	-
1,2-Dichloroethane	µg/g	0.049	0.05	<0.049	<0.049	<0.049	<0.049	<0.049	-	-
1,1-Dichloroethylene	µg/g	0.04	0.05	<0.040	<0.040	<0.040	<0.040	<0.040	-	-
Cis-1,2-Dichloroethylene	µg/g	0.04	0.05	<0.040	<0.040	<0.040	<0.040	<0.040	-	-
Trans-1,2-Dichloroethylene	µg/g	0.04	0.05	<0.040	<0.040	<0.040	<0.040	<0.040	-	-
1,2-Dichloropropane	µg/g	0.04	0.05	<0.040	<0.040	<0.040	<0.040	<0.040	-	-
Cis-1,3-Dichloropropylene	#N/A	0.03	#N/A	<0.030	<0.030	<0.030	<0.030	<0.030	-	-
Trans-1,3-Dichloropropylene	#N/A	0.04	#N/A	<0.040	<0.040	<0.040	<0.040	<0.040	-	-
Ethylbenzene	µg/g	0.01	0.05	<0.010	<0.010	<0.010	<0.010	<0.010	-	-
Ethylene Dibromide	µg/g	0.04	0.05	<0.040	<0.040	<0.040	<0.040	<0.040	-	-
Methyl Ethyl Ketone	µg/g	0.4	0.5	<0.40	<0.40	<0.40	<0.40	<0.40	-	-
Methylene Chloride	µg/g	0.049	0.05	<0.049	<0.049	<0.049	<0.049	<0.049	-	-
Methyl Isobutyl Ketone	µg/g	0.4	0.5	<0.40	<0.40	<0.40	<0.40	<0.40	-	-
Methyl-t-Butyl Ether	µg/g	0.04	0.05	<0.040	<0.040	<0.040	<0.040	<0.040	-	-
Styrene	µg/g	0.04	0.05	<0.040	<0.040	<0.040	<0.040	<0.040	-	-
1,1,1,2-Tetrachloroethane	µg/g	0.04	0.05	<0.040	<0.040	<0.040	<0.040	<0.040	-	-
1,1,2,2-Tetrachloroethane	µg/g	0.04	0.05	<0.040	<0.040	<0.040	<0.040	<0.040	-	-
Toluene	µg/g	0.02	0.2	<0.020	<0.020	<0.020	<0.020	<0.020	-	-
Tetrachloroethylene	µg/g	0.04	0.05	<0.040	<0.040	<0.040	<0.040	<0.040	-	-
1,1,1-Trichloroethane	µg/g	0.04	0.05	<0.040	<0.040	<0.040	<0.040	<0.040	-	-
1,1,2-Trichloroethane	µg/g	0.04	0.05	<0.040	<0.040	<0.040	<0.040	<0.040	-	-
Trichloroethylene	µg/g	0.01	0.05	<0.010	<0.010	<0.010	<0.010	<0.010	-	-
Vinyl Chloride	µg/g	0.019	0.02	<0.019	<0.019	<0.019	<0.019	<0.019	-	-
m-Xylene & p-Xylene	#N/A	0.02	#N/A	<0.020	<0.020	<0.020	<0.020	<0.020	-	-
o-Xylene	µg/g	0.02	NV	<0.020	<0.020	<0.020	<0.020	<0.020	-	-
Total Xylenes	µg/g	0.02	0.05	<0.020	<0.020	<0.020	<0.020	<0.020	-	-
Dichlorodifluoromethane	µg/g	0.04	0.05	<0.040	<0.040	<0.040	<0.040	<0.040	-	-
Dioxane, 1,4-	µg/g	-	0.2	-	-	-	-	-	-	-
Hexane	µg/g	0.04	0.05	<0.040	<0.040	<0.040	<0.040	<0.040	-	-
Trichlorofluoromethane	µg/g	0.04	0.25	<0.040	<0.040	<0.040	<0.040	<0.040	-	-
1,3-Dichloropropene	µg/g	0.05	0.05	<0.050	<0.050	<0.050	<0.050	<0.050	-	-
Polycyclic Aromatic Hydrocarbons (PAHs)										
Acenaphthene	µg/g	0.005	0.072	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	-
Acenaphthylene	µg/g	0.005	0.093	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	-
Anthracene	µg/g	0.005	0.16	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	-
Benzo(a)anthracene	µg/g	0.005	0.36	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	-
Benzo(a)pyrene	µg/g	0.005	0.3	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	-
Benzo(b/j)fluoranthene	#N/A	0.005	#N/A	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	-
Benzo(ghi)perylene	µg/g	0.005	0.68	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	-
Benzo(k)fluoranthene	µg/g	0.005	0.48	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	-
Chrysene	µg/g	0.005	2.8	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	-
Dibenzo(a,h)anthracene	µg/g	0.005	0.1	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	-
Fluoranthene	µg/g	0.005	0.56	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	-
Fluorene	µg/g	0.005	0.12	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	-
Indeno(1,2,3-cd)pyrene	µg/g	0.005	0.23	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	-
1-Methylnaphthalene (SEE FOOTNOTE	#N/A	0.005	#N/A	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	-
2-Methylnaphthalene (SEE FOOTNOTE	#N/A	0.005	#N/A	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	-
Naphthalene	µg/g	0.005	0.09	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	-
Phenanthrene	µg/g	0.005	0.69	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	-
Pyrene	µg/g	0.005	1	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	-	-
Methylnaphthalene, 2-(1-)	µg/g	0.0071	0.59	<0.0071	<0.0071	<0.0071	<0.0071	<0.0071	-	-
Organochlorine Pesticides (OCPs)										
Aldrin	µg/g	0.002	0.05	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020
Chlordane (alpha)	#N/A	0.002	#N/A	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020
Chlordane (gamma)	#N/A	0.002	#N/A	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020
Chlordane (total)	µg/g	0.002	0.05	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020
o,p DDD	#N/A	0.002	#N/A	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020
p,p-DDD	#N/A	0.002	#N/A	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020
DDD (total)	µg/g	0.002	0.05	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020
o,p DDE	#N/A	0.002	#N/A	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020
p,p-DDE	#N/A	0.002	#N/A	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020
DDE (total)	µg/g	0.002	0.05	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020
op-DDT	#N/A	0.002	#N/A	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020
pp-DDT	#N/A	0.002	#N/A	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020
DDT (total)	µg/g	0.002	1.4	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020
Dieldrin	µg/g	0.002	0.05	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020
Endosulphan I	#N/A	0.002	#N/A	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020
Endosulphan II	#N/A	0.002	#N/A	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020
Total Endosulphan	µg/g	0.002	0.04	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020
Endrin	µg/g	0.002	0.04	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020
Heptachlor	µg/g	0.002	0.05	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020
Heptachlor Epoxide	µg/g	0.002	0.05	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020
Lindane	µg/g	0.002	0.01	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020
Methoxychlor	µg/g	0.005	0.05	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
Total PCB	µg/g	0.015	0.3	<0.015	<0.015	<0.015	<0.015	<0.015	<0.015	<0.015
Hexachlorobenzene	µg/g	0.002	0.01	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020
Hexachlorobutadiene	µg/g	0.002	0.01	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020
Hexachloroethane	µg/g	0.002	0.01	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020
Metals, Hydride-Forming Metals and Other Regulated Parameters (ORPs)										
Antimony	µg/g	0.2	1.3	0.22	0.21	0.21	0.22	<0.20	0.25	<0.20
Arsenic	µg/g	1	18	4.8	4.8	5.2	4.6	4.5	4.5	5.6
Barium	µg/g	0.5	220	110	120	140	160	71	100	210
Beryllium	µg/g	0.2	2.5	0.88	1	0.98	0.84	0.73	0.9	1
Boron (Hot Water Soluble)	µg/g	0.05	NV	0.093	0.077	0.069	0.076	0.16	0.18	0.14
Cadmium	µg/g	0.1	1.2	0.14	0.18	0.15	0.14	0.11	0.12	0.23
Chromium	µg/g	1	70	24	26	26	22	22	26	27
Chromium VI	µg/g	0.18	0.66	<0.18	0.3	0.3	<0.18	0.33	0.18	0.27
Cobalt	µg/g	0.1	21	13	13	14	12	11	15	12
Copper	µg/g	0.5	92	24	25	24	20	26	17	19
Lead	µg/g	1	120	15	15	16	13	13	16	17
Mercury	µg/g	0.05	0.27	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050
Molybdenum	µg/g	0.5	2	<0.50	<0.50	<0.50	<0.50	<0.50	0.66	0.81
Nickel	µg/g	0.5	82	29	32	31	27	24	28	27
Selenium	µg/g	0.5	1.5	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
Silver	µg/g	0.2	0.5	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20
Thallium	µg/g	0.05	1	0.17	0.18	0.17	0.13	0.14	0.16	0.15
Vanadium	µg/g	5	86	34	37	37	31	32	38	41
Zinc	µg/g	5	290	66	71	72	56	57	74	71
pH	N/A		NV	7.55	7.44	7.55	7.61	7.29	5.77	6.92
Conductivity	mS/cm	0.002	0.57	0.23	0.26	0.2	0.17	0.17	0.075	0.2
Sodium Adsorption Ratio	N/A		2.4	0.22	0.21	0.24	0.26	0.25	0.42	0.36
Cyanide, Free	µg/g	0.01	0.051	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Chloride	µg/g	-	NV	-	-	-	-	-	-	-
Boron (Total)	µg/g	5	36	9.4	11	11	12	6.9	8.4	8.7
Uranium	µg/g	0.05	2.5	0.58	0.63	0.59	0.67	0.54	0.61	1.5

Notes:
Table 1 Standards - Full Depth Background Site Condition Standards -Residential/Parkland/ Institutional/Industrial/Commercial/Community Property Use
Bold and shaded yellow - value exceeds Table 1 RPIICC
Bold and underline - RDL exceeds standard
N/A - not applicable
NC - The duplicate RPD was not calculated. One or both samples < 5x RDL.
NV - no value

Table 3 - Soil Quality

Sample Location	Units	RDL	Table 1 RPIICC	BH214-24	BH215-24		BH216-24		BH217-24	BH218-24
Sample ID				BH214-24_0-0.3	BH215-24_0-0.3	QA/QC2	BH216-24_0.3-0.5	QA/QC1	BH217-24_0.3-0.5	BH218-24_0.3-0.5
Sample Date (dd-mmm-yy)				17-Sep-24	17-Sep-24	17-Sep-24	16-Sep-24	16-Sep-24	17-Sep-24	16-Sep-24
Sample Depth (mbgs)				0-0.3	0-0.3		0.3-0.5		0.3-0.5	0.3-0.5
Petroleum Hydrocarbons (PHCs)										
F1 (C6-C10)	µg/g	10	25	-	-	-	<10	<10	<10	<10
F2 (C10-C16)	µg/g	7	10	-	-	-	<7.0	<7.0	<7.0	<7.0
F3 (C16-C34)	µg/g	50	240	-	-	-	<50	<50	<50	<50
F4 (C34-C50)	µg/g	50	120	-	-	-	<50	<50	<50	<50
Volatile Organic Compounds (VOCs)										
Acetone	µg/g	0.49	0.5	-	-	-	<0.49	<0.49	<0.49	<0.49
Benzene	µg/g	0.006	0.02	-	-	-	<0.0060	<0.0060	<0.0060	<0.0060
Bromodichloromethane	µg/g	0.04	0.05	-	-	-	<0.040	<0.040	<0.040	<0.040
Bromoform	µg/g	0.04	0.05	-	-	-	<0.040	<0.040	<0.040	<0.040
Bromomethane	µg/g	0.04	0.05	-	-	-	<0.040	<0.040	<0.040	<0.040
Carbon Tetrachloride	µg/g	0.04	0.05	-	-	-	<0.040	<0.040	<0.040	<0.040
Chlorobenzene	µg/g	0.04	0.05	-	-	-	<0.040	<0.040	<0.040	<0.040
Chloroform	µg/g	0.04	0.05	-	-	-	<0.040	<0.040	<0.040	<0.040
Dibromochloromethane	µg/g	0.04	0.05	-	-	-	<0.040	<0.040	<0.040	<0.040
1,2-Dichlorobenzene	µg/g	0.04	0.05	-	-	-	<0.040	<0.040	<0.040	<0.040
1,3-Dichlorobenzene	µg/g	0.04	0.05	-	-	-	<0.040	<0.040	<0.040	<0.040
1,4-Dichlorobenzene	µg/g	0.04	0.05	-	-	-	<0.040	<0.040	<0.040	<0.040
1,1-Dichloroethane	µg/g	0.04	0.05	-	-	-	<0.040	<0.040	<0.040	<0.040
1,2-Dichloroethane	µg/g	0.049	0.05	-	-	-	<0.049	<0.049	<0.049	<0.049
1,1-Dichloroethylene	µg/g	0.04	0.05	-	-	-	<0.040	<0.040	<0.040	<0.040
Cis-1,2-Dichloroethylene	µg/g	0.04	0.05	-	-	-	<0.040	<0.040	<0.040	<0.040
Trans-1,2-Dichloroethylene	µg/g	0.04	0.05	-	-	-	<0.040	<0.040	<0.040	<0.040
1,2-Dichloropropane	µg/g	0.04	0.05	-	-	-	<0.040	<0.040	<0.040	<0.040
Cis-1,3-Dichloropropylene	#N/A	0.03	#N/A	-	-	-	<0.030	<0.030	<0.030	<0.030
Trans-1,3-Dichloropropylene	#N/A	0.04	#N/A	-	-	-	<0.040	<0.040	<0.040	<0.040
Ethylbenzene	µg/g	0.01	0.05	-	-	-	<0.010	<0.010	<0.010	<0.010
Ethylene Dibromide	µg/g	0.04	0.05	-	-	-	<0.040	<0.040	<0.040	<0.040
Methyl Ethyl Ketone	µg/g	0.4	0.5	-	-	-	<0.40	<0.40	<0.40	<0.40
Methylene Chloride	µg/g	0.049	0.05	-	-	-	<0.049	<0.049	<0.049	<0.049
Methyl Isobutyl Ketone	µg/g	0.4	0.5	-	-	-	<0.40	<0.40	<0.40	<0.40
Methyl-t-Butyl Ether	µg/g	0.04	0.05	-	-	-	<0.040	<0.040	<0.040	<0.040
Styrene	µg/g	0.04	0.05	-	-	-	<0.040	<0.040	<0.040	<0.040
1,1,1,2-Tetrachloroethane	µg/g	0.04	0.05	-	-	-	<0.040	<0.040	<0.040	<0.040
1,1,2,2-Tetrachloroethane	µg/g	0.04	0.05	-	-	-	<0.040	<0.040	<0.040	<0.040
Toluene	µg/g	0.02	0.2	-	-	-	<0.020	<0.020	<0.020	<0.020
Tetrachloroethylene	µg/g	0.04	0.05	-	-	-	<0.040	<0.040	<0.040	<0.040
1,1,1-Trichloroethane	µg/g	0.04	0.05	-	-	-	<0.040	<0.040	<0.040	<0.040
1,1,2-Trichloroethane	µg/g	0.04	0.05	-	-	-	<0.040	<0.040	<0.040	<0.040
Trichloroethylene	µg/g	0.01	0.05	-	-	-	<0.010	<0.010	<0.010	<0.010
Vinyl Chloride	µg/g	0.019	0.02	-	-	-	<0.019	<0.019	<0.019	<0.019
m-Xylene & p-Xylene	#N/A	0.02	#N/A	-	-	-	<0.020	<0.020	<0.020	<0.020
o-Xylene	µg/g	0.02	NV	-	-	-	<0.020	<0.020	<0.020	<0.020
Total Xylenes	µg/g	0.02	0.05	-	-	-	<0.020	<0.020	<0.020	<0.020
Dichlorodifluoromethane	µg/g	0.04	0.05	-	-	-	<0.040	<0.040	<0.040	<0.040
Dioxane, 1,4-	µg/g	-	0.2	-	-	-	-	-	-	-
Hexane	µg/g	0.04	0.05	-	-	-	<0.040	<0.040	<0.040	<0.040
Trichlorofluoromethane	µg/g	0.04	0.25	-	-	-	<0.040	<0.040	<0.040	<0.040
1,3-Dichloropropene	µg/g	0.05	0.05	-	-	-	<0.050	<0.050	<0.050	<0.050
Polycyclic Aromatic Hydrocarbons (PAHs)										
Acenaphthene	µg/g	0.005	0.072	-	-	-	<0.0050	<0.0050	<0.0050	<0.0050
Acenaphthylene	µg/g	0.005	0.093	-	-	-	<0.0050	<0.0050	<0.0050	<0.0050
Anthracene	µg/g	0.005	0.16	-	-	-	<0.0050	<0.0050	<0.0050	<0.0050
Benzo(a)anthracene	µg/g	0.005	0.36	-	-	-	<0.0050	<0.0050	<0.0050	<0.0050
Benzo(a)pyrene	µg/g	0.005	0.3	-	-	-	<0.0050	<0.0050	<0.0050	<0.0050
Benzo(b/j)fluoranthene	#N/A	0.005	#N/A	-	-	-	<0.0050	<0.0050	<0.0050	<0.0050
Benzo(ghi)perylene	µg/g	0.005	0.68	-	-	-	<0.0050	<0.0050	<0.0050	<0.0050
Benzo(k)fluoranthene	µg/g	0.005	0.48	-	-	-	<0.0050	<0.0050	<0.0050	<0.0050
Chrysene	µg/g	0.005	2.8	-	-	-	<0.0050	<0.0050	<0.0050	<0.0050
Dibenzo(a,h)anthracene	µg/g	0.005	0.1	-	-	-	<0.0050	<0.0050	<0.0050	<0.0050
Fluoranthene	µg/g	0.005	0.56	-	-	-	<0.0050	<0.0050	<0.0050	<0.0050
Fluorene	µg/g	0.005	0.12	-	-	-	<0.0050	<0.0050	<0.0050	<0.0050
Indeno(1,2,3-cd)pyrene	µg/g	0.005	0.23	-	-	-	<0.0050	<0.0050	<0.0050	<0.0050
1-Methylnaphthalene (SEE FOOTNOTE	#N/A	0.005	#N/A	-	-	-	<0.0050	<0.0050	<0.0050	<0.0050
2-Methylnaphthalene (SEE FOOTNOTE	#N/A	0.005	#N/A	-	-	-	<0.0050	<0.0050	<0.0050	<0.0050
Naphthalene	µg/g	0.005	0.09	-	-	-	<0.0050	<0.0050	<0.0050	<0.0050
Phenanthrene	µg/g	0.005	0.69	-	-	-	<0.0050	<0.0050	<0.0050	<0.0050
Pyrene	µg/g	0.005	1	-	-	-	<0.0050	<0.0050	<0.0050	<0.0050
Methylnaphthalene, 2-(1-)	µg/g	0.0071	0.59	-	-	-	<0.0071	<0.0071	<0.0071	<0.0071
Organochlorine Pesticides (OCPs)										
Aldrin	µg/g	0.002	0.05	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020
Chlordane (alpha)	#N/A	0.002	#N/A	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020
Chlordane (gamma)	#N/A	0.002	#N/A	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020
Chlordane (total)	µg/g	0.002	0.05	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020
o,p DDD	#N/A	0.002	#N/A	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020
p,p-DDD	#N/A	0.002	#N/A	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020
DDD (total)	µg/g	0.002	0.05	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020
o,p DDE	#N/A	0.002	#N/A	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020
p,p-DDE	#N/A	0.002	#N/A	<0.0020	<0.0020	0.01	<0.0020	<0.0020	<0.0020	<0.0020
DDE (total)	µg/g	0.002	0.05	<0.0020	<0.0020	0.01	<0.0020	<0.0020	<0.0020	<0.0020
op-DDT	#N/A	0.002	#N/A	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020
pp-DDT	#N/A	0.002	#N/A	<0.0020	<0.0020	0.0032	<0.0020	<0.0020	<0.0020	<0.0020
DDT (total)	µg/g	0.002	1.4	<0.0020	<0.0020	0.0032	<0.0020	<0.0020	<0.0020	<0.0020
Dieldrin	µg/g	0.002	0.05	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020
Endosulphan I	#N/A	0.002	#N/A	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020
Endosulphan II	#N/A	0.002	#N/A	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020
Total Endosulphan	µg/g	0.002	0.04	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020
Endrin	µg/g	0.002	0.04	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020
Heptachlor	µg/g	0.002	0.05	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020
Heptachlor Epoxide	µg/g	0.002	0.05	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020
Lindane	µg/g	0.002	0.01	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020
Methoxychlor	µg/g	0.005	0.05	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
Total PCB	µg/g	0.015	0.3	<0.015	<0.015	<0.015	<0.015	<0.015	<0.015	<0.015
Hexachlorobenzene	µg/g	0.002	0.01	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020
Hexachlorobutadiene	µg/g	0.002	0.01	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020
Hexachloroethane	µg/g	0.002	0.01	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020
Metals, Hydride-Forming Metals and Other Regulated Parameters (ORPs)										
Antimony	µg/g	0.2	1.3	0.3	<0.20	<0.20	<0.20	<0.20	0.21	0.25
Arsenic	µg/g	1	18	4.3	6.3	7.3	4.3	4.2	5.1	4.9
Barium	µg/g	0.5	220	86	130	130	100	100	91	100
Beryllium	µg/g	0.2	2.5	0.98	0.93	0.86	0.76	0.8	0.86	0.93
Boron (Hot Water Soluble)	µg/g	0.05	NV	0.23	0.36	0.42	0.052	0.096	0.075	0.061
Cadmium	µg/g	0.1	1.2	0.31	0.32	0.6	0.2	0.38	0.19	0.2
Chromium	µg/g	1	70	26	25	24	22	21	24	25
Chromium VI	µg/g	0.18	0.66	0.33	0.21	0.23	<0.18	0.36	0.23	0.22
Cobalt	µg/g	0.1	21	14	10	9.4	12	12	15	14
Copper	µg/g	0.5	92	12	20	21	23	21	26	19
Lead	µg/g	1	120	17	23	29	17	16	15	17
Mercury	µg/g	0.05	0.27	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050
Molybdenum	µg/g	0.5	2	0.76	0.82	0.77	<0.50	<0.50	0.57	0.66
Nickel	µg/g	0.5	82	29	22	22	27	26	31	31
Selenium	µg/g	0.5	1.5	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
Silver	µg/g	0.2	0.5	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20
Thallium	µg/g	0.05	1	0.13	0.17	0.15	0.15	0.14	0.14	0.14
Vanadium	µg/g	5	86	33	35	33	30	31	34	34
Zinc	µg/g	5	290	78	77	83	66	66	71	70
pH	N/A		NV	6.42	5.2	5.08	7.5	7.48	7.43	7.33
Conductivity	mS/cm	0.002	0.57	0.067	0.092	0.12	0.16	0.2	0.18	0.23
Sodium Adsorption Ratio	N/A		2.4	0.46	0.38	0.32	0.26	0.23	0.24	0.21
Cyanide, Free	µg/g	0.01	0.051	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Chloride	µg/g	-	NV	-	-	-	-	-	-	-
Boron (Total)	µg/g	5	36	14	6.4	6.1	10	9	13	13
Uranium	µg/g	0.05	2.5	0.76	1.1	1.1	0.54	0.58	0.58	0.65

Notes:
Table 1 Standards - Full Depth Background Site Condition Standards -Residential/Parkland/ Institutional/Industrial/Commercial/Community Property Use
Bold and shaded yellow - value exceeds Table 1 RPIICC
Bold and underline - RDL exceeds standard
N/A - not applicable
NC - The duplicate RPD was not calculated. One or both samples < 5x RDL.
NV - no value

Appendix A

Sampling and Analysis Plan

Sampling and Analysis Plan - Bronte Creek Meadows - 5164, 5366, 5470 and 5900 Upper Middle Road and 5201 Mainway, Burlington, Ontario

November 19, 2024

Prepared for:
Alinea Land Corporation

Cambium Reference: 21199-001

CAMBIUM INC.

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1.0 Introduction

This document outlines the Sampling and Analysis Plan (SAP) for the field work proposed for the Phase Two Environmental Site Assessment (ESA) being completed at Bronte Creek Meadows, holding addresses 5164, 5366, 5470 and 5900 Upper Middle Road and 5201 Mainway, in Burlington, Ontario (the Site). The roughly 126 hectare (312 acre) Site is located southeast of Upper Middle Road, southwest of Burloak Drive and northwest of Mainway in Burlington, Ontario. The Site is currently used for agricultural or other purposes as row crop agricultural field, Sheldon Creek and woodlands.

The Phase One ESA identified 34 potentially contaminating activity (PCAs), 4 on-site and 30 off-site, within the Phase One study area. Based on the distance and/or direction from the Site, local topography and inferred groundwater flow direction, none of the off-site PCAs contributed to an area of potential environmental concern (APEC). The 4 on-site PCAs contributed to 4 APECs. The related contaminants of potential concern (COPCs) were petroleum hydrocarbons (PHCs), volatile organic compounds (VOCs), polycyclic aromatic hydrocarbons (PAHs), metals, hydride-forming metals, organochlorine pesticides (OCs), and other regulated parameters (ORPs) including hot water-soluble boron (B-HWS), hexavalent chromium (Cr(VI), mercury (Hg), cyanide (CN-), electrical conductivity (EC), adsorption ratio (SAR). Potentially contaminated media was soil.

A Phase Two ESA work program was developed to investigate COPCs in soil. The Phase Two ESA included eighteen boreholes advanced by hand tools and soil sampling.

This SAP establishes a quality assurance and quality control (QA/QC) program, data quality objectives, standard operating procedures, and a description of potential physical impediments that may limit the ability to conduct sampling and analysis.

1.1 Objectives

Cambium Inc. (Cambium) completed a Phase Two ESA for the Site (Cambium, 2024) which identified areas of potential environmental concern (APECs) associated with current and former uses of the site and surrounding properties.

The purpose of the soil characterization will be to investigate soil quality in the identified APEC through the drilling of boreholes and the collection of soil samples.

The contaminants of potential concern (COPCs) associated with the APECs include petroleum hydrocarbons (PHCs), volatile organic compounds (VOCs), polycyclic aromatic hydrocarbons (PAHs), metals, hydride-forming metals, organochlorine pesticides (OCs), and other regulated parameters (ORPs) including hot water-soluble boron (B-HWS), hexavalent chromium (Cr(VI), mercury (Hg), cyanide (CN-), electrical conductivity (EC), adsorption ratio (SAR).

The overall objective of the Phase Two work program is to identify areas of contamination at the Phase Two property, if any, to support a site plan application.

2.0 Work Proposed

Proposed boreholes and monitoring well locations and rationale are included in the following table:

Location ID	Rationale	Proposed Sample Depth	COPCs
BH201 and BH202	Investigate soil quality on the north portion of the Site associated with a former orchard (APEC 2), fill of unknown quality (APEC 1) and row crop agriculture (APEC 4)	0.5 to 0.9 mbgs	PHC, VOCs, PAHs, OC Pesticides, metals, hydride-forming metals, B-HWS, CN-, Hg, Cr(VI)
BH207 and BH208	Investigate soil quality on the northwest portion of the Site associated with a former orchard (APEC 3), fill of unknown quality (APEC 1) and row crop agriculture (APEC 4)	0.5 to 0.9 mbgs	PHC, VOCs, PAHs, OC Pesticides, metals, hydride-forming metals, B-HWS, CN-, Hg, Cr(VI)
BH205, BH206, BH209-BH211, and BH216 to BH218	Investigate soil quality on the north, central and southeast portions of the Site associated with fill of unknown quality (APEC 1) and row crop agriculture (APEC 4).	0.5 to 0.9 mbgs	PHCs, VOCs, PAHs, metals, As, Sb, Se, EC, SAR, B-HWS, CN-, Hg, CrVI
BH203, BH204, BH212 to BH215	Investigate soil quality for the majority of the Site associated with row crop agriculture (APEC 4)	0.5 to 0.9 mbgs	=OC Pesticides, metals, hydride-forming metals, B-HWS, CN-, Hg, Cr(VI)

To meet the objectives outlined above, the Phase Two ESA work program will generally consist of the following:

- Advancement of boreholes utilizing a handheld auger to a depth of 0.5 to 0.9 metres below ground surface (m bgs);
- Collect soil samples using hand tools; and
- Submit select soil samples to an accredited laboratory for analytical testing of the COPCs.

2.1 Quality Assurance

Cambium will maintain the following quality control measures throughout the Phase Two work program:

- Non-dedicated sampling and monitoring equipment will be decontaminated following each use and between each sampling location.
- A minimum of one (1) duplicate sample will be collected for every ten samples collected.

Bureau Veritas (BV), an accredited analytical laboratory, will be utilized, and the laboratory will complete additional quality control measures (i.e. duplicates, method spikes) as required by its accreditation.

All laboratory certificates of analysis will be reviewed by Cambium for data integrity and quality control. If anomalies in the reported data are identified, Cambium will resample or collect additional samples, where possible and as required.

2.2 Sampling Methods

Boreholes will be advanced using a handheld soil auger. Retrieved soil samples will be inspected for visible and olfactory evidence of contamination. Soil samples will be divided, with half or more of the sample placed in a dedicated polyethylene sample bag and sealed for field screening, and the remaining sample placed in dedicated sample jars or vials for analytical submission. Samples to be submitted for analysis of PHC F1 and/or VOCs will be collected using a pre-calibrated syringe sampler and methanol preserved vial.

Each sample will be handled by a Cambium field technician using dedicated nitrile gloves to minimize the potential for cross-contamination.

2.2.1 Sample Handling and Custody

Samples will be collected in laboratory-supplied sample containers, with preservative as necessary. All samples requiring laboratory analysis will be placed in a cooler and maintained at less than 10°C prior to and during transport to the laboratory.

Samples will be labelled with a unique sample ID, sampling date, and project number. All samples will be shipped to the laboratory under chain of custody protocols.

2.2.2 Instrumentation

The Phase Two work program will require the use of the following non-dedicated instrumentation and equipment: RKI Eagle 2 portable gas detector. Equipment will be inspected daily for damage or defects, and appropriate measures will be taken if necessary, prior to commencing field work.

An RKI Eagle 2 portable gas detector will be used to screen the soil samples for concentrations of combustible soil vapour (CSV) and organic vapour (OV). The RKI will be calibrated to hexane and isobutylene standards. After agitating the sample, the peak concentration will be recorded by inserting the RKI probe into the sample bag.

2.3 Quality Control

2.3.1 Verification and Validation Methods

To validate the integrity of the laboratory analytical data as well as sampling methods, Cambium will determine the relative percent difference (RPD) of QA/QC duplicate samples and the corresponding numbered samples. Cambium will also review the analysis of trip blanks and laboratory completed matrix spikes.

RPD is calculated using the following formula:

$$RPD(\%) = \frac{|x_1 - x_2|}{x_m} \times 100\%$$

Where: x_1 = parent sample result

x_2 = duplicate sample result

x_m = arithmetic mean of parent and duplicate sample results

Low concentrations are more sensitive to RPD values; as such, RPDs will not be calculated where the parameter concentration in the sample and/or duplicate is less than five (5) times the laboratory RDL.

The calculated RPD results were compared to the performance criteria for each parameter group as outlined in the *Protocol for Analytical Methods Used in the Assessment of Properties under Part XV.1 of the Environmental Protection Act and Excess Soil Quality* (MECP, 2021).

If an RPD is calculated above the allowable limits, Cambium will attempt to determine the source of the variance, and will assess whether the elevated RPD affects the integrity and usability of the data.

Appendix B
Borehole Logs

Client: Alinea Land Corporation
Contractor:
Project No.: 21199-001
Location: Upper Middle Road & Burloak Drive, Burlington ON

Project Name: Bronte Creek Meadows, Burlington
Method: Hand Auger
Elevation: 0.00
UTM: 17T **N:** 4806664.1 **E:** 599125

Log of Borehole: BH201-24
Page: 1 of 1
Date Completed: Sept 17, 2024

SUBSURFACE PROFILE			SAMPLE									
Elevation (m) / Depth	Lithology	Description (Elevation / Depth)	Number	Type	CSV (ppm)	OV (ppm)	% Recovery	SPT (N)/DCPT	Atterberg Limits (%) LL PL PI; % Moisture 25 50 75	Shear Strength Cu, kPa (nat V., rem V.) 20 40 60 80; SPT (N) / DCPT 20 40 60 80	Well Installation	Log Notes
0 / 0		**(ML) SILT:** Silt, trace sand, trace organics, brown, moist, No odour, No staining	1	GB	0	0						BH201-24_0.3-0.5: Samples analyzed for PHCs, VOCs, PAHs, OC Pesticides, and Metals & Inorganics
-0.5 / 0.5		Trace clay, some white/yellow staining, trace debris, fill, No odour	2	GB	55	0						BH201-24_0.5-0.7: Samples analyzed for PHCs, VOCs, PAHs, OC Pesticides, and Metals & Inorganics
		Red/brown colour, green/yellow staining, No odour	3	GB	30	0						
-1 / 1		-0.71										
-1.5 / 1.5		Borehole terminated @ 0.7 mbgs due to target depth achieved. 0.71										
-2 / 2												
-2.5 / 2.5												
-3 / 3												
-3.5 / 3.5												
-4 / 4												

GRAINSIZE DISTRIBUTION: SAMPLE | GRAVEL | SAND | SILT | CLAY

Logged By: RG **Input By:** RG

Client: Alinea Land Corporation
Contractor:
Project No.: 21199-001
Location: Upper Middle Road & Burloak Drive, Burlington ON

Project Name: Bronte Creek Meadows, Burlington
Method: Hand Auger
Elevation: 0.00
UTM: 17T **N:** 4806621.2 **E:** 599185.6

Log of Borehole: BH202-24
Page: 1 of 1
Date Completed: Sept 17, 2024

SUBSURFACE PROFILE			SAMPLE									
Elevation (m) / Depth	Lithology	Description (Elevation / Depth)	Number	Type	CSV (ppm)	OV (ppm)	% Recovery	SPT (N)/DCPT	Atterberg Limits (%) LL PL PI; 25 50 75 / % Moisture 25 50 75	Shear Strength Cu, kPa (nat V., rem V.); 20 40 60 80 / SPT (N) / DCPT 20 40 60 80	Well Installation	Log Notes
0 / 0		**TOPSOIL:** Trace organics, brown, some silt, trace sand, No odour, No staining, moist (-0.30)	1	GB	0	0						
-0.5 / 0.5		**(ML) SILT:** Trace organics, brown, No odour, No staining, moist (0.30 / -0.51)	2	GB	0	0						
		(CL) SILTY CLAY: Brown, yellow/red staining, trace debris, moist/wet, No odour, fill (0.51)	3	GB	0	0						BH202-24_0.5-0.7: Samples analyzed for PHCs, VOCs, PAHs, OC Pesticides, and Metals & Inorganics
		More staining, moist, No odour (-0.89)	4	GB	0	0						BH202-24_0.7-0.9: Samples analyzed for PHCs, VOCs, PAHs, OC Pesticides, and Metals & Inorganics
-1 / 1		Borehole terminated @ 0.9 mbgs due to target depth achieved. (0.89)										
-1.5 / 1.5												
-2 / 2												
-2.5 / 2.5												
-3 / 3												
-3.5 / 3.5												
-4 / 4												

GRAINSIZE DISTRIBUTION: SAMPLE | GRAVEL | SAND | SILT | CLAY

Logged By: RG **Input By:** RG

Peterborough, Barrie, Ottawa, Kingston, Whitby

Client: Alinea Land Corporation
Contractor:
Project No.: 21199-001
Location: Upper Middle Road & Burloak Drive, Burlington ON

Project Name: Bronte Creek Meadows, Burlington
Method: Hand Auger
Elevation: 0.00
UTM: 17T **N:** 4805358.9 **E:** 599190.4

Log of Borehole: BH203-24
Page: 1 of 1
Date Completed: Sept 16, 2024

SUBSURFACE PROFILE				SAMPLE									
Elevation (m) / Depth	Lithology	Description (Elevation / Depth)		Number	Type	CSV (ppm)	OV (ppm)	% Recovery	SPT (N)/DCPT	Atterberg Limits (%) LL PL PI — 25 50 75 / % Moisture 25 50 75	Shear Strength Cu, kPa (nat V., rem V.) — 20 40 60 80 / SPT (N) / DCPT 20 40 60 80	Well Installation	Log Notes
0		**(ML) sandy SILT:** Brown, earthy smell, trace organics, moist, No staining	-0.30	1	GB	40	0						BH203-24_0.0-0.3: Samples analyzed for OC Pesticides and Metals & Inorganics
		(ML) SILT: Trace clay, trace sand, brown, trace organics, No staining, No odour	0.30 / -0.51	2	GB	20	0						
-0.5 / 0.5		Borehole terminated @ 0.5 mbgs due to target depth achieved.	0.51										
-1 / 1													
-1.5 / 1.5													
-2 / 2													
-2.5 / 2.5													
-3 / 3													
-3.5 / 3.5													
-4 / 4													

GRAINSIZE DISTRIBUTION: SAMPLE | GRAVEL | SAND | SILT | CLAY

Logged By: RG **Input By:** RG

Client: Alinea Land Corporation
Contractor:
Project No.: 21199-001
Location: Upper Middle Road & Burloak Drive, Burlington ON

Project Name: Bronte Creek Meadows, Burlington
Method: Hand Auger
Elevation: 0.00
UTM: 17T **N:** 4805495.4 **E:** 599324.5

Log of Borehole: BH204-24
Page: 1 of 1
Date Completed: Sept 16, 2024

SUBSURFACE PROFILE				SAMPLE									
Elevation (m) / Depth	Lithology	Description (Elevation / Depth)	Number	Type	CSV (ppm)	OV (ppm)	% Recovery	SPT (N)/DCPT	Atterberg Limits (%) LL PL PI; 25 50 75 / % Moisture 25 50 75	Shear Strength Cu, kPa (nat V., rem V.); 20 40 60 80 / SPT (N) / DCPT 20 40 60 80	Well Installation	Log Notes
0 — 0		**(ML) sandy SILT:** Brown, trace organics, moist, Light staining, No odour — 0.30 / -0.30	1	GB	45	0						BH204-24_0.0-0.3: Samples analyzed for OC Pesticides and Metals & Inorganics
-0.5 — 0.5		**(ML) SILT:** Trace clay, trace sand, brown, trace organics, moist, No odour, No staining — 0.30 / -0.51	2	GB	10	0						
-1 — 1		Borehole terminated @ 0.5 mbgs due to target depth achieved. — 0.51										
-1.5 — 1.5												
-2 — 2												
-2.5 — 2.5												
-3 — 3												
-3.5 — 3.5												
-4 — 4												

GRAINSIZE DISTRIBUTION: SAMPLE | GRAVEL | SAND | SILT | CLAY

Logged By: RG
Input By: RG

Client: Alinea Land Corporation
Contractor:
Project No.: 21199-001
Location: Upper Middle Road & Burloak Drive, Burlington ON

Project Name: Bronte Creek Meadows, Burlington
Method: Hand Auger
Elevation: 0.00
UTM: 17T **N:** 4805809.2 **E:** 599314.2

Log of Borehole: BH205-24
Page: 1 of 1
Date Completed: Sept 16, 2024

SUBSURFACE PROFILE				SAMPLE									
Elevation (m) / Depth	Lithology	Description (Elevation / Depth)		Number	Type	CSV (ppm)	OV (ppm)	% Recovery	SPT (N)/DCPT	Atterberg Limits (%) LL PL PI; 25 50 75; % Moisture 25 50 75	Shear Strength Cu, kPa (nat V., rem V.); 20 40 60 80; SPT (N) / DCPT 20 40 60 80	Well Installation	Log Notes
0 / 0		**(ML) sandy SILT:** Brown, trace organics, moist, No staining, No odour	-0.30	1	GB	65	0						
-0.5 / 0.5		**(ML) SILT:** Trace clay, trace sand, brown, trace organics, moist, No odour, No staining	0.30	2	GB	85	0						BH205-24_0.5-0.7: Samples analyzed for PHCs, VOCs, PAHs, OC Pesticides, and Metals & Inorganics
		Trace gravel, some debris, red and green staining, brown, moist, fill, No odour		3	GB	95	0						
		More debris, red and green staining, No odour	-0.89	4	GB	60	0						
-1 / 1		Borehole terminated @ 0.9 mbgs due to target depth achieved.	0.89										
-1.5 / 1.5													
-2 / 2													
-2.5 / 2.5													
-3 / 3													
-3.5 / 3.5													
-4 / 4													

GRAINSIZE DISTRIBUTION: SAMPLE | GRAVEL | SAND | SILT | CLAY

Logged By: RG **Input By:** RG

Peterborough, Barrie, Ottawa, Kingston, Whitby

Client: Alinea Land Corporation
Contractor:
Project No.: 21199-001
Location: Upper Middle Road & Burloak Drive, Burlington ON

Project Name: Bronte Creek Meadows, Burlington
Method: Hand Auger
Elevation: 0.00
UTM: 17T **N:** 4806017.2 **E:** 599119.1

Log of Borehole: BH206-24
Page: 1 of 1
Date Completed: Sept 16, 2024

SUBSURFACE PROFILE				SAMPLE									
Elevation (m) / Depth	Lithology	Description (Elevation / Depth)		Number	Type	CSV (ppm)	OV (ppm)	% Recovery	SPT (N)/DCPT	Atterberg Limits (%) LL PL PI; 25 50 75; % Moisture 25 50 75	Shear Strength Cu, kPa (nat V., rem V.); 20 40 60 80; SPT (N) / DCPT 20 40 60 80	Well Installation	Log Notes
0 / 0		**(ML) sandy SILT:** Brown, trace organics, moist, No staining, No odour	-0.30	1	GB	0	0						
-0.5 / 0.5		**(ML) SILT:** Trace clay, brown, trace gravel, green and red staining, No odour, moist, fill	0.30	2	GB	0	0						BH206-24_0.5-0.7: Samples analyzed for PHCs, VOCs, PAHs, OC Pesticides, and Metals & Inorganics
		Trace gravel, green and red staining, No odour		3	GB	0	0						
		No staining, No odour	-0.89	4	GB	0	0						
-1 / 1		Borehole terminated @ 0.9 mbgs due to target depth achieved.	0.89										
-1.5 / 1.5													
-2 / 2													
-2.5 / 2.5													
-3 / 3													
-3.5 / 3.5													
-4 / 4													

GRAINSIZE DISTRIBUTION: SAMPLE | GRAVEL | SAND | SILT | CLAY

Logged By: RG **Input By:** RG

Peterborough, Barrie, Ottawa, Kingston, Whitby

Client: Alinea Land Corporation
Contractor:
Project No.: 21199-001
Location: Upper Middle Road & Burloak Drive, Burlington ON

Project Name: Bronte Creek Meadows, Burlington
Method: Hand Auger
Elevation: 0.00
UTM: 17T **N:** 4806239.6 **E:** 598930.4

Log of Borehole: BH207-24
Page: 1 of 1
Date Completed: Sept 17, 2024

SUBSURFACE PROFILE			SAMPLE									
Elevation (m) / Depth	Lithology	Description (Elevation / Depth)	Number	Type	CSV (ppm)	OV (ppm)	% Recovery	SPT (N)/DCPT	Atterberg Limits (%) LL PL PI; 25 50 75 / % Moisture 25 50 75	Shear Strength Cu, kPa (nat V., rem V.); 20 40 60 80 / SPT (N) / DCPT 20 40 60 80	Well Installation	Log Notes
0 / 0		**(ML) SILT:** Trace clay, brown, some red stoning, No odour, moist -0.30	1	GB	5	0						BH207-24_0.3-0.5: Samples analyzed for PHCs, VOCs, PAHs, OC Pesticides, and Metals & Inorganics
-0.5 / 0.5		0.30 **(ML) CLAYEY SILT:** Red/brown, moist, trace organics, No odour, some debris (brick/glass), Some staining	2	GB	5	0						
		More sand, still red, No odour -0.71	3	GB	5	0						
-1 / 1		0.71 Borehole terminated @ 0.7 mbgs due to target depth achieved.										
-1.5 / 1.5												
-2 / 2												
-2.5 / 2.5												
-3 / 3												
-3.5 / 3.5												
-4 / 4												

GRAINSIZE DISTRIBUTION: SAMPLE | GRAVEL | SAND | SILT | CLAY

Logged By: RG **Input By:** RG

Client: Alinea Land Corporation
Contractor:
Project No.: 21199-001
Location: Upper Middle Road & Burloak Drive, Burlington ON

Project Name: Bronte Creek Meadows, Burlington
Method: Hand Auger
Elevation: 0.00
UTM: 17T **N:** 4806322.2 **E:** 598993.6

Log of Borehole: BH208-24
Page: 1 of 1
Date Completed: Sept 17, 2024

SUBSURFACE PROFILE				SAMPLE									
Elevation (m) / Depth	Lithology	Description (Elevation / Depth)		Number	Type	CSV (ppm)	OV (ppm)	% Recovery	SPT (N)/DCPT	Atterberg Limits (%) LL PL PI; 25 50 75; % Moisture 25 50 75	Shear Strength Cu, kPa (nat V., rem V.); 20 40 60 80; SPT (N) / DCPT 20 40 60 80	Well Installation	Log Notes
0 / 0		**TOPSOIL:** Trace clay, brown, moist, No odour, trace organics, light staining	-0.30	1	GB	0	0						BH208-24_0.3-0.5: Samples analyzed for PHCs, VOCs, PAHs, OC Pesticides, and Metals & Inorganics
		(ML) SILT: Trace clay, trace organics, trace gravel, brown, red/black/green staining, moist, No odour, fill	0.30 / -0.51	2	GB	0	0						
-0.5 / 0.5		**(ML) CLAYEY SILT:** Trace organics, red soil, black/white/red staining, moist, No odour, fill	0.51 / -0.71	3	GB	0	0						
		Borehole terminated @ 0.7 mbgs due to target depth achieved.	0.71										
-1 / 1													
-1.5 / 1.5													
-2 / 2													
-2.5 / 2.5													
-3 / 3													
-3.5 / 3.5													
-4 / 4													

GRAINSIZE DISTRIBUTION: SAMPLE | GRAVEL | SAND | SILT | CLAY

Logged By: RG **Input By:** RG

Peterborough, Barrie, Ottawa, Kingston, Whitby

Client: Alinea Land Corporation
Contractor:
Project No.: 21199-001
Location: Upper Middle Road & Burloak Drive, Burlington ON

Project Name: Bronte Creek Meadows, Burlington
Method: Hand Auger
Elevation: 0.00
UTM: 17T **N:** 4806182.7 **E:** 599206.2

Log of Borehole: BH209-24
Page: 1 of 1
Date Completed: Sept 17, 2024

SUBSURFACE PROFILE			SAMPLE									
Elevation (m) / Depth	Lithology	Description (Elevation / Depth)	Number	Type	CSV (ppm)	OV (ppm)	% Recovery	SPT (N)/DCPT	Atterberg Limits (%) LL PL PI; 25 50 75; % Moisture 25 50 75	Shear Strength Cu, kPa (nat V., rem V.); 20 40 60 80; SPT (N) / DCPT 20 40 60 80	Well Installation	Log Notes
0 / 0		**TOPSOIL:** Trace clay, brown, white staining, No odour, trace organics, moist -0.30	1	GB	0	0						BH209-24_0.3-0.5: Samples analyzed for PHCs, VOCs, PAHs, OC Pesticides, and Metals & Inorganics
-0.5 / 0.5		**(ML) CLAYEY SILT:** Trace sand, trace organics, trace gravel, red colour, green staining, debris, fill, moist 0.30 -0.71	2	GB	60	0						
			3	GB	55	0						
		Borehole terminated @ 0.7 mbgs due to target depth achieved. 0.71										
-1 / 1												
-1.5 / 1.5												
-2 / 2												
-2.5 / 2.5												
-3 / 3												
-3.5 / 3.5												
-4 / 4												

GRAINSIZE DISTRIBUTION: SAMPLE | GRAVEL | SAND | SILT | CLAY

Logged By: RG **Input By:** RG

Client: Alinea Land Corporation
Contractor:
Project No.: 21199-001
Location: Upper Middle Road & Burloak Drive, Burlington ON

Project Name: Bronte Creek Meadows, Burlington
Method: Hand Auger
Elevation: 0.00
UTM: 17T **N:** 4806281 **E:** 599205.9

Log of Borehole: BH210-24
Page: 1 of 1
Date Completed: Sept 17, 2024

SUBSURFACE PROFILE				SAMPLE									
Elevation (m) / Depth	Lithology	Description (Elevation / Depth)		Number	Type	CSV (ppm)	OV (ppm)	% Recovery	SPT (N)/DCPT	Atterberg Limits (%) LL PL PI; 25 50 75; % Moisture 25 50 75	Shear Strength Cu, kPa (nat V., rem V.); 20 40 60 80; SPT (N) / DCPT 20 40 60 80	Well Installation	Log Notes
0 / 0		**(ML) SILT:** Trace sand, light staining, moist, brown, No odour	-0.30	1	GB	45	0						BH210-24_0.3-0.5: Samples analyzed for PHCs, VOCs, PAHs, OC Pesticides, and Metals & Inorganics
		(ML) SILT: Some clay, red/brown colour, yellow/white staining, moist, No odour, fill	0.30 / -0.51	2	GB	25	0						
-0.5 / 0.5		**(ML) CLAYEY SILT:** Darker red colour, yellow staining, moist, No odour, same fill	0.51 / -0.71	3	GB	15	0						
		Borehole terminated @ 0.7 mbgs due to target depth achieved.	0.71										
-1 / 1													
-1.5 / 1.5													
-2 / 2													
-2.5 / 2.5													
-3 / 3													
-3.5 / 3.5													
-4 / 4													

GRAINSIZE DISTRIBUTION: SAMPLE | GRAVEL | SAND | SILT | CLAY

Logged By: RG **Input By:** RG

Peterborough, Barrie, Ottawa, Kingston, Whitby

Client: Alinea Land Corporation
Contractor:
Project No.: 21199-001
Location: Upper Middle Road & Burloak Drive, Burlington ON

Project Name: Bronte Creek Meadows, Burlington
Method: Hand Auger
Elevation: 0.00
UTM: 17T **N:** 4806475.7 **E:** 599370.9

Log of Borehole: BH211-24
Page: 1 of 1
Date Completed: Sept 17, 2024

SUBSURFACE PROFILE				SAMPLE									
Elevation (m) / Depth	Lithology	Description (Elevation / Depth)		Number	Type	CSV (ppm)	OV (ppm)	% Recovery	SPT (N)/DCPT	Atterberg Limits (%) LL PL PI; 25 50 75; % Moisture 25 50 75	Shear Strength Cu, kPa (nat V., rem V.); 20 40 60 80; SPT (N) / DCPT 20 40 60 80	Well Installation	Log Notes
0 / 0		**(ML) SILT:** Brown, some sand, moist, No odour, No staining Trace clay, brown, light red/yellow staining, moist, some debris, fill, No odour	-0.51	1	GB	60	0						BH211-24_0.3-0.5: Samples analyzed for PHCs, VOCs, PAHs, OC Pesticides, and Metals & Inorganics
				2	GB	40	0						
-0.5 / 0.5		**(ML) CLAYEY SILT:** Brown, red/green staining, some debris (brick), moist, No odour	0.51 -0.71	3	GB	25	0						
		Borehole terminated @ 0.7 mbgs due to target depth achieved.	0.71										
-1 / 1													
-1.5 / 1.5													
-2 / 2													
-2.5 / 2.5													
-3 / 3													
-3.5 / 3.5													
-4 / 4													

GRAINSIZE DISTRIBUTION: SAMPLE | GRAVEL | SAND | SILT | CLAY

Logged By: RG **Input By:** RG

Client: Alinea Land Corporation
Contractor:
Project No.: 21199-001
Location: Upper Middle Road & Burloak Drive, Burlington ON

Project Name: Bronte Creek Meadows, Burlington
Method: Hand Auger
Elevation: 0.00
UTM: 17T **N:** 4806172.3 **E:** 599541.1

Log of Borehole: BH212-24
Page: 1 of 1
Date Completed: Sept 17, 2024

SUBSURFACE PROFILE				SAMPLE									
Elevation (m) / Depth	Lithology	Description (Elevation / Depth)		Number	Type	CSV (ppm)	OV (ppm)	% Recovery	SPT (N)/DCPT	Atterberg Limits (%) LL PL PI; % Moisture 25 50 75	Shear Strength Cu, kPa (nat V., rem V.); SPT (N) / DCPT 20 40 60 80	Well Installation	Log Notes
0		**(ML) SILT:** Trace sand, brown, moist, No odour, No staining, trace organics	-0.30	1	GB	65	0						BH212-24_0.0-0.3: Samples analyzed for OC Pesticides and Metals & Inorganics
0.5		**(ML) sandy SILT:** Brown, red/green staining, moist, No odour, trace clay	0.30 / -0.51	2	GB	45	0						
1		Borehole terminated @ 0.5 mbgs due to target depth achieved.	0.51										
1.5													
2													
2.5													
3													
3.5													
4													

GRAINSIZE DISTRIBUTION: SAMPLE | GRAVEL | SAND | SILT | CLAY

Logged By: RG **Input By:** RG

Peterborough, Barrie, Ottawa, Kingston, Whitby

Client: Alinea Land Corporation
Contractor:
Project No.: 21199-001
Location: Upper Middle Road & Burloak Drive, Burlington ON

Project Name: Bronte Creek Meadows, Burlington
Method: Hand Auger
Elevation: 0.00
UTM: 17T **N:** 4805993.8 **E:** 599422.9

Log of Borehole: BH213-24
Page: 1 of 1
Date Completed: Sept 17, 2024

SUBSURFACE PROFILE				SAMPLE									
Elevation (m) / Depth	Lithology	Description (Elevation / Depth)		Number	Type	CSV (ppm)	OV (ppm)	% Recovery	SPT (N)/DCPT	Atterberg Limits (%) LL PL PI; 25 50 75; % Moisture 25 50 75	Shear Strength Cu, kPa (nat V., rem V.); 20 40 60 80; SPT (N) / DCPT 20 40 60 80	Well Installation	Log Notes
0 / 0		**(ML) SILT:** Trace clay, brown, white/green staining, moist, No odour, trace organics	-0.30	1	GB	65	0						BH213-24_0.0-0.3: Samples analyzed for OC Pesticides and Metals & Inorganics
		(ML) CLAYEY SILT: Lots of staining (white, red, green), some debris, brownish red, trace gravel, moist	0.30 / -0.51	2	GB	60	0						
-0.5 / 0.5		Borehole terminated @ 0.5 mbgs due to target depth achieved.	0.51										
-1 / 1													
-1.5 / 1.5													
-2 / 2													
-2.5 / 2.5													
-3 / 3													
-3.5 / 3.5													
-4 / 4													

GRAINSIZE DISTRIBUTION: SAMPLE | GRAVEL | SAND | SILT | CLAY

Logged By: RG **Input By:** RG

Peterborough, Barrie, Ottawa, Kingston, Whitby

Client: Alinea Land Corporation
Contractor:
Project No.: 21199-001
Location: Upper Middle Road & Burloak Drive, Burlington ON

Project Name: Bronte Creek Meadows, Burlington
Method: Hand Auger
Elevation: 0.00
UTM: 17T **N:** 4806048.3 **E:** 598794

Log of Borehole: BH214-24
Page: 1 of 1
Date Completed: Sept 17, 2024

SUBSURFACE PROFILE			SAMPLE									
Elevation (m) / Depth	Lithology	Description (Elevation / Depth)	Number	Type	CSV (ppm)	OV (ppm)	% Recovery	SPT (N)/DCPT	Atterberg Limits (%) LL PL PI; 25 50 75 / % Moisture 25 50 75	Shear Strength Cu, kPa (nat V., rem V.); 20 40 60 80 / SPT (N) / DCPT 20 40 60 80	Well Installation	Log Notes
0 / 0		**(ML) SILT:** Trace sand, trace organics, trace gravel, brown, moist, No odour, No staining Trace clay, red and green staining, red soil, No odour	1	GB	15	0						BH214-24_0.0-0.3: Samples analyzed for OC Pesticides and Metals & Inorganics
			2	GB	10	0						
-0.5 / 0.5		-0.51										
		Borehole terminated @ 0.5 mbgs due to target depth achieved. 0.51										
-1 / 1												
-1.5 / 1.5												
-2 / 2												
-2.5 / 2.5												
-3 / 3												
-3.5 / 3.5												
-4 / 4												

GRAINSIZE DISTRIBUTION: SAMPLE | GRAVEL | SAND | SILT | CLAY

Logged By: RG **Input By:** RG

Client: Alinea Land Corporation
Contractor:
Project No.: 21199-001
Location: Upper Middle Road & Burloak Drive, Burlington ON

Project Name: Bronte Creek Meadows, Burlington
Method: Hand Auger
Elevation: 0.00
UTM: 17T **N:** 4805902 **E:** 598664

Log of Borehole: BH215-24
Page: 1 of 1
Date Completed: Sept 17, 2024

SUBSURFACE PROFILE			SAMPLE									
Elevation (m) / Depth	Lithology	Description (Elevation / Depth)	Number	Type	CSV (ppm)	OV (ppm)	% Recovery	SPT (N)/DCPT	Atterberg Limits (%) LL PL PI; 25 50 75; % Moisture 25 50 75	Shear Strength Cu, kPa (nat V., rem V.); 20 40 60 80; SPT (N) / DCPT 20 40 60 80	Well Installation	Log Notes
0 / 0		**(ML) SILT:** Brown, trace organics, some sand, moist, No odour, No staining Trace clay, trace sand, some staining, No odour	1	GB	5	0						BH215-24_0.0-0.3: Samples analyzed for OC Pesticides and Metals & Inorganics
		-0.51	2	GB	5	0						
-0.5 / 0.5		Borehole terminated @ 0.5 mbgs due to target depth achieved. 0.51										
-1 / 1												
-1.5 / 1.5												
-2 / 2												
-2.5 / 2.5												
-3 / 3												
-3.5 / 3.5												
-4 / 4												

GRAINSIZE DISTRIBUTION: SAMPLE | GRAVEL | SAND | SILT | CLAY

Logged By: RG **Input By:** RG

Client: Alinea Land Corporation
Contractor:
Project No.: 21199-001
Location: Upper Middle Road & Burloak Drive, Burlington ON

Project Name: Bronte Creek Meadows, Burlington
Method: Hand Auger
Elevation: 0.00
UTM: 17T **N:** 4805791.9 **E:** 598840.5

Log of Borehole: BH216-24
Page: 1 of 1
Date Completed: Sept 16, 2024

SUBSURFACE PROFILE			SAMPLE									
Elevation (m) / Depth	Lithology	Description (Elevation / Depth)	Number	Type	CSV (ppm)	OV (ppm)	% Recovery	SPT (N)/DCPT	Atterberg Limits (%) LL PL PI; 25 50 75 / % Moisture 25 50 75	Shear Strength Cu, kPa (nat V., rem V.); 20 40 60 80 / SPT (N) / DCPT 20 40 60 80	Well Installation	Log Notes
0 — 0		**(ML) SILT:** Trace sand, brown, trace organics, moist, No staining, No odour	1	GB	0	0						BH216-24_0.3-0.5: Samples analyzed for PHCs, VOCs, PAHs, OC Pesticides, and Metals & Inorganics
		Fill starts, trace clay, red and grey staining, No odour, slightly wet	2	GB	0	0						
-0.5 — 0.5		More red in colour, No odour	3	GB	0	0						
		-0.71										
		Borehole terminated @ 0.7 mbgs due to target depth achieved. 0.71										
-1 — 1												
-1.5 — 1.5												
-2 — 2												
-2.5 — 2.5												
-3 — 3												
-3.5 — 3.5												
-4 — 4												

GRAINSIZE DISTRIBUTION: SAMPLE | GRAVEL | SAND | SILT | CLAY

Logged By: RG **Input By:** RG

Client: Alinea Land Corporation
Contractor:
Project No.: 21199-001
Location: Upper Middle Road & Burloak Drive, Burlington ON

Project Name: Bronte Creek Meadows, Burlington
Method: Hand Auger
Elevation: 0.00
UTM: 17T **N:** 4805570 **E:** 598646

Log of Borehole: BH217-24
Page: 1 of 1
Date Completed: Sept 17, 2024

SUBSURFACE PROFILE			SAMPLE									
Elevation (m) / Depth	Lithology	Description (Elevation / Depth)	Number	Type	CSV (ppm)	OV (ppm)	% Recovery	SPT (N)/DCPT	Atterberg Limits (%) LL PL PI; 25 50 75; % Moisture 25 50 75	Shear Strength Cu, kPa (nat V., rem V.); 20 40 60 80; SPT (N) / DCPT 20 40 60 80	Well Installation	Log Notes
0 / 0		**(ML) SILT:** Brown, some sand, moist, trace organics, No odour, No staining	1	GB	0	0						BH217-24_0.3-0.5: Samples analyzed for PHCs, VOCs, PAHs, OC Pesticides, and Metals & Inorganics
		Trace clay, trace sand, trace gravel, fill, trace debris, red and green staining, No odour	2	GB	0	0						
-0.5 / 0.5		Some staining, No odour	3	GB	0	0						
		-0.71										
		Borehole terminated @ 0.7 mbgs due to target depth achieved. 0.71										
-1 / 1												
-1.5 / 1.5												
-2 / 2												
-2.5 / 2.5												
-3 / 3												
-3.5 / 3.5												
-4 / 4												

GRAINSIZE DISTRIBUTION: SAMPLE | GRAVEL | SAND | SILT | CLAY

Logged By: RG **Input By:** RG

Client: Alinea Land Corporation
Contractor:
Project No.: 21199-001
Location: Upper Middle Road & Burloak Drive, Burlington ON

Project Name: Bronte Creek Meadows, Burlington
Method: Hand Auger
Elevation: 0.00
UTM: 17T **N:** 4805407.1 **E:** 598913.6

Log of Borehole: BH218-24
Page: 1 of 1
Date Completed: Sept 16, 2024

SUBSURFACE PROFILE			SAMPLE									
Elevation (m) / Depth	Lithology	Description (Elevation / Depth)	Number	Type	CSV (ppm)	OV (ppm)	% Recovery	SPT (N)/DCPT	Atterberg Limits (%) LL PL PI; 25 50 75 / % Moisture 25 50 75	Shear Strength Cu, kPa (nat V., rem V.); 20 40 60 80 / SPT (N) / DCPT 20 40 60 80	Well Installation	Log Notes
0 — 0		**(ML) SILT:** Trace sand, trace organics, brown, moist, No odour, No staining	1	GB	0	0						BH218-24_0.3-0.5: Samples analyzed for PHCs, VOCs, PAHs, OC Pesticides, and Metals & Inorganics
		Trace sand, red soil, light staining, trace gravel, trace debris, light odour	2	GB	0	0						
-0.5 — 0.5		Less gravel, red soil, light odour (-0.71)	3	GB	0	0						
		Borehole terminated @ 0.7 mbgs due to target depth achieved. (0.71)										
-1 — 1												
-1.5 — 1.5												
-2 — 2												
-2.5 — 2.5												
-3 — 3												
-3.5 — 3.5												
-4 — 4												

GRAINSIZE DISTRIBUTION: SAMPLE | GRAVEL | SAND | SILT | CLAY

Logged By: RG **Input By:** RG

Appendix C

Laboratory Certificates of Analysis

Your Project #: 21199-001
Your C.O.C. #: C#1011969-01-01

Attention: Maria Strybos

Cambium Environmental Inc
194 Sophia Street
PO Box 325
Peterborough, ON
CANADA K9H 1E5

Report Date: 2024/10/10
Report #: R8357048
Version: 3 - Revision

CERTIFICATE OF ANALYSIS – REVISED REPORT

BUREAU VERITAS JOB #: C4T2597
Received: 2024/09/17, 19:41

Sample Matrix: Soil
Samples Received: 23

Analyses	Quantity	Date Extracted	Date Analyzed	Laboratory Method	Analytical Method
Methylnaphthalene Sum	14	N/A	2024/09/24	CAM SOP-00301	EPA 8270D m
Hot Water Extractable Boron	20	2024/09/23	2024/09/23	CAM SOP-00408	R153 Ana. Prot. 2011
Hot Water Extractable Boron	1	2024/09/23	2024/09/24	CAM SOP-00408	R153 Ana. Prot. 2011
1,3-Dichloropropene Sum	14	N/A	2024/09/24		EPA 8260C m
Free (WAD) Cyanide	6	2024/09/23	2024/09/24	CAM SOP-00457	OMOE E3015 m
Free (WAD) Cyanide	1	2024/09/23	2024/09/25	CAM SOP-00457	OMOE E3015 m
Free (WAD) Cyanide	14	2024/09/24	2024/09/24	CAM SOP-00457	OMOE E3015 m
Conductivity	1	2024/09/23	2024/09/23	CAM SOP-00414	OMOE E3530 v1 m
Conductivity	20	2024/09/24	2024/09/24	CAM SOP-00414	OMOE E3530 v1 m
Hexavalent Chromium in Soil by IC (1)	7	2024/09/23	2024/09/24	CAM SOP-00436	EPA 3060A/7199 m
Hexavalent Chromium in Soil by IC (1)	14	2024/09/24	2024/09/24	CAM SOP-00436	EPA 3060A/7199 m
Petroleum Hydrocarbons F2-F4 in Soil (2)	14	2024/09/23	2024/09/24	CAM SOP-00316	CCME CWS m
Acid Extractable Metals by ICPMS	21	2024/09/23	2024/09/23	CAM SOP-00447	EPA 6020B m
Moisture	2	N/A	2024/10/01	CAM SOP-00445	Carter 2nd ed 70.2 m
Moisture	21	N/A	2024/09/21	CAM SOP-00445	Carter 2nd ed 70.2 m
OC Pesticides (Selected) & PCB (3)	2	2024/10/04	2024/10/05	CAM SOP-00307	EPA 8081B/ 8082A
OC Pesticides (Selected) & PCB (3)	1	2024/09/23	2024/09/24	CAM SOP-00307	EPA 8081B/ 8082A
OC Pesticides (Selected) & PCB (3)	20	2024/09/24	2024/09/26	CAM SOP-00307	EPA 8081B/ 8082A
OC Pesticides Summed Parameters	2	N/A	2024/10/01	CAM SOP-00307	EPA 8081B/ 8082A
OC Pesticides Summed Parameters	21	N/A	2024/09/23	CAM SOP-00307	EPA 8081B/ 8082A
PAH Compounds in Soil by GC/MS (SIM)	14	2024/09/23	2024/09/24	CAM SOP-00318	EPA 8270E
pH CaCl2 EXTRACT	7	2024/09/23	2024/09/23	CAM SOP-00413	EPA 9045 D m
pH CaCl2 EXTRACT	14	2024/09/24	2024/09/24	CAM SOP-00413	EPA 9045 D m
Sodium Adsorption Ratio (SAR)	21	N/A	2024/09/24	CAM SOP-00102	EPA 6010C
Volatile Organic Compounds and F1 PHCs	14	N/A	2024/09/23	CAM SOP-00230	EPA 8260C m

Remarks:

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

Your Project #: 21199-001
Your C.O.C. #: C#1011969-01-01

Attention: Maria Strybos

Cambium Environmental Inc
194 Sophia Street
PO Box 325
Peterborough, ON
CANADA K9H 1E5

Report Date: 2024/10/10
Report #: R8357048
Version: 3 - Revision

CERTIFICATE OF ANALYSIS – REVISED REPORT

BUREAU VERITAS JOB #: C4T2597

Received: 2024/09/17, 19:41

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

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

Solid sample results, except biota, are based on dry weight unless otherwise indicated. Organic analyses are not recovery corrected except for isotope dilution methods.
Results relate to samples tested. When sampling is not conducted by Bureau Veritas, results relate to the supplied samples tested.
This Certificate shall not be reproduced except in full, without the written approval of the laboratory.

Reference Method suffix “m” indicates test methods incorporate validated modifications from specific reference methods to improve performance.

* RPDs calculated using raw data. The rounding of final results may result in the apparent difference.

(1) Soils are reported on a dry weight basis unless otherwise specified.
(2) All CCME PHC results met required criteria unless otherwise stated in the report. The CWS PHC methods employed by Bureau Veritas conform to all prescribed elements of the reference method and performance based elements have been validated. All modifications have been validated and proven equivalent following “Alberta Environment’s Interpretation of the Reference Method for the Canada-Wide Standard for Petroleum Hydrocarbons in Soil Validation of Performance-Based Alternative Methods September 2003”. Documentation is available upon request. Modifications from Reference Method for the Canada-wide Standard for Petroleum Hydrocarbons in Soil-Tier 1 Method: F2/F3/F4 data reported using validated cold solvent extraction instead of Soxhlet extraction.
(3) Chlordane (Total) = Alpha Chlordane + Gamma Chlordane

Encryption Key

Please direct all questions regarding this Certificate of Analysis to:
Mayank Nigam, Project Manager
Email: Mayank.Nigam@bureauveritas.com
Phone# (905) 817-5700

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

O.REG 153 METALS & INORGANICS PKG (SOIL)

Bureau Veritas ID			ADGK14			ADGK14		
Sampling Date			2024/09/17			2024/09/17		
COC Number			C#1011969-01-01			C#1011969-01-01		
	UNITS	Criteria	BH201-24_0.3-0.5	RDL	QC Batch	BH201-24_0.3-0.5 Lab-Dup	RDL	QC Batch
Calculated Parameters								
Sodium Adsorption Ratio	N/A	1.0	0.27 (1)		9652754			
Inorganics								
Conductivity	mS/cm	0.47	0.17	0.002	9657613			
Available (CaCl2) pH	pH	-	6.92		9657902			
WAD Cyanide (Free)	ug/g	0.051	<0.01	0.01	9657519			
Chromium (VI)	ug/g	0.66	<0.18	0.18	9657698			
Metals								
Hot Water Ext. Boron (B)	ug/g	-	0.22	0.050	9655554			
Acid Extractable Antimony (Sb)	ug/g	1.0	0.36	0.20	9655449	0.38	0.20	9655449
Acid Extractable Arsenic (As)	ug/g	11	**14**	1.0	9655449	**15**	1.0	9655449
Acid Extractable Barium (Ba)	ug/g	210	140	0.50	9655449	140	0.50	9655449
Acid Extractable Beryllium (Be)	ug/g	2.5	0.71	0.20	9655449	0.71	0.20	9655449
Acid Extractable Boron (B)	ug/g	36	6.3	5.0	9655449	6.6	5.0	9655449
Acid Extractable Cadmium (Cd)	ug/g	1.0	0.25	0.10	9655449	0.26	0.10	9655449
Acid Extractable Chromium (Cr)	ug/g	67	22	1.0	9655449	22	1.0	9655449
Acid Extractable Cobalt (Co)	ug/g	19	11	0.10	9655449	11	0.10	9655449
Acid Extractable Copper (Cu)	ug/g	62	47	0.50	9655449	47	0.50	9655449
Acid Extractable Lead (Pb)	ug/g	45	44	1.0	9655449	45	1.0	9655449
Acid Extractable Molybdenum (Mo)	ug/g	2	0.62	0.50	9655449	0.65	0.50	9655449
Acid Extractable Nickel (Ni)	ug/g	37	26	0.50	9655449	26	0.50	9655449
Acid Extractable Selenium (Se)	ug/g	1.2	<0.50	0.50	9655449	<0.50	0.50	9655449
Acid Extractable Silver (Ag)	ug/g	0.5	<0.20	0.20	9655449	<0.20	0.20	9655449
Acid Extractable Thallium (Tl)	ug/g	1	0.16	0.050	9655449	0.18	0.050	9655449
Acid Extractable Uranium (U)	ug/g	1.9	0.79	0.050	9655449	0.77	0.050	9655449
Acid Extractable Vanadium (V)	ug/g	86	32	5.0	9655449	33	5.0	9655449
Acid Extractable Zinc (Zn)	ug/g	290	75	5.0	9655449	75	5.0	9655449
Acid Extractable Mercury (Hg)	ug/g	0.16	0.097	0.050	9655449	0.070	0.050	9655449

No Fill	No Exceedance
Grey	Exceeds 1 criteria policy/level
Black	Exceeds both criteria/levels

RDL = Reportable Detection Limit
QC Batch = Quality Control Batch
Lab-Dup = Laboratory Initiated Duplicate
Criteria: Ontario Reg. 153/04 (Amended April 15, 2011)
Table 1: Full Depth Background Site Condition Standards
Soil - Agricultural or Other Property Use
(1) Sodium was not detected. To report SAR the sodium detection limit was used in the calculation. This value represents a maximum ratio.

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Microbiology testing is conducted at 6660 Campobello Rd. Chemistry testing is conducted at 6740 Campobello Rd.

Bureau Veritas Job #: C4T2597
Report Date: 2024/10/10

Cambium Environmental Inc
Client Project #: 21199-001
Sampler Initials: RG

O.REG 153 METALS & INORGANICS PKG (SOIL)

Bureau Veritas ID			ADGK16		ADGK18		ADGK20		
Sampling Date			2024/09/17		2024/09/16		2024/09/16		
COC Number			C#1011969-01-01		C#1011969-01-01		C#1011969-01-01		
	UNITS	Criteria	BH202-24_0.5-0.7	QC Batch	BH203-24_0-0.3	QC Batch	BH204-24_0.0-0.3	RDL	QC Batch
Calculated Parameters									
Sodium Adsorption Ratio	N/A	1.0	0.24 (1)	9652754	0.42 (1)	9652754	0.51 (1)		9652754
Inorganics									
Conductivity	mS/cm	0.47	0.20	9657613	0.086	9657613	0.057	0.002	9657613
Available (CaCl2) pH	pH	-	7.62	9658261	4.31	9655594	5.08		9655594
WAD Cyanide (Free)	ug/g	0.051	<0.01	9657515	<0.01	9655410	<0.01	0.01	9655410
Chromium (VI)	ug/g	0.66	<0.18	9657676	0.19	9655091	<0.18	0.18	9655091
Metals									
Hot Water Ext. Boron (B)	ug/g	-	0.054	9655554	0.21	9655554	0.20	0.050	9655554
Acid Extractable Antimony (Sb)	ug/g	1.0	<0.20	9655449	<0.20	9655449	0.21	0.20	9655813
Acid Extractable Arsenic (As)	ug/g	11	5.2	9655449	3.2	9655449	4.6	1.0	9655813
Acid Extractable Barium (Ba)	ug/g	210	57	9655449	72	9655449	120	0.50	9655813
Acid Extractable Beryllium (Be)	ug/g	2.5	0.44	9655449	0.65	9655449	1.0	0.20	9655813
Acid Extractable Boron (B)	ug/g	36	6.2	9655449	<5.0	9655449	10	5.0	9655813
Acid Extractable Cadmium (Cd)	ug/g	1.0	<0.10	9655449	0.21	9655449	0.33	0.10	9655813
Acid Extractable Chromium (Cr)	ug/g	67	14	9655449	19	9655449	29	1.0	9655813
Acid Extractable Cobalt (Co)	ug/g	19	8.4	9655449	8.6	9655449	13	0.10	9655813
Acid Extractable Copper (Cu)	ug/g	62	21	9655449	9.7	9655449	22	0.50	9655813
Acid Extractable Lead (Pb)	ug/g	45	13	9655449	15	9655449	17	1.0	9655813
Acid Extractable Molybdenum (Mo)	ug/g	2	<0.50	9655449	0.56	9655449	0.60	0.50	9655813
Acid Extractable Nickel (Ni)	ug/g	37	17	9655449	17	9655449	28	0.50	9655813
Acid Extractable Selenium (Se)	ug/g	1.2	<0.50	9655449	<0.50	9655449	<0.50	0.50	9655813
Acid Extractable Silver (Ag)	ug/g	0.5	<0.20	9655449	<0.20	9655449	<0.20	0.20	9655813
Acid Extractable Thallium (Tl)	ug/g	1	0.089	9655449	0.13	9655449	0.15	0.050	9655813
Acid Extractable Uranium (U)	ug/g	1.9	0.50	9655449	0.58	9655449	0.86	0.050	9655813
Acid Extractable Vanadium (V)	ug/g	86	23	9655449	30	9655449	36	5.0	9655813
Acid Extractable Zinc (Zn)	ug/g	290	44	9655449	62	9655449	77	5.0	9655813
Acid Extractable Mercury (Hg)	ug/g	0.16	<0.050	9655449	<0.050	9655449	<0.050	0.050	9655813

No Fill	No Exceedance
Grey	Exceeds 1 criteria policy/level
Black	Exceeds both criteria/levels

RDL = Reportable Detection Limit
QC Batch = Quality Control Batch
Criteria: Ontario Reg. 153/04 (Amended April 15, 2011)
Table 1: Full Depth Background Site Condition Standards
Soil - Agricultural or Other Property Use
(1) Sodium was not detected. To report SAR the sodium detection limit was used in the calculation. This value represents a maximum ratio.

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Microbiology testing is conducted at 6660 Campobello Rd. Chemistry testing is conducted at 6740 Campobello Rd.

Bureau Veritas Job #: C4T2597
Report Date: 2024/10/10

Cambium Environmental Inc
Client Project #: 21199-001
Sampler Initials: RG

O.REG 153 METALS & INORGANICS PKG (SOIL)

Bureau Veritas ID			ADGK22		ADGK24		ADGK26		
Sampling Date			2024/09/16		2024/09/16		2024/09/17		
COC Number			C#1011969-01-01		C#1011969-01-01		C#1011969-01-01		
	UNITS	Criteria	BH205-24_0.5-0.7	QC Batch	BH206-24_0.5-0.7	QC Batch	BH207-24_0.3-0.5	RDL	QC Batch
Calculated Parameters									
Sodium Adsorption Ratio	N/A	1.0	0.24	9652754	0.24 (1)	9652754	0.25 (1)		9652754
Inorganics									
Conductivity	mS/cm	0.47	0.25	9657613	0.19	9657613	0.18	0.002	9657613
Available (CaCl2) pH	pH	-	7.59	9657902	7.57	9658261	7.59		9658261
WAD Cyanide (Free)	ug/g	0.051	<0.01	9657519	<0.01	9657515	<0.01	0.01	9657515
Chromium (VI)	ug/g	0.66	<0.18	9657698	0.19	9657761	<0.18	0.18	9657676
Metals									
Hot Water Ext. Boron (B)	ug/g	-	0.075	9655554	0.053	9655554	0.14	0.050	9655554
Acid Extractable Antimony (Sb)	ug/g	1.0	<0.20	9655449	<0.20	9655449	0.25	0.20	9655449
Acid Extractable Arsenic (As)	ug/g	11	5.3	9655449	6.1	9655449	5.2	1.0	9655449
Acid Extractable Barium (Ba)	ug/g	210	110	9655449	120	9655449	130	0.50	9655449
Acid Extractable Beryllium (Be)	ug/g	2.5	0.75	9655449	0.89	9655449	0.90	0.20	9655449
Acid Extractable Boron (B)	ug/g	36	10	9655449	11	9655449	15	5.0	9655449
Acid Extractable Cadmium (Cd)	ug/g	1.0	0.11	9655449	0.14	9655449	0.14	0.10	9655449
Acid Extractable Chromium (Cr)	ug/g	67	21	9655449	25	9655449	24	1.0	9655449
Acid Extractable Cobalt (Co)	ug/g	19	13	9655449	14	9655449	15	0.10	9655449
Acid Extractable Copper (Cu)	ug/g	62	31	9655449	23	9655449	21	0.50	9655449
Acid Extractable Lead (Pb)	ug/g	45	15	9655449	14	9655449	17	1.0	9655449
Acid Extractable Molybdenum (Mo)	ug/g	2	0.53	9655449	<0.50	9655449	0.68	0.50	9655449
Acid Extractable Nickel (Ni)	ug/g	37	28	9655449	30	9655449	31	0.50	9655449
Acid Extractable Selenium (Se)	ug/g	1.2	<0.50	9655449	<0.50	9655449	<0.50	0.50	9655449
Acid Extractable Silver (Ag)	ug/g	0.5	<0.20	9655449	<0.20	9655449	<0.20	0.20	9655449
Acid Extractable Thallium (Tl)	ug/g	1	0.15	9655449	0.17	9655449	0.15	0.050	9655449
Acid Extractable Uranium (U)	ug/g	1.9	0.75	9655449	0.57	9655449	0.56	0.050	9655449
Acid Extractable Vanadium (V)	ug/g	86	29	9655449	35	9655449	35	5.0	9655449
Acid Extractable Zinc (Zn)	ug/g	290	64	9655449	71	9655449	71	5.0	9655449
Acid Extractable Mercury (Hg)	ug/g	0.16	<0.050	9655449	<0.050	9655449	<0.050	0.050	9655449

No Fill	No Exceedance
Grey	Exceeds 1 criteria policy/level
Black	Exceeds both criteria/levels

RDL = Reportable Detection Limit
QC Batch = Quality Control Batch
Criteria: Ontario Reg. 153/04 (Amended April 15, 2011)
Table 1: Full Depth Background Site Condition Standards
Soil - Agricultural or Other Property Use
(1) Sodium was not detected. To report SAR the sodium detection limit was used in the calculation. This value represents a maximum ratio.

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Microbiology testing is conducted at 6660 Campobello Rd. Chemistry testing is conducted at 6740 Campobello Rd.

O.REG 153 METALS & INORGANICS PKG (SOIL)

Bureau Veritas ID			ADGK28		ADGK30		ADGK32		
Sampling Date			2024/09/17		2024/09/17		2024/09/17		
COC Number			C#1011969-01-01		C#1011969-01-01		C#1011969-01-01		
	UNITS	Criteria	BH208-24_0.3-0.5	QC Batch	BH209-24_0.3-0.5	QC Batch	BH210-24_0.3-0.5	RDL	QC Batch
Calculated Parameters									
Sodium Adsorption Ratio	N/A	1.0	0.22 (1)	9652754	0.24 (1)	9652754	0.26 (1)		9652754
Inorganics									
Conductivity	mS/cm	0.47	0.23	9657613	0.20	9655759	0.17	0.002	9657613
Available (CaCl2) pH	pH	-	7.55	9658261	7.55	9657902	7.61		9657902
WAD Cyanide (Free)	ug/g	0.051	<0.01	9657515	<0.01	9657519	<0.01	0.01	9657519
Chromium (VI)	ug/g	0.66	<0.18	9657676	0.30	9657698	<0.18	0.18	9657698
Metals									
Hot Water Ext. Boron (B)	ug/g	-	0.093	9655554	0.069	9655554	0.076	0.050	9655554
Acid Extractable Antimony (Sb)	ug/g	1.0	0.22	9655449	0.21	9655449	0.22	0.20	9655449
Acid Extractable Arsenic (As)	ug/g	11	4.8	9655449	5.2	9655449	4.6	1.0	9655449
Acid Extractable Barium (Ba)	ug/g	210	110	9655449	140	9655449	160	0.50	9655449
Acid Extractable Beryllium (Be)	ug/g	2.5	0.88	9655449	0.98	9655449	0.84	0.20	9655449
Acid Extractable Boron (B)	ug/g	36	9.4	9655449	11	9655449	12	5.0	9655449
Acid Extractable Cadmium (Cd)	ug/g	1.0	0.14	9655449	0.15	9655449	0.14	0.10	9655449
Acid Extractable Chromium (Cr)	ug/g	67	24	9655449	26	9655449	22	1.0	9655449
Acid Extractable Cobalt (Co)	ug/g	19	13	9655449	14	9655449	12	0.10	9655449
Acid Extractable Copper (Cu)	ug/g	62	24	9655449	24	9655449	20	0.50	9655449
Acid Extractable Lead (Pb)	ug/g	45	15	9655449	16	9655449	13	1.0	9655449
Acid Extractable Molybdenum (Mo)	ug/g	2	<0.50	9655449	<0.50	9655449	<0.50	0.50	9655449
Acid Extractable Nickel (Ni)	ug/g	37	29	9655449	31	9655449	27	0.50	9655449
Acid Extractable Selenium (Se)	ug/g	1.2	<0.50	9655449	<0.50	9655449	<0.50	0.50	9655449
Acid Extractable Silver (Ag)	ug/g	0.5	<0.20	9655449	<0.20	9655449	<0.20	0.20	9655449
Acid Extractable Thallium (Tl)	ug/g	1	0.17	9655449	0.17	9655449	0.13	0.050	9655449
Acid Extractable Uranium (U)	ug/g	1.9	0.58	9655449	0.59	9655449	0.67	0.050	9655449
Acid Extractable Vanadium (V)	ug/g	86	34	9655449	37	9655449	31	5.0	9655449
Acid Extractable Zinc (Zn)	ug/g	290	66	9655449	72	9655449	56	5.0	9655449
Acid Extractable Mercury (Hg)	ug/g	0.16	<0.050	9655449	<0.050	9655449	<0.050	0.050	9655449

No Fill	No Exceedance
Grey	Exceeds 1 criteria policy/level
Black	Exceeds both criteria/levels

RDL = Reportable Detection Limit
QC Batch = Quality Control Batch
Criteria: Ontario Reg. 153/04 (Amended April 15, 2011)
Table 1: Full Depth Background Site Condition Standards
Soil - Agricultural or Other Property Use
(1) Sodium was not detected. To report SAR the sodium detection limit was used in the calculation. This value represents a maximum ratio.

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O.REG 153 METALS & INORGANICS PKG (SOIL)

Bureau Veritas ID			ADGK34		ADGK36	ADGK38		
Sampling Date			2024/09/17		2024/09/17	2024/09/17		
COC Number			C#1011969-01-01		C#1011969-01-01	C#1011969-01-01		
	UNITS	Criteria	BH211-24_0.3-0.5	QC Batch	BH212-24_0-0.3	BH213-24_0-0.3	RDL	QC Batch
Calculated Parameters								
Sodium Adsorption Ratio	N/A	1.0	0.25 (1)	9652754	0.42 (1)	0.36		9652754
Inorganics								
Conductivity	mS/cm	0.47	0.17	9657613	0.075	0.20	0.002	9657613
Available (CaCl2) pH	pH	-	7.29	9658261	5.77	6.92		9655594
WAD Cyanide (Free)	ug/g	0.051	<0.01	9657515	<0.01	<0.01	0.01	9655410
Chromium (VI)	ug/g	0.66	0.33	9657698	0.18	0.27	0.18	9655091
Metals								
Hot Water Ext. Boron (B)	ug/g	-	0.16	9655554	0.18	0.14	0.050	9655554
Acid Extractable Antimony (Sb)	ug/g	1.0	<0.20	9655449	0.25	<0.20	0.20	9655449
Acid Extractable Arsenic (As)	ug/g	11	4.5	9655449	4.5	5.6	1.0	9655449
Acid Extractable Barium (Ba)	ug/g	210	71	9655449	100	210	0.50	9655449
Acid Extractable Beryllium (Be)	ug/g	2.5	0.73	9655449	0.90	1.0	0.20	9655449
Acid Extractable Boron (B)	ug/g	36	6.9	9655449	8.4	8.7	5.0	9655449
Acid Extractable Cadmium (Cd)	ug/g	1.0	0.11	9655449	0.12	0.23	0.10	9655449
Acid Extractable Chromium (Cr)	ug/g	67	22	9655449	26	27	1.0	9655449
Acid Extractable Cobalt (Co)	ug/g	19	11	9655449	15	12	0.10	9655449
Acid Extractable Copper (Cu)	ug/g	62	26	9655449	17	19	0.50	9655449
Acid Extractable Lead (Pb)	ug/g	45	13	9655449	16	17	1.0	9655449
Acid Extractable Molybdenum (Mo)	ug/g	2	<0.50	9655449	0.66	0.81	0.50	9655449
Acid Extractable Nickel (Ni)	ug/g	37	24	9655449	28	27	0.50	9655449
Acid Extractable Selenium (Se)	ug/g	1.2	<0.50	9655449	<0.50	<0.50	0.50	9655449
Acid Extractable Silver (Ag)	ug/g	0.5	<0.20	9655449	<0.20	<0.20	0.20	9655449
Acid Extractable Thallium (Tl)	ug/g	1	0.14	9655449	0.16	0.15	0.050	9655449
Acid Extractable Uranium (U)	ug/g	1.9	0.54	9655449	0.61	1.5	0.050	9655449
Acid Extractable Vanadium (V)	ug/g	86	32	9655449	38	41	5.0	9655449
Acid Extractable Zinc (Zn)	ug/g	290	57	9655449	74	71	5.0	9655449
Acid Extractable Mercury (Hg)	ug/g	0.16	<0.050	9655449	<0.050	<0.050	0.050	9655449

No Fill	No Exceedance
Grey	Exceeds 1 criteria policy/level
Black	Exceeds both criteria/levels

RDL = Reportable Detection Limit
QC Batch = Quality Control Batch
Criteria: Ontario Reg. 153/04 (Amended April 15, 2011)
Table 1: Full Depth Background Site Condition Standards
Soil - Agricultural or Other Property Use
(1) Sodium was not detected. To report SAR the sodium detection limit was used in the calculation. This value represents a maximum ratio.

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Microbiology testing is conducted at 6660 Campobello Rd. Chemistry testing is conducted at 6740 Campobello Rd.

O.REG 153 METALS & INORGANICS PKG (SOIL)

Bureau Veritas ID			ADGK40		ADGK42		
Sampling Date			2024/09/17		2024/09/17		
COC Number			C#1011969-01-01		C#1011969-01-01		
	UNITS	Criteria	BH214-24_0-0.3	QC Batch	BH215-24_0-0.3	RDL	QC Batch
Calculated Parameters							
Sodium Adsorption Ratio	N/A	1.0	0.46 (1)	9652754	0.38 (1)		9652754
Inorganics							
Conductivity	mS/cm	0.47	0.067	9657613	0.092	0.002	9657613
Available (CaCl2) pH	pH	-	6.42	9655594	5.20		9655594
WAD Cyanide (Free)	ug/g	0.051	<0.01	9655410	<0.01	0.01	9655410
Chromium (VI)	ug/g	0.66	0.33	9655091	0.21	0.18	9655091
Metals							
Hot Water Ext. Boron (B)	ug/g	-	0.23	9655564	0.36	0.050	9655554
Acid Extractable Antimony (Sb)	ug/g	1.0	0.30	9655449	<0.20	0.20	9655449
Acid Extractable Arsenic (As)	ug/g	11	4.3	9655449	6.3	1.0	9655449
Acid Extractable Barium (Ba)	ug/g	210	86	9655449	130	0.50	9655449
Acid Extractable Beryllium (Be)	ug/g	2.5	0.98	9655449	0.93	0.20	9655449
Acid Extractable Boron (B)	ug/g	36	14	9655449	6.4	5.0	9655449
Acid Extractable Cadmium (Cd)	ug/g	1.0	0.31	9655449	0.32	0.10	9655449
Acid Extractable Chromium (Cr)	ug/g	67	26	9655449	25	1.0	9655449
Acid Extractable Cobalt (Co)	ug/g	19	14	9655449	10	0.10	9655449
Acid Extractable Copper (Cu)	ug/g	62	12	9655449	20	0.50	9655449
Acid Extractable Lead (Pb)	ug/g	45	17	9655449	23	1.0	9655449
Acid Extractable Molybdenum (Mo)	ug/g	2	0.76	9655449	0.82	0.50	9655449
Acid Extractable Nickel (Ni)	ug/g	37	29	9655449	22	0.50	9655449
Acid Extractable Selenium (Se)	ug/g	1.2	<0.50	9655449	<0.50	0.50	9655449
Acid Extractable Silver (Ag)	ug/g	0.5	<0.20	9655449	<0.20	0.20	9655449
Acid Extractable Thallium (Tl)	ug/g	1	0.13	9655449	0.17	0.050	9655449
Acid Extractable Uranium (U)	ug/g	1.9	0.76	9655449	1.1	0.050	9655449
Acid Extractable Vanadium (V)	ug/g	86	33	9655449	35	5.0	9655449
Acid Extractable Zinc (Zn)	ug/g	290	78	9655449	77	5.0	9655449
Acid Extractable Mercury (Hg)	ug/g	0.16	<0.050	9655449	<0.050	0.050	9655449

No Fill	No Exceedance
Grey	Exceeds 1 criteria policy/level
Black	Exceeds both criteria/levels

RDL = Reportable Detection Limit
QC Batch = Quality Control Batch
Criteria: Ontario Reg. 153/04 (Amended April 15, 2011)
Table 1: Full Depth Background Site Condition Standards
Soil - Agricultural or Other Property Use
(1) Sodium was not detected. To report SAR the sodium detection limit was used in the calculation. This value represents a maximum ratio.

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O.REG 153 METALS & INORGANICS PKG (SOIL)

Bureau Veritas ID			ADGK42			ADGK44		
Sampling Date			2024/09/17			2024/09/16		
COC Number			C#1011969-01-01			C#1011969-01-01		
	UNITS	Criteria	BH215-24_0-0.3 Lab-Dup	RDL	QC Batch	BH216-24_0.3-0.5	RDL	QC Batch
Calculated Parameters								
Sodium Adsorption Ratio	N/A	1.0				0.26 (1)		9652754
Inorganics								
Conductivity	mS/cm	0.47	0.092	0.002	9657613	0.16	0.002	9657613
Available (CaCl2) pH	pH	-	5.20		9655594	7.50		9658261
WAD Cyanide (Free)	ug/g	0.051	<0.01	0.01	9655410	<0.01	0.01	9657515
Chromium (VI)	ug/g	0.66	0.32	0.18	9655091	<0.18	0.18	9657698
Metals								
Hot Water Ext. Boron (B)	ug/g	-				0.052	0.050	9655554
Acid Extractable Antimony (Sb)	ug/g	1.0				<0.20	0.20	9655449
Acid Extractable Arsenic (As)	ug/g	11				4.3	1.0	9655449
Acid Extractable Barium (Ba)	ug/g	210				100	0.50	9655449
Acid Extractable Beryllium (Be)	ug/g	2.5				0.76	0.20	9655449
Acid Extractable Boron (B)	ug/g	36				10	5.0	9655449
Acid Extractable Cadmium (Cd)	ug/g	1.0				0.20	0.10	9655449
Acid Extractable Chromium (Cr)	ug/g	67				22	1.0	9655449
Acid Extractable Cobalt (Co)	ug/g	19				12	0.10	9655449
Acid Extractable Copper (Cu)	ug/g	62				23	0.50	9655449
Acid Extractable Lead (Pb)	ug/g	45				17	1.0	9655449
Acid Extractable Molybdenum (Mo)	ug/g	2				<0.50	0.50	9655449
Acid Extractable Nickel (Ni)	ug/g	37				27	0.50	9655449
Acid Extractable Selenium (Se)	ug/g	1.2				<0.50	0.50	9655449
Acid Extractable Silver (Ag)	ug/g	0.5				<0.20	0.20	9655449
Acid Extractable Thallium (Tl)	ug/g	1				0.15	0.050	9655449
Acid Extractable Uranium (U)	ug/g	1.9				0.54	0.050	9655449
Acid Extractable Vanadium (V)	ug/g	86				30	5.0	9655449
Acid Extractable Zinc (Zn)	ug/g	290				66	5.0	9655449
Acid Extractable Mercury (Hg)	ug/g	0.16				<0.050	0.050	9655449

No Fill	No Exceedance
Grey	Exceeds 1 criteria policy/level
Black	Exceeds both criteria/levels

RDL = Reportable Detection Limit
QC Batch = Quality Control Batch
Lab-Dup = Laboratory Initiated Duplicate
Criteria: Ontario Reg. 153/04 (Amended April 15, 2011)
Table 1: Full Depth Background Site Condition Standards
Soil - Agricultural or Other Property Use
(1) Sodium was not detected. To report SAR the sodium detection limit was used in the calculation. This value represents a maximum ratio.

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O.REG 153 METALS & INORGANICS PKG (SOIL)

Bureau Veritas ID			ADGK46		ADGK48		
Sampling Date			2024/09/17		2024/09/16		
COC Number			C#1011969-01-01		C#1011969-01-01		
	UNITS	Criteria	BH217-24_0.3-0.5	QC Batch	BH218-24_0.3-0.5	RDL	QC Batch
Calculated Parameters							
Sodium Adsorption Ratio	N/A	1.0	0.24 (1)	9652754	0.21 (1)		9652754
Inorganics							
Conductivity	mS/cm	0.47	0.18	9657613	0.23	0.002	9657613
Available (CaCl2) pH	pH	-	7.43	9657902	7.33		9658261
WAD Cyanide (Free)	ug/g	0.051	<0.01	9657519	<0.01	0.01	9657515
Chromium (VI)	ug/g	0.66	0.23	9657698	0.22	0.18	9657698
Metals							
Hot Water Ext. Boron (B)	ug/g	-	0.075	9655554	0.061	0.050	9655554
Acid Extractable Antimony (Sb)	ug/g	1.0	0.21	9655449	0.25	0.20	9655449
Acid Extractable Arsenic (As)	ug/g	11	5.1	9655449	4.9	1.0	9655449
Acid Extractable Barium (Ba)	ug/g	210	91	9655449	100	0.50	9655449
Acid Extractable Beryllium (Be)	ug/g	2.5	0.86	9655449	0.93	0.20	9655449
Acid Extractable Boron (B)	ug/g	36	13	9655449	13	5.0	9655449
Acid Extractable Cadmium (Cd)	ug/g	1.0	0.19	9655449	0.20	0.10	9655449
Acid Extractable Chromium (Cr)	ug/g	67	24	9655449	25	1.0	9655449
Acid Extractable Cobalt (Co)	ug/g	19	15	9655449	14	0.10	9655449
Acid Extractable Copper (Cu)	ug/g	62	26	9655449	19	0.50	9655449
Acid Extractable Lead (Pb)	ug/g	45	15	9655449	17	1.0	9655449
Acid Extractable Molybdenum (Mo)	ug/g	2	0.57	9655449	0.66	0.50	9655449
Acid Extractable Nickel (Ni)	ug/g	37	31	9655449	31	0.50	9655449
Acid Extractable Selenium (Se)	ug/g	1.2	<0.50	9655449	<0.50	0.50	9655449
Acid Extractable Silver (Ag)	ug/g	0.5	<0.20	9655449	<0.20	0.20	9655449
Acid Extractable Thallium (Tl)	ug/g	1	0.14	9655449	0.14	0.050	9655449
Acid Extractable Uranium (U)	ug/g	1.9	0.58	9655449	0.65	0.050	9655449
Acid Extractable Vanadium (V)	ug/g	86	34	9655449	34	5.0	9655449
Acid Extractable Zinc (Zn)	ug/g	290	71	9655449	70	5.0	9655449
Acid Extractable Mercury (Hg)	ug/g	0.16	<0.050	9655449	<0.050	0.050	9655449

No Fill	No Exceedance
Grey	Exceeds 1 criteria policy/level
Black	Exceeds both criteria/levels

RDL = Reportable Detection Limit
QC Batch = Quality Control Batch
Criteria: Ontario Reg. 153/04 (Amended April 15, 2011)
Table 1: Full Depth Background Site Condition Standards
Soil - Agricultural or Other Property Use
(1) Sodium was not detected. To report SAR the sodium detection limit was used in the calculation. This value represents a maximum ratio.

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O.REG 153 METALS & INORGANICS PKG (SOIL)

Bureau Veritas ID			ADGK48			ADGK50		
Sampling Date			2024/09/16			2024/09/16		
COC Number			C#1011969-01-01			C#1011969-01-01		
	UNITS	Criteria	BH218-24_0.3-0.5 Lab-Dup	RDL	QC Batch	QA/QC1	RDL	QC Batch
Calculated Parameters								
Sodium Adsorption Ratio	N/A	1.0				0.23 (1)		9652754
Inorganics								
Conductivity	mS/cm	0.47				0.20	0.002	9657613
Available (CaCl2) pH	pH	-				7.48		9657902
WAD Cyanide (Free)	ug/g	0.051				<0.01	0.01	9657519
Chromium (VI)	ug/g	0.66				0.36	0.18	9657698
Metals								
Hot Water Ext. Boron (B)	ug/g	-	0.053	0.050	9655554	0.096	0.050	9655554
Acid Extractable Antimony (Sb)	ug/g	1.0				<0.20	0.20	9655449
Acid Extractable Arsenic (As)	ug/g	11				4.2	1.0	9655449
Acid Extractable Barium (Ba)	ug/g	210				100	0.50	9655449
Acid Extractable Beryllium (Be)	ug/g	2.5				0.80	0.20	9655449
Acid Extractable Boron (B)	ug/g	36				9.0	5.0	9655449
Acid Extractable Cadmium (Cd)	ug/g	1.0				0.38	0.10	9655449
Acid Extractable Chromium (Cr)	ug/g	67				21	1.0	9655449
Acid Extractable Cobalt (Co)	ug/g	19				12	0.10	9655449
Acid Extractable Copper (Cu)	ug/g	62				21	0.50	9655449
Acid Extractable Lead (Pb)	ug/g	45				16	1.0	9655449
Acid Extractable Molybdenum (Mo)	ug/g	2				<0.50	0.50	9655449
Acid Extractable Nickel (Ni)	ug/g	37				26	0.50	9655449
Acid Extractable Selenium (Se)	ug/g	1.2				<0.50	0.50	9655449
Acid Extractable Silver (Ag)	ug/g	0.5				<0.20	0.20	9655449
Acid Extractable Thallium (Tl)	ug/g	1				0.14	0.050	9655449
Acid Extractable Uranium (U)	ug/g	1.9				0.58	0.050	9655449
Acid Extractable Vanadium (V)	ug/g	86				31	5.0	9655449
Acid Extractable Zinc (Zn)	ug/g	290				66	5.0	9655449
Acid Extractable Mercury (Hg)	ug/g	0.16				<0.050	0.050	9655449

No Fill	No Exceedance
Grey	Exceeds 1 criteria policy/level
Black	Exceeds both criteria/levels

RDL = Reportable Detection Limit
QC Batch = Quality Control Batch
Lab-Dup = Laboratory Initiated Duplicate
Criteria: Ontario Reg. 153/04 (Amended April 15, 2011)
Table 1: Full Depth Background Site Condition Standards
Soil - Agricultural or Other Property Use
(1) Sodium was not detected. To report SAR the sodium detection limit was used in the calculation. This value represents a maximum ratio.

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O.REG 153 METALS & INORGANICS PKG (SOIL)

Bureau Veritas ID			ADGK52		ADGK53		
Sampling Date			2024/09/17		2024/09/17		
COC Number			C#1011969-01-01		C#1011969-01-01		
	UNITS	Criteria	QA/QC2	QC Batch	QA/QC3	RDL	QC Batch
Calculated Parameters							
Sodium Adsorption Ratio	N/A	1.0	0.32 (1)	9652555	0.21 (1)		9652555
Inorganics							
Conductivity	mS/cm	0.47	0.12	9657613	0.26	0.002	9657613
Available (CaCl2) pH	pH	-	5.08	9655594	7.44		9658261
WAD Cyanide (Free)	ug/g	0.051	<0.01	9655410	<0.01	0.01	9657515
Chromium (VI)	ug/g	0.66	0.23	9655091	0.30	0.18	9657676
Metals							
Hot Water Ext. Boron (B)	ug/g	-	0.42	9655554	0.077	0.050	9655554
Acid Extractable Antimony (Sb)	ug/g	1.0	<0.20	9655449	0.21	0.20	9655449
Acid Extractable Arsenic (As)	ug/g	11	7.3	9655449	4.8	1.0	9655449
Acid Extractable Barium (Ba)	ug/g	210	130	9655449	120	0.50	9655449
Acid Extractable Beryllium (Be)	ug/g	2.5	0.86	9655449	1.0	0.20	9655449
Acid Extractable Boron (B)	ug/g	36	6.1	9655449	11	5.0	9655449
Acid Extractable Cadmium (Cd)	ug/g	1.0	0.60	9655449	0.18	0.10	9655449
Acid Extractable Chromium (Cr)	ug/g	67	24	9655449	26	1.0	9655449
Acid Extractable Cobalt (Co)	ug/g	19	9.4	9655449	13	0.10	9655449
Acid Extractable Copper (Cu)	ug/g	62	21	9655449	25	0.50	9655449
Acid Extractable Lead (Pb)	ug/g	45	29	9655449	15	1.0	9655449
Acid Extractable Molybdenum (Mo)	ug/g	2	0.77	9655449	<0.50	0.50	9655449
Acid Extractable Nickel (Ni)	ug/g	37	22	9655449	32	0.50	9655449
Acid Extractable Selenium (Se)	ug/g	1.2	<0.50	9655449	<0.50	0.50	9655449
Acid Extractable Silver (Ag)	ug/g	0.5	<0.20	9655449	<0.20	0.20	9655449
Acid Extractable Thallium (Tl)	ug/g	1	0.15	9655449	0.18	0.050	9655449
Acid Extractable Uranium (U)	ug/g	1.9	1.1	9655449	0.63	0.050	9655449
Acid Extractable Vanadium (V)	ug/g	86	33	9655449	37	5.0	9655449
Acid Extractable Zinc (Zn)	ug/g	290	83	9655449	71	5.0	9655449
Acid Extractable Mercury (Hg)	ug/g	0.16	<0.050	9655449	<0.050	0.050	9655449

No Fill	No Exceedance
Grey	Exceeds 1 criteria policy/level
Black	Exceeds both criteria/levels

RDL = Reportable Detection Limit
QC Batch = Quality Control Batch
Criteria: Ontario Reg. 153/04 (Amended April 15, 2011)
Table 1: Full Depth Background Site Condition Standards
Soil - Agricultural or Other Property Use
(1) Sodium was not detected. To report SAR the sodium detection limit was used in the calculation. This value represents a maximum ratio.

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O.REG 153 OC PESTICIDES (SOIL)

Bureau Veritas ID			ADGK14			ADGK15		
Sampling Date			2024/09/17			2024/09/17		
COC Number			C#1011969-01-01			C#1011969-01-01		
	UNITS	Criteria	BH201-24_0.3-0.5	RDL	QC Batch	BH201-24_0.5-0.7	RDL	QC Batch
Calculated Parameters								
Chlordane (Total)	ug/g	0.05	<0.0020	0.0020	9652753	<0.0020	0.0020	9673199
o,p-DDD + p,p-DDD	ug/g	0.05	0.0095	0.0020	9652753	0.0022	0.0020	9673199
o,p-DDE + p,p-DDE	ug/g	0.05	**0.49**	0.20	9652753	**0.16**	0.020	9673199
o,p-DDT + p,p-DDT	ug/g	0.078	**0.13**	0.020	9652753	0.048	0.020	9673199
Total Endosulfan	ug/g	0.04	<0.0020	0.0020	9652753	<0.0020	0.0020	9673199
Total PCB	ug/g	0.3	<0.015	0.015	9652753	<0.015	0.015	9673199
Pesticides & Herbicides								
Aldrin	ug/g	0.05	<0.0020	0.0020	9657506	<0.0020	0.0020	9681531
a-Chlordane	ug/g	0.05	<0.0020	0.0020	9657506	<0.0020	0.0020	9681531
g-Chlordane	ug/g	0.05	<0.0020	0.0020	9657506	<0.0020	0.0020	9681531
o,p-DDD	ug/g	0.05	<0.0020	0.0020	9657506	<0.0020	0.0020	9681531
p,p-DDD	ug/g	0.05	0.0095	0.0020	9657506	0.0022	0.0020	9681531
o,p-DDE	ug/g	0.05	<0.0020	0.0020	9657506	<0.0020	0.0020	9681531
p,p-DDE	ug/g	0.05	**0.49**	0.20	9657506	**0.16**	0.020	9681531
o,p-DDT	ug/g	0.078	0.0071	0.0020	9657506	0.0030	0.0020	9681531
p,p-DDT	ug/g	0.078	**0.13**	0.020	9657506	0.045	0.020	9681531
Dieldrin	ug/g	0.05	<0.0020	0.0020	9657506	<0.0020	0.0020	9681531
Lindane	ug/g	0.01	<0.0020	0.0020	9657506	<0.0020	0.0020	9681531
Endosulfan I (alpha)	ug/g	0.04	<0.0020	0.0020	9657506	<0.0020	0.0020	9681531
Endosulfan II (beta)	ug/g	0.04	<0.0020	0.0020	9657506	<0.0020	0.0020	9681531
Endrin	ug/g	0.04	<0.0020	0.0020	9657506	<0.0020	0.0020	9681531
Heptachlor	ug/g	0.05	<0.0020	0.0020	9657506	<0.0020	0.0020	9681531
Heptachlor epoxide	ug/g	0.05	<0.0020	0.0020	9657506	<0.0020	0.0020	9681531
Hexachlorobenzene	ug/g	0.01	<0.0020	0.0020	9657506	<0.0020	0.0020	9681531
Hexachlorobutadiene	ug/g	0.01	<0.0020	0.0020	9657506	<0.0020	0.0020	9681531
Hexachloroethane	ug/g	0.01	<0.0020	0.0020	9657506	<0.0020	0.0020	9681531
Methoxychlor	ug/g	0.05	<0.010 (1)	0.010	9657506	<0.0050	0.0050	9681531
Aroclor 1242	ug/g	-	<0.015	0.015	9657506	<0.015	0.015	9681531
Aroclor 1248	ug/g	-	<0.015	0.015	9657506	<0.015	0.015	9681531

No Fill	No Exceedance
Grey	Exceeds 1 criteria policy/level
Black	Exceeds both criteria/levels

RDL = Reportable Detection Limit
QC Batch = Quality Control Batch
Criteria: Ontario Reg. 153/04 (Amended April 15, 2011)
Table 1: Full Depth Background Site Condition Standards
Soil - Agricultural or Other Property Use
(1) Detection Limit was raised due to matrix interferences.

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Microbiology testing is conducted at 6660 Campobello Rd. Chemistry testing is conducted at 6740 Campobello Rd.

O.REG 153 OC PESTICIDES (SOIL)

Bureau Veritas ID			ADGK14			ADGK15		
Sampling Date			2024/09/17			2024/09/17		
COC Number			C#1011969-01-01			C#1011969-01-01		
	UNITS	Criteria	BH201-24_0.3-0.5	RDL	QC Batch	BH201-24_0.5-0.7	RDL	QC Batch
Aroclor 1254	ug/g	-	<0.015	0.015	9657506	<0.015	0.015	9681531
Aroclor 1260	ug/g	-	<0.015	0.015	9657506	<0.015	0.015	9681531
Surrogate Recovery (%)								
2,4,5,6-Tetrachloro-m-xylene	%	-	103		9657506	72		9681531
Decachlorobiphenyl	%	-	81		9657506	92		9681531

No Fill	No Exceedance
Grey	Exceeds 1 criteria policy/level
Black	Exceeds both criteria/levels

RDL = Reportable Detection Limit
QC Batch = Quality Control Batch
Criteria: Ontario Reg. 153/04 (Amended April 15, 2011)
Table 1: Full Depth Background Site Condition Standards
Soil - Agricultural or Other Property Use

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O.REG 153 OC PESTICIDES (SOIL)

Bureau Veritas ID			ADGK16			ADGK17		
Sampling Date			2024/09/17			2024/09/17		
COC Number			C#1011969-01-01			C#1011969-01-01		
	UNITS	Criteria	BH202-24_0.5-0.7	RDL	QC Batch	BH202-24_0.7-0.9	RDL	QC Batch
Calculated Parameters								
Chlordane (Total)	ug/g	0.05	<0.0020	0.0020	9652753	<0.0020	0.0020	9673199
o,p-DDD + p,p-DDD	ug/g	0.05	<0.0020	0.0020	9652753	<0.0020	0.0020	9673199
o,p-DDE + p,p-DDE	ug/g	0.05	**0.052**	0.020	9652753	**0.060**	0.010	9673199
o,p-DDT + p,p-DDT	ug/g	0.078	0.0088	0.0020	9652753	0.011	0.0020	9673199
Total Endosulfan	ug/g	0.04	<0.0020	0.0020	9652753	<0.0020	0.0020	9673199
Total PCB	ug/g	0.3	<0.015	0.015	9652753	<0.015	0.015	9673199
Pesticides & Herbicides								
Aldrin	ug/g	0.05	<0.0020	0.0020	9657506	<0.0020	0.0020	9681531
a-Chlordane	ug/g	0.05	<0.0020	0.0020	9657506	<0.0020	0.0020	9681531
g-Chlordane	ug/g	0.05	<0.0020	0.0020	9657506	<0.0020	0.0020	9681531
o,p-DDD	ug/g	0.05	<0.0020	0.0020	9657506	<0.0020	0.0020	9681531
p,p-DDD	ug/g	0.05	<0.0020	0.0020	9657506	<0.0020	0.0020	9681531
o,p-DDE	ug/g	0.05	<0.0020	0.0020	9657506	<0.0020	0.0020	9681531
p,p-DDE	ug/g	0.05	**0.052**	0.020	9657506	**0.060**	0.010	9681531
o,p-DDT	ug/g	0.078	<0.0020	0.0020	9657506	<0.0020	0.0020	9681531
p,p-DDT	ug/g	0.078	0.0088	0.0020	9657506	0.011	0.0020	9681531
Dieldrin	ug/g	0.05	<0.0020	0.0020	9657506	<0.0020	0.0020	9681531
Lindane	ug/g	0.01	<0.0020	0.0020	9657506	<0.0020	0.0020	9681531
Endosulfan I (alpha)	ug/g	0.04	<0.0020	0.0020	9657506	<0.0020	0.0020	9681531
Endosulfan II (beta)	ug/g	0.04	<0.0020	0.0020	9657506	<0.0020	0.0020	9681531
Endrin	ug/g	0.04	<0.0020	0.0020	9657506	<0.0020	0.0020	9681531
Heptachlor	ug/g	0.05	<0.0020	0.0020	9657506	<0.0020	0.0020	9681531
Heptachlor epoxide	ug/g	0.05	<0.0020	0.0020	9657506	<0.0020	0.0020	9681531
Hexachlorobenzene	ug/g	0.01	<0.0020	0.0020	9657506	<0.0020	0.0020	9681531
Hexachlorobutadiene	ug/g	0.01	<0.0020	0.0020	9657506	<0.0020	0.0020	9681531
Hexachloroethane	ug/g	0.01	<0.0020	0.0020	9657506	<0.0020	0.0020	9681531
Methoxychlor	ug/g	0.05	<0.0050	0.0050	9657506	<0.0050	0.0050	9681531
Aroclor 1242	ug/g	-	<0.015	0.015	9657506	<0.015	0.015	9681531
Aroclor 1248	ug/g	-	<0.015	0.015	9657506	<0.015	0.015	9681531
Aroclor 1254	ug/g	-	<0.015	0.015	9657506	<0.015	0.015	9681531

No Fill	No Exceedance
Grey	Exceeds 1 criteria policy/level
Black	Exceeds both criteria/levels

RDL = Reportable Detection Limit
QC Batch = Quality Control Batch
Criteria: Ontario Reg. 153/04 (Amended April 15, 2011)
Table 1: Full Depth Background Site Condition Standards
Soil - Agricultural or Other Property Use

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Microbiology testing is conducted at 6660 Campobello Rd. Chemistry testing is conducted at 6740 Campobello Rd.

O.REG 153 OC PESTICIDES (SOIL)

Bureau Veritas ID			ADGK16			ADGK17		
Sampling Date			2024/09/17			2024/09/17		
COC Number			C#1011969-01-01			C#1011969-01-01		
	UNITS	Criteria	BH202-24_0.5-0.7	RDL	QC Batch	BH202-24_0.7-0.9	RDL	QC Batch
Aroclor 1260	ug/g	-	<0.015	0.015	9657506	<0.015	0.015	9681531
Surrogate Recovery (%)								
2,4,5,6-Tetrachloro-m-xylene	%	-	103		9657506	82		9681531
Decachlorobiphenyl	%	-	96		9657506	99		9681531

No Fill	No Exceedance
Grey	Exceeds 1 criteria policy/level
Black	Exceeds both criteria/levels

RDL = Reportable Detection Limit
QC Batch = Quality Control Batch
Criteria: Ontario Reg. 153/04 (Amended April 15, 2011)
Table 1: Full Depth Background Site Condition Standards
Soil - Agricultural or Other Property Use

Bureau Veritas 6740 Campobello Road, Mississauga, Ontario, L5N 2L8 Tel: (905) 817-5700 Toll-Free: 800-563-6266 Fax: (905) 817-5777 www.bvna.com

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O.REG 153 OC PESTICIDES (SOIL)

Bureau Veritas ID			ADGK18		ADGK20		ADGK22		
Sampling Date			2024/09/16		2024/09/16		2024/09/16		
COC Number			C#1011969-01-01		C#1011969-01-01		C#1011969-01-01		
	UNITS	Criteria	BH203-24_0-0.3	QC Batch	BH204-24_0.0-0.3	QC Batch	BH205-24_0.5-0.7	RDL	QC Batch
Calculated Parameters									
Chlordane (Total)	ug/g	0.05	<0.0020	9651134	<0.0020	9652753	<0.0020	0.0020	9651134
o,p-DDD + p,p-DDD	ug/g	0.05	<0.0020	9651134	<0.0020	9652753	<0.0020	0.0020	9651134
o,p-DDE + p,p-DDE	ug/g	0.05	0.0085	9651134	<0.0020	9652753	<0.0020	0.0020	9651134
o,p-DDT + p,p-DDT	ug/g	0.078	0.0021	9651134	<0.0020	9652753	<0.0020	0.0020	9651134
Total Endosulfan	ug/g	0.04	<0.0020	9651134	<0.0020	9652753	<0.0020	0.0020	9651134
Total PCB	ug/g	0.3	<0.015	9651134	<0.015	9652753	<0.015	0.015	9651134
Pesticides & Herbicides									
Aldrin	ug/g	0.05	<0.0020	9657506	<0.0020	9657506	<0.0020	0.0020	9657506
a-Chlordane	ug/g	0.05	<0.0020	9657506	<0.0020	9657506	<0.0020	0.0020	9657506
g-Chlordane	ug/g	0.05	<0.0020	9657506	<0.0020	9657506	<0.0020	0.0020	9657506
o,p-DDD	ug/g	0.05	<0.0020	9657506	<0.0020	9657506	<0.0020	0.0020	9657506
p,p-DDD	ug/g	0.05	<0.0020	9657506	<0.0020	9657506	<0.0020	0.0020	9657506
o,p-DDE	ug/g	0.05	<0.0020	9657506	<0.0020	9657506	<0.0020	0.0020	9657506
p,p-DDE	ug/g	0.05	0.0085	9657506	<0.0020	9657506	<0.0020	0.0020	9657506
o,p-DDT	ug/g	0.078	<0.0020	9657506	<0.0020	9657506	<0.0020	0.0020	9657506
p,p-DDT	ug/g	0.078	0.0021	9657506	<0.0020	9657506	<0.0020	0.0020	9657506
Dieldrin	ug/g	0.05	<0.0020	9657506	<0.0020	9657506	<0.0020	0.0020	9657506
Lindane	ug/g	0.01	<0.0020	9657506	<0.0020	9657506	<0.0020	0.0020	9657506
Endosulfan I (alpha)	ug/g	0.04	<0.0020	9657506	<0.0020	9657506	<0.0020	0.0020	9657506
Endosulfan II (beta)	ug/g	0.04	<0.0020	9657506	<0.0020	9657506	<0.0020	0.0020	9657506
Endrin	ug/g	0.04	<0.0020	9657506	<0.0020	9657506	<0.0020	0.0020	9657506
Heptachlor	ug/g	0.05	<0.0020	9657506	<0.0020	9657506	<0.0020	0.0020	9657506
Heptachlor epoxide	ug/g	0.05	<0.0020	9657506	<0.0020	9657506	<0.0020	0.0020	9657506
Hexachlorobenzene	ug/g	0.01	<0.0020	9657506	<0.0020	9657506	<0.0020	0.0020	9657506
Hexachlorobutadiene	ug/g	0.01	<0.0020	9657506	<0.0020	9657506	<0.0020	0.0020	9657506
Hexachloroethane	ug/g	0.01	<0.0020	9657506	<0.0020	9657506	<0.0020	0.0020	9657506
Methoxychlor	ug/g	0.05	<0.0050	9657506	<0.0050	9657506	<0.0050	0.0050	9657506
Aroclor 1242	ug/g	-	<0.015	9657506	<0.015	9657506	<0.015	0.015	9657506
Aroclor 1248	ug/g	-	<0.015	9657506	<0.015	9657506	<0.015	0.015	9657506
Aroclor 1254	ug/g	-	<0.015	9657506	<0.015	9657506	<0.015	0.015	9657506

No Fill	No Exceedance
Grey	Exceeds 1 criteria policy/level
Black	Exceeds both criteria/levels

RDL = Reportable Detection Limit
QC Batch = Quality Control Batch
Criteria: Ontario Reg. 153/04 (Amended April 15, 2011)
Table 1: Full Depth Background Site Condition Standards
Soil - Agricultural or Other Property Use

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Microbiology testing is conducted at 6660 Campobello Rd. Chemistry testing is conducted at 6740 Campobello Rd.

O.REG 153 OC PESTICIDES (SOIL)

Bureau Veritas ID			ADGK18		ADGK20		ADGK22		
Sampling Date			2024/09/16		2024/09/16		2024/09/16		
COC Number			C#1011969-01-01		C#1011969-01-01		C#1011969-01-01		
	UNITS	Criteria	BH203-24_0-0.3	QC Batch	BH204-24_0.0-0.3	QC Batch	BH205-24_0.5-0.7	RDL	QC Batch
Aroclor 1260	ug/g	-	<0.015	9657506	<0.015	9657506	<0.015	0.015	9657506
Surrogate Recovery (%)									
2,4,5,6-Tetrachloro-m-xylene	%	-	106	9657506	98	9657506	98		9657506
Decachlorobiphenyl	%	-	91	9657506	76	9657506	79		9657506

No Fill	No Exceedance
Grey	Exceeds 1 criteria policy/level
Black	Exceeds both criteria/levels

RDL = Reportable Detection Limit
QC Batch = Quality Control Batch
Criteria: Ontario Reg. 153/04 (Amended April 15, 2011)
Table 1: Full Depth Background Site Condition Standards
Soil - Agricultural or Other Property Use

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O.REG 153 OC PESTICIDES (SOIL)

Bureau Veritas ID			ADGK24	ADGK26	ADGK28	ADGK30		
Sampling Date			2024/09/16	2024/09/17	2024/09/17	2024/09/17		
COC Number			C#1011969-01-01	C#1011969-01-01	C#1011969-01-01	C#1011969-01-01		
	UNITS	Criteria	BH206-24_0.5-0.7	BH207-24_0.3-0.5	BH208-24_0.3-0.5	BH209-24_0.3-0.5	RDL	QC Batch
Calculated Parameters								
Chlordane (Total)	ug/g	0.05	<0.0020	<0.0020	<0.0020	<0.0020	0.0020	9651134
o,p-DDD + p,p-DDD	ug/g	0.05	<0.0020	<0.0020	<0.0020	<0.0020	0.0020	9651134
o,p-DDE + p,p-DDE	ug/g	0.05	<0.0020	<0.0020	<0.0020	<0.0020	0.0020	9651134
o,p-DDT + p,p-DDT	ug/g	0.078	<0.0020	<0.0020	<0.0020	<0.0020	0.0020	9651134
Total Endosulfan	ug/g	0.04	<0.0020	<0.0020	<0.0020	<0.0020	0.0020	9651134
Total PCB	ug/g	0.3	<0.015	<0.015	<0.015	<0.015	0.015	9651134
Pesticides & Herbicides								
Aldrin	ug/g	0.05	<0.0020	<0.0020	<0.0020	<0.0020	0.0020	9657506
a-Chlordane	ug/g	0.05	<0.0020	<0.0020	<0.0020	<0.0020	0.0020	9657506
g-Chlordane	ug/g	0.05	<0.0020	<0.0020	<0.0020	<0.0020	0.0020	9657506
o,p-DDD	ug/g	0.05	<0.0020	<0.0020	<0.0020	<0.0020	0.0020	9657506
p,p-DDD	ug/g	0.05	<0.0020	<0.0020	<0.0020	<0.0020	0.0020	9657506
o,p-DDE	ug/g	0.05	<0.0020	<0.0020	<0.0020	<0.0020	0.0020	9657506
p,p-DDE	ug/g	0.05	<0.0020	<0.0020	<0.0020	<0.0020	0.0020	9657506
o,p-DDT	ug/g	0.078	<0.0020	<0.0020	<0.0020	<0.0020	0.0020	9657506
p,p-DDT	ug/g	0.078	<0.0020	<0.0020	<0.0020	<0.0020	0.0020	9657506
Dieldrin	ug/g	0.05	<0.0020	<0.0020	<0.0020	<0.0020	0.0020	9657506
Lindane	ug/g	0.01	<0.0020	<0.0020	<0.0020	<0.0020	0.0020	9657506
Endosulfan I (alpha)	ug/g	0.04	<0.0020	<0.0020	<0.0020	<0.0020	0.0020	9657506
Endosulfan II (beta)	ug/g	0.04	<0.0020	<0.0020	<0.0020	<0.0020	0.0020	9657506
Endrin	ug/g	0.04	<0.0020	<0.0020	<0.0020	<0.0020	0.0020	9657506
Heptachlor	ug/g	0.05	<0.0020	<0.0020	<0.0020	<0.0020	0.0020	9657506
Heptachlor epoxide	ug/g	0.05	<0.0020	<0.0020	<0.0020	<0.0020	0.0020	9657506
Hexachlorobenzene	ug/g	0.01	<0.0020	<0.0020	<0.0020	<0.0020	0.0020	9657506
Hexachlorobutadiene	ug/g	0.01	<0.0020	<0.0020	<0.0020	<0.0020	0.0020	9657506
Hexachloroethane	ug/g	0.01	<0.0020	<0.0020	<0.0020	<0.0020	0.0020	9657506
Methoxychlor	ug/g	0.05	<0.0050	<0.0050	<0.0050	<0.0050	0.0050	9657506
Aroclor 1242	ug/g	-	<0.015	<0.015	<0.015	<0.015	0.015	9657506
Aroclor 1248	ug/g	-	<0.015	<0.015	<0.015	<0.015	0.015	9657506
Aroclor 1254	ug/g	-	<0.015	<0.015	<0.015	<0.015	0.015	9657506

No Fill	No Exceedance
Grey	Exceeds 1 criteria policy/level
Black	Exceeds both criteria/levels

RDL = Reportable Detection Limit
QC Batch = Quality Control Batch
Criteria: Ontario Reg. 153/04 (Amended April 15, 2011)
Table 1: Full Depth Background Site Condition Standards
Soil - Agricultural or Other Property Use

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O.REG 153 OC PESTICIDES (SOIL)

Bureau Veritas ID			ADGK24	ADGK26	ADGK28	ADGK30		
Sampling Date			2024/09/16	2024/09/17	2024/09/17	2024/09/17		
COC Number			C#1011969-01-01	C#1011969-01-01	C#1011969-01-01	C#1011969-01-01		
	UNITS	Criteria	BH206-24_0.5-0.7	BH207-24_0.3-0.5	BH208-24_0.3-0.5	BH209-24_0.3-0.5	RDL	QC Batch
Aroclor 1260	ug/g	-	<0.015	<0.015	<0.015	<0.015	0.015	9657506
Surrogate Recovery (%)								
2,4,5,6-Tetrachloro-m-xylene	%	-	79	107	79	98		9657506
Decachlorobiphenyl	%	-	62	81	63	90		9657506

No Fill	No Exceedance
Grey	Exceeds 1 criteria policy/level
Black	Exceeds both criteria/levels

RDL = Reportable Detection Limit
QC Batch = Quality Control Batch
Criteria: Ontario Reg. 153/04 (Amended April 15, 2011)
Table 1: Full Depth Background Site Condition Standards
Soil - Agricultural or Other Property Use

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O.REG 153 OC PESTICIDES (SOIL)

Bureau Veritas ID			ADGK32	ADGK34		ADGK36		
Sampling Date			2024/09/17	2024/09/17		2024/09/17		
COC Number			C#1011969-01-01	C#1011969-01-01		C#1011969-01-01		
	UNITS	Criteria	BH210-24_0.3-0.5	BH211-24_0.3-0.5	QC Batch	BH212-24_0-0.3	RDL	QC Batch
Calculated Parameters								
Chlordane (Total)	ug/g	0.05	<0.0020	<0.0020	9651134	<0.0020	0.0020	9651134
o,p-DDD + p,p-DDD	ug/g	0.05	<0.0020	<0.0020	9651134	<0.0020	0.0020	9651134
o,p-DDE + p,p-DDE	ug/g	0.05	<0.0020	<0.0020	9651134	<0.0020	0.0020	9651134
o,p-DDT + p,p-DDT	ug/g	0.078	<0.0020	<0.0020	9651134	<0.0020	0.0020	9651134
Total Endosulfan	ug/g	0.04	<0.0020	<0.0020	9651134	<0.0020	0.0020	9651134
Total PCB	ug/g	0.3	<0.015	<0.015	9651134	<0.015	0.015	9651134
Pesticides & Herbicides								
Aldrin	ug/g	0.05	<0.0020	<0.0020	9657506	<0.0020	0.0020	9655074
a-Chlordane	ug/g	0.05	<0.0020	<0.0020	9657506	<0.0020	0.0020	9655074
g-Chlordane	ug/g	0.05	<0.0020	<0.0020	9657506	<0.0020	0.0020	9655074
o,p-DDD	ug/g	0.05	<0.0020	<0.0020	9657506	<0.0020	0.0020	9655074
p,p-DDD	ug/g	0.05	<0.0020	<0.0020	9657506	<0.0020	0.0020	9655074
o,p-DDE	ug/g	0.05	<0.0020	<0.0020	9657506	<0.0020	0.0020	9655074
p,p-DDE	ug/g	0.05	<0.0020	<0.0020	9657506	<0.0020	0.0020	9655074
o,p-DDT	ug/g	0.078	<0.0020	<0.0020	9657506	<0.0020	0.0020	9655074
p,p-DDT	ug/g	0.078	<0.0020	<0.0020	9657506	<0.0020	0.0020	9655074
Dieldrin	ug/g	0.05	<0.0020	<0.0020	9657506	<0.0020	0.0020	9655074
Lindane	ug/g	0.01	<0.0020	<0.0020	9657506	<0.0020	0.0020	9655074
Endosulfan I (alpha)	ug/g	0.04	<0.0020	<0.0020	9657506	<0.0020	0.0020	9655074
Endosulfan II (beta)	ug/g	0.04	<0.0020	<0.0020	9657506	<0.0020	0.0020	9655074
Endrin	ug/g	0.04	<0.0020	<0.0020	9657506	<0.0020	0.0020	9655074
Heptachlor	ug/g	0.05	<0.0020	<0.0020	9657506	<0.0020	0.0020	9655074
Heptachlor epoxide	ug/g	0.05	<0.0020	<0.0020	9657506	<0.0020	0.0020	9655074
Hexachlorobenzene	ug/g	0.01	<0.0020	<0.0020	9657506	<0.0020	0.0020	9655074
Hexachlorobutadiene	ug/g	0.01	<0.0020	<0.0020	9657506	<0.0020	0.0020	9655074
Hexachloroethane	ug/g	0.01	<0.0020	<0.0020	9657506	<0.0020	0.0020	9655074
Methoxychlor	ug/g	0.05	<0.0050	<0.0050	9657506	<0.0050	0.0050	9655074
Aroclor 1242	ug/g	-	<0.015	<0.015	9657506	<0.015	0.015	9655074
Aroclor 1248	ug/g	-	<0.015	<0.015	9657506	<0.015	0.015	9655074
Aroclor 1254	ug/g	-	<0.015	<0.015	9657506	<0.015	0.015	9655074

No Fill	No Exceedance
Grey	Exceeds 1 criteria policy/level
Black	Exceeds both criteria/levels

RDL = Reportable Detection Limit
QC Batch = Quality Control Batch
Criteria: Ontario Reg. 153/04 (Amended April 15, 2011)
Table 1: Full Depth Background Site Condition Standards
Soil - Agricultural or Other Property Use

Bureau Veritas 6740 Campobello Road, Mississauga, Ontario, L5N 2L8 Tel: (905) 817-5700 Toll-Free: 800-563-6266 Fax: (905) 817-5777 www.bvna.com

Microbiology testing is conducted at 6660 Campobello Rd. Chemistry testing is conducted at 6740 Campobello Rd.

O.REG 153 OC PESTICIDES (SOIL)

Bureau Veritas ID			ADGK32	ADGK34		ADGK36		
Sampling Date			2024/09/17	2024/09/17		2024/09/17		
COC Number			C#1011969-01-01	C#1011969-01-01		C#1011969-01-01		
	UNITS	Criteria	BH210-24_0.3-0.5	BH211-24_0.3-0.5	QC Batch	BH212-24_0-0.3	RDL	QC Batch
Aroclor 1260	ug/g	-	<0.015	<0.015	9657506	<0.015	0.015	9655074
Surrogate Recovery (%)								
2,4,5,6-Tetrachloro-m-xylene	%	-	106	104	9657506	72		9655074
Decachlorobiphenyl	%	-	87	98	9657506	77		9655074

No Fill	No Exceedance
Grey	Exceeds 1 criteria policy/level
Black	Exceeds both criteria/levels

RDL = Reportable Detection Limit
QC Batch = Quality Control Batch
Criteria: Ontario Reg. 153/04 (Amended April 15, 2011)
Table 1: Full Depth Background Site Condition Standards
Soil - Agricultural or Other Property Use

Bureau Veritas 6740 Campobello Road, Mississauga, Ontario, L5N 2L8 Tel: (905) 817-5700 Toll-Free: 800-563-6266 Fax: (905) 817-5777 www.bvna.com

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O.REG 153 OC PESTICIDES (SOIL)

Bureau Veritas ID			ADGK38	ADGK40	ADGK42	ADGK44		
Sampling Date			2024/09/17	2024/09/17	2024/09/17	2024/09/16		
COC Number			C#1011969-01-01	C#1011969-01-01	C#1011969-01-01	C#1011969-01-01		
	UNITS	Criteria	BH213-24_0-0.3	BH214-24_0-0.3	BH215-24_0-0.3	BH216-24_0.3-0.5	RDL	QC Batch
Calculated Parameters								
Chlordane (Total)	ug/g	0.05	<0.0020	<0.0020	<0.0020	<0.0020	0.0020	9651134
o,p-DDD + p,p-DDD	ug/g	0.05	<0.0020	<0.0020	<0.0020	<0.0020	0.0020	9651134
o,p-DDE + p,p-DDE	ug/g	0.05	<0.0020	<0.0020	<0.0020	<0.0020	0.0020	9651134
o,p-DDT + p,p-DDT	ug/g	0.078	<0.0020	<0.0020	<0.0020	<0.0020	0.0020	9651134
Total Endosulfan	ug/g	0.04	<0.0020	<0.0020	<0.0020	<0.0020	0.0020	9651134
Total PCB	ug/g	0.3	<0.015	<0.015	<0.015	<0.015	0.015	9651134
Pesticides & Herbicides								
Aldrin	ug/g	0.05	<0.0020	<0.0020	<0.0020	<0.0020	0.0020	9657506
a-Chlordane	ug/g	0.05	<0.0020	<0.0020	<0.0020	<0.0020	0.0020	9657506
g-Chlordane	ug/g	0.05	<0.0020	<0.0020	<0.0020	<0.0020	0.0020	9657506
o,p-DDD	ug/g	0.05	<0.0020	<0.0020	<0.0020	<0.0020	0.0020	9657506
p,p-DDD	ug/g	0.05	<0.0020	<0.0020	<0.0020	<0.0020	0.0020	9657506
o,p-DDE	ug/g	0.05	<0.0020	<0.0020	<0.0020	<0.0020	0.0020	9657506
p,p-DDE	ug/g	0.05	<0.0020	<0.0020	<0.0020	<0.0020	0.0020	9657506
o,p-DDT	ug/g	0.078	<0.0020	<0.0020	<0.0020	<0.0020	0.0020	9657506
p,p-DDT	ug/g	0.078	<0.0020	<0.0020	<0.0020	<0.0020	0.0020	9657506
Dieldrin	ug/g	0.05	<0.0020	<0.0020	<0.0020	<0.0020	0.0020	9657506
Lindane	ug/g	0.01	<0.0020	<0.0020	<0.0020	<0.0020	0.0020	9657506
Endosulfan I (alpha)	ug/g	0.04	<0.0020	<0.0020	<0.0020	<0.0020	0.0020	9657506
Endosulfan II (beta)	ug/g	0.04	<0.0020	<0.0020	<0.0020	<0.0020	0.0020	9657506
Endrin	ug/g	0.04	<0.0020	<0.0020	<0.0020	<0.0020	0.0020	9657506
Heptachlor	ug/g	0.05	<0.0020	<0.0020	<0.0020	<0.0020	0.0020	9657506
Heptachlor epoxide	ug/g	0.05	<0.0020	<0.0020	<0.0020	<0.0020	0.0020	9657506
Hexachlorobenzene	ug/g	0.01	<0.0020	<0.0020	<0.0020	<0.0020	0.0020	9657506
Hexachlorobutadiene	ug/g	0.01	<0.0020	<0.0020	<0.0020	<0.0020	0.0020	9657506
Hexachloroethane	ug/g	0.01	<0.0020	<0.0020	<0.0020	<0.0020	0.0020	9657506
Methoxychlor	ug/g	0.05	<0.0050	<0.0050	<0.0050	<0.0050	0.0050	9657506
Aroclor 1242	ug/g	-	<0.015	<0.015	<0.015	<0.015	0.015	9657506
Aroclor 1248	ug/g	-	<0.015	<0.015	<0.015	<0.015	0.015	9657506
Aroclor 1254	ug/g	-	<0.015	<0.015	<0.015	<0.015	0.015	9657506

No Fill	No Exceedance
Grey	Exceeds 1 criteria policy/level
Black	Exceeds both criteria/levels

RDL = Reportable Detection Limit
QC Batch = Quality Control Batch
Criteria: Ontario Reg. 153/04 (Amended April 15, 2011)
Table 1: Full Depth Background Site Condition Standards
Soil - Agricultural or Other Property Use

Bureau Veritas 6740 Campobello Road, Mississauga, Ontario, L5N 2L8 Tel: (905) 817-5700 Toll-Free: 800-563-6266 Fax: (905) 817-5777 www.bvna.com

Microbiology testing is conducted at 6660 Campobello Rd. Chemistry testing is conducted at 6740 Campobello Rd.

O.REG 153 OC PESTICIDES (SOIL)

Bureau Veritas ID			ADGK38	ADGK40	ADGK42	ADGK44		
Sampling Date			2024/09/17	2024/09/17	2024/09/17	2024/09/16		
COC Number			C#1011969-01-01	C#1011969-01-01	C#1011969-01-01	C#1011969-01-01		
	UNITS	Criteria	BH213-24_0-0.3	BH214-24_0-0.3	BH215-24_0-0.3	BH216-24_0.3-0.5	RDL	QC Batch
Aroclor 1260	ug/g	-	<0.015	<0.015	<0.015	<0.015	0.015	9657506
Surrogate Recovery (%)								
2,4,5,6-Tetrachloro-m-xylene	%	-	106	88	104	107		9657506
Decachlorobiphenyl	%	-	86	77	84	81		9657506

No Fill	No Exceedance
Grey	Exceeds 1 criteria policy/level
Black	Exceeds both criteria/levels

RDL = Reportable Detection Limit
QC Batch = Quality Control Batch
Criteria: Ontario Reg. 153/04 (Amended April 15, 2011)
Table 1: Full Depth Background Site Condition Standards
Soil - Agricultural or Other Property Use

Bureau Veritas 6740 Campobello Road, Mississauga, Ontario, L5N 2L8 Tel: (905) 817-5700 Toll-Free: 800-563-6266 Fax: (905) 817-5777 www.bvna.com

Microbiology testing is conducted at 6660 Campobello Rd. Chemistry testing is conducted at 6740 Campobello Rd.

O.REG 153 OC PESTICIDES (SOIL)

Bureau Veritas ID			ADGK46	ADGK48			ADGK48		
Sampling Date			2024/09/17	2024/09/16			2024/09/16		
COC Number			C#1011969-01-01	C#1011969-01-01			C#1011969-01-01		
	UNITS	Criteria	BH217-24_0.3-0.5	BH218-24_0.3-0.5	RDL	QC Batch	BH218-24_0.3-0.5 Lab-Dup	RDL	QC Batch
Calculated Parameters									
Chlordane (Total)	ug/g	0.05	<0.0020	<0.0020	0.0020	9651134			
o,p-DDD + p,p-DDD	ug/g	0.05	<0.0020	<0.0020	0.0020	9651134			
o,p-DDE + p,p-DDE	ug/g	0.05	<0.0020	<0.0020	0.0020	9651134			
o,p-DDT + p,p-DDT	ug/g	0.078	<0.0020	<0.0020	0.0020	9651134			
Total Endosulfan	ug/g	0.04	<0.0020	<0.0020	0.0020	9651134			
Total PCB	ug/g	0.3	<0.015	<0.015	0.015	9651134			
Pesticides & Herbicides									
Aldrin	ug/g	0.05	<0.0020	<0.0020	0.0020	9657506	<0.0020	0.0020	9657506
a-Chlordane	ug/g	0.05	<0.0020	<0.0020	0.0020	9657506	<0.0020	0.0020	9657506
g-Chlordane	ug/g	0.05	<0.0020	<0.0020	0.0020	9657506	<0.0020	0.0020	9657506
o,p-DDD	ug/g	0.05	<0.0020	<0.0020	0.0020	9657506	<0.0020	0.0020	9657506
p,p-DDD	ug/g	0.05	<0.0020	<0.0020	0.0020	9657506	<0.0020	0.0020	9657506
o,p-DDE	ug/g	0.05	<0.0020	<0.0020	0.0020	9657506	<0.0020	0.0020	9657506
p,p-DDE	ug/g	0.05	<0.0020	<0.0020	0.0020	9657506	<0.0020	0.0020	9657506
o,p-DDT	ug/g	0.078	<0.0020	<0.0020	0.0020	9657506	<0.0020	0.0020	9657506
p,p-DDT	ug/g	0.078	<0.0020	<0.0020	0.0020	9657506	<0.0020	0.0020	9657506
Dieldrin	ug/g	0.05	<0.0020	<0.0020	0.0020	9657506	<0.0020	0.0020	9657506
Lindane	ug/g	0.01	<0.0020	<0.0020	0.0020	9657506	<0.0020	0.0020	9657506
Endosulfan I (alpha)	ug/g	0.04	<0.0020	<0.0020	0.0020	9657506	<0.0020	0.0020	9657506
Endosulfan II (beta)	ug/g	0.04	<0.0020	<0.0020	0.0020	9657506	<0.0020	0.0020	9657506
Endrin	ug/g	0.04	<0.0020	<0.0020	0.0020	9657506	<0.0020	0.0020	9657506
Heptachlor	ug/g	0.05	<0.0020	<0.0020	0.0020	9657506	<0.0020	0.0020	9657506
Heptachlor epoxide	ug/g	0.05	<0.0020	<0.0020	0.0020	9657506	<0.0020	0.0020	9657506
Hexachlorobenzene	ug/g	0.01	<0.0020	<0.0020	0.0020	9657506	<0.0020	0.0020	9657506
Hexachlorobutadiene	ug/g	0.01	<0.0020	<0.0020	0.0020	9657506	<0.0020	0.0020	9657506
Hexachloroethane	ug/g	0.01	<0.0020	<0.0020	0.0020	9657506	<0.0020	0.0020	9657506
Methoxychlor	ug/g	0.05	<0.0050	<0.0050	0.0050	9657506	<0.0050	0.0050	9657506
Aroclor 1242	ug/g	-	<0.015	<0.015	0.015	9657506	<0.015	0.015	9657506
Aroclor 1248	ug/g	-	<0.015	<0.015	0.015	9657506	<0.015	0.015	9657506

No Fill	No Exceedance
Grey	Exceeds 1 criteria policy/level
Black	Exceeds both criteria/levels

RDL = Reportable Detection Limit
QC Batch = Quality Control Batch
Lab-Dup = Laboratory Initiated Duplicate
Criteria: Ontario Reg. 153/04 (Amended April 15, 2011)
Table 1: Full Depth Background Site Condition Standards
Soil - Agricultural or Other Property Use

Bureau Veritas 6740 Campobello Road, Mississauga, Ontario, L5N 2L8 Tel: (905) 817-5700 Toll-Free: 800-563-6266 Fax: (905) 817-5777 www.bvna.com

Microbiology testing is conducted at 6660 Campobello Rd. Chemistry testing is conducted at 6740 Campobello Rd.

O.REG 153 OC PESTICIDES (SOIL)

Bureau Veritas ID			ADGK46	ADGK48			ADGK48		
Sampling Date			2024/09/17	2024/09/16			2024/09/16		
COC Number			C#1011969-01-01	C#1011969-01-01			C#1011969-01-01		
	UNITS	Criteria	BH217-24_0.3-0.5	BH218-24_0.3-0.5	RDL	QC Batch	BH218-24_0.3-0.5 Lab-Dup	RDL	QC Batch
Aroclor 1254	ug/g	-	<0.015	<0.015	0.015	9657506	<0.015	0.015	9657506
Aroclor 1260	ug/g	-	<0.015	<0.015	0.015	9657506	<0.015	0.015	9657506
Surrogate Recovery (%)									
2,4,5,6-Tetrachloro-m-xylene	%	-	106	105		9657506	91		9657506
Decachlorobiphenyl	%	-	111	78		9657506	110		9657506

No Fill	No Exceedance
Grey	Exceeds 1 criteria policy/level
Black	Exceeds both criteria/levels

RDL = Reportable Detection Limit
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Lab-Dup = Laboratory Initiated Duplicate
Criteria: Ontario Reg. 153/04 (Amended April 15, 2011)
Table 1: Full Depth Background Site Condition Standards
Soil - Agricultural or Other Property Use

Bureau Veritas 6740 Campobello Road, Mississauga, Ontario, L5N 2L8 Tel: (905) 817-5700 Toll-Free: 800-563-6266 Fax: (905) 817-5777 www.bvna.com

Microbiology testing is conducted at 6660 Campobello Rd. Chemistry testing is conducted at 6740 Campobello Rd.

O.REG 153 OC PESTICIDES (SOIL)

Bureau Veritas ID			ADGK50	ADGK52	ADGK53		
Sampling Date			2024/09/16	2024/09/17	2024/09/17		
COC Number			C#1011969-01-01	C#1011969-01-01	C#1011969-01-01		
	UNITS	Criteria	QA/QC1	QA/QC2	QA/QC3	RDL	QC Batch
Calculated Parameters							
Chlordane (Total)	ug/g	0.05	<0.0020	<0.0020	<0.0020	0.0020	9651134
o,p-DDD + p,p-DDD	ug/g	0.05	<0.0020	<0.0020	<0.0020	0.0020	9651134
o,p-DDE + p,p-DDE	ug/g	0.05	<0.0020	0.010	<0.0020	0.0020	9651134
o,p-DDT + p,p-DDT	ug/g	0.078	<0.0020	0.0032	<0.0020	0.0020	9651134
Total Endosulfan	ug/g	0.04	<0.0020	<0.0020	<0.0020	0.0020	9651134
Total PCB	ug/g	0.3	<0.015	<0.015	<0.015	0.015	9651134
Pesticides & Herbicides							
Aldrin	ug/g	0.05	<0.0020	<0.0020	<0.0020	0.0020	9657506
a-Chlordane	ug/g	0.05	<0.0020	<0.0020	<0.0020	0.0020	9657506
g-Chlordane	ug/g	0.05	<0.0020	<0.0020	<0.0020	0.0020	9657506
o,p-DDD	ug/g	0.05	<0.0020	<0.0020	<0.0020	0.0020	9657506
p,p-DDD	ug/g	0.05	<0.0020	<0.0020	<0.0020	0.0020	9657506
o,p-DDE	ug/g	0.05	<0.0020	<0.0020	<0.0020	0.0020	9657506
p,p-DDE	ug/g	0.05	<0.0020	0.010	<0.0020	0.0020	9657506
o,p-DDT	ug/g	0.078	<0.0020	<0.0020	<0.0020	0.0020	9657506
p,p-DDT	ug/g	0.078	<0.0020	0.0032	<0.0020	0.0020	9657506
Dieldrin	ug/g	0.05	<0.0020	<0.0020	<0.0020	0.0020	9657506
Lindane	ug/g	0.01	<0.0020	<0.0020	<0.0020	0.0020	9657506
Endosulfan I (alpha)	ug/g	0.04	<0.0020	<0.0020	<0.0020	0.0020	9657506
Endosulfan II (beta)	ug/g	0.04	<0.0020	<0.0020	<0.0020	0.0020	9657506
Endrin	ug/g	0.04	<0.0020	<0.0020	<0.0020	0.0020	9657506
Heptachlor	ug/g	0.05	<0.0020	<0.0020	<0.0020	0.0020	9657506
Heptachlor epoxide	ug/g	0.05	<0.0020	<0.0020	<0.0020	0.0020	9657506
Hexachlorobenzene	ug/g	0.01	<0.0020	<0.0020	<0.0020	0.0020	9657506
Hexachlorobutadiene	ug/g	0.01	<0.0020	<0.0020	<0.0020	0.0020	9657506
Hexachloroethane	ug/g	0.01	<0.0020	<0.0020	<0.0020	0.0020	9657506
Methoxychlor	ug/g	0.05	<0.0050	<0.0050	<0.0050	0.0050	9657506
Aroclor 1242	ug/g	-	<0.015	<0.015	<0.015	0.015	9657506
Aroclor 1248	ug/g	-	<0.015	<0.015	<0.015	0.015	9657506
Aroclor 1254	ug/g	-	<0.015	<0.015	<0.015	0.015	9657506

No Fill	No Exceedance
Grey	Exceeds 1 criteria policy/level
Black	Exceeds both criteria/levels

RDL = Reportable Detection Limit
QC Batch = Quality Control Batch
Criteria: Ontario Reg. 153/04 (Amended April 15, 2011)
Table 1: Full Depth Background Site Condition Standards
Soil - Agricultural or Other Property Use

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O.REG 153 OC PESTICIDES (SOIL)

Bureau Veritas ID			ADGK50	ADGK52	ADGK53		
Sampling Date			2024/09/16	2024/09/17	2024/09/17		
COC Number			C#1011969-01-01	C#1011969-01-01	C#1011969-01-01		
	UNITS	Criteria	QA/QC1	QA/QC2	QA/QC3	RDL	QC Batch
Aroclor 1260	ug/g	-	<0.015	<0.015	<0.015	0.015	9657506
Surrogate Recovery (%)							
2,4,5,6-Tetrachloro-m-xylene	%	-	108	99	89		9657506
Decachlorobiphenyl	%	-	86	86	73		9657506

No Fill	No Exceedance
Grey	Exceeds 1 criteria policy/level
Black	Exceeds both criteria/levels

RDL = Reportable Detection Limit
QC Batch = Quality Control Batch
Criteria: Ontario Reg. 153/04 (Amended April 15, 2011)
Table 1: Full Depth Background Site Condition Standards
Soil - Agricultural or Other Property Use

Bureau Veritas 6740 Campobello Road, Mississauga, Ontario, L5N 2L8 Tel: (905) 817-5700 Toll-Free: 800-563-6266 Fax: (905) 817-5777 www.bvna.com

Microbiology testing is conducted at 6660 Campobello Rd. Chemistry testing is conducted at 6740 Campobello Rd.

O.REG 153 PAHS (SOIL)

Bureau Veritas ID			ADGK14			ADGK14		
Sampling Date			2024/09/17			2024/09/17		
COC Number			C#1011969-01-01			C#1011969-01-01		
	UNITS	Criteria	BH201-24_0.3-0.5	RDL	QC Batch	BH201-24_0.3-0.5 Lab-Dup	RDL	QC Batch
Calculated Parameters								
Methylnaphthalene, 2-(1-)	ug/g	0.05	<0.0071	0.0071	9652684			
Polyaromatic Hydrocarbons								
Acenaphthene	ug/g	0.05	<0.0050	0.0050	9657133	<0.0050	0.0050	9657133
Acenaphthylene	ug/g	0.093	<0.0050	0.0050	9657133	<0.0050	0.0050	9657133
Anthracene	ug/g	0.05	<0.0050	0.0050	9657133	<0.0050	0.0050	9657133
Benzo(a)anthracene	ug/g	0.095	<0.0050	0.0050	9657133	<0.0050	0.0050	9657133
Benzo(a)pyrene	ug/g	0.05	<0.0050	0.0050	9657133	<0.0050	0.0050	9657133
Benzo(b/j)fluoranthene	ug/g	0.3	<0.0050	0.0050	9657133	<0.0050	0.0050	9657133
Benzo(g,h,i)perylene	ug/g	0.20	<0.0050	0.0050	9657133	<0.0050	0.0050	9657133
Benzo(k)fluoranthene	ug/g	0.05	<0.0050	0.0050	9657133	<0.0050	0.0050	9657133
Chrysene	ug/g	0.18	<0.0050	0.0050	9657133	<0.0050	0.0050	9657133
Dibenzo(a,h)anthracene	ug/g	0.1	<0.0050	0.0050	9657133	<0.0050	0.0050	9657133
Fluoranthene	ug/g	0.24	<0.0050	0.0050	9657133	<0.0050	0.0050	9657133
Fluorene	ug/g	0.05	<0.0050	0.0050	9657133	<0.0050	0.0050	9657133
Indeno(1,2,3-cd)pyrene	ug/g	0.11	<0.0050	0.0050	9657133	<0.0050	0.0050	9657133
1-Methylnaphthalene	ug/g	0.05	<0.0050	0.0050	9657133	<0.0050	0.0050	9657133
2-Methylnaphthalene	ug/g	0.05	<0.0050	0.0050	9657133	<0.0050	0.0050	9657133
Naphthalene	ug/g	0.05	<0.0050	0.0050	9657133	<0.0050	0.0050	9657133
Phenanthrene	ug/g	0.19	<0.0050	0.0050	9657133	<0.0050	0.0050	9657133
Pyrene	ug/g	0.19	<0.0050	0.0050	9657133	<0.0050	0.0050	9657133
Surrogate Recovery (%)								
D10-Anthracene	%	-	91		9657133	98		9657133
D14-Terphenyl (FS)	%	-	77		9657133	84		9657133
D8-Acenaphthylene	%	-	93		9657133	99		9657133

No Fill	No Exceedance
Grey	Exceeds 1 criteria policy/level
Black	Exceeds both criteria/levels

RDL = Reportable Detection Limit
QC Batch = Quality Control Batch
Lab-Dup = Laboratory Initiated Duplicate
Criteria: Ontario Reg. 153/04 (Amended April 15, 2011)
Table 1: Full Depth Background Site Condition Standards
Soil - Agricultural or Other Property Use

Bureau Veritas 6740 Campobello Road, Mississauga, Ontario, L5N 2L8 Tel: (905) 817-5700 Toll-Free: 800-563-6266 Fax: (905) 817-5777 www.bvna.com

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O.REG 153 PAHS (SOIL)

Bureau Veritas ID			ADGK16	ADGK22	ADGK24	ADGK26		
Sampling Date			2024/09/17	2024/09/16	2024/09/16	2024/09/17		
COC Number			C#1011969-01-01	C#1011969-01-01	C#1011969-01-01	C#1011969-01-01		
	UNITS	Criteria	BH202-24_0.5-0.7	BH205-24_0.5-0.7	BH206-24_0.5-0.7	BH207-24_0.3-0.5	RDL	QC Batch
Calculated Parameters								
Methylnaphthalene, 2-(1-)	ug/g	0.05	<0.0071	<0.0071	<0.0071	<0.0071	0.0071	9652684
Polyaromatic Hydrocarbons								
Acenaphthene	ug/g	0.05	<0.0050	<0.0050	<0.0050	<0.0050	0.0050	9657133
Acenaphthylene	ug/g	0.093	<0.0050	<0.0050	<0.0050	<0.0050	0.0050	9657133
Anthracene	ug/g	0.05	<0.0050	<0.0050	<0.0050	<0.0050	0.0050	9657133
Benzo(a)anthracene	ug/g	0.095	<0.0050	<0.0050	<0.0050	<0.0050	0.0050	9657133
Benzo(a)pyrene	ug/g	0.05	<0.0050	<0.0050	<0.0050	<0.0050	0.0050	9657133
Benzo(b/j)fluoranthene	ug/g	0.3	<0.0050	<0.0050	<0.0050	<0.0050	0.0050	9657133
Benzo(g,h,i)perylene	ug/g	0.20	<0.0050	<0.0050	<0.0050	<0.0050	0.0050	9657133
Benzo(k)fluoranthene	ug/g	0.05	<0.0050	<0.0050	<0.0050	<0.0050	0.0050	9657133
Chrysene	ug/g	0.18	<0.0050	<0.0050	<0.0050	<0.0050	0.0050	9657133
Dibenzo(a,h)anthracene	ug/g	0.1	<0.0050	<0.0050	<0.0050	<0.0050	0.0050	9657133
Fluoranthene	ug/g	0.24	<0.0050	<0.0050	<0.0050	<0.0050	0.0050	9657133
Fluorene	ug/g	0.05	<0.0050	<0.0050	<0.0050	<0.0050	0.0050	9657133
Indeno(1,2,3-cd)pyrene	ug/g	0.11	<0.0050	<0.0050	<0.0050	<0.0050	0.0050	9657133
1-Methylnaphthalene	ug/g	0.05	<0.0050	<0.0050	<0.0050	<0.0050	0.0050	9657133
2-Methylnaphthalene	ug/g	0.05	<0.0050	<0.0050	<0.0050	<0.0050	0.0050	9657133
Naphthalene	ug/g	0.05	<0.0050	<0.0050	<0.0050	<0.0050	0.0050	9657133
Phenanthrene	ug/g	0.19	<0.0050	<0.0050	<0.0050	<0.0050	0.0050	9657133
Pyrene	ug/g	0.19	<0.0050	<0.0050	<0.0050	<0.0050	0.0050	9657133
Surrogate Recovery (%)								
D10-Anthracene	%	-	100	98	96	99		9657133
D14-Terphenyl (FS)	%	-	84	84	79	81		9657133
D8-Acenaphthylene	%	-	111	109	109	109		9657133

No Fill	No Exceedance
Grey	Exceeds 1 criteria policy/level
Black	Exceeds both criteria/levels

RDL = Reportable Detection Limit
QC Batch = Quality Control Batch
Criteria: Ontario Reg. 153/04 (Amended April 15, 2011)
Table 1: Full Depth Background Site Condition Standards
Soil - Agricultural or Other Property Use

Bureau Veritas 6740 Campobello Road, Mississauga, Ontario, L5N 2L8 Tel: (905) 817-5700 Toll-Free: 800-563-6266 Fax: (905) 817-5777 www.bvna.com

Microbiology testing is conducted at 6660 Campobello Rd. Chemistry testing is conducted at 6740 Campobello Rd.

O.REG 153 PAHS (SOIL)

Bureau Veritas ID			ADGK28	ADGK30	ADGK32	ADGK34		
Sampling Date			2024/09/17	2024/09/17	2024/09/17	2024/09/17		
COC Number			C#1011969-01-01	C#1011969-01-01	C#1011969-01-01	C#1011969-01-01		
	UNITS	Criteria	BH208-24_0.3-0.5	BH209-24_0.3-0.5	BH210-24_0.3-0.5	BH211-24_0.3-0.5	RDL	QC Batch
Calculated Parameters								
Methylnaphthalene, 2-(1-)	ug/g	0.05	<0.0071	<0.0071	<0.0071	<0.0071	0.0071	9652684
Polyaromatic Hydrocarbons								
Acenaphthene	ug/g	0.05	<0.0050	<0.0050	<0.0050	<0.0050	0.0050	9657133
Acenaphthylene	ug/g	0.093	<0.0050	<0.0050	<0.0050	<0.0050	0.0050	9657133
Anthracene	ug/g	0.05	<0.0050	<0.0050	<0.0050	<0.0050	0.0050	9657133
Benzo(a)anthracene	ug/g	0.095	<0.0050	<0.0050	<0.0050	<0.0050	0.0050	9657133
Benzo(a)pyrene	ug/g	0.05	<0.0050	<0.0050	<0.0050	<0.0050	0.0050	9657133
Benzo(b/j)fluoranthene	ug/g	0.3	<0.0050	<0.0050	<0.0050	<0.0050	0.0050	9657133
Benzo(g,h,i)perylene	ug/g	0.20	<0.0050	<0.0050	<0.0050	<0.0050	0.0050	9657133
Benzo(k)fluoranthene	ug/g	0.05	<0.0050	<0.0050	<0.0050	<0.0050	0.0050	9657133
Chrysene	ug/g	0.18	<0.0050	<0.0050	<0.0050	<0.0050	0.0050	9657133
Dibenzo(a,h)anthracene	ug/g	0.1	<0.0050	<0.0050	<0.0050	<0.0050	0.0050	9657133
Fluoranthene	ug/g	0.24	<0.0050	<0.0050	<0.0050	<0.0050	0.0050	9657133
Fluorene	ug/g	0.05	<0.0050	<0.0050	<0.0050	<0.0050	0.0050	9657133
Indeno(1,2,3-cd)pyrene	ug/g	0.11	<0.0050	<0.0050	<0.0050	<0.0050	0.0050	9657133
1-Methylnaphthalene	ug/g	0.05	<0.0050	<0.0050	<0.0050	<0.0050	0.0050	9657133
2-Methylnaphthalene	ug/g	0.05	<0.0050	<0.0050	<0.0050	<0.0050	0.0050	9657133
Naphthalene	ug/g	0.05	<0.0050	<0.0050	<0.0050	<0.0050	0.0050	9657133
Phenanthrene	ug/g	0.19	<0.0050	<0.0050	<0.0050	<0.0050	0.0050	9657133
Pyrene	ug/g	0.19	<0.0050	<0.0050	<0.0050	<0.0050	0.0050	9657133
Surrogate Recovery (%)								
D10-Anthracene	%	-	94	99	104	102		9657133
D14-Terphenyl (FS)	%	-	78	81	85	84		9657133
D8-Acenaphthylene	%	-	108	110	116	114		9657133

No Fill	No Exceedance
Grey	Exceeds 1 criteria policy/level
Black	Exceeds both criteria/levels

RDL = Reportable Detection Limit
QC Batch = Quality Control Batch
Criteria: Ontario Reg. 153/04 (Amended April 15, 2011)
Table 1: Full Depth Background Site Condition Standards
Soil - Agricultural or Other Property Use

Bureau Veritas 6740 Campobello Road, Mississauga, Ontario, L5N 2L8 Tel: (905) 817-5700 Toll-Free: 800-563-6266 Fax: (905) 817-5777 www.bvna.com

Microbiology testing is conducted at 6660 Campobello Rd. Chemistry testing is conducted at 6740 Campobello Rd.

O.REG 153 PAHS (SOIL)

Bureau Veritas ID			ADGK44	ADGK46	ADGK48	ADGK50		
Sampling Date			2024/09/16	2024/09/17	2024/09/16	2024/09/16		
COC Number			C#1011969-01-01	C#1011969-01-01	C#1011969-01-01	C#1011969-01-01		
	UNITS	Criteria	BH216-24_0.3-0.5	BH217-24_0.3-0.5	BH218-24_0.3-0.5	QA/QC1	RDL	QC Batch
Calculated Parameters								
Methylnaphthalene, 2-(1-)	ug/g	0.05	<0.0071	<0.0071	<0.0071	<0.0071	0.0071	9652684
Polyaromatic Hydrocarbons								
Acenaphthene	ug/g	0.05	<0.0050	<0.0050	<0.0050	<0.0050	0.0050	9657133
Acenaphthylene	ug/g	0.093	<0.0050	<0.0050	<0.0050	<0.0050	0.0050	9657133
Anthracene	ug/g	0.05	<0.0050	<0.0050	<0.0050	<0.0050	0.0050	9657133
Benzo(a)anthracene	ug/g	0.095	<0.0050	<0.0050	<0.0050	<0.0050	0.0050	9657133
Benzo(a)pyrene	ug/g	0.05	<0.0050	<0.0050	<0.0050	<0.0050	0.0050	9657133
Benzo(b/j)fluoranthene	ug/g	0.3	<0.0050	<0.0050	<0.0050	<0.0050	0.0050	9657133
Benzo(g,h,i)perylene	ug/g	0.20	<0.0050	<0.0050	<0.0050	<0.0050	0.0050	9657133
Benzo(k)fluoranthene	ug/g	0.05	<0.0050	<0.0050	<0.0050	<0.0050	0.0050	9657133
Chrysene	ug/g	0.18	<0.0050	<0.0050	<0.0050	<0.0050	0.0050	9657133
Dibenzo(a,h)anthracene	ug/g	0.1	<0.0050	<0.0050	<0.0050	<0.0050	0.0050	9657133
Fluoranthene	ug/g	0.24	<0.0050	<0.0050	<0.0050	<0.0050	0.0050	9657133
Fluorene	ug/g	0.05	<0.0050	<0.0050	<0.0050	<0.0050	0.0050	9657133
Indeno(1,2,3-cd)pyrene	ug/g	0.11	<0.0050	<0.0050	<0.0050	<0.0050	0.0050	9657133
1-Methylnaphthalene	ug/g	0.05	<0.0050	<0.0050	<0.0050	<0.0050	0.0050	9657133
2-Methylnaphthalene	ug/g	0.05	<0.0050	<0.0050	<0.0050	<0.0050	0.0050	9657133
Naphthalene	ug/g	0.05	<0.0050	<0.0050	<0.0050	<0.0050	0.0050	9657133
Phenanthrene	ug/g	0.19	<0.0050	<0.0050	<0.0050	<0.0050	0.0050	9657133
Pyrene	ug/g	0.19	<0.0050	<0.0050	<0.0050	<0.0050	0.0050	9657133
Surrogate Recovery (%)								
D10-Anthracene	%	-	99	105	102	108		9657133
D14-Terphenyl (FS)	%	-	83	88	83	88		9657133
D8-Acenaphthylene	%	-	113	113	112	116		9657133

No Fill	No Exceedance
Grey	Exceeds 1 criteria policy/level
Black	Exceeds both criteria/levels

RDL = Reportable Detection Limit
QC Batch = Quality Control Batch
Criteria: Ontario Reg. 153/04 (Amended April 15, 2011)
Table 1: Full Depth Background Site Condition Standards
Soil - Agricultural or Other Property Use

Bureau Veritas 6740 Campobello Road, Mississauga, Ontario, L5N 2L8 Tel: (905) 817-5700 Toll-Free: 800-563-6266 Fax: (905) 817-5777 www.bvna.com

Microbiology testing is conducted at 6660 Campobello Rd. Chemistry testing is conducted at 6740 Campobello Rd.

O.REG 153 PAHS (SOIL)

Bureau Veritas ID			ADGK53		
Sampling Date			2024/09/17		
COC Number			C#1011969-01-01		
	UNITS	Criteria	QA/QC3	RDL	QC Batch
Calculated Parameters					
Methylnaphthalene, 2-(1-)	ug/g	0.05	<0.0071	0.0071	9652684
Polyaromatic Hydrocarbons					
Acenaphthene	ug/g	0.05	<0.0050	0.0050	9657133
Acenaphthylene	ug/g	0.093	<0.0050	0.0050	9657133
Anthracene	ug/g	0.05	<0.0050	0.0050	9657133
Benzo(a)anthracene	ug/g	0.095	<0.0050	0.0050	9657133
Benzo(a)pyrene	ug/g	0.05	<0.0050	0.0050	9657133
Benzo(b/j)fluoranthene	ug/g	0.3	<0.0050	0.0050	9657133
Benzo(g,h,i)perylene	ug/g	0.20	<0.0050	0.0050	9657133
Benzo(k)fluoranthene	ug/g	0.05	<0.0050	0.0050	9657133
Chrysene	ug/g	0.18	<0.0050	0.0050	9657133
Dibenzo(a,h)anthracene	ug/g	0.1	<0.0050	0.0050	9657133
Fluoranthene	ug/g	0.24	<0.0050	0.0050	9657133
Fluorene	ug/g	0.05	<0.0050	0.0050	9657133
Indeno(1,2,3-cd)pyrene	ug/g	0.11	<0.0050	0.0050	9657133
1-Methylnaphthalene	ug/g	0.05	<0.0050	0.0050	9657133
2-Methylnaphthalene	ug/g	0.05	<0.0050	0.0050	9657133
Naphthalene	ug/g	0.05	<0.0050	0.0050	9657133
Phenanthrene	ug/g	0.19	<0.0050	0.0050	9657133
Pyrene	ug/g	0.19	<0.0050	0.0050	9657133
Surrogate Recovery (%)					
D10-Anthracene	%	-	103		9657133
D14-Terphenyl (FS)	%	-	86		9657133
D8-Acenaphthylene	%	-	114		9657133

No Fill	No Exceedance
Grey	Exceeds 1 criteria policy/level
Black	Exceeds both criteria/levels

RDL = Reportable Detection Limit
QC Batch = Quality Control Batch
Criteria: Ontario Reg. 153/04 (Amended April 15, 2011)
Table 1: Full Depth Background Site Condition Standards
Soil - Agricultural or Other Property Use

Bureau Veritas 6740 Campobello Road, Mississauga, Ontario, L5N 2L8 Tel: (905) 817-5700 Toll-Free: 800-563-6266 Fax: (905) 817-5777 www.bvna.com

Microbiology testing is conducted at 6660 Campobello Rd. Chemistry testing is conducted at 6740 Campobello Rd.

O.REG 153 VOCS BY HS & F1-F4 (SOIL)

Bureau Veritas ID			ADGK14	ADGK16	ADGK22		
Sampling Date			2024/09/17	2024/09/17	2024/09/16		
COC Number			C#1011969-01-01	C#1011969-01-01	C#1011969-01-01		
	UNITS	Criteria	BH201-24_0.3-0.5	BH202-24_0.5-0.7	BH205-24_0.5-0.7	RDL	QC Batch
Calculated Parameters							
1,3-Dichloropropene (cis+trans)	ug/g	0.05	<0.050	<0.050	<0.050	0.050	9652742
Volatile Organics							
Acetone (2-Propanone)	ug/g	0.5	<0.49	<0.49	<0.49	0.49	9654170
Benzene	ug/g	0.02	<0.0060	<0.0060	<0.0060	0.0060	9654170
Bromodichloromethane	ug/g	0.05	<0.040	<0.040	<0.040	0.040	9654170
Bromoform	ug/g	0.05	<0.040	<0.040	<0.040	0.040	9654170
Bromomethane	ug/g	0.05	<0.040	<0.040	<0.040	0.040	9654170
Carbon Tetrachloride	ug/g	0.05	<0.040	<0.040	<0.040	0.040	9654170
Chlorobenzene	ug/g	0.05	<0.040	<0.040	<0.040	0.040	9654170
Chloroform	ug/g	0.05	<0.040	<0.040	<0.040	0.040	9654170
Dibromochloromethane	ug/g	0.05	<0.040	<0.040	<0.040	0.040	9654170
1,2-Dichlorobenzene	ug/g	0.05	<0.040	<0.040	<0.040	0.040	9654170
1,3-Dichlorobenzene	ug/g	0.05	<0.040	<0.040	<0.040	0.040	9654170
1,4-Dichlorobenzene	ug/g	0.05	<0.040	<0.040	<0.040	0.040	9654170
Dichlorodifluoromethane (FREON 12)	ug/g	0.05	<0.040	<0.040	<0.040	0.040	9654170
1,1-Dichloroethane	ug/g	0.05	<0.040	<0.040	<0.040	0.040	9654170
1,2-Dichloroethane	ug/g	0.05	<0.049	<0.049	<0.049	0.049	9654170
1,1-Dichloroethylene	ug/g	0.05	<0.040	<0.040	<0.040	0.040	9654170
cis-1,2-Dichloroethylene	ug/g	0.05	<0.040	<0.040	<0.040	0.040	9654170
trans-1,2-Dichloroethylene	ug/g	0.05	<0.040	<0.040	<0.040	0.040	9654170
1,2-Dichloropropane	ug/g	0.05	<0.040	<0.040	<0.040	0.040	9654170
cis-1,3-Dichloropropene	ug/g	0.05	<0.030	<0.030	<0.030	0.030	9654170
trans-1,3-Dichloropropene	ug/g	0.05	<0.040	<0.040	<0.040	0.040	9654170
Ethylbenzene	ug/g	0.05	<0.010	<0.010	<0.010	0.010	9654170
Ethylene Dibromide	ug/g	0.05	<0.040	<0.040	<0.040	0.040	9654170
Hexane	ug/g	0.05	<0.040	<0.040	<0.040	0.040	9654170
Methylene Chloride(Dichloromethane)	ug/g	0.05	<0.049	<0.049	<0.049	0.049	9654170
Methyl Ethyl Ketone (2-Butanone)	ug/g	0.5	<0.40	<0.40	<0.40	0.40	9654170
Methyl Isobutyl Ketone	ug/g	0.5	<0.40	<0.40	<0.40	0.40	9654170
Methyl t-butyl ether (MTBE)	ug/g	0.05	<0.040	<0.040	<0.040	0.040	9654170

No Fill	No Exceedance
Grey	Exceeds 1 criteria policy/level
Black	Exceeds both criteria/levels

RDL = Reportable Detection Limit
QC Batch = Quality Control Batch
Criteria: Ontario Reg. 153/04 (Amended April 15, 2011)
Table 1: Full Depth Background Site Condition Standards
Soil - Agricultural or Other Property Use

Bureau Veritas 6740 Campobello Road, Mississauga, Ontario, L5N 2L8 Tel: (905) 817-5700 Toll-Free: 800-563-6266 Fax: (905) 817-5777 www.bvna.com

Microbiology testing is conducted at 6660 Campobello Rd. Chemistry testing is conducted at 6740 Campobello Rd.

O.REG 153 VOCS BY HS & F1-F4 (SOIL)

Bureau Veritas ID			ADGK14	ADGK16	ADGK22		
Sampling Date			2024/09/17	2024/09/17	2024/09/16		
COC Number			C#1011969-01-01	C#1011969-01-01	C#1011969-01-01		
	UNITS	Criteria	BH201-24_0.3-0.5	BH202-24_0.5-0.7	BH205-24_0.5-0.7	RDL	QC Batch
Styrene	ug/g	0.05	<0.040	<0.040	<0.040	0.040	9654170
1,1,1,2-Tetrachloroethane	ug/g	0.05	<0.040	<0.040	<0.040	0.040	9654170
1,1,2,2-Tetrachloroethane	ug/g	0.05	<0.040	<0.040	<0.040	0.040	9654170
Tetrachloroethylene	ug/g	0.05	<0.040	<0.040	<0.040	0.040	9654170
Toluene	ug/g	0.2	<0.020	<0.020	<0.020	0.020	9654170
1,1,1-Trichloroethane	ug/g	0.05	<0.040	<0.040	<0.040	0.040	9654170
1,1,2-Trichloroethane	ug/g	0.05	<0.040	<0.040	<0.040	0.040	9654170
Trichloroethylene	ug/g	0.05	<0.010	<0.010	<0.010	0.010	9654170
Trichlorofluoromethane (FREON 11)	ug/g	0.05	<0.040	<0.040	<0.040	0.040	9654170
Vinyl Chloride	ug/g	0.02	<0.019	<0.019	<0.019	0.019	9654170
p+m-Xylene	ug/g	-	<0.020	<0.020	<0.020	0.020	9654170
o-Xylene	ug/g	-	<0.020	<0.020	<0.020	0.020	9654170
Total Xylenes	ug/g	0.05	<0.020	<0.020	<0.020	0.020	9654170
F1 (C6-C10)	ug/g	17	<10	<10	<10	10	9654170
F1 (C6-C10) - BTEX	ug/g	17	<10	<10	<10	10	9654170
F2-F4 Hydrocarbons							
F2 (C10-C16 Hydrocarbons)	ug/g	10	<7.0	<7.0	<7.0	7.0	9657367
F3 (C16-C34 Hydrocarbons)	ug/g	240	<50	<50	<50	50	9657367
F4 (C34-C50 Hydrocarbons)	ug/g	120	<50	<50	<50	50	9657367
Reached Baseline at C50	ug/g	-	Yes	Yes	Yes		9657367
Surrogate Recovery (%)							
o-Terphenyl	%	-	96	95	93		9657367
4-Bromofluorobenzene	%	-	106	107	107		9654170
D10-o-Xylene	%	-	100	102	113		9654170
D4-1,2-Dichloroethane	%	-	99	99	100		9654170
D8-Toluene	%	-	97	97	97		9654170

No Fill	No Exceedance
Grey	Exceeds 1 criteria policy/level
Black	Exceeds both criteria/levels

RDL = Reportable Detection Limit
QC Batch = Quality Control Batch
Criteria: Ontario Reg. 153/04 (Amended April 15, 2011)
Table 1: Full Depth Background Site Condition Standards
Soil - Agricultural or Other Property Use

Bureau Veritas 6740 Campobello Road, Mississauga, Ontario, L5N 2L8 Tel: (905) 817-5700 Toll-Free: 800-563-6266 Fax: (905) 817-5777 www.bvna.com

Microbiology testing is conducted at 6660 Campobello Rd. Chemistry testing is conducted at 6740 Campobello Rd.

O.REG 153 VOCS BY HS & F1-F4 (SOIL)

Bureau Veritas ID			ADGK22			ADGK24	ADGK26		
Sampling Date			2024/09/16			2024/09/16	2024/09/17		
COC Number			C#1011969-01-01			C#1011969-01-01	C#1011969-01-01		
	UNITS	Criteria	BH205-24_0.5-0.7 Lab-Dup	RDL	QC Batch	BH206-24_0.5-0.7	BH207-24_0.3-0.5	RDL	QC Batch
Calculated Parameters									
1,3-Dichloropropene (cis+trans)	ug/g	0.05				<0.050	<0.050	0.050	9652522
Volatile Organics									
Acetone (2-Propanone)	ug/g	0.5				<0.49	<0.49	0.49	9654170
Benzene	ug/g	0.02				<0.0060	<0.0060	0.0060	9654170
Bromodichloromethane	ug/g	0.05				<0.040	<0.040	0.040	9654170
Bromoform	ug/g	0.05				<0.040	<0.040	0.040	9654170
Bromomethane	ug/g	0.05				<0.040	<0.040	0.040	9654170
Carbon Tetrachloride	ug/g	0.05				<0.040	<0.040	0.040	9654170
Chlorobenzene	ug/g	0.05				<0.040	<0.040	0.040	9654170
Chloroform	ug/g	0.05				<0.040	<0.040	0.040	9654170
Dibromochloromethane	ug/g	0.05				<0.040	<0.040	0.040	9654170
1,2-Dichlorobenzene	ug/g	0.05				<0.040	<0.040	0.040	9654170
1,3-Dichlorobenzene	ug/g	0.05				<0.040	<0.040	0.040	9654170
1,4-Dichlorobenzene	ug/g	0.05				<0.040	<0.040	0.040	9654170
Dichlorodifluoromethane (FREON 12)	ug/g	0.05				<0.040	<0.040	0.040	9654170
1,1-Dichloroethane	ug/g	0.05				<0.040	<0.040	0.040	9654170
1,2-Dichloroethane	ug/g	0.05				<0.049	<0.049	0.049	9654170
1,1-Dichloroethylene	ug/g	0.05				<0.040	<0.040	0.040	9654170
cis-1,2-Dichloroethylene	ug/g	0.05				<0.040	<0.040	0.040	9654170
trans-1,2-Dichloroethylene	ug/g	0.05				<0.040	<0.040	0.040	9654170
1,2-Dichloropropane	ug/g	0.05				<0.040	<0.040	0.040	9654170
cis-1,3-Dichloropropene	ug/g	0.05				<0.030	<0.030	0.030	9654170
trans-1,3-Dichloropropene	ug/g	0.05				<0.040	<0.040	0.040	9654170
Ethylbenzene	ug/g	0.05				<0.010	<0.010	0.010	9654170
Ethylene Dibromide	ug/g	0.05				<0.040	<0.040	0.040	9654170
Hexane	ug/g	0.05				<0.040	<0.040	0.040	9654170
Methylene Chloride(Dichloromethane)	ug/g	0.05				<0.049	<0.049	0.049	9654170
Methyl Ethyl Ketone (2-Butanone)	ug/g	0.5				<0.40	<0.40	0.40	9654170
Methyl Isobutyl Ketone	ug/g	0.5				<0.40	<0.40	0.40	9654170

No Fill	No Exceedance
Grey	Exceeds 1 criteria policy/level
Black	Exceeds both criteria/levels

RDL = Reportable Detection Limit
QC Batch = Quality Control Batch
Lab-Dup = Laboratory Initiated Duplicate
Criteria: Ontario Reg. 153/04 (Amended April 15, 2011)
Table 1: Full Depth Background Site Condition Standards
Soil - Agricultural or Other Property Use

Bureau Veritas 6740 Campobello Road, Mississauga, Ontario, L5N 2L8 Tel: (905) 817-5700 Toll-Free: 800-563-6266 Fax: (905) 817-5777 www.bvna.com

Microbiology testing is conducted at 6660 Campobello Rd. Chemistry testing is conducted at 6740 Campobello Rd.

O.REG 153 VOCS BY HS & F1-F4 (SOIL)

Bureau Veritas ID			ADGK22			ADGK24	ADGK26		
Sampling Date			2024/09/16			2024/09/16	2024/09/17		
COC Number			C#1011969-01-01			C#1011969-01-01	C#1011969-01-01		
	UNITS	Criteria	BH205-24_0.5-0.7 Lab-Dup	RDL	QC Batch	BH206-24_0.5-0.7	BH207-24_0.3-0.5	RDL	QC Batch
Methyl t-butyl ether (MTBE)	ug/g	0.05				<0.040	<0.040	0.040	9654170
Styrene	ug/g	0.05				<0.040	<0.040	0.040	9654170
1,1,1,2-Tetrachloroethane	ug/g	0.05				<0.040	<0.040	0.040	9654170
1,1,2,2-Tetrachloroethane	ug/g	0.05				<0.040	<0.040	0.040	9654170
Tetrachloroethylene	ug/g	0.05				<0.040	<0.040	0.040	9654170
Toluene	ug/g	0.2				<0.020	<0.020	0.020	9654170
1,1,1-Trichloroethane	ug/g	0.05				<0.040	<0.040	0.040	9654170
1,1,2-Trichloroethane	ug/g	0.05				<0.040	<0.040	0.040	9654170
Trichloroethylene	ug/g	0.05				<0.010	<0.010	0.010	9654170
Trichlorofluoromethane (FREON 11)	ug/g	0.05				<0.040	<0.040	0.040	9654170
Vinyl Chloride	ug/g	0.02				<0.019	<0.019	0.019	9654170
p+m-Xylene	ug/g	-				<0.020	<0.020	0.020	9654170
o-Xylene	ug/g	-				<0.020	<0.020	0.020	9654170
Total Xylenes	ug/g	0.05				<0.020	<0.020	0.020	9654170
F1 (C6-C10)	ug/g	17				<10	<10	10	9654170
F1 (C6-C10) - BTEX	ug/g	17				<10	<10	10	9654170
F2-F4 Hydrocarbons									
F2 (C10-C16 Hydrocarbons)	ug/g	10	<7.0	7.0	9657367	<7.0	<7.0	7.0	9657367
F3 (C16-C34 Hydrocarbons)	ug/g	240	<50	50	9657367	<50	<50	50	9657367
F4 (C34-C50 Hydrocarbons)	ug/g	120	<50	50	9657367	<50	<50	50	9657367
Reached Baseline at C50	ug/g	-	Yes		9657367	Yes	Yes		9657367
Surrogate Recovery (%)									
o-Terphenyl	%	-	96		9657367	94	91		9657367
4-Bromofluorobenzene	%	-				107	106		9654170
D10-o-Xylene	%	-				104	104		9654170
D4-1,2-Dichloroethane	%	-				100	100		9654170
D8-Toluene	%	-				97	96		9654170

No Fill	No Exceedance
Grey	Exceeds 1 criteria policy/level
Black	Exceeds both criteria/levels

RDL = Reportable Detection Limit
QC Batch = Quality Control Batch
Lab-Dup = Laboratory Initiated Duplicate
Criteria: Ontario Reg. 153/04 (Amended April 15, 2011)
Table 1: Full Depth Background Site Condition Standards
Soil - Agricultural or Other Property Use

Bureau Veritas 6740 Campobello Road, Mississauga, Ontario, L5N 2L8 Tel: (905) 817-5700 Toll-Free: 800-563-6266 Fax: (905) 817-5777 www.bvna.com

Microbiology testing is conducted at 6660 Campobello Rd. Chemistry testing is conducted at 6740 Campobello Rd.

O.REG 153 VOCS BY HS & F1-F4 (SOIL)

Bureau Veritas ID			ADGK28	ADGK30		ADGK32		
Sampling Date			2024/09/17	2024/09/17		2024/09/17		
COC Number			C#1011969-01-01	C#1011969-01-01		C#1011969-01-01		
	UNITS	Criteria	BH208-24_0.3-0.5	BH209-24_0.3-0.5	QC Batch	BH210-24_0.3-0.5	RDL	QC Batch
Calculated Parameters								
1,3-Dichloropropene (cis+trans)	ug/g	0.05	<0.050	<0.050	9652522	<0.050	0.050	9652742
Volatile Organics								
Acetone (2-Propanone)	ug/g	0.5	<0.49	<0.49	9654170	<0.49	0.49	9654170
Benzene	ug/g	0.02	<0.0060	<0.0060	9654170	<0.0060	0.0060	9654170
Bromodichloromethane	ug/g	0.05	<0.040	<0.040	9654170	<0.040	0.040	9654170
Bromoform	ug/g	0.05	<0.040	<0.040	9654170	<0.040	0.040	9654170
Bromomethane	ug/g	0.05	<0.040	<0.040	9654170	<0.040	0.040	9654170
Carbon Tetrachloride	ug/g	0.05	<0.040	<0.040	9654170	<0.040	0.040	9654170
Chlorobenzene	ug/g	0.05	<0.040	<0.040	9654170	<0.040	0.040	9654170
Chloroform	ug/g	0.05	<0.040	<0.040	9654170	<0.040	0.040	9654170
Dibromochloromethane	ug/g	0.05	<0.040	<0.040	9654170	<0.040	0.040	9654170
1,2-Dichlorobenzene	ug/g	0.05	<0.040	<0.040	9654170	<0.040	0.040	9654170
1,3-Dichlorobenzene	ug/g	0.05	<0.040	<0.040	9654170	<0.040	0.040	9654170
1,4-Dichlorobenzene	ug/g	0.05	<0.040	<0.040	9654170	<0.040	0.040	9654170
Dichlorodifluoromethane (FREON 12)	ug/g	0.05	<0.040	<0.040	9654170	<0.040	0.040	9654170
1,1-Dichloroethane	ug/g	0.05	<0.040	<0.040	9654170	<0.040	0.040	9654170
1,2-Dichloroethane	ug/g	0.05	<0.049	<0.049	9654170	<0.049	0.049	9654170
1,1-Dichloroethylene	ug/g	0.05	<0.040	<0.040	9654170	<0.040	0.040	9654170
cis-1,2-Dichloroethylene	ug/g	0.05	<0.040	<0.040	9654170	<0.040	0.040	9654170
trans-1,2-Dichloroethylene	ug/g	0.05	<0.040	<0.040	9654170	<0.040	0.040	9654170
1,2-Dichloropropane	ug/g	0.05	<0.040	<0.040	9654170	<0.040	0.040	9654170
cis-1,3-Dichloropropene	ug/g	0.05	<0.030	<0.030	9654170	<0.030	0.030	9654170
trans-1,3-Dichloropropene	ug/g	0.05	<0.040	<0.040	9654170	<0.040	0.040	9654170
Ethylbenzene	ug/g	0.05	<0.010	<0.010	9654170	<0.010	0.010	9654170
Ethylene Dibromide	ug/g	0.05	<0.040	<0.040	9654170	<0.040	0.040	9654170
Hexane	ug/g	0.05	<0.040	<0.040	9654170	<0.040	0.040	9654170
Methylene Chloride(Dichloromethane)	ug/g	0.05	<0.049	<0.049	9654170	<0.049	0.049	9654170
Methyl Ethyl Ketone (2-Butanone)	ug/g	0.5	<0.40	<0.40	9654170	<0.40	0.40	9654170
Methyl Isobutyl Ketone	ug/g	0.5	<0.40	<0.40	9654170	<0.40	0.40	9654170
Methyl t-butyl ether (MTBE)	ug/g	0.05	<0.040	<0.040	9654170	<0.040	0.040	9654170

No Fill	No Exceedance
Grey	Exceeds 1 criteria policy/level
Black	Exceeds both criteria/levels

RDL = Reportable Detection Limit
QC Batch = Quality Control Batch
Criteria: Ontario Reg. 153/04 (Amended April 15, 2011)
Table 1: Full Depth Background Site Condition Standards
Soil - Agricultural or Other Property Use

Bureau Veritas 6740 Campobello Road, Mississauga, Ontario, L5N 2L8 Tel: (905) 817-5700 Toll-Free: 800-563-6266 Fax: (905) 817-5777 www.bvna.com

Microbiology testing is conducted at 6660 Campobello Rd. Chemistry testing is conducted at 6740 Campobello Rd.

O.REG 153 VOCS BY HS & F1-F4 (SOIL)

Bureau Veritas ID			ADGK28	ADGK30		ADGK32		
Sampling Date			2024/09/17	2024/09/17		2024/09/17		
COC Number			C#1011969-01-01	C#1011969-01-01		C#1011969-01-01		
	UNITS	Criteria	BH208-24_0.3-0.5	BH209-24_0.3-0.5	QC Batch	BH210-24_0.3-0.5	RDL	QC Batch
Styrene	ug/g	0.05	<0.040	<0.040	9654170	<0.040	0.040	9654170
1,1,1,2-Tetrachloroethane	ug/g	0.05	<0.040	<0.040	9654170	<0.040	0.040	9654170
1,1,2,2-Tetrachloroethane	ug/g	0.05	<0.040	<0.040	9654170	<0.040	0.040	9654170
Tetrachloroethylene	ug/g	0.05	<0.040	<0.040	9654170	<0.040	0.040	9654170
Toluene	ug/g	0.2	<0.020	<0.020	9654170	<0.020	0.020	9654170
1,1,1-Trichloroethane	ug/g	0.05	<0.040	<0.040	9654170	<0.040	0.040	9654170
1,1,2-Trichloroethane	ug/g	0.05	<0.040	<0.040	9654170	<0.040	0.040	9654170
Trichloroethylene	ug/g	0.05	<0.010	<0.010	9654170	<0.010	0.010	9654170
Trichlorofluoromethane (FREON 11)	ug/g	0.05	<0.040	<0.040	9654170	<0.040	0.040	9654170
Vinyl Chloride	ug/g	0.02	<0.019	<0.019	9654170	<0.019	0.019	9654170
p+m-Xylene	ug/g	-	<0.020	<0.020	9654170	<0.020	0.020	9654170
o-Xylene	ug/g	-	<0.020	<0.020	9654170	<0.020	0.020	9654170
Total Xylenes	ug/g	0.05	<0.020	<0.020	9654170	<0.020	0.020	9654170
F1 (C6-C10)	ug/g	17	<10	<10	9654170	<10	10	9654170
F1 (C6-C10) - BTEX	ug/g	17	<10	<10	9654170	<10	10	9654170
F2-F4 Hydrocarbons								
F2 (C10-C16 Hydrocarbons)	ug/g	10	<7.0	<7.0	9657367	<7.0	7.0	9657367
F3 (C16-C34 Hydrocarbons)	ug/g	240	<50	<50	9657367	<50	50	9657367
F4 (C34-C50 Hydrocarbons)	ug/g	120	<50	<50	9657367	<50	50	9657367
Reached Baseline at C50	ug/g	-	Yes	Yes	9657367	Yes		9657367
Surrogate Recovery (%)								
o-Terphenyl	%	-	94	95	9657367	93		9657367
4-Bromofluorobenzene	%	-	107	106	9654170	107		9654170
D10-o-Xylene	%	-	102	102	9654170	104		9654170
D4-1,2-Dichloroethane	%	-	101	100	9654170	101		9654170
D8-Toluene	%	-	96	96	9654170	97		9654170

No Fill	No Exceedance
Grey	Exceeds 1 criteria policy/level
Black	Exceeds both criteria/levels

RDL = Reportable Detection Limit
QC Batch = Quality Control Batch
Criteria: Ontario Reg. 153/04 (Amended April 15, 2011)
Table 1: Full Depth Background Site Condition Standards
Soil - Agricultural or Other Property Use

Bureau Veritas 6740 Campobello Road, Mississauga, Ontario, L5N 2L8 Tel: (905) 817-5700 Toll-Free: 800-563-6266 Fax: (905) 817-5777 www.bvna.com

Microbiology testing is conducted at 6660 Campobello Rd. Chemistry testing is conducted at 6740 Campobello Rd.

O.REG 153 VOCS BY HS & F1-F4 (SOIL)

Bureau Veritas ID			ADGK34	ADGK44	ADGK46		
Sampling Date			2024/09/17	2024/09/16	2024/09/17		
COC Number			C#1011969-01-01	C#1011969-01-01	C#1011969-01-01		
	UNITS	Criteria	BH211-24_0.3-0.5	BH216-24_0.3-0.5	BH217-24_0.3-0.5	RDL	QC Batch
Calculated Parameters							
1,3-Dichloropropene (cis+trans)	ug/g	0.05	<0.050	<0.050	<0.050	0.050	9652522
Volatile Organics							
Acetone (2-Propanone)	ug/g	0.5	<0.49	<0.49	<0.49	0.49	9654170
Benzene	ug/g	0.02	<0.0060	<0.0060	<0.0060	0.0060	9654170
Bromodichloromethane	ug/g	0.05	<0.040	<0.040	<0.040	0.040	9654170
Bromoform	ug/g	0.05	<0.040	<0.040	<0.040	0.040	9654170
Bromomethane	ug/g	0.05	<0.040	<0.040	<0.040	0.040	9654170
Carbon Tetrachloride	ug/g	0.05	<0.040	<0.040	<0.040	0.040	9654170
Chlorobenzene	ug/g	0.05	<0.040	<0.040	<0.040	0.040	9654170
Chloroform	ug/g	0.05	<0.040	<0.040	<0.040	0.040	9654170
Dibromochloromethane	ug/g	0.05	<0.040	<0.040	<0.040	0.040	9654170
1,2-Dichlorobenzene	ug/g	0.05	<0.040	<0.040	<0.040	0.040	9654170
1,3-Dichlorobenzene	ug/g	0.05	<0.040	<0.040	<0.040	0.040	9654170
1,4-Dichlorobenzene	ug/g	0.05	<0.040	<0.040	<0.040	0.040	9654170
Dichlorodifluoromethane (FREON 12)	ug/g	0.05	<0.040	<0.040	<0.040	0.040	9654170
1,1-Dichloroethane	ug/g	0.05	<0.040	<0.040	<0.040	0.040	9654170
1,2-Dichloroethane	ug/g	0.05	<0.049	<0.049	<0.049	0.049	9654170
1,1-Dichloroethylene	ug/g	0.05	<0.040	<0.040	<0.040	0.040	9654170
cis-1,2-Dichloroethylene	ug/g	0.05	<0.040	<0.040	<0.040	0.040	9654170
trans-1,2-Dichloroethylene	ug/g	0.05	<0.040	<0.040	<0.040	0.040	9654170
1,2-Dichloropropane	ug/g	0.05	<0.040	<0.040	<0.040	0.040	9654170
cis-1,3-Dichloropropene	ug/g	0.05	<0.030	<0.030	<0.030	0.030	9654170
trans-1,3-Dichloropropene	ug/g	0.05	<0.040	<0.040	<0.040	0.040	9654170
Ethylbenzene	ug/g	0.05	<0.010	<0.010	<0.010	0.010	9654170
Ethylene Dibromide	ug/g	0.05	<0.040	<0.040	<0.040	0.040	9654170
Hexane	ug/g	0.05	<0.040	<0.040	<0.040	0.040	9654170
Methylene Chloride(Dichloromethane)	ug/g	0.05	<0.049	<0.049	<0.049	0.049	9654170
Methyl Ethyl Ketone (2-Butanone)	ug/g	0.5	<0.40	<0.40	<0.40	0.40	9654170
Methyl Isobutyl Ketone	ug/g	0.5	<0.40	<0.40	<0.40	0.40	9654170
Methyl t-butyl ether (MTBE)	ug/g	0.05	<0.040	<0.040	<0.040	0.040	9654170

No Fill	No Exceedance
Grey	Exceeds 1 criteria policy/level
Black	Exceeds both criteria/levels

RDL = Reportable Detection Limit
QC Batch = Quality Control Batch
Criteria: Ontario Reg. 153/04 (Amended April 15, 2011)
Table 1: Full Depth Background Site Condition Standards
Soil - Agricultural or Other Property Use

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Microbiology testing is conducted at 6660 Campobello Rd. Chemistry testing is conducted at 6740 Campobello Rd.

O.REG 153 VOCS BY HS & F1-F4 (SOIL)

Bureau Veritas ID			ADGK34	ADGK44	ADGK46		
Sampling Date			2024/09/17	2024/09/16	2024/09/17		
COC Number			C#1011969-01-01	C#1011969-01-01	C#1011969-01-01		
	UNITS	Criteria	BH211-24_0.3-0.5	BH216-24_0.3-0.5	BH217-24_0.3-0.5	RDL	QC Batch
Styrene	ug/g	0.05	<0.040	<0.040	<0.040	0.040	9654170
1,1,1,2-Tetrachloroethane	ug/g	0.05	<0.040	<0.040	<0.040	0.040	9654170
1,1,2,2-Tetrachloroethane	ug/g	0.05	<0.040	<0.040	<0.040	0.040	9654170
Tetrachloroethylene	ug/g	0.05	<0.040	<0.040	<0.040	0.040	9654170
Toluene	ug/g	0.2	<0.020	<0.020	<0.020	0.020	9654170
1,1,1-Trichloroethane	ug/g	0.05	<0.040	<0.040	<0.040	0.040	9654170
1,1,2-Trichloroethane	ug/g	0.05	<0.040	<0.040	<0.040	0.040	9654170
Trichloroethylene	ug/g	0.05	<0.010	<0.010	<0.010	0.010	9654170
Trichlorofluoromethane (FREON 11)	ug/g	0.05	<0.040	<0.040	<0.040	0.040	9654170
Vinyl Chloride	ug/g	0.02	<0.019	<0.019	<0.019	0.019	9654170
p+m-Xylene	ug/g	-	<0.020	<0.020	<0.020	0.020	9654170
o-Xylene	ug/g	-	<0.020	<0.020	<0.020	0.020	9654170
Total Xylenes	ug/g	0.05	<0.020	<0.020	<0.020	0.020	9654170
F1 (C6-C10)	ug/g	17	<10	<10	<10	10	9654170
F1 (C6-C10) - BTEX	ug/g	17	<10	<10	<10	10	9654170
F2-F4 Hydrocarbons							
F2 (C10-C16 Hydrocarbons)	ug/g	10	<7.0	<7.0	<7.0	7.0	9657367
F3 (C16-C34 Hydrocarbons)	ug/g	240	<50	<50	<50	50	9657367
F4 (C34-C50 Hydrocarbons)	ug/g	120	<50	<50	<50	50	9657367
Reached Baseline at C50	ug/g	-	Yes	Yes	Yes		9657367
Surrogate Recovery (%)							
o-Terphenyl	%	-	96	92	93		9657367
4-Bromofluorobenzene	%	-	106	107	106		9654170
D10-o-Xylene	%	-	103	106	104		9654170
D4-1,2-Dichloroethane	%	-	100	101	102		9654170
D8-Toluene	%	-	96	96	96		9654170

No Fill	No Exceedance
Grey	Exceeds 1 criteria policy/level
Black	Exceeds both criteria/levels

RDL = Reportable Detection Limit
QC Batch = Quality Control Batch
Criteria: Ontario Reg. 153/04 (Amended April 15, 2011)
Table 1: Full Depth Background Site Condition Standards
Soil - Agricultural or Other Property Use

Bureau Veritas 6740 Campobello Road, Mississauga, Ontario, L5N 2L8 Tel: (905) 817-5700 Toll-Free: 800-563-6266 Fax: (905) 817-5777 www.bvna.com

Microbiology testing is conducted at 6660 Campobello Rd. Chemistry testing is conducted at 6740 Campobello Rd.

O.REG 153 VOCS BY HS & F1-F4 (SOIL)

Bureau Veritas ID			ADGK48	ADGK50			ADGK50		
Sampling Date			2024/09/16	2024/09/16			2024/09/16		
COC Number			C#1011969-01-01	C#1011969-01-01			C#1011969-01-01		
	UNITS	Criteria	BH218-24_0.3-0.5	QA/QC1	RDL	QC Batch	QA/QC1 Lab-Dup	RDL	QC Batch
Calculated Parameters									
1,3-Dichloropropene (cis+trans)	ug/g	0.05	<0.050	<0.050	0.050	9652522			
Volatile Organics									
Acetone (2-Propanone)	ug/g	0.5	<0.49	<0.49	0.49	9654170	<0.49	0.49	9654170
Benzene	ug/g	0.02	<0.0060	<0.0060	0.0060	9654170	<0.0060	0.0060	9654170
Bromodichloromethane	ug/g	0.05	<0.040	<0.040	0.040	9654170	<0.040	0.040	9654170
Bromoform	ug/g	0.05	<0.040	<0.040	0.040	9654170	<0.040	0.040	9654170
Bromomethane	ug/g	0.05	<0.040	<0.040	0.040	9654170	<0.040	0.040	9654170
Carbon Tetrachloride	ug/g	0.05	<0.040	<0.040	0.040	9654170	<0.040	0.040	9654170
Chlorobenzene	ug/g	0.05	<0.040	<0.040	0.040	9654170	<0.040	0.040	9654170
Chloroform	ug/g	0.05	<0.040	<0.040	0.040	9654170	<0.040	0.040	9654170
Dibromochloromethane	ug/g	0.05	<0.040	<0.040	0.040	9654170	<0.040	0.040	9654170
1,2-Dichlorobenzene	ug/g	0.05	<0.040	<0.040	0.040	9654170	<0.040	0.040	9654170
1,3-Dichlorobenzene	ug/g	0.05	<0.040	<0.040	0.040	9654170	<0.040	0.040	9654170
1,4-Dichlorobenzene	ug/g	0.05	<0.040	<0.040	0.040	9654170	<0.040	0.040	9654170
Dichlorodifluoromethane (FREON 12)	ug/g	0.05	<0.040	<0.040	0.040	9654170	<0.040	0.040	9654170
1,1-Dichloroethane	ug/g	0.05	<0.040	<0.040	0.040	9654170	<0.040	0.040	9654170
1,2-Dichloroethane	ug/g	0.05	<0.049	<0.049	0.049	9654170	<0.049	0.049	9654170
1,1-Dichloroethylene	ug/g	0.05	<0.040	<0.040	0.040	9654170	<0.040	0.040	9654170
cis-1,2-Dichloroethylene	ug/g	0.05	<0.040	<0.040	0.040	9654170	<0.040	0.040	9654170
trans-1,2-Dichloroethylene	ug/g	0.05	<0.040	<0.040	0.040	9654170	<0.040	0.040	9654170
1,2-Dichloropropane	ug/g	0.05	<0.040	<0.040	0.040	9654170	<0.040	0.040	9654170
cis-1,3-Dichloropropene	ug/g	0.05	<0.030	<0.030	0.030	9654170	<0.030	0.030	9654170
trans-1,3-Dichloropropene	ug/g	0.05	<0.040	<0.040	0.040	9654170	<0.040	0.040	9654170
Ethylbenzene	ug/g	0.05	<0.010	<0.010	0.010	9654170	<0.010	0.010	9654170
Ethylene Dibromide	ug/g	0.05	<0.040	<0.040	0.040	9654170	<0.040	0.040	9654170
Hexane	ug/g	0.05	<0.040	<0.040	0.040	9654170	<0.040	0.040	9654170
Methylene Chloride(Dichloromethane)	ug/g	0.05	<0.049	<0.049	0.049	9654170	<0.049	0.049	9654170
Methyl Ethyl Ketone (2-Butanone)	ug/g	0.5	<0.40	<0.40	0.40	9654170	<0.40	0.40	9654170
Methyl Isobutyl Ketone	ug/g	0.5	<0.40	<0.40	0.40	9654170	<0.40	0.40	9654170

No Fill	No Exceedance
Grey	Exceeds 1 criteria policy/level
Black	Exceeds both criteria/levels

RDL = Reportable Detection Limit
QC Batch = Quality Control Batch
Lab-Dup = Laboratory Initiated Duplicate
Criteria: Ontario Reg. 153/04 (Amended April 15, 2011)
Table 1: Full Depth Background Site Condition Standards
Soil - Agricultural or Other Property Use

Bureau Veritas 6740 Campobello Road, Mississauga, Ontario, L5N 2L8 Tel: (905) 817-5700 Toll-Free: 800-563-6266 Fax: (905) 817-5777 www.bvna.com

Microbiology testing is conducted at 6660 Campobello Rd. Chemistry testing is conducted at 6740 Campobello Rd.

O.REG 153 VOCS BY HS & F1-F4 (SOIL)

Bureau Veritas ID			ADGK48	ADGK50			ADGK50		
Sampling Date			2024/09/16	2024/09/16			2024/09/16		
COC Number			C#1011969-01-01	C#1011969-01-01			C#1011969-01-01		
	UNITS	Criteria	BH218-24_0.3-0.5	QA/QC1	RDL	QC Batch	QA/QC1 Lab-Dup	RDL	QC Batch
Methyl t-butyl ether (MTBE)	ug/g	0.05	<0.040	<0.040	0.040	9654170	<0.040	0.040	9654170
Styrene	ug/g	0.05	<0.040	<0.040	0.040	9654170	<0.040	0.040	9654170
1,1,1,2-Tetrachloroethane	ug/g	0.05	<0.040	<0.040	0.040	9654170	<0.040	0.040	9654170
1,1,2,2-Tetrachloroethane	ug/g	0.05	<0.040	<0.040	0.040	9654170	<0.040	0.040	9654170
Tetrachloroethylene	ug/g	0.05	<0.040	<0.040	0.040	9654170	<0.040	0.040	9654170
Toluene	ug/g	0.2	<0.020	<0.020	0.020	9654170	<0.020	0.020	9654170
1,1,1-Trichloroethane	ug/g	0.05	<0.040	<0.040	0.040	9654170	<0.040	0.040	9654170
1,1,2-Trichloroethane	ug/g	0.05	<0.040	<0.040	0.040	9654170	<0.040	0.040	9654170
Trichloroethylene	ug/g	0.05	<0.010	<0.010	0.010	9654170	<0.010	0.010	9654170
Trichlorofluoromethane (FREON 11)	ug/g	0.05	<0.040	<0.040	0.040	9654170	<0.040	0.040	9654170
Vinyl Chloride	ug/g	0.02	<0.019	<0.019	0.019	9654170	<0.019	0.019	9654170
p+m-Xylene	ug/g	-	<0.020	<0.020	0.020	9654170	<0.020	0.020	9654170
o-Xylene	ug/g	-	<0.020	<0.020	0.020	9654170	<0.020	0.020	9654170
Total Xylenes	ug/g	0.05	<0.020	<0.020	0.020	9654170	<0.020	0.020	9654170
F1 (C6-C10)	ug/g	17	<10	<10	10	9654170	<10	10	9654170
F1 (C6-C10) - BTEX	ug/g	17	<10	<10	10	9654170	<10	10	9654170
F2-F4 Hydrocarbons									
F2 (C10-C16 Hydrocarbons)	ug/g	10	<7.0	<7.0	7.0	9657367			
F3 (C16-C34 Hydrocarbons)	ug/g	240	<50	<50	50	9657367			
F4 (C34-C50 Hydrocarbons)	ug/g	120	<50	<50	50	9657367			
Reached Baseline at C50	ug/g	-	Yes	Yes		9657367			
Surrogate Recovery (%)									
o-Terphenyl	%	-	92	94		9657367			
4-Bromofluorobenzene	%	-	106	105		9654170	106		9654170
D10-o-Xylene	%	-	104	105		9654170	107		9654170
D4-1,2-Dichloroethane	%	-	100	100		9654170	100		9654170
D8-Toluene	%	-	97	97		9654170	97		9654170

No Fill	No Exceedance
Grey	Exceeds 1 criteria policy/level
Black	Exceeds both criteria/levels

RDL = Reportable Detection Limit
QC Batch = Quality Control Batch
Lab-Dup = Laboratory Initiated Duplicate
Criteria: Ontario Reg. 153/04 (Amended April 15, 2011)
Table 1: Full Depth Background Site Condition Standards
Soil - Agricultural or Other Property Use

Bureau Veritas 6740 Campobello Road, Mississauga, Ontario, L5N 2L8 Tel: (905) 817-5700 Toll-Free: 800-563-6266 Fax: (905) 817-5777 www.bvna.com

Microbiology testing is conducted at 6660 Campobello Rd. Chemistry testing is conducted at 6740 Campobello Rd.

O.REG 153 VOCS BY HS & F1-F4 (SOIL)

Bureau Veritas ID			ADGK53		
Sampling Date			2024/09/17		
COC Number			C#1011969-01-01		
	UNITS	Criteria	QA/QC3	RDL	QC Batch
Calculated Parameters					
1,3-Dichloropropene (cis+trans)	ug/g	0.05	<0.050	0.050	9652522
Volatile Organics					
Acetone (2-Propanone)	ug/g	0.5	<0.49	0.49	9654170
Benzene	ug/g	0.02	<0.0060	0.0060	9654170
Bromodichloromethane	ug/g	0.05	<0.040	0.040	9654170
Bromoform	ug/g	0.05	<0.040	0.040	9654170
Bromomethane	ug/g	0.05	<0.040	0.040	9654170
Carbon Tetrachloride	ug/g	0.05	<0.040	0.040	9654170
Chlorobenzene	ug/g	0.05	<0.040	0.040	9654170
Chloroform	ug/g	0.05	<0.040	0.040	9654170
Dibromochloromethane	ug/g	0.05	<0.040	0.040	9654170
1,2-Dichlorobenzene	ug/g	0.05	<0.040	0.040	9654170
1,3-Dichlorobenzene	ug/g	0.05	<0.040	0.040	9654170
1,4-Dichlorobenzene	ug/g	0.05	<0.040	0.040	9654170
Dichlorodifluoromethane (FREON 12)	ug/g	0.05	<0.040	0.040	9654170
1,1-Dichloroethane	ug/g	0.05	<0.040	0.040	9654170
1,2-Dichloroethane	ug/g	0.05	<0.049	0.049	9654170
1,1-Dichloroethylene	ug/g	0.05	<0.040	0.040	9654170
cis-1,2-Dichloroethylene	ug/g	0.05	<0.040	0.040	9654170
trans-1,2-Dichloroethylene	ug/g	0.05	<0.040	0.040	9654170
1,2-Dichloropropane	ug/g	0.05	<0.040	0.040	9654170
cis-1,3-Dichloropropene	ug/g	0.05	<0.030	0.030	9654170
trans-1,3-Dichloropropene	ug/g	0.05	<0.040	0.040	9654170
Ethylbenzene	ug/g	0.05	<0.010	0.010	9654170
Ethylene Dibromide	ug/g	0.05	<0.040	0.040	9654170
Hexane	ug/g	0.05	<0.040	0.040	9654170
Methylene Chloride(Dichloromethane)	ug/g	0.05	<0.049	0.049	9654170
Methyl Ethyl Ketone (2-Butanone)	ug/g	0.5	<0.40	0.40	9654170
Methyl Isobutyl Ketone	ug/g	0.5	<0.40	0.40	9654170
Methyl t-butyl ether (MTBE)	ug/g	0.05	<0.040	0.040	9654170

No Fill	No Exceedance
Grey	Exceeds 1 criteria policy/level
Black	Exceeds both criteria/levels

RDL = Reportable Detection Limit
QC Batch = Quality Control Batch
Criteria: Ontario Reg. 153/04 (Amended April 15, 2011)
Table 1: Full Depth Background Site Condition Standards
Soil - Agricultural or Other Property Use

Bureau Veritas 6740 Campobello Road, Mississauga, Ontario, L5N 2L8 Tel: (905) 817-5700 Toll-Free: 800-563-6266 Fax: (905) 817-5777 www.bvna.com

Microbiology testing is conducted at 6660 Campobello Rd. Chemistry testing is conducted at 6740 Campobello Rd.

O.REG 153 VOCS BY HS & F1-F4 (SOIL)

Bureau Veritas ID			ADGK53		
Sampling Date			2024/09/17		
COC Number			C#1011969-01-01		
	UNITS	Criteria	QA/QC3	RDL	QC Batch
Styrene	ug/g	0.05	<0.040	0.040	9654170
1,1,1,2-Tetrachloroethane	ug/g	0.05	<0.040	0.040	9654170
1,1,2,2-Tetrachloroethane	ug/g	0.05	<0.040	0.040	9654170
Tetrachloroethylene	ug/g	0.05	<0.040	0.040	9654170
Toluene	ug/g	0.2	<0.020	0.020	9654170
1,1,1-Trichloroethane	ug/g	0.05	<0.040	0.040	9654170
1,1,2-Trichloroethane	ug/g	0.05	<0.040	0.040	9654170
Trichloroethylene	ug/g	0.05	<0.010	0.010	9654170
Trichlorofluoromethane (FREON 11)	ug/g	0.05	<0.040	0.040	9654170
Vinyl Chloride	ug/g	0.02	<0.019	0.019	9654170
p+m-Xylene	ug/g	-	<0.020	0.020	9654170
o-Xylene	ug/g	-	<0.020	0.020	9654170
Total Xylenes	ug/g	0.05	<0.020	0.020	9654170
F1 (C6-C10)	ug/g	17	<10	10	9654170
F1 (C6-C10) - BTEX	ug/g	17	<10	10	9654170
F2-F4 Hydrocarbons					
F2 (C10-C16 Hydrocarbons)	ug/g	10	<7.0	7.0	9657367
F3 (C16-C34 Hydrocarbons)	ug/g	240	<50	50	9657367
F4 (C34-C50 Hydrocarbons)	ug/g	120	<50	50	9657367
Reached Baseline at C50	ug/g	-	Yes		9657367
Surrogate Recovery (%)					
o-Terphenyl	%	-	90		9657367
4-Bromofluorobenzene	%	-	106		9654170
D10-o-Xylene	%	-	107		9654170
D4-1,2-Dichloroethane	%	-	102		9654170
D8-Toluene	%	-	96		9654170

No Fill	No Exceedance
Grey	Exceeds 1 criteria policy/level
Black	Exceeds both criteria/levels

RDL = Reportable Detection Limit
QC Batch = Quality Control Batch
Criteria: Ontario Reg. 153/04 (Amended April 15, 2011)
Table 1: Full Depth Background Site Condition Standards
Soil - Agricultural or Other Property Use

Bureau Veritas 6740 Campobello Road, Mississauga, Ontario, L5N 2L8 Tel: (905) 817-5700 Toll-Free: 800-563-6266 Fax: (905) 817-5777 www.bvna.com

Microbiology testing is conducted at 6660 Campobello Rd. Chemistry testing is conducted at 6740 Campobello Rd.

RESULTS OF ANALYSES OF SOIL

Bureau Veritas ID		ADGK14		ADGK15		ADGK16		
Sampling Date		2024/09/17		2024/09/17		2024/09/17		
COC Number		C#1011969-01-01		C#1011969-01-01		C#1011969-01-01		
	UNITS	BH201-24_0.3-0.5	QC Batch	BH201-24_0.5-0.7	QC Batch	BH202-24_0.5-0.7	RDL	QC Batch
Inorganics								
Moisture	%	13	9654449	15	9673624	15	1.0	9654585

RDL = Reportable Detection Limit
QC Batch = Quality Control Batch

Bureau Veritas ID		ADGK17		ADGK18		ADGK20	ADGK22		
Sampling Date		2024/09/17		2024/09/16		2024/09/16	2024/09/16		
COC Number		C#1011969-01-01		C#1011969-01-01		C#1011969-01-01	C#1011969-01-01		
	UNITS	BH202-24_0.7-0.9	QC Batch	BH203-24_0-0.3	QC Batch	BH204-24_0.0-0.3	BH205-24_0.5-0.7	RDL	QC Batch
Inorganics									
Moisture	%	17	9673624	13	9654443	16	29	1.0	9654449

RDL = Reportable Detection Limit
QC Batch = Quality Control Batch

Bureau Veritas ID		ADGK24	ADGK26	ADGK28		ADGK30		
Sampling Date		2024/09/16	2024/09/17	2024/09/17		2024/09/17		
COC Number		C#1011969-01-01	C#1011969-01-01	C#1011969-01-01		C#1011969-01-01		
	UNITS	BH206-24_0.5-0.7	BH207-24_0.3-0.5	BH208-24_0.3-0.5	QC Batch	BH209-24_0.3-0.5	RDL	QC Batch
Inorganics								
Moisture	%	15	16	15	9654585	16	1.0	9654449

RDL = Reportable Detection Limit
QC Batch = Quality Control Batch

Bureau Veritas ID		ADGK32		ADGK34	ADGK34		ADGK36		
Sampling Date		2024/09/17		2024/09/17	2024/09/17		2024/09/17		
COC Number		C#1011969-01-01		C#1011969-01-01	C#1011969-01-01		C#1011969-01-01		
	UNITS	BH210-24_0.3-0.5	QC Batch	BH211-24_0.3-0.5	BH211-24_0.3-0.5 Lab-Dup	QC Batch	BH212-24_0-0.3	RDL	QC Batch
Inorganics									
Moisture	%	14	9654449	15	16	9654585	15	1.0	9654443

RDL = Reportable Detection Limit
QC Batch = Quality Control Batch
Lab-Dup = Laboratory Initiated Duplicate

Bureau Veritas ID		ADGK38	ADGK40	ADGK42		ADGK44		
Sampling Date		2024/09/17	2024/09/17	2024/09/17		2024/09/16		
COC Number		C#1011969-01-01	C#1011969-01-01	C#1011969-01-01		C#1011969-01-01		
	UNITS	BH213-24_0-0.3	BH214-24_0-0.3	BH215-24_0-0.3	QC Batch	BH216-24_0.3-0.5	RDL	QC Batch
Inorganics								
Moisture	%	16	14	17	9654449	17	1.0	9654585

RDL = Reportable Detection Limit
QC Batch = Quality Control Batch

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Microbiology testing is conducted at 6660 Campobello Rd. Chemistry testing is conducted at 6740 Campobello Rd.

Bureau Veritas Job #: C4T2597
Report Date: 2024/10/10

Cambium Environmental Inc
Client Project #: 21199-001
Sampler Initials: RG

RESULTS OF ANALYSES OF SOIL

Bureau Veritas ID		ADGK46		ADGK48		ADGK50	ADGK52		
Sampling Date		2024/09/17		2024/09/16		2024/09/16	2024/09/17		
COC Number		C#1011969-01-01		C#1011969-01-01		C#1011969-01-01	C#1011969-01-01		
	UNITS	BH217-24_0.3-0.5	QC Batch	BH218-24_0.3-0.5	QC Batch	QA/QC1	QA/QC2	RDL	QC Batch
Inorganics									
Moisture	%	19	9654449	11	9654585	19	17	1.0	9654449

RDL = Reportable Detection Limit
QC Batch = Quality Control Batch

Bureau Veritas ID		ADGK53		
Sampling Date		2024/09/17		
COC Number		C#1011969-01-01		
	UNITS	QA/QC3	RDL	QC Batch
Inorganics				
Moisture	%	15	1.0	9654585

RDL = Reportable Detection Limit
QC Batch = Quality Control Batch

Bureau Veritas 6740 Campobello Road, Mississauga, Ontario, L5N 2L8 Tel: (905) 817-5700 Toll-Free: 800-563-6266 Fax: (905) 817-5777 www.bvna.com

Microbiology testing is conducted at 6660 Campobello Rd. Chemistry testing is conducted at 6740 Campobello Rd.

TEST SUMMARY

Bureau Veritas ID: ADGK14 **Collected:** 2024/09/17
Sample ID: BH201-24_0.3-0.5 **Shipped:**
Matrix: Soil **Received:** 2024/09/17

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Methylnaphthalene Sum	CALC	9652684	N/A	2024/09/24	Automated Statchk
Hot Water Extractable Boron	ICP	9655554	2024/09/23	2024/09/23	Medhat Nasr
1,3-Dichloropropene Sum	CALC	9652742	N/A	2024/09/24	Automated Statchk
Free (WAD) Cyanide	TECH	9657519	2024/09/24	2024/09/24	Prgya Panchal
Conductivity	AT	9657613	2024/09/24	2024/09/24	Gurparteek KAUR
Hexavalent Chromium in Soil by IC	IC/SPEC	9657698	2024/09/24	2024/09/24	Rupinder Sihota
Petroleum Hydrocarbons F2-F4 in Soil	GC/FID	9657367	2024/09/23	2024/09/24	Suleeqa Nurr
Acid Extractable Metals by ICPMS	ICP/MS	9655449	2024/09/23	2024/09/23	Daniel Teclu
Moisture	BAL	9654449	N/A	2024/09/21	Jeremy Apoon
OC Pesticides (Selected) & PCB	GC/ECD	9657506	2024/09/24	2024/09/26	Mahmudul Khan
OC Pesticides Summed Parameters	CALC	9652753	N/A	2024/09/23	Automated Statchk
PAH Compounds in Soil by GC/MS (SIM)	GC/MS	9657133	2024/09/23	2024/09/24	Mitesh Raj
pH CaCl2 EXTRACT	AT	9657902	2024/09/24	2024/09/24	Kien Tran
Sodium Adsorption Ratio (SAR)	CALC/MET	9652754	N/A	2024/09/24	Automated Statchk
Volatile Organic Compounds and F1 PHCs	GC/MSFD	9654170	N/A	2024/09/23	Blair Gannon

Bureau Veritas ID: ADGK14 Dup **Collected:** 2024/09/17
Sample ID: BH201-24_0.3-0.5 **Shipped:**
Matrix: Soil **Received:** 2024/09/17

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Acid Extractable Metals by ICPMS	ICP/MS	9655449	2024/09/23	2024/09/23	Daniel Teclu
PAH Compounds in Soil by GC/MS (SIM)	GC/MS	9657133	2024/09/23	2024/09/24	Mitesh Raj

Bureau Veritas ID: ADGK15 **Collected:** 2024/09/17
Sample ID: BH201-24_0.5-0.7 **Shipped:**
Matrix: Soil **Received:** 2024/09/17

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Moisture	BAL	9673624	N/A	2024/10/01	Joe Thomas
OC Pesticides (Selected) & PCB	GC/ECD	9681531	2024/10/04	2024/10/05	Li Peng
OC Pesticides Summed Parameters	CALC	9673199	N/A	2024/10/01	Automated Statchk

Bureau Veritas ID: ADGK16 **Collected:** 2024/09/17
Sample ID: BH202-24_0.5-0.7 **Shipped:**
Matrix: Soil **Received:** 2024/09/17

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Methylnaphthalene Sum	CALC	9652684	N/A	2024/09/24	Automated Statchk
Hot Water Extractable Boron	ICP	9655554	2024/09/23	2024/09/23	Medhat Nasr
1,3-Dichloropropene Sum	CALC	9652742	N/A	2024/09/24	Automated Statchk
Free (WAD) Cyanide	TECH	9657515	2024/09/24	2024/09/24	Prgya Panchal
Conductivity	AT	9657613	2024/09/24	2024/09/24	Gurparteek KAUR
Hexavalent Chromium in Soil by IC	IC/SPEC	9657676	2024/09/24	2024/09/24	Rupinder Sihota
Petroleum Hydrocarbons F2-F4 in Soil	GC/FID	9657367	2024/09/23	2024/09/24	Suleeqa Nurr

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Microbiology testing is conducted at 6660 Campobello Rd. Chemistry testing is conducted at 6740 Campobello Rd.

TEST SUMMARY

Bureau Veritas ID: ADGK16 **Collected:** 2024/09/17
Sample ID: BH202-24_0.5-0.7 **Shipped:**
Matrix: Soil **Received:** 2024/09/17

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Acid Extractable Metals by ICPMS	ICP/MS	9655449	2024/09/23	2024/09/23	Daniel Teclu
Moisture	BAL	9654585	N/A	2024/09/21	Muhammad Chhaidan
OC Pesticides (Selected) & PCB	GC/ECD	9657506	2024/09/24	2024/09/26	Mahmudul Khan
OC Pesticides Summed Parameters	CALC	9652753	N/A	2024/09/23	Automated Statchk
PAH Compounds in Soil by GC/MS (SIM)	GC/MS	9657133	2024/09/23	2024/09/24	Mitesh Raj
pH CaCl2 EXTRACT	AT	9658261	2024/09/24	2024/09/24	Gurparteek KAUR
Sodium Adsorption Ratio (SAR)	CALC/MET	9652754	N/A	2024/09/24	Automated Statchk
Volatile Organic Compounds and F1 PHCs	GC/MSFD	9654170	N/A	2024/09/23	Blair Gannon

Bureau Veritas ID: ADGK17 **Collected:** 2024/09/17
Sample ID: BH202-24_0.7-0.9 **Shipped:**
Matrix: Soil **Received:** 2024/09/17

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Moisture	BAL	9673624	N/A	2024/10/01	Joe Thomas
OC Pesticides (Selected) & PCB	GC/ECD	9681531	2024/10/04	2024/10/05	Li Peng
OC Pesticides Summed Parameters	CALC	9673199	N/A	2024/10/01	Automated Statchk

Bureau Veritas ID: ADGK18 **Collected:** 2024/09/16
Sample ID: BH203-24_0-0.3 **Shipped:**
Matrix: Soil **Received:** 2024/09/17

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Hot Water Extractable Boron	ICP	9655554	2024/09/23	2024/09/23	Medhat Nasr
Free (WAD) Cyanide	TECH	9655410	2024/09/23	2024/09/24	Prgya Panchal
Conductivity	AT	9657613	2024/09/24	2024/09/24	Gurparteek KAUR
Hexavalent Chromium in Soil by IC	IC/SPEC	9655091	2024/09/23	2024/09/24	Violeta Porcila
Acid Extractable Metals by ICPMS	ICP/MS	9655449	2024/09/23	2024/09/23	Daniel Teclu
Moisture	BAL	9654443	N/A	2024/09/21	Muhammad Chhaidan
OC Pesticides (Selected) & PCB	GC/ECD	9657506	2024/09/24	2024/09/26	Mahmudul Khan
OC Pesticides Summed Parameters	CALC	9651134	N/A	2024/09/23	Automated Statchk
pH CaCl2 EXTRACT	AT	9655594	2024/09/23	2024/09/23	Gurparteek KAUR
Sodium Adsorption Ratio (SAR)	CALC/MET	9652754	N/A	2024/09/24	Automated Statchk

Bureau Veritas ID: ADGK20 **Collected:** 2024/09/16
Sample ID: BH204-24_0.0-0.3 **Shipped:**
Matrix: Soil **Received:** 2024/09/17

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Hot Water Extractable Boron	ICP	9655554	2024/09/23	2024/09/23	Medhat Nasr
Free (WAD) Cyanide	TECH	9655410	2024/09/23	2024/09/24	Prgya Panchal
Conductivity	AT	9657613	2024/09/24	2024/09/24	Gurparteek KAUR
Hexavalent Chromium in Soil by IC	IC/SPEC	9655091	2024/09/23	2024/09/24	Violeta Porcila
Acid Extractable Metals by ICPMS	ICP/MS	9655813	2024/09/23	2024/09/23	Daniel Teclu
Moisture	BAL	9654449	N/A	2024/09/21	Jeremy Apoon

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Microbiology testing is conducted at 6660 Campobello Rd. Chemistry testing is conducted at 6740 Campobello Rd.

TEST SUMMARY

Bureau Veritas ID: ADGK20 **Collected:** 2024/09/16
Sample ID: BH204-24_0.0-0.3 **Shipped:**
Matrix: Soil **Received:** 2024/09/17

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
OC Pesticides (Selected) & PCB	GC/ECD	9657506	2024/09/24	2024/09/26	Mahmudul Khan
OC Pesticides Summed Parameters	CALC	9652753	N/A	2024/09/23	Automated Statchk
pH CaCl2 EXTRACT	AT	9655594	2024/09/23	2024/09/23	Gurparteek KAUR
Sodium Adsorption Ratio (SAR)	CALC/MET	9652754	N/A	2024/09/24	Automated Statchk

Bureau Veritas ID: ADGK22 **Collected:** 2024/09/16
Sample ID: BH205-24_0.5-0.7 **Shipped:**
Matrix: Soil **Received:** 2024/09/17

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Methylnaphthalene Sum	CALC	9652684	N/A	2024/09/24	Automated Statchk
Hot Water Extractable Boron	ICP	9655554	2024/09/23	2024/09/23	Medhat Nasr
1,3-Dichloropropene Sum	CALC	9652742	N/A	2024/09/24	Automated Statchk
Free (WAD) Cyanide	TECH	9657519	2024/09/24	2024/09/24	Prgya Panchal
Conductivity	AT	9657613	2024/09/24	2024/09/24	Gurparteek KAUR
Hexavalent Chromium in Soil by IC	IC/SPEC	9657698	2024/09/24	2024/09/24	Rupinder Sihota
Petroleum Hydrocarbons F2-F4 in Soil	GC/FID	9657367	2024/09/23	2024/09/24	Suleeqa Nurr
Acid Extractable Metals by ICPMS	ICP/MS	9655449	2024/09/23	2024/09/23	Daniel Teclu
Moisture	BAL	9654449	N/A	2024/09/21	Jeremy Apoon
OC Pesticides (Selected) & PCB	GC/ECD	9657506	2024/09/24	2024/09/26	Mahmudul Khan
OC Pesticides Summed Parameters	CALC	9651134	N/A	2024/09/23	Automated Statchk
PAH Compounds in Soil by GC/MS (SIM)	GC/MS	9657133	2024/09/23	2024/09/24	Mitesh Raj
pH CaCl2 EXTRACT	AT	9657902	2024/09/24	2024/09/24	Kien Tran
Sodium Adsorption Ratio (SAR)	CALC/MET	9652754	N/A	2024/09/24	Automated Statchk
Volatile Organic Compounds and F1 PHCs	GC/MSFD	9654170	N/A	2024/09/23	Blair Gannon

Bureau Veritas ID: ADGK22 Dup **Collected:** 2024/09/16
Sample ID: BH205-24_0.5-0.7 **Shipped:**
Matrix: Soil **Received:** 2024/09/17

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Petroleum Hydrocarbons F2-F4 in Soil	GC/FID	9657367	2024/09/23	2024/09/24	Suleeqa Nurr

Bureau Veritas ID: ADGK24 **Collected:** 2024/09/16
Sample ID: BH206-24_0.5-0.7 **Shipped:**
Matrix: Soil **Received:** 2024/09/17

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Methylnaphthalene Sum	CALC	9652684	N/A	2024/09/24	Automated Statchk
Hot Water Extractable Boron	ICP	9655554	2024/09/23	2024/09/23	Medhat Nasr
1,3-Dichloropropene Sum	CALC	9652522	N/A	2024/09/24	Automated Statchk
Free (WAD) Cyanide	TECH	9657515	2024/09/24	2024/09/24	Prgya Panchal
Conductivity	AT	9657613	2024/09/24	2024/09/24	Gurparteek KAUR
Hexavalent Chromium in Soil by IC	IC/SPEC	9657761	2024/09/24	2024/09/24	Sousan Besharatlou
Petroleum Hydrocarbons F2-F4 in Soil	GC/FID	9657367	2024/09/23	2024/09/24	Suleeqa Nurr

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Microbiology testing is conducted at 6660 Campobello Rd. Chemistry testing is conducted at 6740 Campobello Rd.

TEST SUMMARY

Bureau Veritas ID: ADGK24 **Collected:** 2024/09/16
Sample ID: BH206-24_0.5-0.7 **Shipped:**
Matrix: Soil **Received:** 2024/09/17

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Acid Extractable Metals by ICPMS	ICP/MS	9655449	2024/09/23	2024/09/23	Daniel Teclu
Moisture	BAL	9654585	N/A	2024/09/21	Muhammad Chhaidan
OC Pesticides (Selected) & PCB	GC/ECD	9657506	2024/09/24	2024/09/26	Mahmudul Khan
OC Pesticides Summed Parameters	CALC	9651134	N/A	2024/09/23	Automated Statchk
PAH Compounds in Soil by GC/MS (SIM)	GC/MS	9657133	2024/09/23	2024/09/24	Mitesh Raj
pH CaCl2 EXTRACT	AT	9658261	2024/09/24	2024/09/24	Gurparteek KAUR
Sodium Adsorption Ratio (SAR)	CALC/MET	9652754	N/A	2024/09/24	Automated Statchk
Volatile Organic Compounds and F1 PHCs	GC/MSFD	9654170	N/A	2024/09/23	Blair Gannon

Bureau Veritas ID: ADGK26 **Collected:** 2024/09/17
Sample ID: BH207-24_0.3-0.5 **Shipped:**
Matrix: Soil **Received:** 2024/09/17

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Methylnaphthalene Sum	CALC	9652684	N/A	2024/09/24	Automated Statchk
Hot Water Extractable Boron	ICP	9655554	2024/09/23	2024/09/23	Medhat Nasr
1,3-Dichloropropene Sum	CALC	9652522	N/A	2024/09/24	Automated Statchk
Free (WAD) Cyanide	TECH	9657515	2024/09/24	2024/09/24	Prgya Panchal
Conductivity	AT	9657613	2024/09/24	2024/09/24	Gurparteek KAUR
Hexavalent Chromium in Soil by IC	IC/SPEC	9657676	2024/09/24	2024/09/24	Rupinder Sihota
Petroleum Hydrocarbons F2-F4 in Soil	GC/FID	9657367	2024/09/23	2024/09/24	Suleeqa Nurr
Acid Extractable Metals by ICPMS	ICP/MS	9655449	2024/09/23	2024/09/23	Daniel Teclu
Moisture	BAL	9654585	N/A	2024/09/21	Muhammad Chhaidan
OC Pesticides (Selected) & PCB	GC/ECD	9657506	2024/09/24	2024/09/26	Mahmudul Khan
OC Pesticides Summed Parameters	CALC	9651134	N/A	2024/09/23	Automated Statchk
PAH Compounds in Soil by GC/MS (SIM)	GC/MS	9657133	2024/09/23	2024/09/24	Mitesh Raj
pH CaCl2 EXTRACT	AT	9658261	2024/09/24	2024/09/24	Gurparteek KAUR
Sodium Adsorption Ratio (SAR)	CALC/MET	9652754	N/A	2024/09/24	Automated Statchk
Volatile Organic Compounds and F1 PHCs	GC/MSFD	9654170	N/A	2024/09/23	Blair Gannon

Bureau Veritas ID: ADGK28 **Collected:** 2024/09/17
Sample ID: BH208-24_0.3-0.5 **Shipped:**
Matrix: Soil **Received:** 2024/09/17

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Methylnaphthalene Sum	CALC	9652684	N/A	2024/09/24	Automated Statchk
Hot Water Extractable Boron	ICP	9655554	2024/09/23	2024/09/23	Medhat Nasr
1,3-Dichloropropene Sum	CALC	9652522	N/A	2024/09/24	Automated Statchk
Free (WAD) Cyanide	TECH	9657515	2024/09/24	2024/09/24	Prgya Panchal
Conductivity	AT	9657613	2024/09/24	2024/09/24	Gurparteek KAUR
Hexavalent Chromium in Soil by IC	IC/SPEC	9657676	2024/09/24	2024/09/24	Rupinder Sihota
Petroleum Hydrocarbons F2-F4 in Soil	GC/FID	9657367	2024/09/23	2024/09/24	Suleeqa Nurr
Acid Extractable Metals by ICPMS	ICP/MS	9655449	2024/09/23	2024/09/23	Daniel Teclu
Moisture	BAL	9654585	N/A	2024/09/21	Muhammad Chhaidan
OC Pesticides (Selected) & PCB	GC/ECD	9657506	2024/09/24	2024/09/26	Mahmudul Khan

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Microbiology testing is conducted at 6660 Campobello Rd. Chemistry testing is conducted at 6740 Campobello Rd.

TEST SUMMARY

Bureau Veritas ID: ADGK28 **Collected:** 2024/09/17
Sample ID: BH208-24_0.3-0.5 **Shipped:**
Matrix: Soil **Received:** 2024/09/17

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
OC Pesticides Summed Parameters	CALC	9651134	N/A	2024/09/23	Automated Statchk
PAH Compounds in Soil by GC/MS (SIM)	GC/MS	9657133	2024/09/23	2024/09/24	Mitesh Raj
pH CaCl2 EXTRACT	AT	9658261	2024/09/24	2024/09/24	Gurparteek KAUR
Sodium Adsorption Ratio (SAR)	CALC/MET	9652754	N/A	2024/09/24	Automated Statchk
Volatile Organic Compounds and F1 PHCs	GC/MSFD	9654170	N/A	2024/09/23	Blair Gannon

Bureau Veritas ID: ADGK30 **Collected:** 2024/09/17
Sample ID: BH209-24_0.3-0.5 **Shipped:**
Matrix: Soil **Received:** 2024/09/17

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Methylnaphthalene Sum	CALC	9652684	N/A	2024/09/24	Automated Statchk
Hot Water Extractable Boron	ICP	9655554	2024/09/23	2024/09/23	Medhat Nasr
1,3-Dichloropropene Sum	CALC	9652522	N/A	2024/09/24	Automated Statchk
Free (WAD) Cyanide	TECH	9657519	2024/09/24	2024/09/24	Prgya Panchal
Conductivity	AT	9655759	2024/09/23	2024/09/23	Gurparteek KAUR
Hexavalent Chromium in Soil by IC	IC/SPEC	9657698	2024/09/24	2024/09/24	Rupinder Sihota
Petroleum Hydrocarbons F2-F4 in Soil	GC/FID	9657367	2024/09/23	2024/09/24	Suleeqa Nurr
Acid Extractable Metals by ICPMS	ICP/MS	9655449	2024/09/23	2024/09/23	Daniel Teclu
Moisture	BAL	9654449	N/A	2024/09/21	Jeremy Apoon
OC Pesticides (Selected) & PCB	GC/ECD	9657506	2024/09/24	2024/09/26	Mahmudul Khan
OC Pesticides Summed Parameters	CALC	9651134	N/A	2024/09/23	Automated Statchk
PAH Compounds in Soil by GC/MS (SIM)	GC/MS	9657133	2024/09/23	2024/09/24	Mitesh Raj
pH CaCl2 EXTRACT	AT	9657902	2024/09/24	2024/09/24	Kien Tran
Sodium Adsorption Ratio (SAR)	CALC/MET	9652754	N/A	2024/09/24	Automated Statchk
Volatile Organic Compounds and F1 PHCs	GC/MSFD	9654170	N/A	2024/09/23	Blair Gannon

Bureau Veritas ID: ADGK32 **Collected:** 2024/09/17
Sample ID: BH210-24_0.3-0.5 **Shipped:**
Matrix: Soil **Received:** 2024/09/17

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Methylnaphthalene Sum	CALC	9652684	N/A	2024/09/24	Automated Statchk
Hot Water Extractable Boron	ICP	9655554	2024/09/23	2024/09/23	Medhat Nasr
1,3-Dichloropropene Sum	CALC	9652742	N/A	2024/09/24	Automated Statchk
Free (WAD) Cyanide	TECH	9657519	2024/09/24	2024/09/24	Prgya Panchal
Conductivity	AT	9657613	2024/09/24	2024/09/24	Gurparteek KAUR
Hexavalent Chromium in Soil by IC	IC/SPEC	9657698	2024/09/24	2024/09/24	Rupinder Sihota
Petroleum Hydrocarbons F2-F4 in Soil	GC/FID	9657367	2024/09/23	2024/09/24	Suleeqa Nurr
Acid Extractable Metals by ICPMS	ICP/MS	9655449	2024/09/23	2024/09/23	Daniel Teclu
Moisture	BAL	9654449	N/A	2024/09/21	Jeremy Apoon
OC Pesticides (Selected) & PCB	GC/ECD	9657506	2024/09/24	2024/09/26	Mahmudul Khan
OC Pesticides Summed Parameters	CALC	9651134	N/A	2024/09/23	Automated Statchk
PAH Compounds in Soil by GC/MS (SIM)	GC/MS	9657133	2024/09/23	2024/09/24	Mitesh Raj
pH CaCl2 EXTRACT	AT	9657902	2024/09/24	2024/09/24	Kien Tran

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Microbiology testing is conducted at 6660 Campobello Rd. Chemistry testing is conducted at 6740 Campobello Rd.

TEST SUMMARY

Bureau Veritas ID: ADGK32 **Collected:** 2024/09/17
Sample ID: BH210-24_0.3-0.5 **Shipped:**
Matrix: Soil **Received:** 2024/09/17

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Sodium Adsorption Ratio (SAR)	CALC/MET	9652754	N/A	2024/09/24	Automated Statchk
Volatile Organic Compounds and F1 PHCs	GC/MSFD	9654170	N/A	2024/09/23	Blair Gannon

Bureau Veritas ID: ADGK34 **Collected:** 2024/09/17
Sample ID: BH211-24_0.3-0.5 **Shipped:**
Matrix: Soil **Received:** 2024/09/17

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Methylnaphthalene Sum	CALC	9652684	N/A	2024/09/24	Automated Statchk
Hot Water Extractable Boron	ICP	9655554	2024/09/23	2024/09/23	Medhat Nasr
1,3-Dichloropropene Sum	CALC	9652522	N/A	2024/09/24	Automated Statchk
Free (WAD) Cyanide	TECH	9657515	2024/09/24	2024/09/24	Prgya Panchal
Conductivity	AT	9657613	2024/09/24	2024/09/24	Gurparteek KAUR
Hexavalent Chromium in Soil by IC	IC/SPEC	9657698	2024/09/24	2024/09/24	Rupinder Sihota
Petroleum Hydrocarbons F2-F4 in Soil	GC/FID	9657367	2024/09/23	2024/09/24	Suleeqa Nurr
Acid Extractable Metals by ICPMS	ICP/MS	9655449	2024/09/23	2024/09/23	Daniel Teclu
Moisture	BAL	9654585	N/A	2024/09/21	Muhammad Chhaidan
OC Pesticides (Selected) & PCB	GC/ECD	9657506	2024/09/24	2024/09/26	Mahmudul Khan
OC Pesticides Summed Parameters	CALC	9651134	N/A	2024/09/23	Automated Statchk
PAH Compounds in Soil by GC/MS (SIM)	GC/MS	9657133	2024/09/23	2024/09/24	Mitesh Raj
pH CaCl2 EXTRACT	AT	9658261	2024/09/24	2024/09/24	Gurparteek KAUR
Sodium Adsorption Ratio (SAR)	CALC/MET	9652754	N/A	2024/09/24	Automated Statchk
Volatile Organic Compounds and F1 PHCs	GC/MSFD	9654170	N/A	2024/09/23	Blair Gannon

Bureau Veritas ID: ADGK34 Dup **Collected:** 2024/09/17
Sample ID: BH211-24_0.3-0.5 **Shipped:**
Matrix: Soil **Received:** 2024/09/17

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Moisture	BAL	9654585	N/A	2024/09/21	Muhammad Chhaidan

Bureau Veritas ID: ADGK36 **Collected:** 2024/09/17
Sample ID: BH212-24_0-0.3 **Shipped:**
Matrix: Soil **Received:** 2024/09/17

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Hot Water Extractable Boron	ICP	9655554	2024/09/23	2024/09/23	Medhat Nasr
Free (WAD) Cyanide	TECH	9655410	2024/09/23	2024/09/24	Prgya Panchal
Conductivity	AT	9657613	2024/09/24	2024/09/24	Gurparteek KAUR
Hexavalent Chromium in Soil by IC	IC/SPEC	9655091	2024/09/23	2024/09/24	Violeta Porcila
Acid Extractable Metals by ICPMS	ICP/MS	9655449	2024/09/23	2024/09/23	Daniel Teclu
Moisture	BAL	9654443	N/A	2024/09/21	Muhammad Chhaidan
OC Pesticides (Selected) & PCB	GC/ECD	9655074	2024/09/23	2024/09/24	Akruti Patel
OC Pesticides Summed Parameters	CALC	9651134	N/A	2024/09/23	Automated Statchk
pH CaCl2 EXTRACT	AT	9655594	2024/09/23	2024/09/23	Gurparteek KAUR

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Microbiology testing is conducted at 6660 Campobello Rd. Chemistry testing is conducted at 6740 Campobello Rd.

TEST SUMMARY

Bureau Veritas ID: ADGK36 **Collected:** 2024/09/17
Sample ID: BH212-24_0-0.3 **Shipped:**
Matrix: Soil **Received:** 2024/09/17

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Sodium Adsorption Ratio (SAR)	CALC/MET	9652754	N/A	2024/09/24	Automated Statchk

Bureau Veritas ID: ADGK38 **Collected:** 2024/09/17
Sample ID: BH213-24_0-0.3 **Shipped:**
Matrix: Soil **Received:** 2024/09/17

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Hot Water Extractable Boron	ICP	9655554	2024/09/23	2024/09/23	Medhat Nasr
Free (WAD) Cyanide	TECH	9655410	2024/09/23	2024/09/24	Prgya Panchal
Conductivity	AT	9657613	2024/09/24	2024/09/24	Gurparteek KAUR
Hexavalent Chromium in Soil by IC	IC/SPEC	9655091	2024/09/23	2024/09/24	Violeta Porcila
Acid Extractable Metals by ICPMS	ICP/MS	9655449	2024/09/23	2024/09/23	Daniel Teclu
Moisture	BAL	9654449	N/A	2024/09/21	Jeremy Apoon
OC Pesticides (Selected) & PCB	GC/ECD	9657506	2024/09/24	2024/09/26	Mahmudul Khan
OC Pesticides Summed Parameters	CALC	9651134	N/A	2024/09/23	Automated Statchk
pH CaCl2 EXTRACT	AT	9655594	2024/09/23	2024/09/23	Gurparteek KAUR
Sodium Adsorption Ratio (SAR)	CALC/MET	9652754	N/A	2024/09/24	Automated Statchk

Bureau Veritas ID: ADGK40 **Collected:** 2024/09/17
Sample ID: BH214-24_0-0.3 **Shipped:**
Matrix: Soil **Received:** 2024/09/17

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Hot Water Extractable Boron	ICP	9655564	2024/09/23	2024/09/24	Medhat Nasr
Free (WAD) Cyanide	TECH	9655410	2024/09/23	2024/09/25	Prgya Panchal
Conductivity	AT	9657613	2024/09/24	2024/09/24	Gurparteek KAUR
Hexavalent Chromium in Soil by IC	IC/SPEC	9655091	2024/09/23	2024/09/24	Violeta Porcila
Acid Extractable Metals by ICPMS	ICP/MS	9655449	2024/09/23	2024/09/23	Daniel Teclu
Moisture	BAL	9654449	N/A	2024/09/21	Jeremy Apoon
OC Pesticides (Selected) & PCB	GC/ECD	9657506	2024/09/24	2024/09/26	Mahmudul Khan
OC Pesticides Summed Parameters	CALC	9651134	N/A	2024/09/23	Automated Statchk
pH CaCl2 EXTRACT	AT	9655594	2024/09/23	2024/09/23	Gurparteek KAUR
Sodium Adsorption Ratio (SAR)	CALC/MET	9652754	N/A	2024/09/24	Automated Statchk

Bureau Veritas ID: ADGK42 **Collected:** 2024/09/17
Sample ID: BH215-24_0-0.3 **Shipped:**
Matrix: Soil **Received:** 2024/09/17

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Hot Water Extractable Boron	ICP	9655554	2024/09/23	2024/09/23	Medhat Nasr
Free (WAD) Cyanide	TECH	9655410	2024/09/23	2024/09/24	Prgya Panchal
Conductivity	AT	9657613	2024/09/24	2024/09/24	Gurparteek KAUR
Hexavalent Chromium in Soil by IC	IC/SPEC	9655091	2024/09/23	2024/09/24	Violeta Porcila
Acid Extractable Metals by ICPMS	ICP/MS	9655449	2024/09/23	2024/09/23	Daniel Teclu
Moisture	BAL	9654449	N/A	2024/09/21	Jeremy Apoon

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Microbiology testing is conducted at 6660 Campobello Rd. Chemistry testing is conducted at 6740 Campobello Rd.

TEST SUMMARY

Bureau Veritas ID: ADGK42
Sample ID: BH215-24_0-0.3
Matrix: Soil

Collected: 2024/09/17
Shipped:
Received: 2024/09/17

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
OC Pesticides (Selected) & PCB	GC/ECD	9657506	2024/09/24	2024/09/26	Mahmudul Khan
OC Pesticides Summed Parameters	CALC	9651134	N/A	2024/09/23	Automated Statchk
pH CaCl2 EXTRACT	AT	9655594	2024/09/23	2024/09/23	Gurparteek KAUR
Sodium Adsorption Ratio (SAR)	CALC/MET	9652754	N/A	2024/09/24	Automated Statchk

Bureau Veritas ID: ADGK42 Dup
Sample ID: BH215-24_0-0.3
Matrix: Soil

Collected: 2024/09/17
Shipped:
Received: 2024/09/17

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Free (WAD) Cyanide	TECH	9655410	2024/09/23	2024/09/24	Prgya Panchal
Conductivity	AT	9657613	2024/09/24	2024/09/24	Gurparteek KAUR
Hexavalent Chromium in Soil by IC	IC/SPEC	9655091	2024/09/23	2024/09/24	Violeta Porcila
pH CaCl2 EXTRACT	AT	9655594	2024/09/23	2024/09/23	Gurparteek KAUR

Bureau Veritas ID: ADGK44
Sample ID: BH216-24_0.3-0.5
Matrix: Soil

Collected: 2024/09/16
Shipped:
Received: 2024/09/17

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Methylnaphthalene Sum	CALC	9652684	N/A	2024/09/24	Automated Statchk
Hot Water Extractable Boron	ICP	9655554	2024/09/23	2024/09/23	Medhat Nasr
1,3-Dichloropropene Sum	CALC	9652522	N/A	2024/09/24	Automated Statchk
Free (WAD) Cyanide	TECH	9657515	2024/09/24	2024/09/24	Prgya Panchal
Conductivity	AT	9657613	2024/09/24	2024/09/24	Gurparteek KAUR
Hexavalent Chromium in Soil by IC	IC/SPEC	9657698	2024/09/24	2024/09/24	Rupinder Sihota
Petroleum Hydrocarbons F2-F4 in Soil	GC/FID	9657367	2024/09/23	2024/09/24	Suleeqa Nurr
Acid Extractable Metals by ICPMS	ICP/MS	9655449	2024/09/23	2024/09/23	Daniel Teclu
Moisture	BAL	9654585	N/A	2024/09/21	Muhammad Chhaidan
OC Pesticides (Selected) & PCB	GC/ECD	9657506	2024/09/24	2024/09/26	Mahmudul Khan
OC Pesticides Summed Parameters	CALC	9651134	N/A	2024/09/23	Automated Statchk
PAH Compounds in Soil by GC/MS (SIM)	GC/MS	9657133	2024/09/23	2024/09/24	Mitesh Raj
pH CaCl2 EXTRACT	AT	9658261	2024/09/24	2024/09/24	Gurparteek KAUR
Sodium Adsorption Ratio (SAR)	CALC/MET	9652754	N/A	2024/09/24	Automated Statchk
Volatile Organic Compounds and F1 PHCs	GC/MSFD	9654170	N/A	2024/09/23	Blair Gannon

Bureau Veritas ID: ADGK46
Sample ID: BH217-24_0.3-0.5
Matrix: Soil

Collected: 2024/09/17
Shipped:
Received: 2024/09/17

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Methylnaphthalene Sum	CALC	9652684	N/A	2024/09/24	Automated Statchk
Hot Water Extractable Boron	ICP	9655554	2024/09/23	2024/09/23	Medhat Nasr
1,3-Dichloropropene Sum	CALC	9652522	N/A	2024/09/24	Automated Statchk
Free (WAD) Cyanide	TECH	9657519	2024/09/24	2024/09/24	Prgya Panchal

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Microbiology testing is conducted at 6660 Campobello Rd. Chemistry testing is conducted at 6740 Campobello Rd.

TEST SUMMARY

Bureau Veritas ID: ADGK46
Sample ID: BH217-24_0.3-0.5
Matrix: Soil

Collected: 2024/09/17
Shipped:
Received: 2024/09/17

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Conductivity	AT	9657613	2024/09/24	2024/09/24	Gurparteek KAUR
Hexavalent Chromium in Soil by IC	IC/SPEC	9657698	2024/09/24	2024/09/24	Rupinder Sihota
Petroleum Hydrocarbons F2-F4 in Soil	GC/FID	9657367	2024/09/23	2024/09/24	Suleeqa Nurr
Acid Extractable Metals by ICPMS	ICP/MS	9655449	2024/09/23	2024/09/23	Daniel Teclu
Moisture	BAL	9654449	N/A	2024/09/21	Jeremy Apoon
OC Pesticides (Selected) & PCB	GC/ECD	9657506	2024/09/24	2024/09/26	Mahmudul Khan
OC Pesticides Summed Parameters	CALC	9651134	N/A	2024/09/23	Automated Statchk
PAH Compounds in Soil by GC/MS (SIM)	GC/MS	9657133	2024/09/23	2024/09/24	Mitesh Raj
pH CaCl2 EXTRACT	AT	9657902	2024/09/24	2024/09/24	Kien Tran
Sodium Adsorption Ratio (SAR)	CALC/MET	9652754	N/A	2024/09/24	Automated Statchk
Volatile Organic Compounds and F1 PHCs	GC/MSFD	9654170	N/A	2024/09/23	Blair Gannon

Bureau Veritas ID: ADGK48
Sample ID: BH218-24_0.3-0.5
Matrix: Soil

Collected: 2024/09/16
Shipped:
Received: 2024/09/17

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Methylnaphthalene Sum	CALC	9652684	N/A	2024/09/24	Automated Statchk
Hot Water Extractable Boron	ICP	9655554	2024/09/23	2024/09/23	Medhat Nasr
1,3-Dichloropropene Sum	CALC	9652522	N/A	2024/09/24	Automated Statchk
Free (WAD) Cyanide	TECH	9657515	2024/09/24	2024/09/24	Prgya Panchal
Conductivity	AT	9657613	2024/09/24	2024/09/24	Gurparteek KAUR
Hexavalent Chromium in Soil by IC	IC/SPEC	9657698	2024/09/24	2024/09/24	Rupinder Sihota
Petroleum Hydrocarbons F2-F4 in Soil	GC/FID	9657367	2024/09/23	2024/09/24	Suleeqa Nurr
Acid Extractable Metals by ICPMS	ICP/MS	9655449	2024/09/23	2024/09/23	Daniel Teclu
Moisture	BAL	9654585	N/A	2024/09/21	Muhammad Chhaidan
OC Pesticides (Selected) & PCB	GC/ECD	9657506	2024/09/24	2024/09/26	Mahmudul Khan
OC Pesticides Summed Parameters	CALC	9651134	N/A	2024/09/23	Automated Statchk
PAH Compounds in Soil by GC/MS (SIM)	GC/MS	9657133	2024/09/23	2024/09/24	Mitesh Raj
pH CaCl2 EXTRACT	AT	9658261	2024/09/24	2024/09/24	Gurparteek KAUR
Sodium Adsorption Ratio (SAR)	CALC/MET	9652754	N/A	2024/09/24	Automated Statchk
Volatile Organic Compounds and F1 PHCs	GC/MSFD	9654170	N/A	2024/09/23	Blair Gannon

Bureau Veritas ID: ADGK48 Dup
Sample ID: BH218-24_0.3-0.5
Matrix: Soil

Collected: 2024/09/16
Shipped:
Received: 2024/09/17

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Hot Water Extractable Boron	ICP	9655554	2024/09/23	2024/09/23	Medhat Nasr
OC Pesticides (Selected) & PCB	GC/ECD	9657506	2024/09/24	2024/09/26	Mahmudul Khan

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Microbiology testing is conducted at 6660 Campobello Rd. Chemistry testing is conducted at 6740 Campobello Rd.

TEST SUMMARY

Bureau Veritas ID: ADGK50
Sample ID: QA/QC1
Matrix: Soil

Collected: 2024/09/16
Shipped:
Received: 2024/09/17

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Methylnaphthalene Sum	CALC	9652684	N/A	2024/09/24	Automated Statchk
Hot Water Extractable Boron	ICP	9655554	2024/09/23	2024/09/23	Medhat Nasr
1,3-Dichloropropene Sum	CALC	9652522	N/A	2024/09/24	Automated Statchk
Free (WAD) Cyanide	TECH	9657519	2024/09/24	2024/09/24	Prgya Panchal
Conductivity	AT	9657613	2024/09/24	2024/09/24	Gurparteek KAUR
Hexavalent Chromium in Soil by IC	IC/SPEC	9657698	2024/09/24	2024/09/24	Rupinder Sihota
Petroleum Hydrocarbons F2-F4 in Soil	GC/FID	9657367	2024/09/23	2024/09/24	Suleeqa Nurr
Acid Extractable Metals by ICPMS	ICP/MS	9655449	2024/09/23	2024/09/23	Daniel Teclu
Moisture	BAL	9654449	N/A	2024/09/21	Jeremy Apoon
OC Pesticides (Selected) & PCB	GC/ECD	9657506	2024/09/24	2024/09/26	Mahmudul Khan
OC Pesticides Summed Parameters	CALC	9651134	N/A	2024/09/23	Automated Statchk
PAH Compounds in Soil by GC/MS (SIM)	GC/MS	9657133	2024/09/23	2024/09/24	Mitesh Raj
pH CaCl2 EXTRACT	AT	9657902	2024/09/24	2024/09/24	Kien Tran
Sodium Adsorption Ratio (SAR)	CALC/MET	9652754	N/A	2024/09/24	Automated Statchk
Volatile Organic Compounds and F1 PHCs	GC/MSFD	9654170	N/A	2024/09/23	Blair Gannon

Bureau Veritas ID: ADGK50 Dup
Sample ID: QA/QC1
Matrix: Soil

Collected: 2024/09/16
Shipped:
Received: 2024/09/17

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Volatile Organic Compounds and F1 PHCs	GC/MSFD	9654170	N/A	2024/09/23	Blair Gannon

Bureau Veritas ID: ADGK52
Sample ID: QA/QC2
Matrix: Soil

Collected: 2024/09/17
Shipped:
Received: 2024/09/17

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Hot Water Extractable Boron	ICP	9655554	2024/09/23	2024/09/23	Medhat Nasr
Free (WAD) Cyanide	TECH	9655410	2024/09/23	2024/09/24	Prgya Panchal
Conductivity	AT	9657613	2024/09/24	2024/09/24	Gurparteek KAUR
Hexavalent Chromium in Soil by IC	IC/SPEC	9655091	2024/09/23	2024/09/24	Violeta Porcila
Acid Extractable Metals by ICPMS	ICP/MS	9655449	2024/09/23	2024/09/23	Daniel Teclu
Moisture	BAL	9654449	N/A	2024/09/21	Jeremy Apoon
OC Pesticides (Selected) & PCB	GC/ECD	9657506	2024/09/24	2024/09/26	Mahmudul Khan
OC Pesticides Summed Parameters	CALC	9651134	N/A	2024/09/23	Automated Statchk
pH CaCl2 EXTRACT	AT	9655594	2024/09/23	2024/09/23	Gurparteek KAUR
Sodium Adsorption Ratio (SAR)	CALC/MET	9652555	N/A	2024/09/24	Automated Statchk

Bureau Veritas ID: ADGK53
Sample ID: QA/QC3
Matrix: Soil

Collected: 2024/09/17
Shipped:
Received: 2024/09/17

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Methylnaphthalene Sum	CALC	9652684	N/A	2024/09/24	Automated Statchk

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Microbiology testing is conducted at 6660 Campobello Rd. Chemistry testing is conducted at 6740 Campobello Rd.

Bureau Veritas Job #: C4T2597
Report Date: 2024/10/10

Cambium Environmental Inc
Client Project #: 21199-001
Sampler Initials: RG

TEST SUMMARY

Bureau Veritas ID: ADGK53
Sample ID: QA/QC3
Matrix: Soil

Collected: 2024/09/17
Shipped:
Received: 2024/09/17

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Hot Water Extractable Boron	ICP	9655554	2024/09/23	2024/09/23	Medhat Nasr
1,3-Dichloropropene Sum	CALC	9652522	N/A	2024/09/24	Automated Statchk
Free (WAD) Cyanide	TECH	9657515	2024/09/24	2024/09/24	Prgya Panchal
Conductivity	AT	9657613	2024/09/24	2024/09/24	Gurparteek KAUR
Hexavalent Chromium in Soil by IC	IC/SPEC	9657676	2024/09/24	2024/09/24	Rupinder Sihota
Petroleum Hydrocarbons F2-F4 in Soil	GC/FID	9657367	2024/09/23	2024/09/24	Suleeqa Nurr
Acid Extractable Metals by ICPMS	ICP/MS	9655449	2024/09/23	2024/09/23	Daniel Teclu
Moisture	BAL	9654585	N/A	2024/09/21	Muhammad Chhaidan
OC Pesticides (Selected) & PCB	GC/ECD	9657506	2024/09/24	2024/09/26	Mahmudul Khan
OC Pesticides Summed Parameters	CALC	9651134	N/A	2024/09/23	Automated Statchk
PAH Compounds in Soil by GC/MS (SIM)	GC/MS	9657133	2024/09/23	2024/09/24	Mitesh Raj
pH CaCl2 EXTRACT	AT	9658261	2024/09/24	2024/09/24	Gurparteek KAUR
Sodium Adsorption Ratio (SAR)	CALC/MET	9652555	N/A	2024/09/24	Automated Statchk
Volatile Organic Compounds and F1 PHCs	GC/MSFD	9654170	N/A	2024/09/23	Blair Gannon

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Microbiology testing is conducted at 6660 Campobello Rd. Chemistry testing is conducted at 6740 Campobello Rd.

GENERAL COMMENTS

Each temperature is the average of up to three cooler temperatures taken at receipt

Package 1	9.3°C
Package 2	5.3°C
Package 3	4.0°C

OC Pesticide Analysis: Due to the sample matrix, sample required dilution. Detection limits were adjusted accordingly.

Sample ADGK14 [BH201-24_0.3-0.5] : OC Pesticide Analysis: Due to high concentrations of the target analytes, sample required dilution. Detection limits were adjusted accordingly.

Sample ADGK16 [BH202-24_0.5-0.7] : OC Pesticide Analysis: Due to high concentrations of the target analytes, sample required dilution. Detection limits were adjusted accordingly.

Results relate only to the items tested.

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Microbiology testing is conducted at 6660 Campobello Rd. Chemistry testing is conducted at 6740 Campobello Rd.

QUALITY ASSURANCE REPORT

			Matrix Spike		SPIKED BLANK		Method Blank		RPD	
QC Batch	Parameter	Date	% Recovery	QC Limits	% Recovery	QC Limits	Value	UNITS	Value (%)	QC Limits
9654170	4-Bromofluorobenzene	2024/09/23	105	60 - 140	105	60 - 140	106	%		
9654170	D10-o-Xylene	2024/09/23	106	60 - 130	102	60 - 130	100	%		
9654170	D4-1,2-Dichloroethane	2024/09/23	102	60 - 140	100	60 - 140	97	%		
9654170	D8-Toluene	2024/09/23	97	60 - 140	97	60 - 140	97	%		
9655074	2,4,5,6-Tetrachloro-m-xylene	2024/09/24	99	50 - 130	80	50 - 130	93	%		
9655074	Decachlorobiphenyl	2024/09/24	108	50 - 130	92	50 - 130	108	%		
9657133	D10-Anthracene	2024/09/24	95	50 - 130	104	50 - 130	99	%		
9657133	D14-Terphenyl (FS)	2024/09/24	82	50 - 130	86	50 - 130	85	%		
9657133	D8-Acenaphthylene	2024/09/24	96	50 - 130	109	50 - 130	103	%		
9657367	o-Terphenyl	2024/09/24	95	60 - 140	95	60 - 140	96	%		
9657506	2,4,5,6-Tetrachloro-m-xylene	2024/09/26	108	50 - 130	100	50 - 130	121	%		
9657506	Decachlorobiphenyl	2024/09/26	76	50 - 130	75	50 - 130	108	%		
9681531	2,4,5,6-Tetrachloro-m-xylene	2024/10/05	55	50 - 130	69	50 - 130	44 (5)	%		
9681531	Decachlorobiphenyl	2024/10/05	91	50 - 130	97	50 - 130	94	%		
9654170	1,1,1,2-Tetrachloroethane	2024/09/23	108	60 - 140	108	60 - 130	<0.040	ug/g	NC	50
9654170	1,1,1-Trichloroethane	2024/09/23	99	60 - 140	98	60 - 130	<0.040	ug/g	NC	50
9654170	1,1,2,2-Tetrachloroethane	2024/09/23	95	60 - 140	95	60 - 130	<0.040	ug/g	NC	50
9654170	1,1,2-Trichloroethane	2024/09/23	99	60 - 140	96	60 - 130	<0.040	ug/g	NC	50
9654170	1,1-Dichloroethane	2024/09/23	91	60 - 140	90	60 - 130	<0.040	ug/g	NC	50
9654170	1,1-Dichloroethylene	2024/09/23	95	60 - 140	94	60 - 130	<0.040	ug/g	NC	50
9654170	1,2-Dichlorobenzene	2024/09/23	98	60 - 140	100	60 - 130	<0.040	ug/g	NC	50
9654170	1,2-Dichloroethane	2024/09/23	103	60 - 140	101	60 - 130	<0.049	ug/g	NC	50
9654170	1,2-Dichloropropane	2024/09/23	98	60 - 140	95	60 - 130	<0.040	ug/g	NC	50
9654170	1,3-Dichlorobenzene	2024/09/23	101	60 - 140	101	60 - 130	<0.040	ug/g	NC	50
9654170	1,4-Dichlorobenzene	2024/09/23	101	60 - 140	102	60 - 130	<0.040	ug/g	NC	50
9654170	Acetone (2-Propanone)	2024/09/23	99	60 - 140	97	60 - 140	<0.49	ug/g	NC	50
9654170	Benzene	2024/09/23	99	60 - 140	98	60 - 130	<0.0060	ug/g	NC	50
9654170	Bromodichloromethane	2024/09/23	99	60 - 140	96	60 - 130	<0.040	ug/g	NC	50
9654170	Bromoform	2024/09/23	105	60 - 140	106	60 - 130	<0.040	ug/g	NC	50
9654170	Bromomethane	2024/09/23	83	60 - 140	81	60 - 140	<0.040	ug/g	NC	50
9654170	Carbon Tetrachloride	2024/09/23	107	60 - 140	106	60 - 130	<0.040	ug/g	NC	50

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QUALITY ASSURANCE REPORT(CONT'D)

			Matrix Spike		SPIKED BLANK		Method Blank		RPD	
QC Batch	Parameter	Date	% Recovery	QC Limits	% Recovery	QC Limits	Value	UNITS	Value (%)	QC Limits
9654170	Chlorobenzene	2024/09/23	92	60 - 140	92	60 - 130	<0.040	ug/g	NC	50
9654170	Chloroform	2024/09/23	101	60 - 140	99	60 - 130	<0.040	ug/g	NC	50
9654170	cis-1,2-Dichloroethylene	2024/09/23	105	60 - 140	103	60 - 130	<0.040	ug/g	NC	50
9654170	cis-1,3-Dichloropropene	2024/09/23	94	60 - 140	92	60 - 130	<0.030	ug/g	NC	50
9654170	Dibromochloromethane	2024/09/23	107	60 - 140	106	60 - 130	<0.040	ug/g	NC	50
9654170	Dichlorodifluoromethane (FREON 12)	2024/09/23	77	60 - 140	77	60 - 140	<0.040	ug/g	NC	50
9654170	Ethylbenzene	2024/09/23	92	60 - 140	92	60 - 130	<0.010	ug/g	NC	50
9654170	Ethylene Dibromide	2024/09/23	104	60 - 140	102	60 - 130	<0.040	ug/g	NC	50
9654170	F1 (C6-C10) - BTEX	2024/09/23					<10	ug/g	NC	30
9654170	F1 (C6-C10)	2024/09/23	99	60 - 140	87	80 - 120	<10	ug/g	NC	30
9654170	Hexane	2024/09/23	99	60 - 140	100	60 - 130	<0.040	ug/g	NC	50
9654170	Methyl Ethyl Ketone (2-Butanone)	2024/09/23	101	60 - 140	98	60 - 140	<0.40	ug/g	NC	50
9654170	Methyl Isobutyl Ketone	2024/09/23	100	60 - 140	98	60 - 130	<0.40	ug/g	NC	50
9654170	Methyl t-butyl ether (MTBE)	2024/09/23	101	60 - 140	100	60 - 130	<0.040	ug/g	NC	50
9654170	Methylene Chloride(Dichloromethane)	2024/09/23	99	60 - 140	97	60 - 130	<0.049	ug/g	NC	50
9654170	o-Xylene	2024/09/23	99	60 - 140	100	60 - 130	<0.020	ug/g	NC	50
9654170	p+m-Xylene	2024/09/23	88	60 - 140	90	60 - 130	<0.020	ug/g	NC	50
9654170	Styrene	2024/09/23	93	60 - 140	93	60 - 130	<0.040	ug/g	NC	50
9654170	Tetrachloroethylene	2024/09/23	98	60 - 140	97	60 - 130	<0.040	ug/g	NC	50
9654170	Toluene	2024/09/23	97	60 - 140	97	60 - 130	<0.020	ug/g	NC	50
9654170	Total Xylenes	2024/09/23					<0.020	ug/g	NC	50
9654170	trans-1,2-Dichloroethylene	2024/09/23	106	60 - 140	106	60 - 130	<0.040	ug/g	NC	50
9654170	trans-1,3-Dichloropropene	2024/09/23	102	60 - 140	102	60 - 130	<0.040	ug/g	NC	50
9654170	Trichloroethylene	2024/09/23	104	60 - 140	103	60 - 130	<0.010	ug/g	NC	50
9654170	Trichlorofluoromethane (FREON 11)	2024/09/23	97	60 - 140	96	60 - 130	<0.040	ug/g	NC	50
9654170	Vinyl Chloride	2024/09/23	85	60 - 140	84	60 - 130	<0.019	ug/g	NC	50
9654443	Moisture	2024/09/21							2.4	20
9654449	Moisture	2024/09/21							8.1	20
9654585	Moisture	2024/09/21							6.5	20
9655074	a-Chlordane	2024/09/24	100	50 - 130	79	50 - 130	<0.0020	ug/g	NC	40
9655074	Aldrin	2024/09/24	89	50 - 130	71	50 - 130	<0.0020	ug/g	NC	40

QUALITY ASSURANCE REPORT(CONT'D)

			Matrix Spike		SPIKED BLANK		Method Blank		RPD	
QC Batch	Parameter	Date	% Recovery	QC Limits	% Recovery	QC Limits	Value	UNITS	Value (%)	QC Limits
9655074	Aroclor 1242	2024/09/24					<0.015	ug/g		
9655074	Aroclor 1248	2024/09/24					<0.015	ug/g		
9655074	Aroclor 1254	2024/09/24					<0.015	ug/g		
9655074	Aroclor 1260	2024/09/24					<0.015	ug/g		
9655074	Dieldrin	2024/09/24	80	50 - 130	69	50 - 130	<0.0020	ug/g	NC	40
9655074	Endosulfan I (alpha)	2024/09/24	69	50 - 130	66	50 - 130	<0.0020	ug/g	NC	40
9655074	Endosulfan II (beta)	2024/09/24	72	50 - 130	63	50 - 130	<0.0020	ug/g	NC	40
9655074	Endrin	2024/09/24	95	50 - 130	81	50 - 130	<0.0020	ug/g	NC	40
9655074	g-Chlordane	2024/09/24	99	50 - 130	81	50 - 130	<0.0020	ug/g	NC	40
9655074	Heptachlor epoxide	2024/09/24	74	50 - 130	68	50 - 130	<0.0020	ug/g	NC	40
9655074	Heptachlor	2024/09/24	99	50 - 130	77	50 - 130	<0.0020	ug/g	NC	40
9655074	Hexachlorobenzene	2024/09/24	86	50 - 130	66	50 - 130	<0.0020	ug/g	NC	40
9655074	Hexachlorobutadiene	2024/09/24	87	50 - 130	80	50 - 130	<0.0020	ug/g	NC	40
9655074	Hexachloroethane	2024/09/24	71	50 - 130	62	50 - 130	<0.0020	ug/g	NC	40
9655074	Lindane	2024/09/24	89	50 - 130	74	50 - 130	<0.0020	ug/g	NC	40
9655074	Methoxychlor	2024/09/24	98	50 - 130	79	50 - 130	<0.0050	ug/g	NC	40
9655074	o,p-DDD	2024/09/24	119	50 - 130	87	50 - 130	<0.0020	ug/g	NC	40
9655074	o,p-DDE	2024/09/24	110	50 - 130	86	50 - 130	<0.0020	ug/g	NC	40
9655074	o,p-DDT	2024/09/24	120	50 - 130	93	50 - 130	<0.0020	ug/g	NC	40
9655074	p,p-DDD	2024/09/24	109	50 - 130	85	50 - 130	<0.0020	ug/g	NC	40
9655074	p,p-DDE	2024/09/24	104	50 - 130	87	50 - 130	<0.0020	ug/g	NC	40
9655074	p,p-DDT	2024/09/24	123	50 - 130	97	50 - 130	<0.0020	ug/g	NC	40
9655091	Chromium (VI)	2024/09/24	76	70 - 130	91	80 - 120	<0.18	ug/g	NC	35
9655410	WAD Cyanide (Free)	2024/09/24	84	75 - 125	103	80 - 120	<0.01	ug/g	NC	35
9655449	Acid Extractable Antimony (Sb)	2024/09/23	100	75 - 125	116	80 - 120	<0.20	ug/g	5.2	30
9655449	Acid Extractable Arsenic (As)	2024/09/23	99	75 - 125	105	80 - 120	<1.0	ug/g	0.65	30
9655449	Acid Extractable Barium (Ba)	2024/09/23	NC	75 - 125	102	80 - 120	<0.50	ug/g	2.5	30
9655449	Acid Extractable Beryllium (Be)	2024/09/23	96	75 - 125	100	80 - 120	<0.20	ug/g	0.87	30
9655449	Acid Extractable Boron (B)	2024/09/23	84	75 - 125	97	80 - 120	<5.0	ug/g	4.2	30
9655449	Acid Extractable Cadmium (Cd)	2024/09/23	99	75 - 125	99	80 - 120	<0.10	ug/g	4.5	30
9655449	Acid Extractable Chromium (Cr)	2024/09/23	96	75 - 125	100	80 - 120	<1.0	ug/g	1.6	30

QUALITY ASSURANCE REPORT(CONT'D)

			Matrix Spike		SPIKED BLANK		Method Blank		RPD	
QC Batch	Parameter	Date	% Recovery	QC Limits	% Recovery	QC Limits	Value	UNITS	Value (%)	QC Limits
9655449	Acid Extractable Cobalt (Co)	2024/09/23	102	75 - 125	105	80 - 120	<0.10	ug/g	0.97	30
9655449	Acid Extractable Copper (Cu)	2024/09/23	NC	75 - 125	101	80 - 120	<0.50	ug/g	1.4	30
9655449	Acid Extractable Lead (Pb)	2024/09/23	NC	75 - 125	103	80 - 120	<1.0	ug/g	2.5	30
9655449	Acid Extractable Mercury (Hg)	2024/09/23	105	75 - 125	106	80 - 120	<0.050	ug/g	NC	30
9655449	Acid Extractable Molybdenum (Mo)	2024/09/23	96	75 - 125	99	80 - 120	<0.50	ug/g	5.7	30
9655449	Acid Extractable Nickel (Ni)	2024/09/23	NC	75 - 125	107	80 - 120	<0.50	ug/g	0.90	30
9655449	Acid Extractable Selenium (Se)	2024/09/23	98	75 - 125	105	80 - 120	<0.50	ug/g	NC	30
9655449	Acid Extractable Silver (Ag)	2024/09/23	101	75 - 125	102	80 - 120	<0.20	ug/g	NC	30
9655449	Acid Extractable Thallium (Tl)	2024/09/23	102	75 - 125	105	80 - 120	<0.050	ug/g	10	30
9655449	Acid Extractable Uranium (U)	2024/09/23	103	75 - 125	105	80 - 120	<0.050	ug/g	3.3	30
9655449	Acid Extractable Vanadium (V)	2024/09/23	NC	75 - 125	104	80 - 120	<5.0	ug/g	1.7	30
9655449	Acid Extractable Zinc (Zn)	2024/09/23	NC	75 - 125	106	80 - 120	<5.0	ug/g	0.23	30
9655554	Hot Water Ext. Boron (B)	2024/09/23	110	75 - 125	110	75 - 125	<0.050	ug/g	14	40
9655564	Hot Water Ext. Boron (B)	2024/09/24	111	75 - 125	99	75 - 125	<0.050	ug/g	5.2	40
9655594	Available (CaCl2) pH	2024/09/23			100	97 - 103			0.025	N/A
9655759	Conductivity	2024/09/23			103	90 - 110	<0.002	mS/cm	0	10
9655813	Acid Extractable Antimony (Sb)	2024/09/23	107	75 - 125	112	80 - 120	<0.20	ug/g	NC	30
9655813	Acid Extractable Arsenic (As)	2024/09/23	98	75 - 125	100	80 - 120	<1.0	ug/g	11	30
9655813	Acid Extractable Barium (Ba)	2024/09/23	99	75 - 125	100	80 - 120	<0.50	ug/g	2.2	30
9655813	Acid Extractable Beryllium (Be)	2024/09/23	100	75 - 125	99	80 - 120	<0.20	ug/g	NC	30
9655813	Acid Extractable Boron (B)	2024/09/23	93	75 - 125	99	80 - 120	<5.0	ug/g	1.8	30
9655813	Acid Extractable Cadmium (Cd)	2024/09/23	98	75 - 125	99	80 - 120	<0.10	ug/g	3.8	30
9655813	Acid Extractable Chromium (Cr)	2024/09/23	97	75 - 125	98	80 - 120	<1.0	ug/g	10	30
9655813	Acid Extractable Cobalt (Co)	2024/09/23	100	75 - 125	105	80 - 120	<0.10	ug/g	3.8	30
9655813	Acid Extractable Copper (Cu)	2024/09/23	100	75 - 125	100	80 - 120	<0.50	ug/g	2.4	30
9655813	Acid Extractable Lead (Pb)	2024/09/23	111	75 - 125	102	80 - 120	<1.0	ug/g	21	30
9655813	Acid Extractable Mercury (Hg)	2024/09/23	105	75 - 125	109	80 - 120	<0.050	ug/g	NC	30
9655813	Acid Extractable Molybdenum (Mo)	2024/09/23	98	75 - 125	99	80 - 120	<0.50	ug/g	0.56	30
9655813	Acid Extractable Nickel (Ni)	2024/09/23	102	75 - 125	106	80 - 120	<0.50	ug/g	3.7	30
9655813	Acid Extractable Selenium (Se)	2024/09/23	98	75 - 125	100	80 - 120	<0.50	ug/g	NC	30
9655813	Acid Extractable Silver (Ag)	2024/09/23	99	75 - 125	101	80 - 120	<0.20	ug/g	NC	30

QUALITY ASSURANCE REPORT(CONT'D)

			Matrix Spike		SPIKED BLANK		Method Blank		RPD	
QC Batch	Parameter	Date	% Recovery	QC Limits	% Recovery	QC Limits	Value	UNITS	Value (%)	QC Limits
9655813	Acid Extractable Thallium (Tl)	2024/09/23	99	75 - 125	105	80 - 120	<0.050	ug/g	11	30
9655813	Acid Extractable Uranium (U)	2024/09/23	102	75 - 125	104	80 - 120	<0.050	ug/g	13	30
9655813	Acid Extractable Vanadium (V)	2024/09/23	105	75 - 125	103	80 - 120	<5.0	ug/g	1.5	30
9655813	Acid Extractable Zinc (Zn)	2024/09/23	NC	75 - 125	103	80 - 120	<5.0	ug/g	0.69	30
9657133	1-Methylnaphthalene	2024/09/24	80	50 - 130	86	50 - 130	<0.0050	ug/g	NC	40
9657133	2-Methylnaphthalene	2024/09/24	79	50 - 130	84	50 - 130	<0.0050	ug/g	NC	40
9657133	Acenaphthene	2024/09/24	89	50 - 130	96	50 - 130	<0.0050	ug/g	NC	40
9657133	Acenaphthylene	2024/09/24	94	50 - 130	102	50 - 130	<0.0050	ug/g	NC	40
9657133	Anthracene	2024/09/24	87	50 - 130	93	50 - 130	<0.0050	ug/g	NC	40
9657133	Benzo(a)anthracene	2024/09/24	89	50 - 130	95	50 - 130	<0.0050	ug/g	NC	40
9657133	Benzo(a)pyrene	2024/09/24	83	50 - 130	90	50 - 130	<0.0050	ug/g	NC	40
9657133	Benzo(b/j)fluoranthene	2024/09/24	77	50 - 130	63	50 - 130	<0.0050	ug/g	NC	40
9657133	Benzo(g,h,i)perylene	2024/09/24	47 (1)	50 - 130	90	50 - 130	<0.0050	ug/g	NC	40
9657133	Benzo(k)fluoranthene	2024/09/24	79	50 - 130	57	50 - 130	<0.0050	ug/g	NC	40
9657133	Chrysene	2024/09/24	76	50 - 130	65	50 - 130	<0.0050	ug/g	NC	40
9657133	Dibenzo(a,h)anthracene	2024/09/24	46 (1)	50 - 130	87	50 - 130	<0.0050	ug/g	NC	40
9657133	Fluoranthene	2024/09/24	81	50 - 130	86	50 - 130	<0.0050	ug/g	NC	40
9657133	Fluorene	2024/09/24	93	50 - 130	102	50 - 130	<0.0050	ug/g	NC	40
9657133	Indeno(1,2,3-cd)pyrene	2024/09/24	51	50 - 130	97	50 - 130	<0.0050	ug/g	NC	40
9657133	Naphthalene	2024/09/24	73	50 - 130	79	50 - 130	<0.0050	ug/g	NC	40
9657133	Phenanthrene	2024/09/24	82	50 - 130	88	50 - 130	<0.0050	ug/g	NC	40
9657133	Pyrene	2024/09/24	79	50 - 130	85	50 - 130	<0.0050	ug/g	NC	40
9657367	F2 (C10-C16 Hydrocarbons)	2024/09/24	99	60 - 140	98	80 - 120	<7.0	ug/g	NC	30
9657367	F3 (C16-C34 Hydrocarbons)	2024/09/24	101	60 - 140	100	80 - 120	<50	ug/g	NC	30
9657367	F4 (C34-C50 Hydrocarbons)	2024/09/24	100	60 - 140	98	80 - 120	<50	ug/g	NC	30
9657506	a-Chlordane	2024/09/26	113	50 - 130	106	50 - 130	<0.0020	ug/g	NC	40
9657506	Aldrin	2024/09/26	108	50 - 130	133 (2)	50 - 130	<0.0020	ug/g	NC	40
9657506	Aroclor 1242	2024/09/26					<0.015	ug/g	NC	40
9657506	Aroclor 1248	2024/09/26					<0.015	ug/g	NC	40
9657506	Aroclor 1254	2024/09/26					<0.015	ug/g	NC	40
9657506	Aroclor 1260	2024/09/26					<0.015	ug/g	NC	40

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QUALITY ASSURANCE REPORT(CONT'D)

			Matrix Spike		SPIKED BLANK		Method Blank		RPD	
QC Batch	Parameter	Date	% Recovery	QC Limits	% Recovery	QC Limits	Value	UNITS	Value (%)	QC Limits
9657506	Dieldrin	2024/09/26	116	50 - 130	124	50 - 130	<0.0020	ug/g	NC	40
9657506	Endosulfan I (alpha)	2024/09/26	106	50 - 130	108	50 - 130	<0.0020	ug/g	NC	40
9657506	Endosulfan II (beta)	2024/09/26	102	50 - 130	108	50 - 130	<0.0020	ug/g	NC	40
9657506	Endrin	2024/09/26	113	50 - 130	121	50 - 130	<0.0020	ug/g	NC	40
9657506	g-Chlordane	2024/09/26	110	50 - 130	104	50 - 130	<0.0020	ug/g	NC	40
9657506	Heptachlor epoxide	2024/09/26	108	50 - 130	116	50 - 130	<0.0020	ug/g	NC	40
9657506	Heptachlor	2024/09/26	96	50 - 130	85	50 - 130	<0.0020	ug/g	NC	40
9657506	Hexachlorobenzene	2024/09/26	105	50 - 130	86	50 - 130	<0.0020	ug/g	NC	40
9657506	Hexachlorobutadiene	2024/09/26	88	50 - 130	91	50 - 130	<0.0020	ug/g	NC	40
9657506	Hexachloroethane	2024/09/26	59	50 - 130	70	50 - 130	<0.0020	ug/g	NC	40
9657506	Lindane	2024/09/26	101	50 - 130	101	50 - 130	<0.0020	ug/g	NC	40
9657506	Methoxychlor	2024/09/26	107	50 - 130	116	50 - 130	<0.0050	ug/g	NC	40
9657506	o,p-DDD	2024/09/26	120	50 - 130	121	50 - 130	<0.0020	ug/g	NC	40
9657506	o,p-DDE	2024/09/26	116	50 - 130	110	50 - 130	<0.0020	ug/g	NC	40
9657506	o,p-DDT	2024/09/26	118	50 - 130	104	50 - 130	<0.0020	ug/g	NC	40
9657506	p,p-DDD	2024/09/26	129	50 - 130	119	50 - 130	<0.0020	ug/g	NC	40
9657506	p,p-DDE	2024/09/26	128	50 - 130	116	50 - 130	<0.0020	ug/g	NC	40
9657506	p,p-DDT	2024/09/26	103	50 - 130	94	50 - 130	<0.0020	ug/g	NC	40
9657515	WAD Cyanide (Free)	2024/09/24	95	75 - 125	101	80 - 120	<0.01	ug/g	NC	35
9657519	WAD Cyanide (Free)	2024/09/24	104	75 - 125	105	80 - 120	<0.01	ug/g	NC	35
9657613	Conductivity	2024/09/24			102	90 - 110	<0.002	mS/cm	0.22	10
9657676	Chromium (VI)	2024/09/24	27 (3)	70 - 130	93	80 - 120	<0.18	ug/g	NC	35
9657698	Chromium (VI)	2024/09/24	88	70 - 130	94	80 - 120	<0.18	ug/g	NC	35
9657761	Chromium (VI)	2024/09/24	11 (3)	70 - 130	95	80 - 120	<0.18	ug/g	NC	35
9657902	Available (CaCl2) pH	2024/09/24			100	97 - 103			0.16	N/A
9658261	Available (CaCl2) pH	2024/09/24			100	97 - 103			0.41	N/A
9673624	Moisture	2024/10/01							1.2	20
9681531	a-Chlordane	2024/10/05	80	50 - 130	80	50 - 130	<0.0020	ug/g	NC	40
9681531	Aldrin	2024/10/05	73	50 - 130	78	50 - 130	<0.0020	ug/g	NC	40
9681531	Aroclor 1242	2024/10/05					<0.015	ug/g		
9681531	Aroclor 1248	2024/10/05					<0.015	ug/g		

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Microbiology testing is conducted at 6660 Campobello Rd. Chemistry testing is conducted at 6740 Campobello Rd.

			Matrix Spike		SPIKED BLANK		Method Blank		RPD	
QC Batch	Parameter	Date	% Recovery	QC Limits	% Recovery	QC Limits	Value	UNITS	Value (%)	QC Limits
9681531	Aroclor 1254	2024/10/05					<0.015	ug/g		
9681531	Aroclor 1260	2024/10/05					<0.015	ug/g		
9681531	Dieldrin	2024/10/05	74	50 - 130	62	50 - 130	<0.0020	ug/g	NC	40
9681531	Endosulfan I (alpha)	2024/10/05	83	50 - 130	77	50 - 130	<0.0020	ug/g	NC	40
9681531	Endosulfan II (beta)	2024/10/05	73	50 - 130	56	50 - 130	<0.0020	ug/g	NC	40
9681531	Endrin	2024/10/05	85	50 - 130	70	50 - 130	<0.0020	ug/g	NC	40
9681531	g-Chlordane	2024/10/05	78	50 - 130	71	50 - 130	<0.0020	ug/g	NC	40
9681531	Heptachlor epoxide	2024/10/05	70	50 - 130	60	50 - 130	<0.0020	ug/g	NC	40
9681531	Heptachlor	2024/10/05	72	50 - 130	80	50 - 130	<0.0020	ug/g	NC	40
9681531	Hexachlorobenzene	2024/10/05	58	50 - 130	62	50 - 130	<0.0020	ug/g	NC	40
9681531	Hexachlorobutadiene	2024/10/05	0.69 (4)	50 - 130	79	50 - 130	<0.0020	ug/g	NC	40
9681531	Hexachloroethane	2024/10/05	0.30 (4)	50 - 130	58	50 - 130	<0.0020	ug/g	NC	40
9681531	Lindane	2024/10/05	65	50 - 130	63	50 - 130	<0.0020	ug/g	NC	40
9681531	Methoxychlor	2024/10/05	111	50 - 130	88	50 - 130	<0.0050	ug/g	NC	40
9681531	o,p-DDD	2024/10/05	89	50 - 130	79	50 - 130	<0.0020	ug/g	NC	40
9681531	o,p-DDE	2024/10/05	87	50 - 130	89	50 - 130	<0.0020	ug/g	NC	40
9681531	o,p-DDT	2024/10/05	105	50 - 130	105	50 - 130	<0.0020	ug/g	NC	40
9681531	p,p-DDD	2024/10/05	96	50 - 130	77	50 - 130	<0.0020	ug/g	NC	40
9681531	p,p-DDE	2024/10/05	94	50 - 130	84	50 - 130	<0.0020	ug/g	NC	40

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QUALITY ASSURANCE REPORT(CONT'D)

			Matrix Spike		SPIKED BLANK		Method Blank		RPD	
QC Batch	Parameter	Date	% Recovery	QC Limits	% Recovery	QC Limits	Value	UNITS	Value (%)	QC Limits
9681531	p,p-DDT	2024/10/05	102	50 - 130	95	50 - 130	<0.0020	ug/g	NC	40

N/A = Not Applicable

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

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

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

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

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

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

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

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

(2) The recovery was above the upper control limit. This may represent a high bias in some results for this specific analyte. For results that were not detected (ND), this potential bias has no impact.

(3) The matrix spike recovery was below the lower control limit. This may be due in part to the reducing environment of the sample. The sample was reanalyzed with the same results.

(4) Matrix spike exceeds acceptance limits, probable matrix interference.

(5) Surrogate recovery was below the lower control limit. This may represent a low bias in some results.

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Microbiology testing is conducted at 6660 Campobello Rd. Chemistry testing is conducted at 6740 Campobello Rd.

VALIDATION SIGNATURE PAGE

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

Cristina Carriere, Senior Scientific Specialist

Louise Harding, Scientific Specialist

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

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Microbiology testing is conducted at 6660 Campobello Rd. Chemistry testing is conducted at 6740 Campobello Rd.

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2024/09/17 19:41

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NONT-2024-09-3470

RD

INVOICE TO:

Company Name: #17950 Cambium Environmental Inc
Attention: ACCOUNTS PAYABLE
Address: 194 Sophia Street PO Box 325
Peterborough ON K9H 1E5
Tel: (705) 742-7900 Fax: (705) 742-7907
Email: accounting@cambium-inc.com

REPORT TO:

Company Name:
Attention: Maria Strybos
Address:
Tel: Fax:
Email: maria.strybos@cambium-inc.com

PROJECT INF

Quotation #: C26318
P.O. #:
Project: 21199-001
Project Name:
Site #:
Sampled By:

Laboratory Use Only:

Job #:
Bottle Order #: 1011969
COC #: C#1011969-01-01
Project Manager: Mayank Nigam

MOE REGULATED DRINKING WATER OR WATER INTENDED FOR HUMAN CONSUMPTION MUST BE SUBMITTED ON THE BUREAU VERITAS DRINKING WATER CHAIN OF CUSTODY

Regulation 153 (2011)
- [X] Table 1 [ ] Res/Park [ ] Medium/Fine
- [ ] Table 2 [ ] Ind/Comm [X] Coarse
- [ ] Table 3 [X] Agri/Other [X] For RSC
- [ ] Table ___

Other Regulations
- [ ] CCME [ ] Sanitary Sewer Bylaw
- [ ] Reg 558. [ ] Storm Sewer Bylaw
- [ ] MISA Municipality
- [ ] PWQO [ ] Reg 406 Table
- [ ] Other

Special Instructions

Include Criteria on Certificate of Analysis (Y/N)? Y

Turnaround Time (TAT) Required:
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Regular (Standard) TAT: [X]
(will be applied if Rush TAT is not specified):
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Please note: Standard TAT for certain tests such as BOD and Dioxins/Furans are > 5 days - contact your Project Manager for details.

Job Specific Rush TAT (if applies to entire submission)
Date Required: Time Required:
Rush Confirmation Number: *(call lab for #)*

	Sample Barcode Label	Sample (Location) Identification	Date Sampled	Time Sampled	Matrix	Field Filtered (please circle): Metals / Hg / Cr VI	O.Reg 153 VOCs by HS & F1-F4 (Soil)	O.Reg 153 PAHs (Soil)	O.Reg 153 OC Pesticides (Soil)	O.Reg 153 Metals & Inorganics Pkg (Soil)						# of Bottles	Comments
1		BH201-24_0.3-0.5	24/09/17	—	Soil		X	X	X	X							
2		BH201-24_0.5-0.7	↓	—	↓		X	X	X	X							HOLD
3		BH202-24_0.5-0.7		—			X	X	X	X							
4		BH202-24_0.7-0.9		—			X	X	X	X							HOLD
5		BH203-24_0-0.3	24/09/16	—					X	X							
6		BH203-24_0.3-0.5	↓	—					X	X							HOLD
7		BH204_24_0.0-0.3		—					X	X							
8		BH204-24_0.3-0.5		—					X	X							HOLD
9		BH205-24_0.5-0.7		—			X	X	X	X							
10		BH205-24_0.7-0.9	↓	—	↓		X	X	X	X							HOLD

* RELINQUISHED BY: (Signature/Print)	Date: (YY/MM/DD)	Time	RECEIVED BY: (Signature/Print)	Date: (YY/MM/DD)	Time	# jars used and not submitted
Rowan Golashan / TCS	24/09/17	19:45	Sharon DeFonseca	2024/09/17	19:41	

Laboratory Use Only

Time Sensitive	Temperature (°C) on Recei	Custody Seal	Yes	No
	9/9/10 7/4/5	Present	✓	
		Intact	✓	

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

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CHAIN OF CUSTODY RECORD

INVOICE TO:		REPORT TO:		PROJECT INFORMATION:		Laboratory Use Only:	
Company Name:	#17950 Cambium Environmental Inc	Company Name:		Quotation #:	C26318	Bureau Veritas Job #:	Bottle Order #:
Attention:	ACCOUNTS PAYABLE	Attention:	Maria Strybos	P.O. #:			1011969
Address:	194 Sophia Street PO Box 325	Address:		Project:	21199-001	COC #:	Project Manager:
	Peterborough ON K9H 1E5			Project Name:		C#1011969-02-01	Mayank Nigam
Tel:	(705) 742-7900 Fax: (705) 742-7907	Tel:	Fax:	Site #:			
Email:	accounting@cambium-inc.com	Email:	maria.strybos@cambium-inc.com	Sampled By:			

MOE REGULATED DRINKING WATER OR WATER INTENDED FOR HUMAN CONSUMPTION MUST BE SUBMITTED ON THE BUREAU VERITAS DRINKING WATER CHAIN OF CUSTODY

Regulation 153 (2011)
- [X] Table 1 [ ] Res/Park [ ] Medium/Fine
- [ ] Table 2 [ ] Ind/Comm [X] Coarse
- [ ] Table 3 [X] Agri/Other [X] For RSC
- [ ] Table ___

Other Regulations
- [ ] CCME [ ] Sanitary Sewer Bylaw
- [ ] Reg 558. [ ] Storm Sewer Bylaw
- [ ] MISA Municipality ___
- [ ] PWQO [ ] Reg 406 Table ___
- [ ] Other ___

Special Instructions

Include Criteria on Certificate of Analysis (Y/N)? Y

Turnaround Time (TAT) Required:
Please provide advance notice for rush projects

Regular (Standard) TAT: [X]
(will be applied if Rush TAT is not specified):
Standard TAT = 5-7 Working days for most tests.
Please note: Standard TAT for certain tests such as BOD and Dioxins/Furans are > 5 days - contact your Project Manager for details.

Job Specific Rush TAT (if applies to entire submission)
Date Required: ___ Time Required: ___ [ ]
Rush Confirmation Number: ___ *(call lab for #)*

	Sample Barcode Label	Sample (Location) Identification	Date Sampled	Time Sampled	Matrix	Field Filtered (please circle): Metals / Hg / Cr VI	O.Reg 153 VOCs by HS & F1-F4 (Soil)	O.Reg 153 PAHs (Soil)	O.Reg 153 OC Pesticides (Soil)	O.Reg 153 Metals & Inorganics Pkg (Soil)	# of Bottles	Comments
1		BH206-24_0.5-0.7	24/09/16	—	Soil		X	X	X	X		
2		BH206-24_0.7-0.9	24/09/16	~	↓		X	X	X	X		HOLD
3		BH207-24_0.3-0.5	24/09/17	—			X	X	X	X		
4		BH207-24_0.5-0.7	24/09/17	—			X	X	X	X		HOLD
5		BH208-24_0.3-0.5	↓	—			X	X	X	X		
6		BH208-24_0.5-0.7		—			X	X	X	X		HOLD
7		BH209-24_0.3-0.5		—			X	X	X	X		
8		BH209-24_0.5-0.7		—			X	X	X	X		HOLD
9		BH210-24_0.3-0.5		—			X	X	X	X		
10		BH210-24_0.5-0.7		—	↓		X	X	X	X		HOLD

* RELINQUISHED BY: (Signature/Print)	Date: (YY/MM/DD)	Time	RECEIVED BY: (Signature/Print)	Date: (YY/MM/DD)	Time	# jars used and not submitted
			Shaven De Fonseca	2024/09/17	19:41	

Laboratory Use Only
Time Sensitive | Temperature (°C) on Recei: 9/9/10 7/4/5 | Custody Seal Present [Yes] Intact [Yes]

* UNLESS OTHERWISE AGREED TO IN WRITING, WORK SUBMITTED ON THIS CHAIN OF CUSTODY IS SUBJECT TO BUREAU VERITAS'S STANDARD TERMS AND CONDITIONS. SIGNING OF THIS CHAIN OF CUSTODY DOCUMENT IS ACKNOWLEDGMENT AND ACCEPTANCE OF OUR TERMS WHICH ARE AVAILABLE FOR VIEWING AT WWW.BVNA.COM/ENVIRONMENTAL-LABORATORIES/RESOURCES/COC-TERMS-AND-CONDITIONS.

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

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On Ice

2/6/14

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2024/09/17 19:41

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6740 Campobello Road, Mississauga, Ontario Canada L5N 2L8 Tel:(905) 817-5700 Toll-free:800-563-6266 Fax:(905) 817-5777 www.bvna.com

CHAIN OF CUSTODY RECORD

INVOICE TO:		REPORT TO:		PROJECT INFORMATION:		Laboratory Use Only:	
Company Name:	#17950 Cambium Environmental Inc	Company Name:		Quotation #:	C26318	Bureau Veritas Job #:	Bottle Order #:
Attention:	ACCOUNTS PAYABLE	Attention:	Maria Strybos	P.O. #:			1011969
Address:	194 Sophia Street PO Box 325	Address:		Project:	21199-001	COC #:	Project Manager:
	Peterborough ON K9H 1E5			Project Name:		C#1011969-03-01	Mayank Nigam
Tel:	(705) 742-7900 Fax: (705) 742-7907	Tel:	Fax:	Site #:			
Email:	accounting@cambium-inc.com	Email:	maria.strybos@cambium-inc.com	Sampled By:			

MOE REGULATED DRINKING WATER OR WATER INTENDED FOR HUMAN CONSUMPTION MUST BE SUBMITTED ON THE BUREAU VERITAS DRINKING WATER CHAIN OF CUSTODY

Regulation 153 (2011)	Other Regulations	Special Instructions
[X] Table 1 [ ] Res/Park [ ] Medium/Fine	[ ] CCME [ ] Sanitary Sewer Bylaw	
[ ] Table 2 [ ] Ind/Comm [X] Coarse	[ ] Reg 558. [ ] Storm Sewer Bylaw	
[ ] Table 3 [X] Agri/Other [X] For RSC	[ ] MISA Municipality ____	
[ ] Table ____	[ ] PWQO [ ] Reg 406 Table ____	
	[ ] Other ____	

Include Criteria on Certificate of Analysis (Y/N)? Y

ANALYSIS REQUESTED (PLEASE BE SPECIFIC)

Turnaround Time (TAT) Required:
Please provide advance notice for rush projects

Regular (Standard) TAT: [X]
(will be applied if Rush TAT is not specified):
Standard TAT = 5-7 Working days for most tests..
Please note: Standard TAT for certain tests such as BOD and Dioxins/Furans are > 5 days - contact your Project Manager for details.

Job Specific Rush TAT (if applies to entire submission)
Date Required: ____ Time Required: ____ [ ]
Rush Confirmation Number: ____ *(call lab for #)*

	Sample Barcode Label	Sample (Location) Identification	Date Sampled	Time Sampled	Matrix	Field Filtered (please circle): Metals / Hg / Cr VI	O.Reg 153 VOCs by HS & F1-F4 (Soil)	O.Reg 153 PAHs (Soil)	O.Reg 153 OC Pesticides (Soil)	O.Reg 153 Metals & Inorganics Pkg (Soil)	# of Bottles	Comments
1		BH211-24_0.3-0.5	24/09/17	–	Soil		X	X	X	X		
2		BH211-24_0.5-0.7	24/09/17	–			X	X	X	X		HOLD
3		BH212-24_0.0.3	24/09/17	–					X	X		
4		BH212-24_0.3-0.5	24/09/17	–					X	X		HOLD
5		BH213-24_0-0.3	24/09/17	–					X	X		
6		BH213-24_0.3-0.5	24/09/17	–					X	X		HOLD
7		BH214-24_0-0.3	24/09/17	–					X	X		
8		BH214-24_0.3-0.5	24/09/17	–					X	X		HOLD
9		BH215-24_0-0.3	↓	–					X	X		
10		BH215-24_0.3-0.5	↓	–	↓				X	X		HOLD

* RELINQUISHED BY: (Signature/Print)	Date: (YY/MM/DD)	Time	RECEIVED BY: (Signature/Print)	Date: (YY/MM/DD)	Time	# jars used and not submitted
			Sharon DeFonseca	2024/09/17	19:41	

Laboratory Use Only				
Time Sensitive	Temperature (°C) on Recei	Custody Seal	Yes	No
	9/9/10 7/4/5	Present	✓	
		Intact	✓	

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White: Bureau Veritas Yellow: Client
on ice
2/6/4

Bureau Veritas Canada (2019) Inc.

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2024/09/17 19:41

Page 1 of 4

Bureau Veritas
6740 Campobello Road, Mississauga, Ontario Canada L5N 2L8 Tel:(905) 817-5700 Toll-free:800-563-6266 Fax:(905) 817-5777 www.bvna.com

CHAIN OF CUSTODY RECORD

INVOICE TO:		REPORT TO:		PROJECT INFORMATION:		Laboratory Use Only:	
Company Name:	#17950 Cambium Environmental Inc	Company Name:		Quotation #:	C26318	Bureau Veritas Job #:	Bottle Order #:
Attention:	ACCOUNTS PAYABLE	Attention:	Maria Strybos	P.O. #:			1011969
Address:	194 Sophia Street PO Box 325	Address:		Project:	21199-001	COC #:	Project Manager:
	Peterborough ON K9H 1E5			Project Name:		C#1011969-04-01	Mayank Nigam
Tel:	(705) 742-7900 Fax: (705) 742-7907	Tel:	Fax:	Site #:			
Email:	accounting@cambium-inc.com	Email:	maria.strybos@cambium-inc.com	Sampled By:			

MOE REGULATED DRINKING WATER OR WATER INTENDED FOR HUMAN CONSUMPTION MUST BE SUBMITTED ON THE BUREAU VERITAS DRINKING WATER CHAIN OF CUSTODY

Regulation 153 (2011): [X] Table 1 [ ] Res/Park [ ] Medium/Fine; [ ] Table 2 [ ] Ind/Comm [X] Coarse; [ ] Table 3 [X] Agri/Other [X] For RSC; [ ] Table ___

Other Regulations: [ ] CCME [ ] Sanitary Sewer Bylaw; [ ] Reg 558 [ ] Storm Sewer Bylaw; [ ] MISA Municipality ___; [ ] PWQO [ ] Reg 406 Table ___; [ ] Other ___

Special Instructions

Include Criteria on Certificate of Analysis (Y/N)? Y

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Job Specific Rush TAT (if applies to entire submission)
Date Required: ___ Time Required: ___ [ ]
Rush Confirmation Number: ___ *(call lab for #)*

	Sample Barcode Label	Sample (Location) Identification	Date Sampled	Time Sampled	Matrix	Field Filtered (please circle): Metals / Hg / Cr VI	O.Reg 153 VOCs by HS & F1-F4 (Soil)	O.Reg 153 PAHs (Soil)	O.Reg 153 OC Pesticides (Soil)	O.Reg 153 Metals & Inorganics Pkg (Soil)	# of Bottles	Comments
1		BH216-24_03-0.5	24/09/16	-	Soil		X	X	X	X		
2		BH216-24_05-0.7	24/09/16	-			X	X	X	X		HOLD
3		BH217-24_03-0.5	24/09/17	-			X	X	X	X		
4		BH217-24_05-0.7	24/09/17	-			X	X	X	X		HOLD
5		BH218-24_03-0.5	24/09/16	-			X	X	X	X		
6		BH218-24_05-0.7	24/09/16	-			X	X	X	X		HOLD
7		QA/QC 1	24/09/16	-			X	X	X	X		
8		QA/QC 2	24/09/17	-					X	X		
9		QA/QC 3	24/09/17	-	↓		X	X	X	X		
10												

* RELINQUISHED BY: (Signature/Print)	Date: (YY/MM/DD)	Time	RECEIVED BY: (Signature/Print)	Date: (YY/MM/DD)	Time	# jars used and not submitted
			Shavon De Fonseca	2024/09/17	19:41	

Laboratory Use Only

Time Sensitive	Temperature (°C) on Recel	Custody Seal	Yes	No
	9/9/10 7/4/5	Present	✓	
		Intact	✓	

* UNLESS OTHERWISE AGREED TO IN WRITING, WORK SUBMITTED ON THIS CHAIN OF CUSTODY IS SUBJECT TO BUREAU VERITAS'S STANDARD TERMS AND CONDITIONS. SIGNING OF THIS CHAIN OF CUSTODY DOCUMENT IS ACKNOWLEDGMENT AND ACCEPTANCE OF OUR TERMS WHICH ARE AVAILABLE FOR VIEWING AT WWW.BVNA.COM/ENVIRONMENTAL-LABORATORIES/RESOURCES/COC-TERMS-AND-CONDITIONS.

* IT IS THE RESPONSIBILITY OF THE RELINQUISHER TO ENSURE THE ACCURACY OF THE CHAIN OF CUSTODY RECORD. AN INCOMPLETE CHAIN OF CUSTODY MAY RESULT IN ANALYTICAL TAT DELAYS.

** SAMPLE CONTAINER, PRESERVATION, HOLD TIME AND PACKAGE INFORMATION CAN BE VIEWED AT WWW.BVNA.COM/ENVIRONMENTAL-LABORATORIES/RESOURCES/CHAIN-CUSTODY-FORMS-COCS.

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

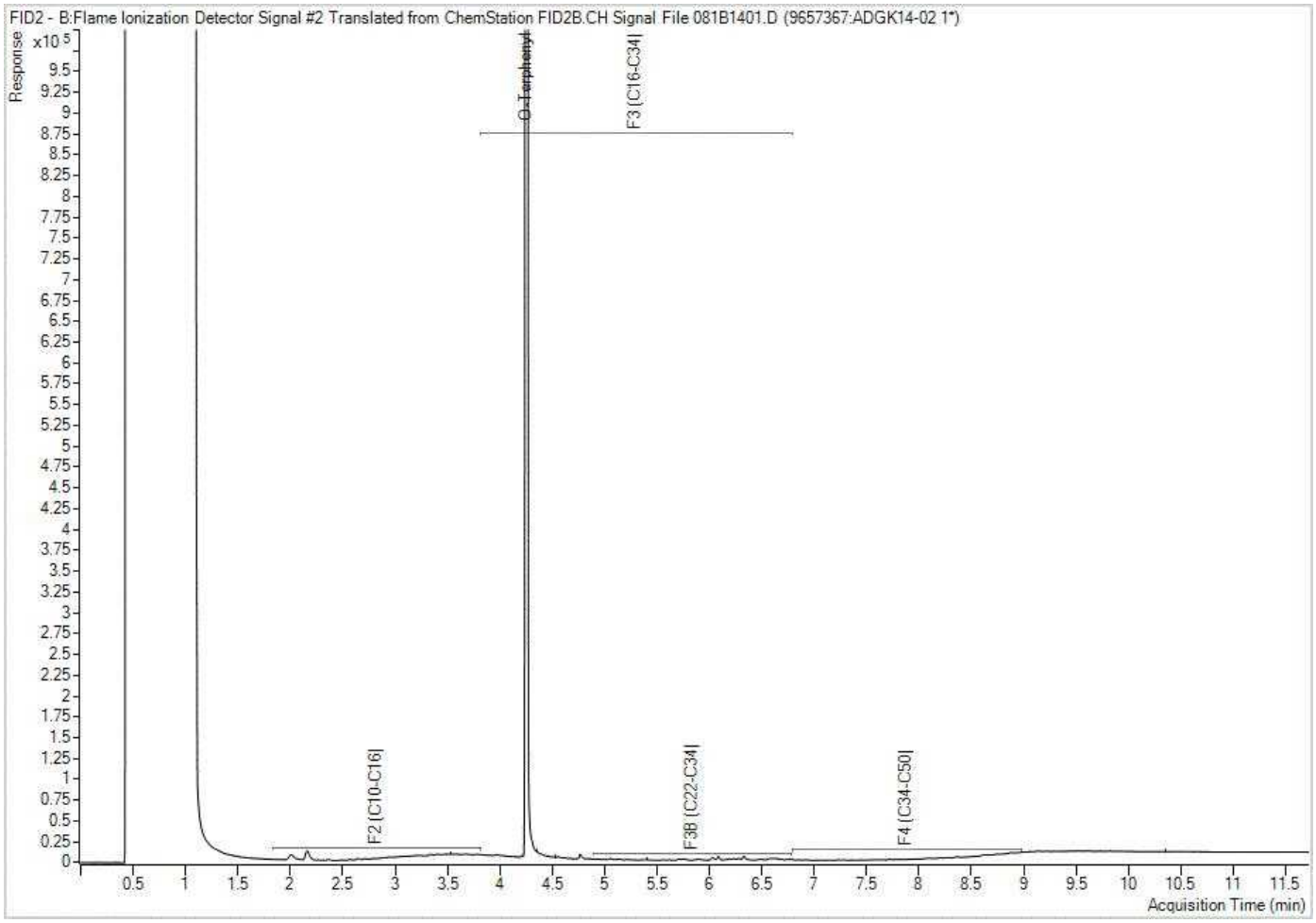
White: Bureau Veritas Yellow: Client
on ice
2/6/4

Bureau Veritas Canada (2019) Inc.

Bureau Veritas Job #: C4T2597
Report Date: 2024/10/10
Bureau Veritas Sample: ADGK14

Cambium Environmental Inc
Client Project #: 21199-001
Client ID: BH201-24_0.3-0.5

Petroleum Hydrocarbons F2-F4 in Soil Chromatogram

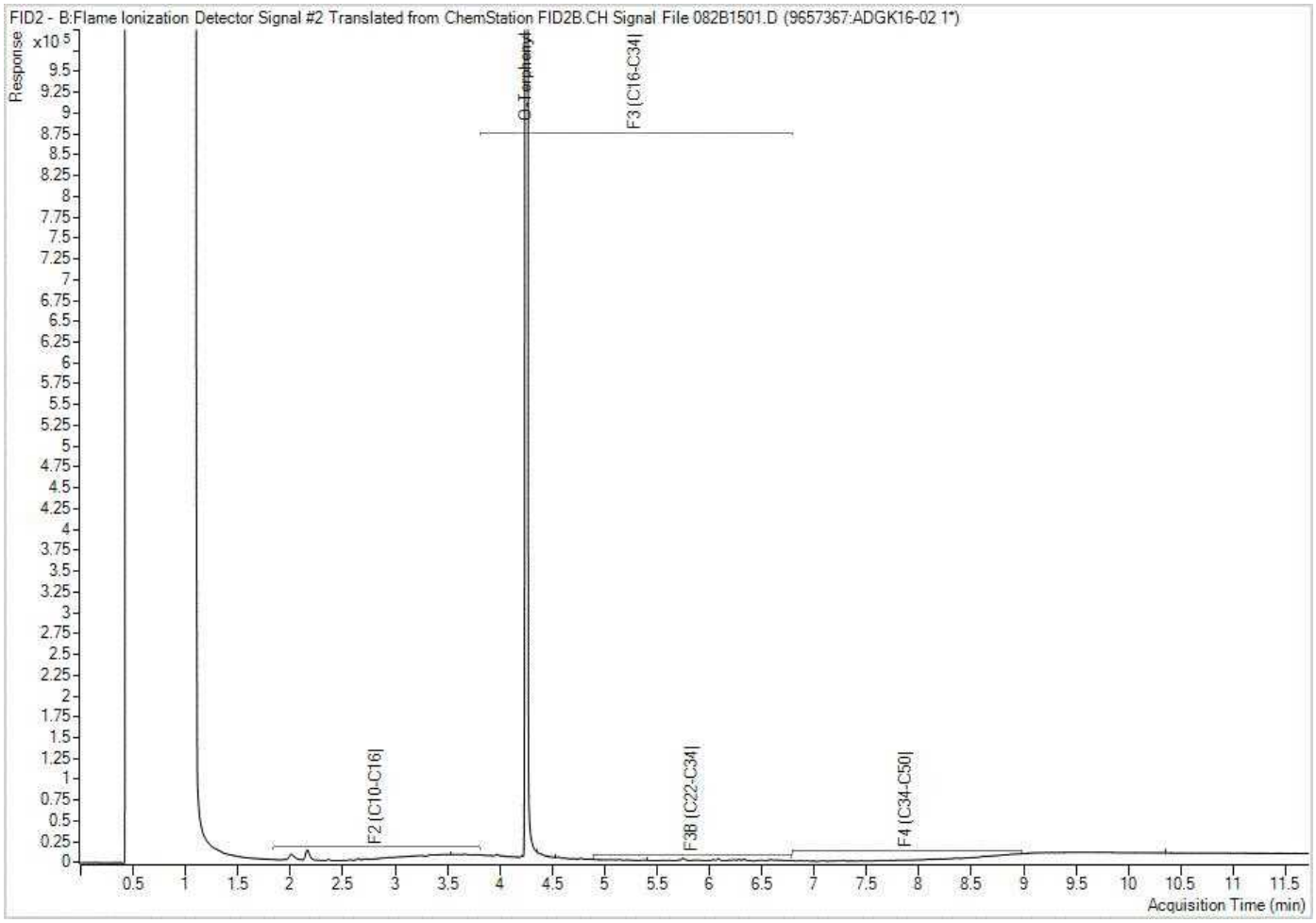


Note: This information is provided for reference purposes only. Should detailed chemist interpretation or fingerprinting be required, please contact the laboratory.

Bureau Veritas Job #: C4T2597
Report Date: 2024/10/10
Bureau Veritas Sample: ADGK16

Cambium Environmental Inc
Client Project #: 21199-001
Client ID: BH202-24_0.5-0.7

Petroleum Hydrocarbons F2-F4 in Soil Chromatogram

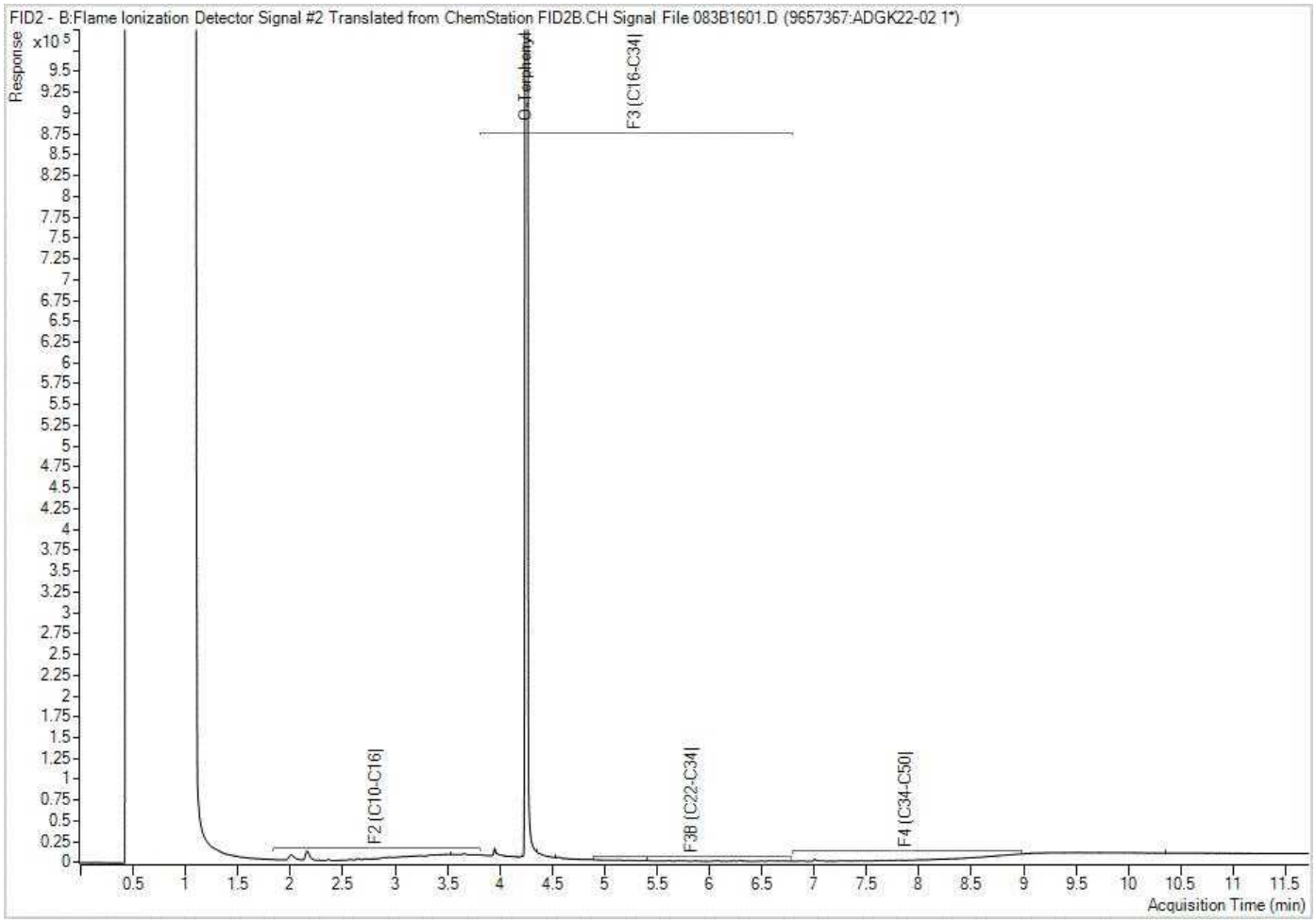


Note: This information is provided for reference purposes only. Should detailed chemist interpretation or fingerprinting be required, please contact the laboratory.

Bureau Veritas Job #: C4T2597
Report Date: 2024/10/10
Bureau Veritas Sample: ADGK22

Cambium Environmental Inc
Client Project #: 21199-001
Client ID: BH205-24_0.5-0.7

Petroleum Hydrocarbons F2-F4 in Soil Chromatogram

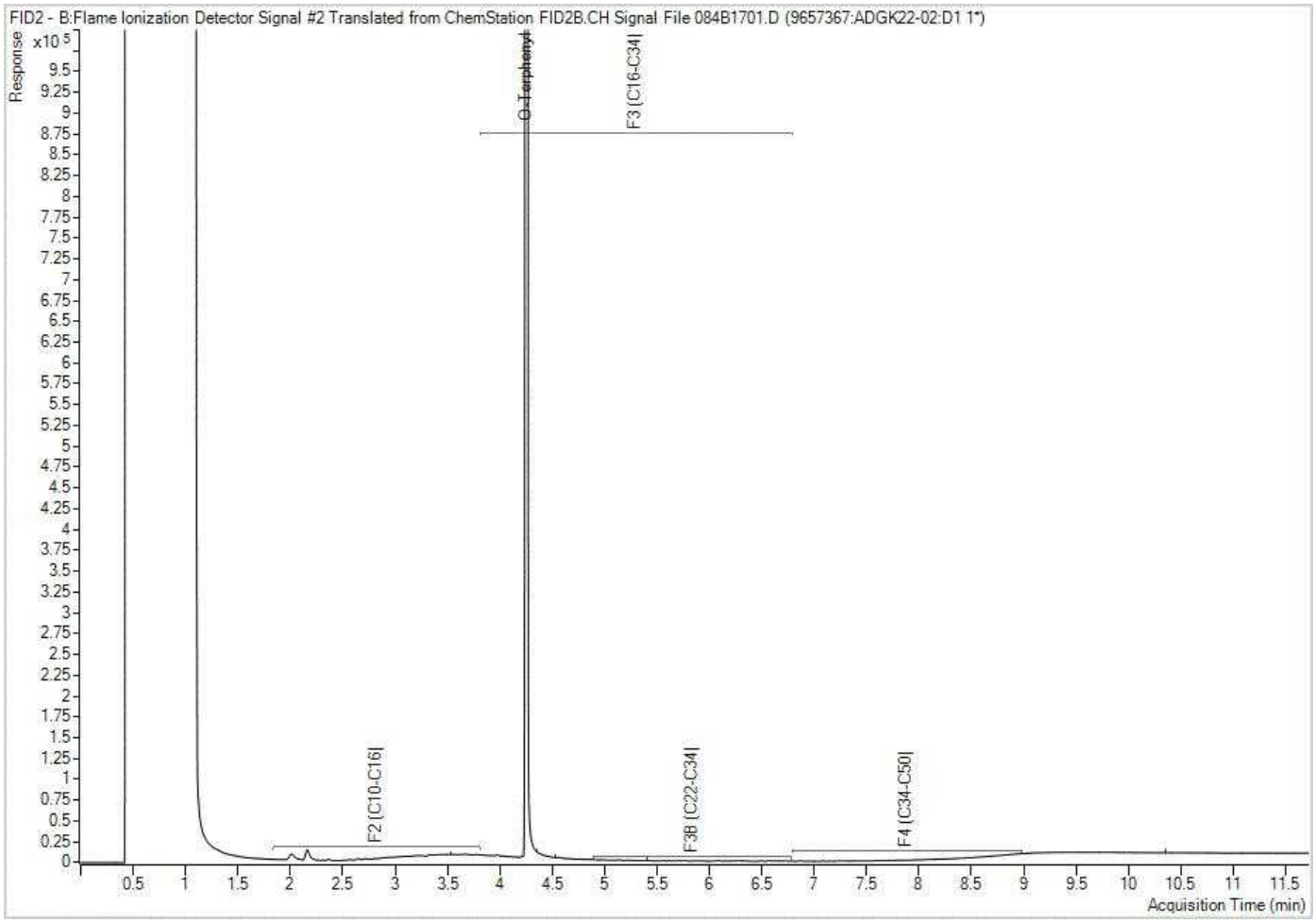


Note: This information is provided for reference purposes only. Should detailed chemist interpretation or fingerprinting be required, please contact the laboratory.

Bureau Veritas Job #: C4T2597
Report Date: 2024/10/10
Bureau Veritas Sample: ADGK22 Lab-Dup

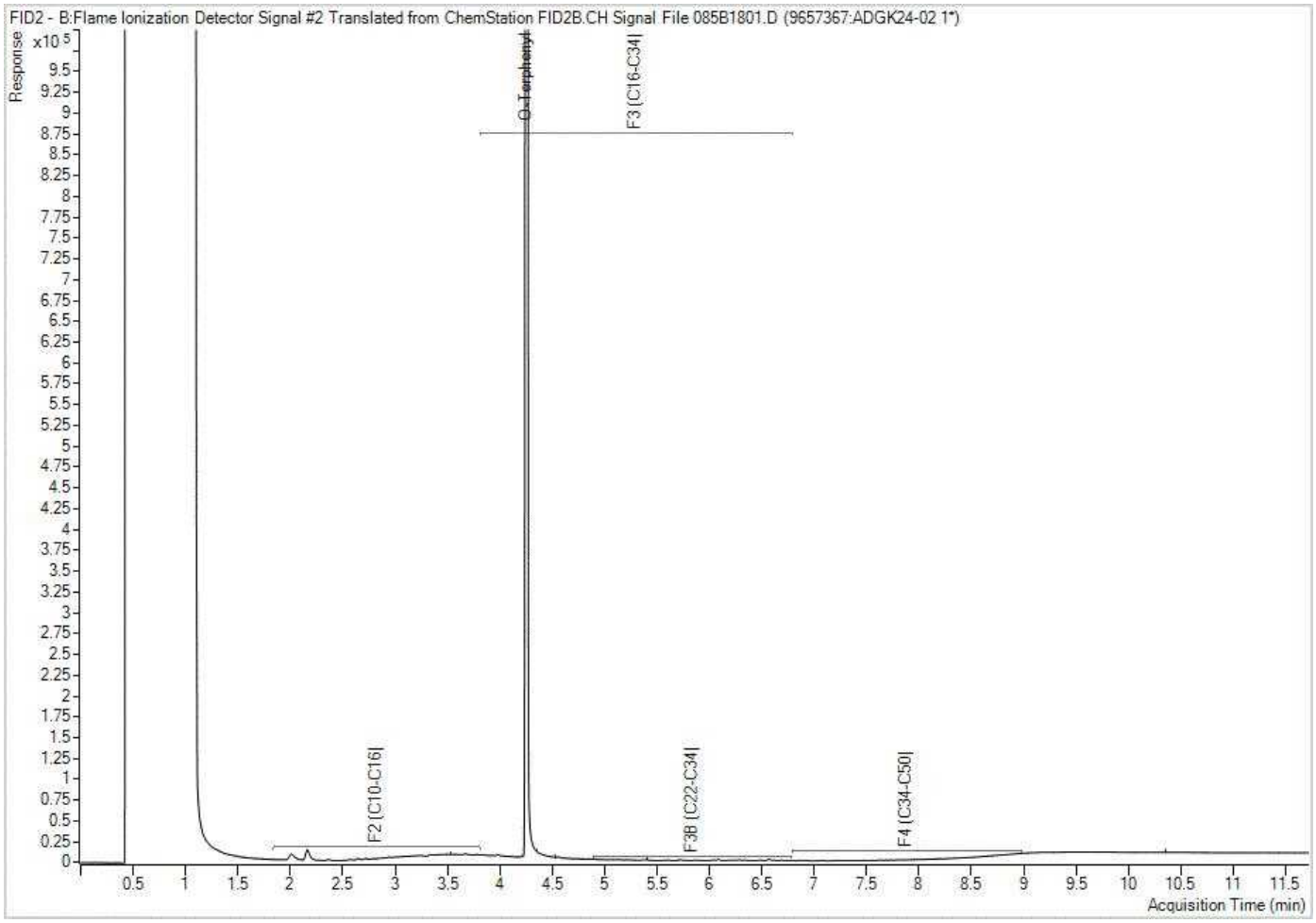
Cambium Environmental Inc
Client Project #: 21199-001
Client ID: BH205-24_0.5-0.7

Petroleum Hydrocarbons F2-F4 in Soil Chromatogram



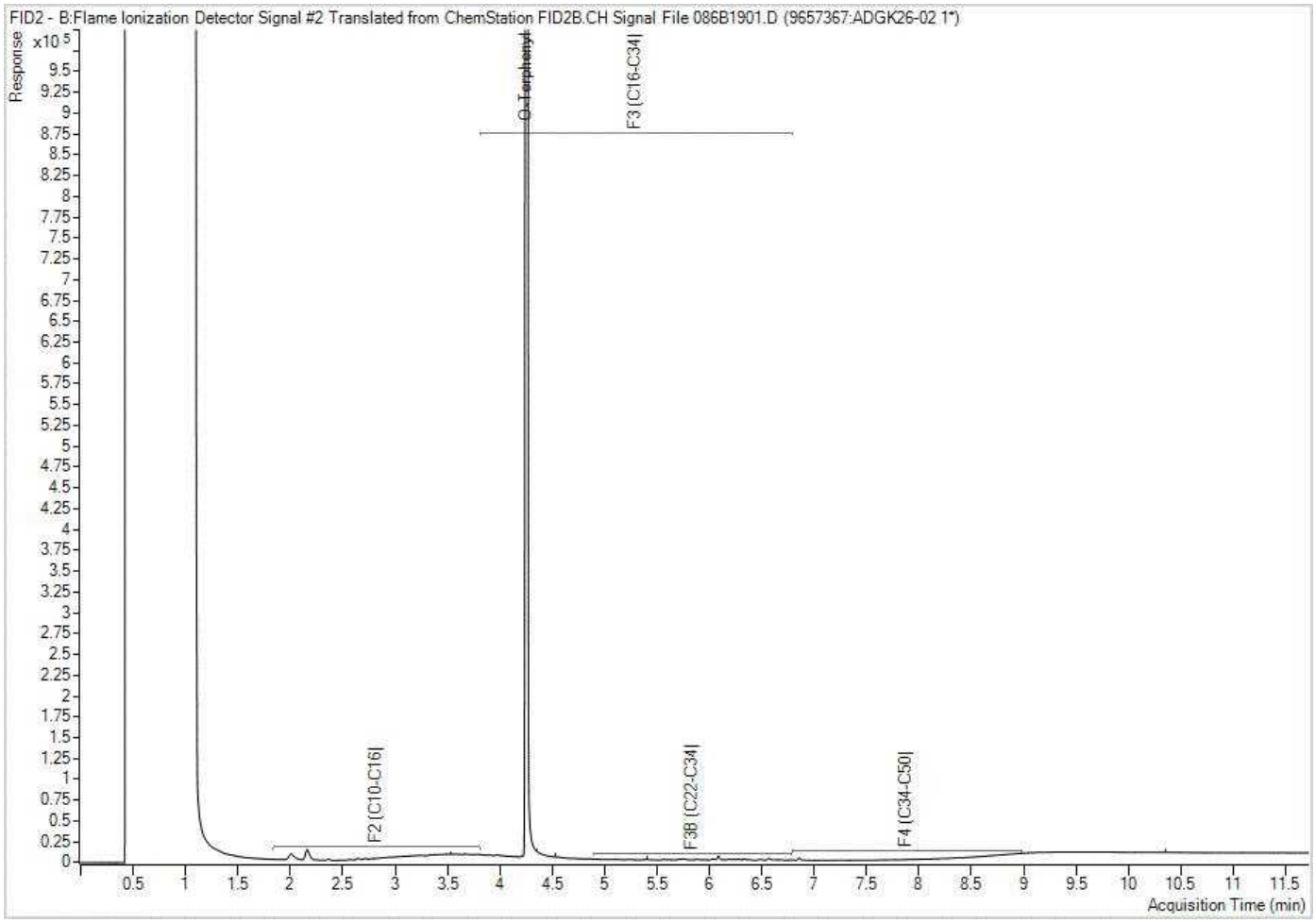
Note: This information is provided for reference purposes only. Should detailed chemist interpretation or fingerprinting be required, please contact the laboratory.

Petroleum Hydrocarbons F2-F4 in Soil Chromatogram



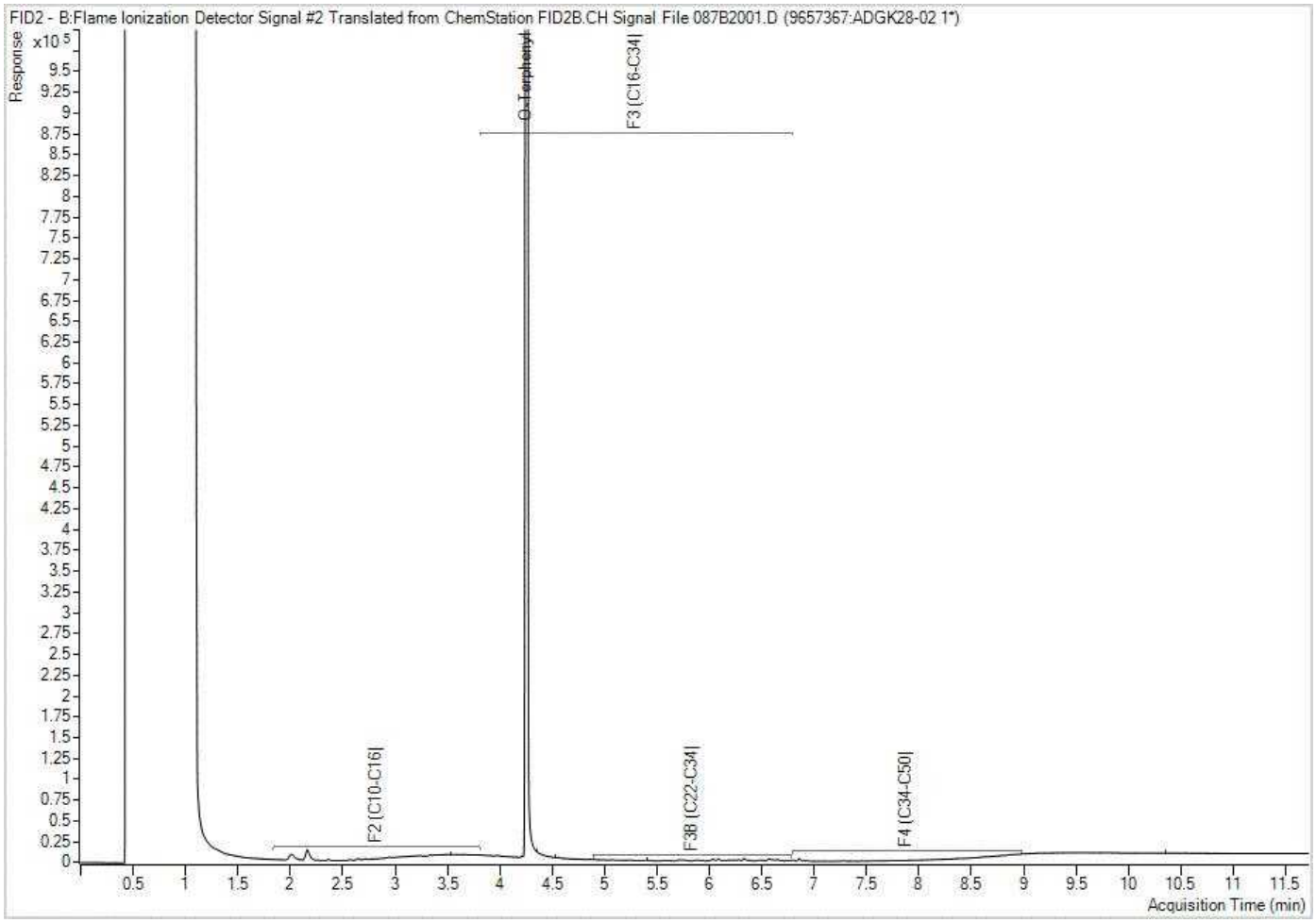
Note: This information is provided for reference purposes only. Should detailed chemist interpretation or fingerprinting be required, please contact the laboratory.

Petroleum Hydrocarbons F2-F4 in Soil Chromatogram



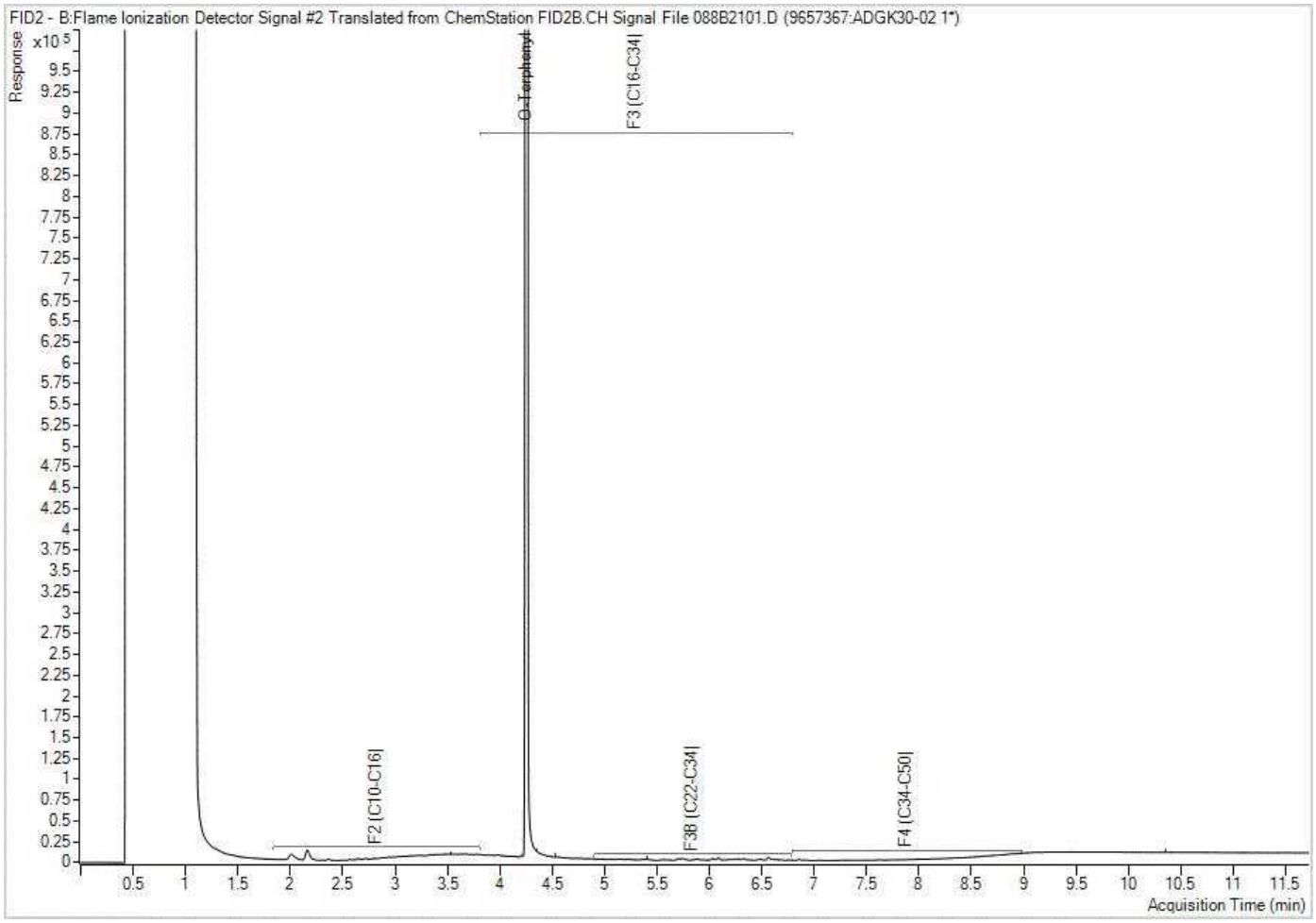
Note: This information is provided for reference purposes only. Should detailed chemist interpretation or fingerprinting be required, please contact the laboratory.

Petroleum Hydrocarbons F2-F4 in Soil Chromatogram



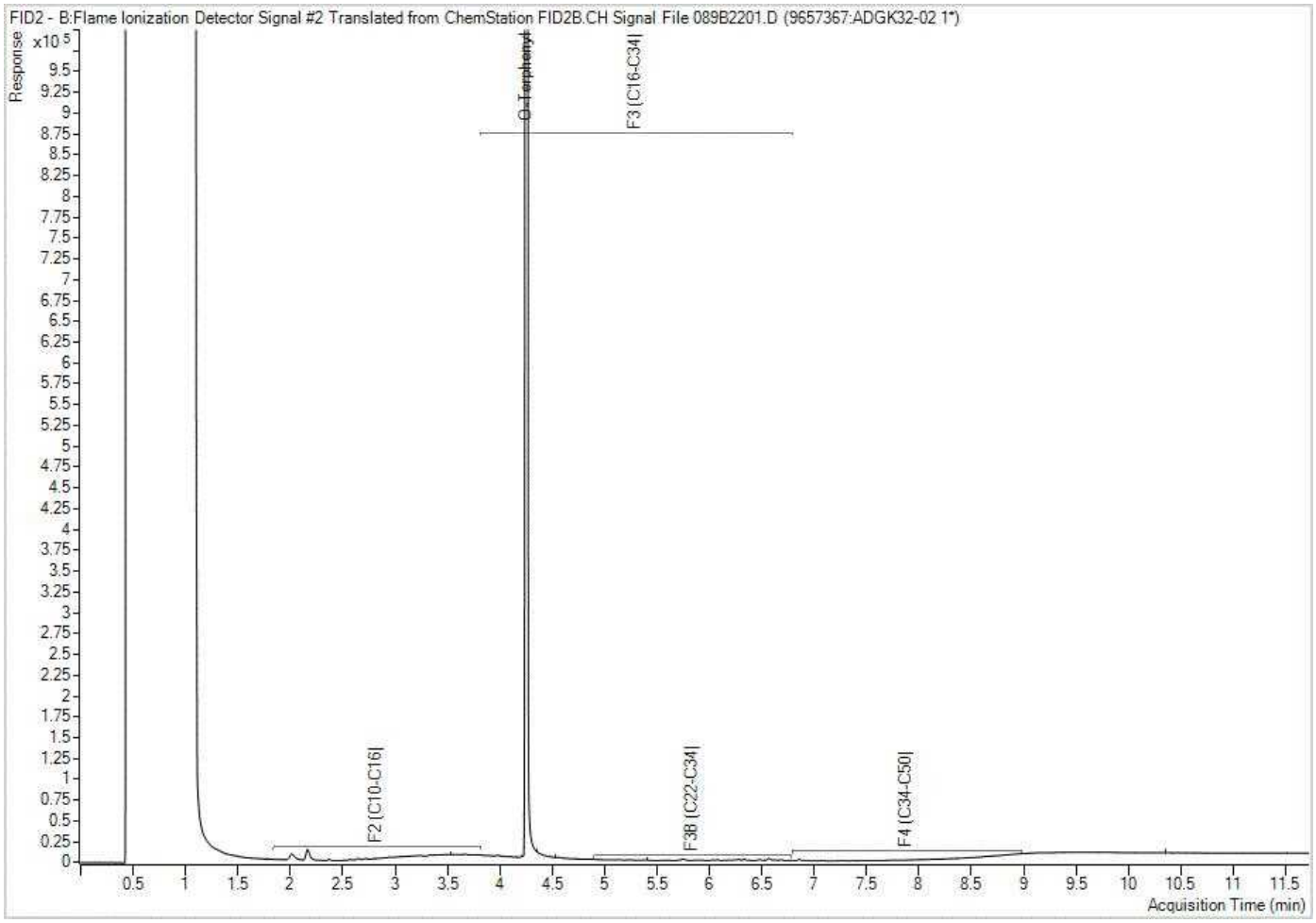
Note: This information is provided for reference purposes only. Should detailed chemist interpretation or fingerprinting be required, please contact the laboratory.

Petroleum Hydrocarbons F2-F4 in Soil Chromatogram



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

Petroleum Hydrocarbons F2-F4 in Soil Chromatogram

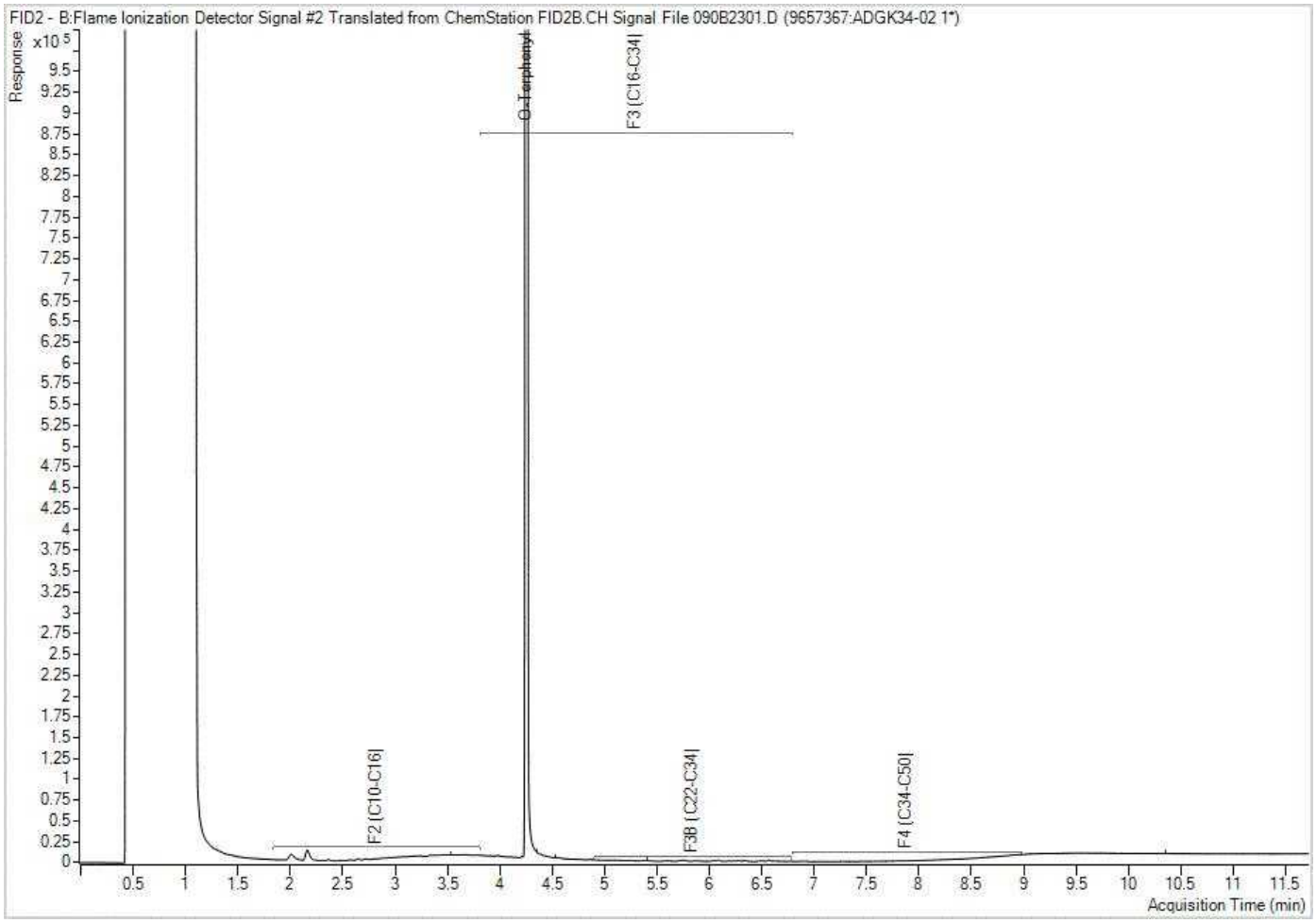


Note: This information is provided for reference purposes only. Should detailed chemist interpretation or fingerprinting be required, please contact the laboratory.

Bureau Veritas Job #: C4T2597
Report Date: 2024/10/10
Bureau Veritas Sample: ADGK34

Cambium Environmental Inc
Client Project #: 21199-001
Client ID: BH211-24_0.3-0.5

Petroleum Hydrocarbons F2-F4 in Soil Chromatogram

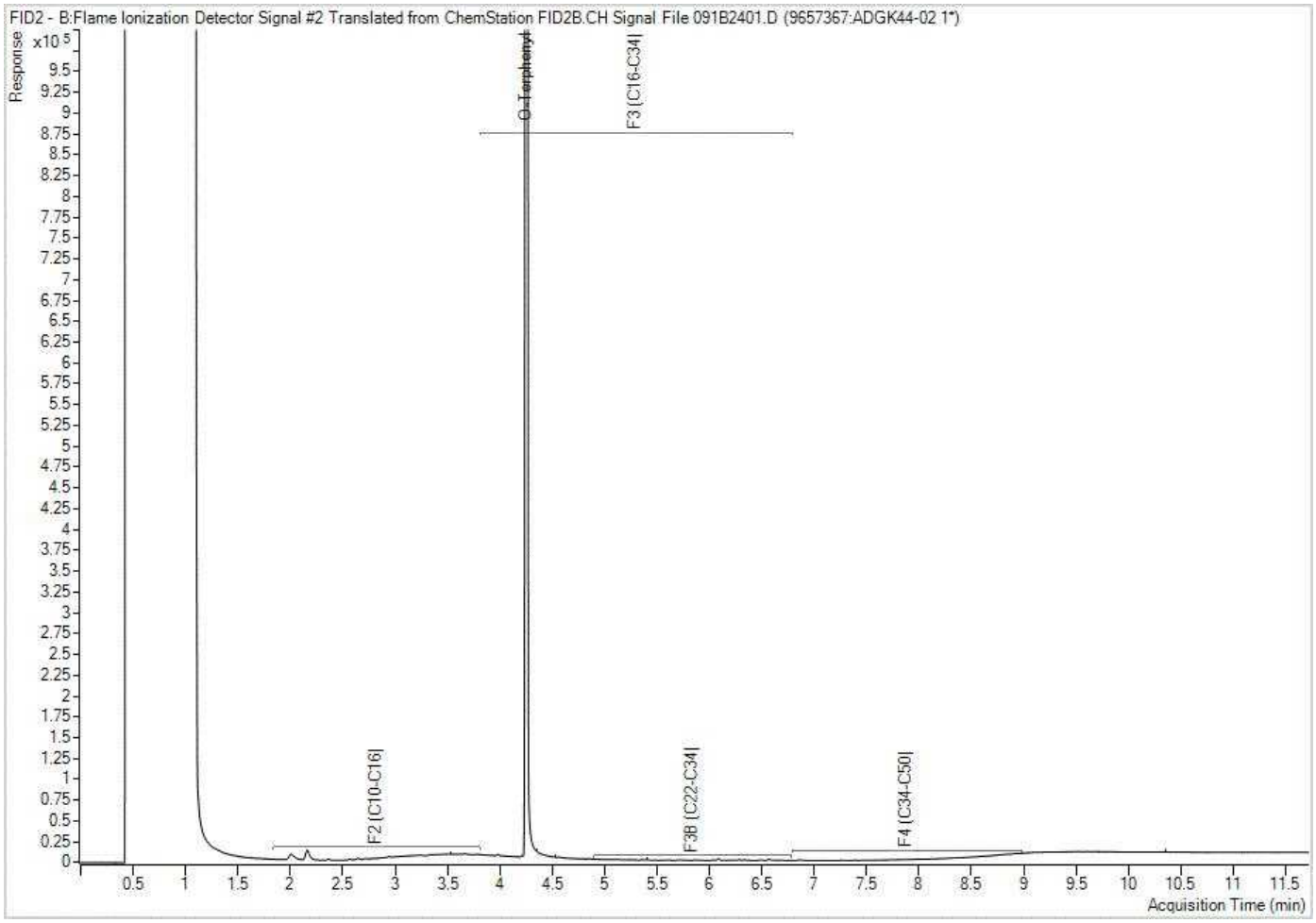


Note: This information is provided for reference purposes only. Should detailed chemist interpretation or fingerprinting be required, please contact the laboratory.

Bureau Veritas Job #: C4T2597
Report Date: 2024/10/10
Bureau Veritas Sample: ADGK44

Cambium Environmental Inc
Client Project #: 21199-001
Client ID: BH216-24_0.3-0.5

Petroleum Hydrocarbons F2-F4 in Soil Chromatogram

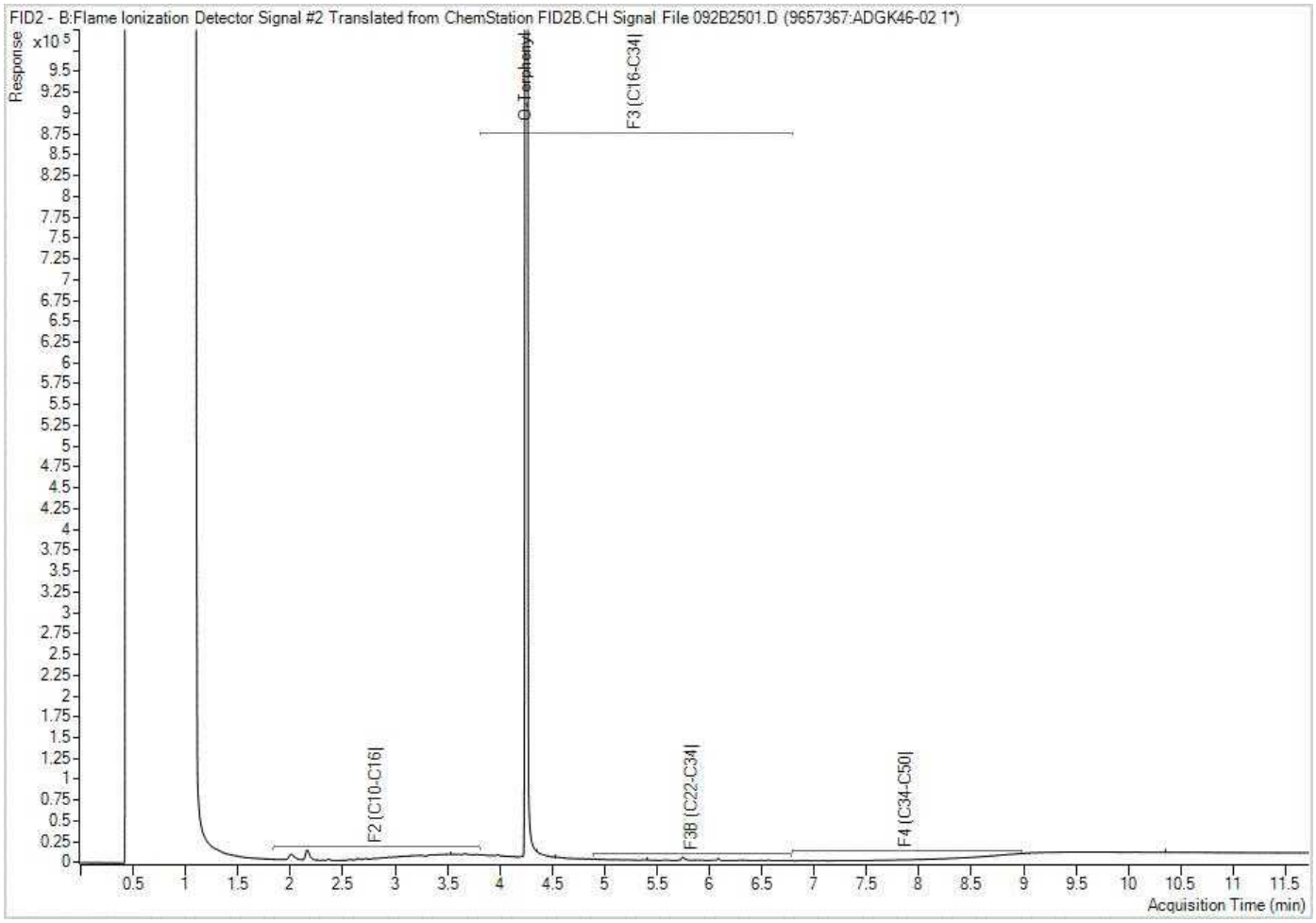


Note: This information is provided for reference purposes only. Should detailed chemist interpretation or fingerprinting be required, please contact the laboratory.

Bureau Veritas Job #: C4T2597
Report Date: 2024/10/10
Bureau Veritas Sample: ADGK46

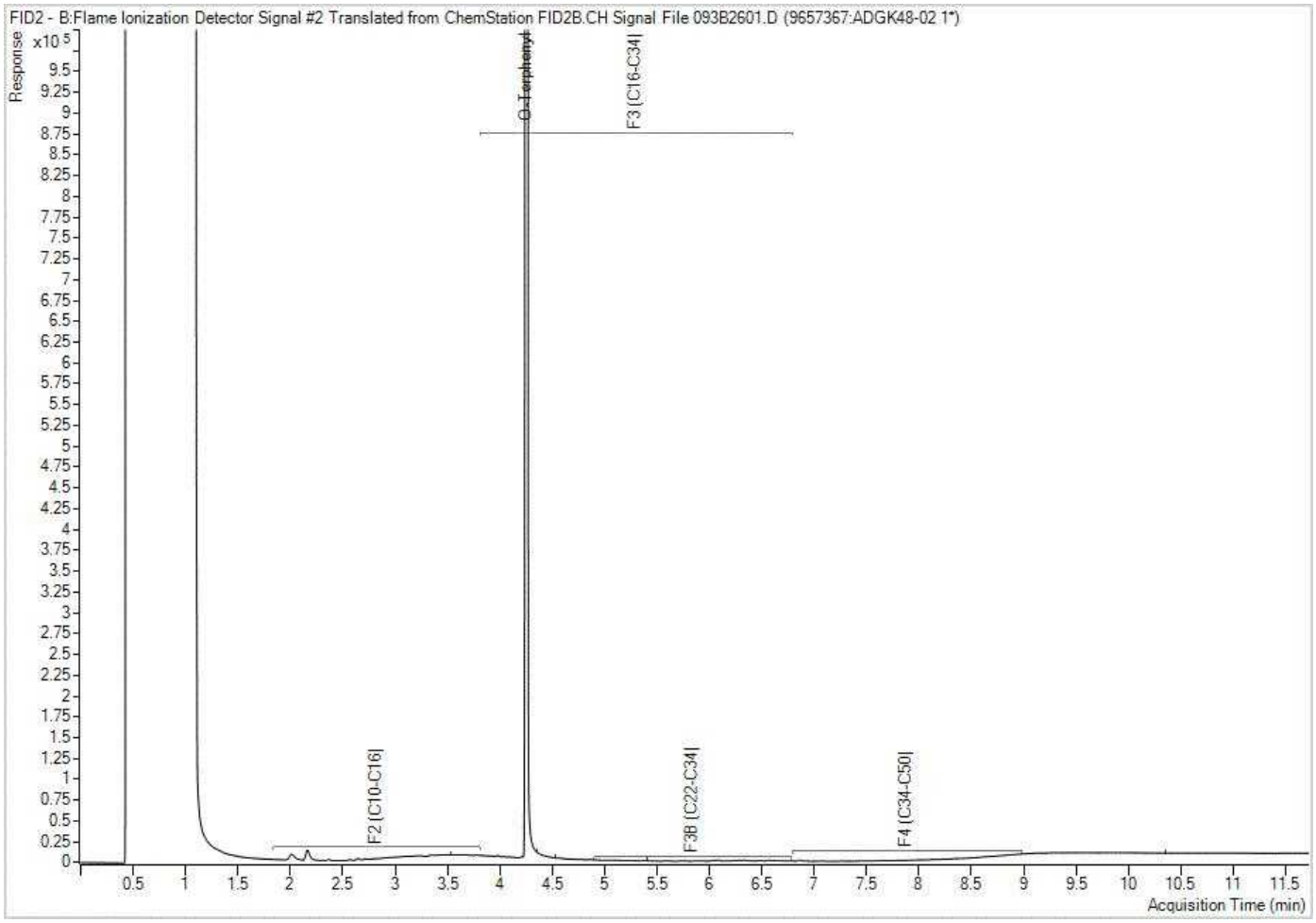
Cambium Environmental Inc
Client Project #: 21199-001
Client ID: BH217-24_0.3-0.5

Petroleum Hydrocarbons F2-F4 in Soil Chromatogram



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

Petroleum Hydrocarbons F2-F4 in Soil Chromatogram

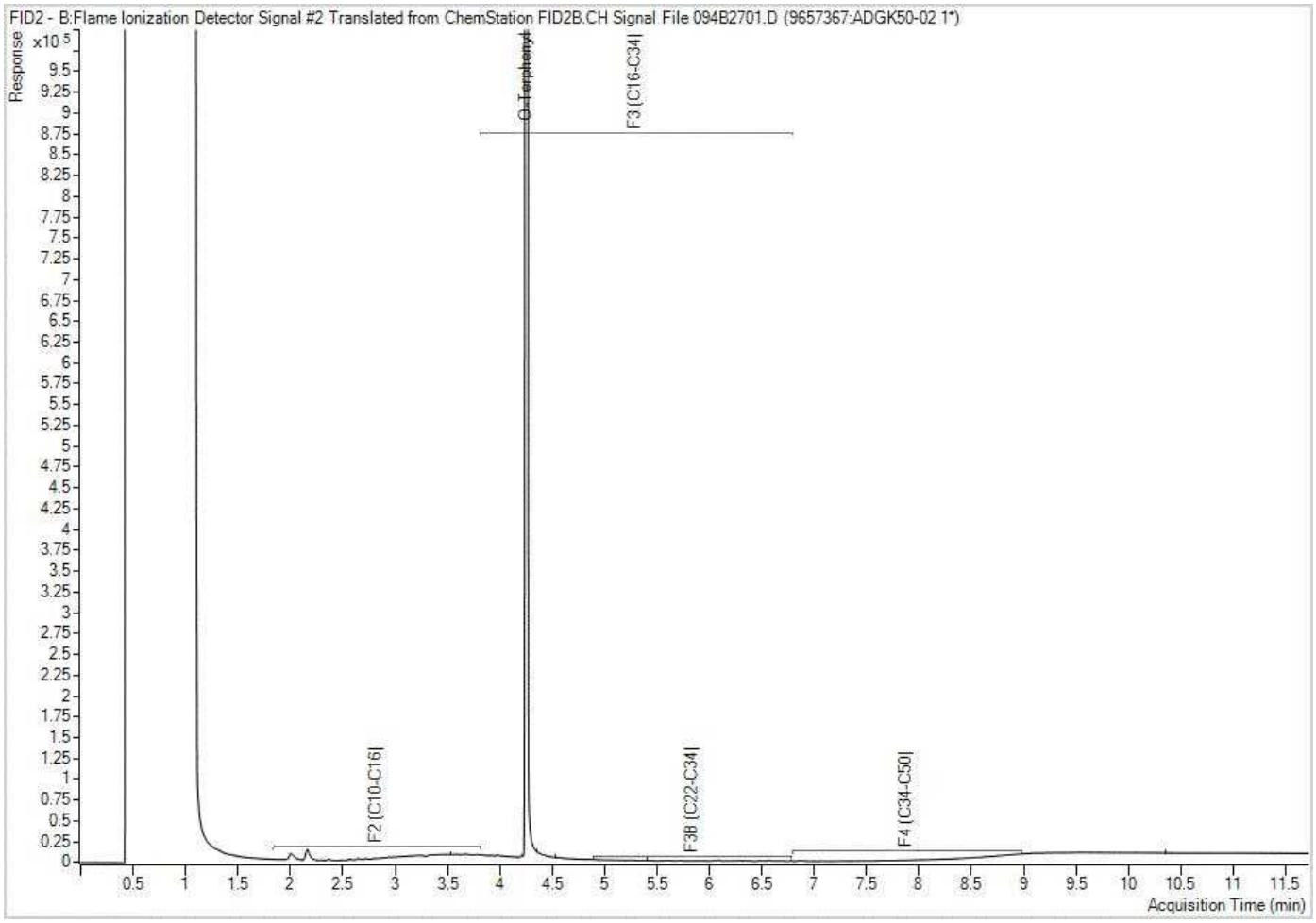


Note: This information is provided for reference purposes only. Should detailed chemist interpretation or fingerprinting be required, please contact the laboratory.

Bureau Veritas Job #: C4T2597
Report Date: 2024/10/10
Bureau Veritas Sample: ADGK50

Cambium Environmental Inc
Client Project #: 21199-001
Client ID: QA/QC1

Petroleum Hydrocarbons F2-F4 in Soil Chromatogram

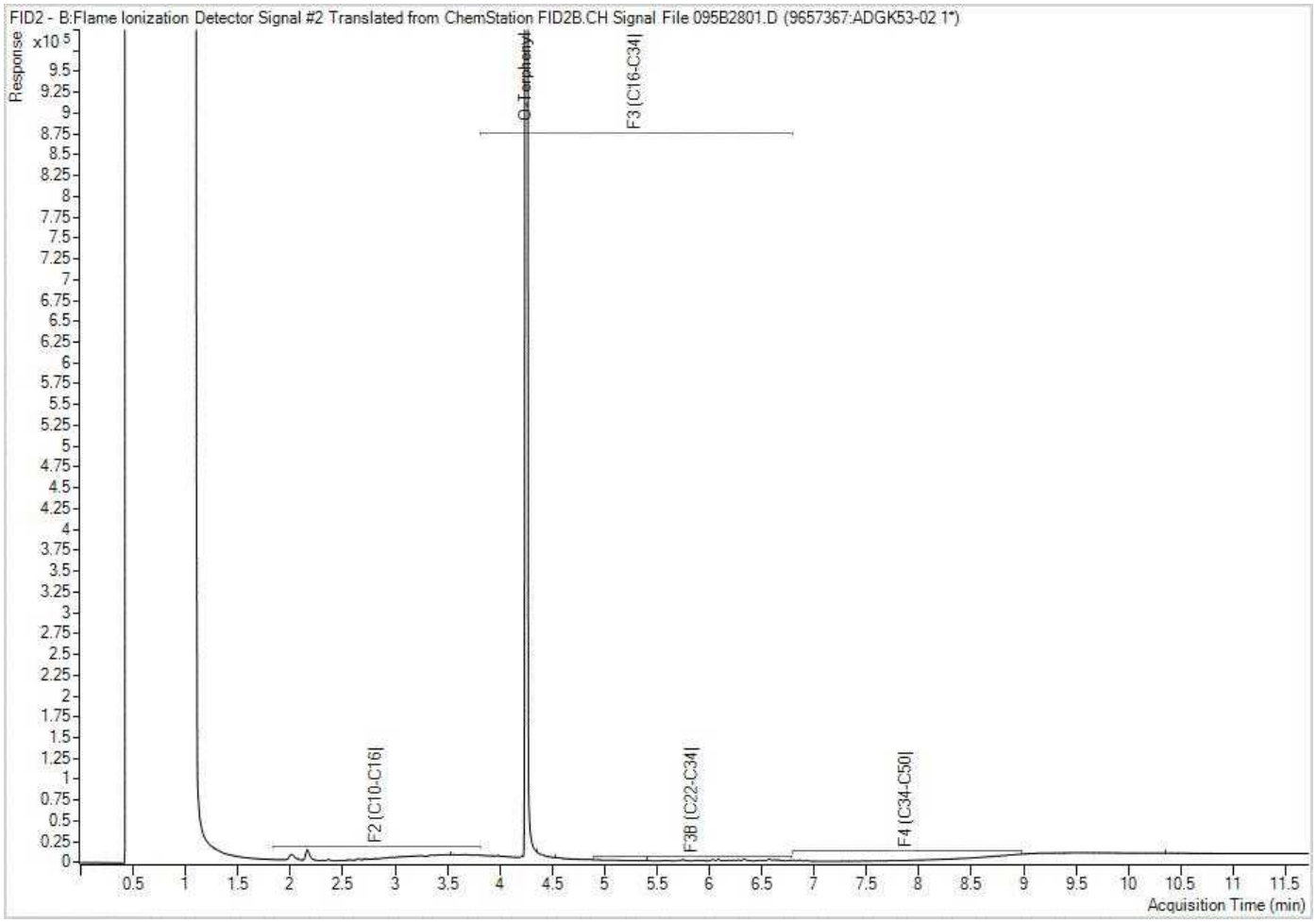


Note: This information is provided for reference purposes only. Should detailed chemist interpretation or fingerprinting be required, please contact the laboratory.

Bureau Veritas Job #: C4T2597
Report Date: 2024/10/10
Bureau Veritas Sample: ADGK53

Cambium Environmental Inc
Client Project #: 21199-001
Client ID: QA/QC3

Petroleum Hydrocarbons F2-F4 in Soil Chromatogram



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

Exceedance Summary Table – Reg153/04 T1-Soil/Agr

Result Exceedances

Sample ID	Bureau Veritas ID	Parameter	Criteria	Result	DL	UNITS
BH201-24_0.3-0.5	ADGK14-01	Acid Extractable Arsenic (As)	11	14	1.0	ug/g
BH201-24_0.3-0.5	ADGK14-01-Lab Dup	Acid Extractable Arsenic (As)	11	15	1.0	ug/g
BH201-24_0.3-0.5	ADGK14-01	o,p-DDE + p,p-DDE	0.05	0.49	0.20	ug/g
BH201-24_0.3-0.5	ADGK14-01	o,p-DDT + p,p-DDT	0.078	0.13	0.020	ug/g
BH201-24_0.3-0.5	ADGK14-01	p,p-DDE	0.05	0.49	0.20	ug/g
BH201-24_0.3-0.5	ADGK14-01	p,p-DDT	0.078	0.13	0.020	ug/g
BH201-24_0.5-0.7	ADGK15-01	o,p-DDE + p,p-DDE	0.05	0.16	0.020	ug/g
BH201-24_0.5-0.7	ADGK15-01	p,p-DDE	0.05	0.16	0.020	ug/g
BH202-24_0.5-0.7	ADGK16-01	o,p-DDE + p,p-DDE	0.05	0.052	0.020	ug/g
BH202-24_0.5-0.7	ADGK16-01	p,p-DDE	0.05	0.052	0.020	ug/g
BH202-24_0.7-0.9	ADGK17-01	o,p-DDE + p,p-DDE	0.05	0.060	0.010	ug/g
BH202-24_0.7-0.9	ADGK17-01	p,p-DDE	0.05	0.060	0.010	ug/g

The exceedance summary table is for information purposes only and should not be considered a comprehensive listing or statement of conformance to applicable regulatory guidelines.

Bureau Veritas 6740 Campobello Road, Mississauga, Ontario, L5N 2L8 Tel: (905) 817-5700 Toll-Free: 800-563-6266 Fax: (905) 817-5777 www.bvna.com