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Attention: Josh Way

Limited Phase II Environmental Site Assessment

Tecumseh Road East, Windsor, Ontario

Project Number
LON-24000090-B0

Prepared By:

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Date Submitted
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Executive Summary

EXP Services Inc. (EXP) was retained by Rock Developments Inc. to complete a Limited Phase II Environmental Site Assessment (ESA) relating to the proposed commercial development in Windsor, Ontario, Ontario, hereinafter referred to as the "Site". It is EXP's understanding that the Limited Phase II Environmental Site Assessment (ESA) was required for due diligence purposes and a Record of Site Condition (RSC) is not required at this time.

The Limited Phase II ESA was completed in general accordance to CSA Standard Z769-00, November 2001 (R 2018). Subject to this standard of care, EXP makes no express or implied warranties regarding its services and no third-party beneficiaries are intended. Limitation of liability, scope of report and third-party reliance are outlined in Section 7 of this report.

The Site is located on the north side of Tecumseh Road East, approximately 88 metres west of Parkview Ave, subset approximately 300 metres north from Tecumseh Road East in the City of Windsor, Ontario. Two (2) road extensions of Rose-Ville Garden Drive to the south of the Site and Cathrine Street to the east were also included in the Site boundary (Figure 2 – Site Plan). The Site is irregular in shape and measures approximately 14.6 hectares (36.1 acres) in area with a small lot frontage along Tecumseh Road East of 25m for a proposed Rose-Ville Garden Drive extension to the north and a small lot frontage along Catherine Street of 22m for a proposed Catherine Street extension to the west. At the time of the Site visit the property was vacant with the ground surface covered with early growth trees, reeds, and bushes, with some low-lying areas having shallow standing water.

Based on a review of historical aerial photographs, historical maps, and other records review, the Site was agricultural/vacant land from at least the early 1910s until the early 1950s when two (2) small buildings were observed near the west boundary of Site. By the early 1970s the buildings were no longer present. The Site remained relatively unchanged until the early 2000s when disturbed soil and evidence of fill mounding was present on the central portion of Site.

Historically, since at least the early 1910s, the surrounding area was predominantly agricultural/vacant land with single detached residential dwellings along Tecumseh Road East, and a railway abutting the Site to the north. By the early 1930s a railway siding was present approximately 250 metres to the west of the Site that curved eastward connecting to the railway just north of the Site. Into the early 1940s a residential neighbourhood was developed west of the railway siding. Commercial businesses had been established along Tecumseh Road East, south and west of Site in the 1950s including a lumber yard, a fuel station, and a tool & die company. The fuel station and tool & die company were no longer present by the late 1960s and the lumber yard remained until the early 2000s. Steel Master Tool-Division of Tecumseh Metal Prods was listed on the adjacent property to the south between at least 1968 and 1998. An additional residential neighbourhood had been developed north of Site in the mid 1970s. From the 1990s onward auto sale facilities were present west and south of Site into the late 2000s by which time large commercial stores including a Rona, The Home Depot, and Walmart had been established.

Based on a records review of the information a Limited Phase II ESA was recommended to assess potential impacts to the soil and groundwater conditions at the Site as a result of fill material of unknown quality being placed on the Site from a former contaminated metals products company that operated south adjacent to the Site.

The fieldwork for the Limited Phase II ESA was completed on February 16 and 20 to 22, 2024. Twenty-Eight (28) boreholes were advanced at the Site by Arrow Drilling under the full-time supervision of EXP staff. A track-mounted D50 traditional drill rig equipped with continuous flight ("standard") augers with split spoon samplers was used to advance all twenty-eight (28) of the boreholes. No petroleum-based greases or solvents were used during drilling activities. Boreholes were advanced to completion depths of approximately 2.0 to 6.7m (6.6 to 22 feet) below ground surface (bgs). Monitoring wells were installed in Boreholes 6 and 7 (BH6/MW and BH7/MW).

The general stratigraphy at the Site, as observed in the boreholes, consisted of topsoil/topsoil fill overlying sand and gravel or clayey silt fill, overlying clayey silt till to borehole termination.

Eight (8) soil samples recovered from Boreholes 1, 8, 10, 20, 22, 23, 26, & 28 (BH1 SA1, BH8 SA2, BH10 SA1, BH20 SA1, BH22 SA2, BH23 SA1, BH26 SA2, & BH28 SA1) were evaluated for metals & inorganics. Exceedances above the Table 2 SCSs of 1.4 mS/cm for electrical conductivity were detected in Boreholes 10, 23, & 26 at levels of **3.83 mS/cm**, **3.01 mS/cm** and **4.04 mS/cm**. A summary of the exceedances are outlined under section 4.2.6. All remaining metal & inorganic concentrations were measured at levels below the 2011 MECP Table 2 SCSs.

Eight (8) soil samples recovered from Boreholes 1, 8, 10, 20, 22, 23, 26, & 28 (BH1 SA1, BH8 SA2, BH10 SA1, BH20 SA1, BH22 SA2, BH23 SA1, BH26 SA2, & BH28 SA1) were evaluated for polycyclic aromatic hydrocarbons (PAHs). All PAH concentrations were measured at levels below the 2011 MECP Table 2 SCSs and in most cases were detected at levels below their respective laboratory Reported Detection Limits (RDLs).

Eight (8) soil samples recovered from Boreholes 3, 4, 6, 7, 8, 20, 23, & 26 (BH3 SA5, BH4 SA5, BH6 SA6, BH7 SA6, BH8 SA2, BH20 SA1, BH23 SA1, & BH26 SA2) were evaluated for volatile organic compounds (VOCs), including benzene, toluene, ethylbenzene, xylenes (BTEX). All VOC and BTEX concentrations were measured at levels below their respective laboratory RDLs and therefore the 2011 MECP Table 2 SCSs.

The above noted soil samples (BH3 SA5, BH4 SA5, BH6 SA6, BH7 SA6, BH8 SA2, BH20 SA1, BH23 SA1, & BH26 SA2) were also evaluated for Petroleum Hydrocarbons (PHCs) Fractions 1-4. All PHC concentrations were measured at levels below their respective laboratory RDLs and therefore the 2011 MECP Table 2 SCSs.

Two (2) soil samples recovered from Boreholes 14 and 24 (BH14 SA1 & BH24 SA1) were evaluated for organochlorine (OC) pesticides. All OC pesticide concentrations were measured at levels below their respective laboratory RDLs and therefore the 2011 MECP Table 2 SCSs.

A summary of soil/fill samples that exceeded the applicable 2011 MECP Table 2 SCSs is given in the following table:

Table 4.2: Summary of Soil Exceedances

Borehole soil sample #	Depth (m)	Parameter	MECP Table 2 SCS ICC Property Use	Result
BH10 SA1	0 – 0.6	Electrical Conductivity	1.4 mS/cm	**3.83 mS/cm**

Borehole soil sample #	Depth (m)	Parameter	MECP Table 2 SCS ICC Property Use	Result
BH23 SA1	0 – 0.6	Electrical Conductivity	1.4 mS/cm	**3.01 mS/cm**
BH26 SA2	0.8 – 1.2	Electrical Conductivity	1.4 mS/cm	**4.04 mS/cm**

The monitoring wells installed in Boreholes 6 and 7 (BH6/MW and BH7/MW) were developed on March 15, 2024 and sampled using low-flow sampling technology on March 20, 2024. Water samples obtained from the monitoring wells were clear, colourless and odourless with no light non-aqueous phase liquid present.

Two (2) groundwater samples recovered from monitoring wells BH6/MW and BH7/MW were submitted for analysis of VOCs, including BTEX. All VOC concentrations were measured at levels below their respective laboratory RDLs and therefore the 2011 MECP Table 2 SCSs.

The above noted groundwater samples were also submitted for analysis of PHCs, Fractions 1-4. All PHC fractions in the samples were measured at concentrations at levels below their respective laboratory RDLs the 2011 MECP Table 2 SCSs.

The findings of the Limited Phase II ESA identified that the soil and groundwater parameter concentrations at the Site were generally within the Table 2 SCS criteria for Industrial/Commercial/Community property use with fine to medium textured soils in a potable groundwater condition “Soil, Ground Water and Sediment Standards for Use Under Part XV.1 of the Environmental Protection Act” (“the SGWS Standards”), Ministry of the Environment, Conservation and Parks (MECP), July 1, 2011 (Ontario Regulation 153/04 as amended).

Three (3) of the eight (8) soil samples collected from the surficial/fill material at the Site had exceeding detections of electrical conductivity (EC) in soil. Elevated EC measurements detected in upper fill material or surficial soil are commonly from the application of road salt to the area, nearby walkways, parking lots, roadways etc. The road salt is for de-icing purposes where a substance has been applied to surfaces for the safety of vehicular or pedestrian traffic under conditions of snow or ice, or both. Although, the Site historically has been vacant/agricultural land, the fill material on the Site originated from the development of the property to the south where excess soils from the construction were placed within the Phase II ESA Site boundary. The source of the exceeding EC measurements likely originated from de-icing practices when that facility was operational.

The exceeding EC measurement at the Site does not pose a significant environmental concern to the property considering the proposed commercial usage of the Site. It is EXP opinion that this material can be left in place, encapsulated beneath the proposed parking lot or proposed structures. In the event that the fill material is to be removed from the area for Site leveling or the construction of footings, concrete slabs etc., an option would be to berm the material on the north part of the property, near the railway tracks, buried at a depth below 1.5 metres.

If however the fill material is to be removed from the property for off-site use, then it would have to be characterized under O. Reg 406/19 to determine an acceptable receiver Site.

It should be noted that as of January 1, 2023, the full implementation of the new regulations and procedures for the management of excess soils will come into effect under Ontario Regulation (O.Reg.) 406/19 (On-Site and Excess Soil Management) made under the Ontario Environmental Protection Act (O.EPA), which will greatly affect the transportation and re-use of excess soils off-site. In the event of future development of the Site, soils that will be removed from the Site should be analyzed to determine possible options for disposal or re-use. Any movement of soils and fill materials off-site must be completed in accordance with Ontario Regulations 406/19 and 347 (as amended) and all other applicable regulations and must meet the requirements of the receiver site.

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1 Introduction

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1.1 Background

The Site is located on the north side of Tecumseh Road East, approximately 88 metres west of Parkview Ave, subset approximately 300 metres north from Tecumseh Road East in the City of Windsor, Ontario. Two (2) road extensions of Rose-Ville Garden Drive to the south of the Site and Cathrine Street to the east were also included in the Site boundary (Figure 2 – Site Plan). The Site is irregular in shape and measures approximately 14.6 hectares (36.1 acres) in area with a small lot frontage along Tecumseh Road East of 25m for a proposed Rose-Ville Garden Drive extension to the north and a small lot frontage along Catherine Street of 22m for a proposed Catherine Street extension to the west. At the time of the Site visit the property was vacant with the ground surface covered with early growth trees, reeds, and bushes, with some low-lying areas having shallow standing water.

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Based on a records review of the information a Limited Phase II ESA was recommended to assess potential impacts to the soil and groundwater conditions at the Site as a result of fill material of unknown

quality being placed on the Site from a former contaminated metals products company that operated south adjacent to the Site.

1.2 Scope of Work

The proposed scope of work for the Limited Phase II ESA was as follows:

- Request local utility locating companies (cable, telephone, gas, hydro) to mark any underground utilities present at the Site;
- Retain a private utility locating company to mark any underground utilities present in the vicinity of the borehole locations and to clear the individual borehole locations;
- Advance a total of twenty-eight (28) boreholes on the property for environmental and geotechnical purposes;
- Collect representative soil samples for analysis of Metals & Inorganics, Volatile Organic Compounds (VOCs), including Benzene, Toluene, Ethylbenzene, Xylene (BTEX), Petroleum Hydrocarbons (PHCs), Polycyclic Aromatic Hydrocarbons (PAHs), Organochlorine Pesticides (OC Pesticides), and pH;
- Equip two (2) of the boreholes with groundwater monitoring wells;
- Develop and purge the monitoring wells and collect water samples for analysis of VOCs and PHCs;
- Prepare a report of the findings.

1.3 Site Assessment Criteria

The assessment criteria (Site Condition Standards (SCSs) applicable to a given site in Ontario are established under subsection 168.4(1) of the Environmental Protection Act. Tabulated generic criteria are provided in “Soil, Ground Water and Sediment Standards for Use Under Part XV.1 of the Environmental Protection Act” (“the SGWS Standards”), Ministry of the Environment, Conservation and Parks (MECP), effective July 1, 2011. These criteria are based on site sensitivity (sensitive or non-sensitive), ground water use (potable or non-potable), property use (residential, parkland, institutional, commercial, industrial, community and agricultural/other), soil type (coarse or medium/fine textured) and restoration depth (full or stratified restoration). In addition, site specific criteria may be established on the basis of the findings of a Risk Assessment carried out in accordance with Part IX and Schedule C of Ontario Regulation 153/04 (O.Reg.) 153/04), as amended.

The SGWS Standards specify SCSs for soil, groundwater and sediment that are tabulated as follows:

- Table 1 - Full Depth Background Site Condition Standards;
- Table 2 - Full Depth Generic Site Condition Standards in a Potable Groundwater Condition;
- Table 3 - Full Depth Generic Site Condition Standards in a Non-potable Groundwater Condition;
- Table 4 - Stratified Site Condition Standards in a Potable Groundwater Condition;
- Table 5 - Stratified Site Condition Standards in a Non-Potable Groundwater Condition;

- Table 6 - Generic Site Condition Standards for Shallow Soils in a Potable Groundwater Condition;
- Table 7 - Generic Site Condition Standards for Shallow Soils in a Non-Potable Groundwater Condition;
- Table 8 - Generic Site Condition Standards for use within 30 m of a Water Body in a Potable Groundwater Condition; and
- Table 9 - Generic Site Condition Standards for use within 30 m of a Water Body in a Non-Potable Groundwater Condition.

For assessment purposes, EXP selected the Table 2 Site Condition Standards (SCSs) for Industrial/Commercial/Community Property Use with fine and medium textured soils in a potable groundwater condition for the Site.

The selection of this category is based on the following factors:

- The Site is not considered a sensitive site;
- The surrounding area is not entirely serviced by the municipal domestic drinking water supply and some properties within the study area are serviced by private domestic potable wells;
- Site soils are comprised of clayey silt/silt soils (i.e. fine and medium grained)
- The property use of the Site is commercial with no planned land use change;
- There is no intention to carry out a stratified restoration at the Site.

2 Methodology

2.1 Drilling and Soil Sampling

Prior to the commencement of drilling activities, the locations of underground utilities including telephone, natural gas and electrical lines were marked out by a private utility locating service that also cleared the individual borehole locations. Public utility locates were also marked in the field, with locate documentation forwarded to our London office for reference.

The fieldwork for the Limited Phase II ESA was completed on February 16 and 20 to 22, 2024. Twenty-Eight (28) boreholes were advanced at the Site by Arrow Drilling under the full-time supervision of EXP staff. A track-mounted D50 traditional drill rig equipped with continuous flight ("standard") augers with split spoon samplers was used to advance all twenty-eight (28) of the boreholes. No petroleum-based greases or solvents were used during drilling activities. Boreholes were advanced to completion depths of approximately 2.0 to 6.7m (6.6 to 22 feet) below ground surface (bgs). Monitoring wells were installed in Boreholes 6 and 7 (BH6/MW and BH7/MW).

The approximate locations of the boreholes and monitoring wells are shown on Figure 2 (Borehole/Monitoring Well Location Plan). The rationale for the selection of boreholes was determined as follows:

- BH1, BH13, BH14, BH15, BH16, BH17, BH18, BH19, BH20, BH21, BH22, BH23, BH24, & BH28 – General fill area.
- BH2, BH3, BH4, BH5, BH6/MW, BH7/MW – Investigate south adjacent former metal products company.
- BH8, BH9, BH10, BH11, BH12, BH25, BH26, & BH27 – Investigate fill placement on Site at areas identified from historical records.

EXP continuously monitored the drilling activities to record the physical characteristics of the soil, depth of soil sample collection and total depth of boreholes. Field observations are summarized on the borehole logs provided in Appendix A. Representative soil samples were recovered in the overburden of the boreholes at regular intervals using a continuous core sampler with PVC liners. No visual and/or olfactory evidence of environmental impact was noted.

Dedicated Nitrile gloves (i.e., one pair per sample) were used during sample handling. A portion of each soil core was placed in a sealed plastic bag and allowed to reach ambient temperature prior to field screening using a combined RKI Eagle II total combustible vapour meter & total organic vapour meter, recently calibrated with hexane & isobutylene. The measurements were made by inserting the instrument's probe into the plastic bag while manipulating the sample to ensure volatilization of the soil gases. These readings provide a real-time indication of the relative concentration of combustible vapours encountered in the subsurface during drilling and are used to aid in the assessment of the vertical and horizontal extent of contamination and the selection of soil samples for analysis. The vapour readings, in parts per million (ppm), are provided on the borehole logs in Appendix A. These samples were subsequently delivered to EXP's laboratory for visual, textural and olfactory classification. Collected soil samples were stored in laboratory-supplied hermetically sealed, soil core samplers and glass jars.

Soil samples intended for analysis of Volatile Organic Compounds (VOCs), including Benzene, Toluene, Ethylbenzene, and Xylene (BTEX) were collected by means of core samplers. The core samplers provide a soil sample with virtually no head-space thus reducing the potential for induced volatilization during storage and transport to the laboratory. Individual core samplers were used to collect a soil sample at each interval. Samples collected by the core sampler were injected into a vial containing methanol and the vial immediately capped. By being submerged in the methanol, volatilization of VOCs within the soil sample is reduced prior to analysis.

Soil samples intended for analysis of non-volatile chemical parameters were placed directly into pre-cleaned, laboratory supplied glass jars.

All soil samples were placed in clean ice-packed coolers prior to and during transportation to the subcontract laboratory, AGAT Laboratories. The samples were transported/submitted under Chain of Custody documentation.

Soil samples were selected for laboratory analysis on the basis of their visual or olfactory evidence of impacts or potential water-bearing zones. The soil samples submitted for laboratory analysis are summarized in the following table:

Table 2.1: Summary of Soil Samples Submitted for Chemical Analyses

Sample Identification	Depth (m bgs)	Rationale for Sample	Analysis
BH1 SA1	0 – 0.6	Fill Material (Cathrine Street extension)	M&Is, PAHs
BH3 SA5	3.1 – 3.5	Inferred Water Table (Rose-Ville Garden Drive)	VOCs, PHCs
BH4 SA5	3.1 – 3.5	Inferred Water Table (Rose-Ville Garden Drive)	VOCs, PHCs
BH6/MW SA6	4.6 – 5.0	Inferred Water Table (adjacent to former Industrial property to the south - proposed parking lot)	VOCs, PHCs
BH7/MW SA7	6.1 – 6.5	Inferred Water Table (adjacent to former Industrial to the south – gas bar)	VOCs, PHCs, pH
BH8 SA2	0.8 – 1.2	Fill Material (proposed Gas Bar)	VOCs, PHCs, M&Is, PAHs
BH10 SA1	0 – 0.6	Fill Material (proposed parking lot)	M&Is, PAHs

Sample Identification	Depth (m bgs)	Rationale for Sample	Analysis
BH14 SA1	0 – 0.6	General Coverage for Former Agricultural Land Use (proposed parking lot)	OC Pesticides
BH20 SA1	0 – 0.6	General coverage (proposed building footprint)	VOCs, PHCs, M&Is, PAHs
BH22 SA1	0.8 – 1.2	Fill Material (proposed building footprint)	M&Is, PAHs
BH23 SA1	0 – 0.6	Fill Material (proposed building footprint)	VOCs, PHCs, M&Is, PAHs
BH24 SA1	0 – 0.6	General Coverage for Former Agricultural Land Use (proposed parking lot)	OC Pesticides
BH26 SA2	0.8 – 1.2	Fill Material (proposed building footprint)	VOCs, PHCs, M&Is, PAHs
BH28 SA1	0 – 0.6	North Boundary (adjacent to railway)	M&Is, PAHs

Note:
VOCs = Volatile Organic Compounds
PHCs = Petroleum Hydrocarbons
M&Is = Metals & Inorganics
PAHs = Polycyclic Aromatic Hydrocarbons
OC Pesticides = Organochlorine Pesticides

2.2 Groundwater Sampling

Groundwater monitoring wells were installed in Boreholes 6 and 7 (BH6/MW and BH7/MW) at the Site. The monitoring wells were installed in general accordance with the Ontario Water Resources Act - R.R.O. 1990, Regulation 903 - Amended to O. Reg. 128/03 and were installed by a licensed well contractor (“Direct Environmental Drilling”).

The monitoring wells installed on-Site were constructed of 50 mm Schedule 40 PVC screen and riser. 3.1m long screens and an appropriate length of riser pipe were used in the well construction. Details of the individual well installation are provided on the borehole logs in Appendix A. The well screen has a slot size of approximately 0.25 mm (slot 10) and was sealed at the base with a PVC end cap. The annular space around each well screen was backfilled with #3 silica sand to an average height of 0.3 m above the top of the screen. The sand pack was extended above the screen to allow for compaction of the sand pack and expansion of the overlying well seal. A granular Bentonite (“Hole Plug”) seal was placed in the borehole annulus from the top of the sand pack to just below ground surface. The well

was finished at surface with a stick up well casing. The void within the casing was also filled with #3 silica sand. Lubricants and adhesives were not used when constructing the monitoring well.

The monitoring wells installed in Boreholes 6 and 7 (BH6/MW and BH7/MW) were developed on March 15, 2024 and sampled using low-flow sampling technology on March 20, 2024. Water samples obtained from the monitoring wells were clear, colourless and odourless with no light non-aqueous phase liquid present. Once the geochemical parameters were found to be stabilized (based on electronic multi-meter readings) and/or at a drawdown of greater than 10cm, groundwater samples were collected from the monitoring wells, placed into laboratory-supplied glass jars, immediately placed in a clean ice packed cooler and submitted under chain of custody procedures to AGAT Laboratories for analysis of VOCs and PHCs (Fractions F1-F4).

Details of the analysis performed on the selected groundwater samples are summarized in the following table:

Table 2.2: Groundwater Samples Submitted for Analysis

Sample Identification	Analysis
BH6/MW	VOCs/PHCs
BH7/MW	VOCs/PHCs

Note:
PHC = Petroleum Hydrocarbons
VOCs = Volatile Organic Compounds

3 Findings

3.1 Subsurface Conditions

The detailed soil profiles encountered in each borehole are provided on the attached borehole logs (Appendix A). Boundaries of soil indicated on the log sheets are intended to reflect transition zones for the purpose of environmental assessment and should not be interpreted as exact planes of geological change. The general stratigraphy at the Site, as observed in the boreholes, consisted of topsoil/topsoil fill overlying sand and gravel or clayey silt fill, overlying clayey silt till to borehole termination.

3.1.1 Topsoil

All boreholes except BH8, BH10, BH11, BH17, BH23, BH26 and BH27 were surfaced with a layer of topsoil. The topsoil ranged between 50 and 350 mm in thickness.

3.1.2 Fill Materials

A sand and gravel fill layer was encountered at surface or underlaying the above noted topsoil in Boreholes 2, 8, 10, 11, 23, 25, 26, & 27 to depths of 0.2 to 0.7m bgs. The sand and gravel fill was described as brown to light brown with trace to some silt.

Clayey silt fill was encountered at surface in Borehole 17 and underlaying the above noted material in Boreholes 1, 4 to 10, 15, 16, 18 and 21 to 26 to depths of 0.6 to 2.3m bgs. The clayey silt fill was typically described as brown in colour, mottled and contained trace to some sand, trace gravel, and had trace organic material (rootlets, decaying vegetation etc.,) or topsoil inclusions. Construction debris and occasional cobbles were observed in some boreholes within this fill layer.

An additional layer of sand and gravel fill was encountered underlying the clayey silt fill in Borehole 24 to a depth of 0.8m bgs.

A 300 mm thick buried topsoil layer was observed below the sand and gravel fill layer in BH2.

No petroleum odours or staining were noted in any of the fill samples recovered from the boreholes.

3.1.3 Native Materials

Clayey silt till was encountered underlying the above noted material all of the boreholes to termination depths of 2.0 to 6.7m bgs. The clayey silt till layer was described as brown, mottled in the upper level and contained trace sand, trace gravel and occasional cobbles. The clayey silt till turned grey between 3.0 to 5.6m bgs.

No petroleum odours or staining were noted in any of the native soil samples recovered from the boreholes.

3.2 Total Combustible Vapour Readings

Field screening involved using an RKI Eagle II total combustible vapour meter to measure the total combustible vapour (TCV) concentrations in part per million (ppm). The headspace readings were obtained by inserting the plastic tube of the device into the soil sample bag and recording the readings.

The results are presented on the attached borehole logs. As indicated, vapour concentrations detected in the soil samples from the boreholes were 0ppm and are indicative of natural background conditions.

3.3 Groundwater Elevations

The depth to groundwater was measured in the monitoring wells during the March 20, 2024 water sampling event. Groundwater elevations relative to the top of ground surface are illustrated on the borehole logs in Appendix A and are summarized in the following table:

Table 3.3: Summary of Ground Water Levels

Well No.	Elevation (m) (Ground Surface)	Water Table Depth (m)	Groundwater Elevation (m)
BH6/MW	180.25	0.85	179.40
BH7/MW	181.15	0.84	180.31

Groundwater level measurements were taken on March 20, 2024. It should be noted that only a single round of measurements were taken and the existence of equilibrium conditions (quasi-static water levels) has not been confirmed.

4 Soil and Groundwater Quality

4.1 General

In accordance with the scope of work, chemical analyses were performed on selected soil samples recovered from the boreholes. The selection of representative "worst case" soil samples from each borehole was based on field screening for organic vapours and visual or olfactory evidence of impacts as detailed in Table 2.1.

4.2 Soil/Fill Quality

Copies of the laboratory Certificates of Analysis for the tested soil samples are provided in Appendix B. The 2011 MECP Table 2 Site Condition Standards (SCSs) Industrial/Commercial/Community Property Use with fine and medium textured soils in a potable groundwater condition are included on the Certificates of Analysis.

The 2011 MECP Table 2 SCSs are considered suitable for use if soil pH is in the range of 5 to 9 for surface soil (less than 1.5m below soil surface) and 5 to 11 for subsurface soil (greater than 1.5 m below soil surface). The Certificates of Analysis include pH measurements taken from surface samples (BH1 SA1, BH8 SA2, BH10 SA1, BH20 SA1, BH22 SA2, BH23 SA1, BH26 SA2, & BH28 SA1) and a subsurface sample (BH7/MW SA6). The reported pH value of between 6.58 & 7.07 in the surface soil sample and 7.02 in the subsurface soil sample is within the acceptable range for the use of the Table 2 SCSs.

4.2.1 Metals & Inorganics

Eight (8) soil samples recovered from Boreholes 1, 8, 10, 20, 22, 23, 26, & 28 (BH1 SA1, BH8 SA2, BH10 SA1, BH20 SA1, BH22 SA2, BH23 SA1, BH26 SA2, & BH28 SA1) were evaluated for metals & inorganics. Exceedances above the Table 2 SCSs of 1.4 mS/cm for electrical conductivity were detected in Boreholes 10, 23, & 26 at levels of **3.83 mS/cm**, **3.01 mS/cm** and **4.04 mS/cm**. A summary of the exceedances are outlined under section 4.2.6. All remaining metal & inorganic concentrations were measured at levels below the 2011 MECP Table 2 SCSs.

4.2.2 Polycyclic Aromatic Hydrocarbons

Eight (8) soil samples recovered from Boreholes 1, 8, 10, 20, 22, 23, 26, & 28 (BH1 SA1, BH8 SA2, BH10 SA1, BH20 SA1, BH22 SA2, BH23 SA1, BH26 SA2, & BH28 SA1) were evaluated for polycyclic aromatic hydrocarbons (PAHs). All PAH concentrations were measured at levels below the 2011 MECP Table 2 SCSs and in most cases were detected at levels below their respective laboratory Reported Detection Limits (RDLs).

4.2.3 Volatile Organic Compounds, including Benzene, Toluene, Ethylbenzene and Xylene

Eight (8) soil samples recovered from Boreholes 3, 4, 6, 7, 8, 20, 23, & 26 (BH3 SA5, BH4 SA5, BH6 SA6, BH7 SA6, BH8 SA2, BH20 SA1, BH23 SA1, & BH26 SA2) were evaluated for volatile organic compounds (VOCs), including benzene, toluene, ethylbenzene, xylenes (BTEX). All VOC and BTEX

concentrations were measured at levels below their respective laboratory RDLs and therefore the 2011 MECP Table 2 SCSs.

4.2.4 Petroleum Hydrocarbons (Fractions F1-F4)

The above noted soil samples (BH3 SA5, BH4 SA5, BH6 SA6, BH7 SA6, BH8 SA2, BH20 SA1, BH23 SA1, & BH26 SA2) were also evaluated for Petroleum Hydrocarbons (PHCs) Fractions 1-4. All PHC concentrations were measured at levels below their respective laboratory RDLs and therefore the 2011 MECP Table 2 SCSs.

4.2.5 Organochlorine Pesticides

Two (2) soil samples recovered from Boreholes 14 and 24 (BH14 SA1 & BH24 SA1) were evaluated for organochlorine (OC) pesticides. All OC pesticide concentrations were measured at levels below their respective laboratory RDLs and therefore the 2011 MECP Table 2 SCSs.

4.2.6 Summary of Soil Sample Parameter Exceedances

A summary of soil/fill samples that exceeded the applicable 2011 MECP Table 2 SCSs is given in the following table:

Table 4.2: Summary of Soil Exceedances

Borehole soil sample #	Depth (m)	Parameter	MECP Table 2 SCS ICC Property Use	Result
BH10 SA1	0 – 0.6	Electrical Conductivity	1.4 mS/cm	**3.83 mS/cm**
BH23 SA1	0 – 0.6	Electrical Conductivity	1.4 mS/cm	**3.01 mS/cm**
BH26 SA2	0.8 – 1.2	Electrical Conductivity	1.4 mS/cm	**4.04 mS/cm**

4.3 Groundwater Quality

Copies of the laboratory Certificates of Analysis for the groundwater samples are provided in Appendix C. The 2011 MECP Table 2 SCSs Industrial/Commercial/Community with medium and fine textured soils are included on the Certificates of Analysis.

The monitoring wells installed in Boreholes 6 and 7 (BH6/MW and BH7/MW) were developed on March 15, 2024 and sampled using low-flow sampling technology on March 20, 2024. Water samples obtained from the monitoring wells were clear, colourless and odourless with no light non-aqueous phase liquid present.

4.3.1 Volatile Organic Compounds, including Benzene, Toluene, Ethylbenzene and Xylenes

Two (2) groundwater samples recovered from monitoring wells BH6/MW and BH7/MW were submitted for analysis of VOCs, including BTEX. All VOC concentrations were measured at levels below their respective laboratory RDLs and therefore the 2011 MECP Table 2 SCSs.

4.3.2 Petroleum Hydrocarbons (Fractions F1-F4)

The above noted groundwater samples were also submitted for analysis of PHCs, Fractions 1-4. All PHC fractions in the samples were measured at concentrations at levels below their respective laboratory RDLs the 2011 MECP Table 2 SCSs.

4.3.4 Quality Assurance

Details regarding quality assurance measures taken in the field, including instrument calibration, decontamination procedures, use of dedicated equipment, sample storage and Chain of Custody documentation are provided in Section 2, Methodology.

The subcontract laboratory used during this investigation, AGAT Laboratories, is accredited by the Standards Council of Canada/Canadian Association of Environmental Analytical Laboratories (Accredited Laboratory No. 665) in accordance with ISO/IEC 17025:2005 – "General Requirements for the Competence of Testing and Calibration Laboratories" for the analysis of all parameters for which SCS have been established under Ontario Regulation 153/04.

The "Protocol for Analytical Methods Used in the Assessment of Properties under Part XV.1 of the Environmental Protection Act" ("the Analytical Protocol"), MECP, March 2004, establishes criteria used in assessing the performance of analytical laboratories. These include maximum hold times for the extraction (where applicable) and analysis of samples, required methods of analysis, Required Detection Limits (RDLs), fixed recovery ranges for spiked samples and surrogates (compounds added to water samples in known concentrations for calibration purposes), quantified precision required when analyzing laboratory duplicate samples ("Between Run Precision") and the analysis of method blanks.

All samples were extracted, where applicable, and analyzed within the hold times established under the Analytical Protocol. These analytical results comprise portions of the Certificates of Analysis in Appendix B and Appendix C.

5 Conclusions and Recommendations

The findings of the Limited Phase II ESA identified that the soil and groundwater parameter concentrations at the Site were generally within the Table 2 SCS criteria for Industrial/Commercial/Community property use with fine to medium textured soils in a potable groundwater condition "Soil, Ground Water and Sediment Standards for Use Under Part XV.1 of the Environmental Protection Act" ("the SGWS Standards"), Ministry of the Environment, Conservation and Parks (MECP), July 1, 2011 (Ontario Regulation 153/04 as amended).

Three (3) of the eight (8) soil samples collected from the surficial/fill material at the Site had exceeding detections of electrical conductivity (EC) in soil. Elevated EC measurements detected in upper fill material or surficial soil are commonly from the application of road salt to the area, nearby walkways, parking lots, roadways etc. The road salt is for de-icing purposes where a substance has been applied to surfaces for the safety of vehicular or pedestrian traffic under conditions of snow or ice, or both. Although, the Site historically has been vacant/agricultural land, the fill material on the Site originated from the development of the property to the south where excess soils from the construction were placed within the Phase II ESA Site boundary. The source of the exceeding EC measurements likely originated from de-icing practices when that facility was operational.

The exceeding EC measurement at the Site does not pose a significant environmental concern to the property considering the proposed commercial usage of the Site. It is EXP opinion that this material can be left in place, encapsulated beneath the proposed parking lot or proposed structures. In the event that the fill material is to be removed from the area for Site leveling or the construction of footings, concrete slabs etc., an option would be to berm the material on the north part of the property, near the railway tracks, buried at a depth below 1.5 metres.

If however the fill material is to be removed from the property for off-site use, then it would have to be characterized under O. Reg 406/19 to determine an acceptable receiver Site.

It should be noted that as of January 1, 2023, the full implementation of the new regulations and procedures for the management of excess soils will come into effect under Ontario Regulation (O.Reg.) 406/19 (On-Site and Excess Soil Management) made under the Ontario Environmental Protection Act (O.EPA), which will greatly affect the transportation and re-use of excess soils off-site. In the event of future development of the Site, soils that will be removed from the Site should be analyzed to determine possible options for disposal or re-use. Any movement of soils and fill materials off-site must be completed in accordance with Ontario Regulations 406/19 and 347 (as amended) and all other applicable regulations and must meet the requirements of the receiver site.

6 References

This study was conducted in accordance with the applicable Regulations, Guidelines, Policies, Standards, Protocols and Objectives administered by the Ministry of the Environment. Specific reference is made to the following:

- "*Guideline on Sampling and Analytical Methods for Use at Contaminated Sites in Ontario*", Ministry of the Environment of Ontario, December 1996;
- *The Ontario Water Resources Act - R.R.O. 1990, Regulation 903 - Amended to O. Reg. 128/03*, August 2003;
- *"Soil, Ground Water and Sediment Standards for Use Under Part XV.1 of the Environmental Protection Act"*, 2011;
- *"Protocol for Analytical Methods Used in the Assessment of Properties under Part XV.1 of the Environmental Protection Act",* March 2004;
- *Ontario Regulation 153/04 (made under the Environmental Protection Act),* May 2004 (MECP) amended by Regulation 511/09;
- *Environmental Protection Act*, R.S.O. 1990, Chapter E.19, as amended, September 2004.

7 General Limitations

The information presented in this report is based on a limited investigation designed to provide information to support an assessment of the current environmental conditions within the subject property. The conclusions and recommendations presented in this report reflect Site conditions existing at the time of the investigation.

More specific information with respect to the conditions between samples, or the lateral and vertical extent of materials may become apparent during excavation operations. The interpretation of the borehole information must, therefore, be validated during any such excavation operations. Consequently, during the future development of the property, conditions not observed during this investigation may become apparent. Should this occur, exp Services Inc. should be contacted to assess the situation, and the need for additional testing and reporting. EXP has qualified personnel to provide assistance in regards to any future geotechnical and environmental issues related to this property.

The environmental investigation was carried out to address the intent of applicable provincial Regulations, Guidelines, Policies, Standards, Protocols and Objectives administered by the MECP. It should also be noted that current environmental Regulations, Guidelines, Policies, Standards, Protocols and Objectives are subject to change, and such changes, when put into effect, could alter the conclusions and recommendations noted throughout this report. Achieving the study objectives stated in this report has required us to arrive at conclusions based upon the best information presently known to us. No investigative method can completely eliminate the possibility of obtaining partially imprecise or incomplete information; it can only reduce the possibility to an acceptable level. Professional judgment was exercised in gathering and analyzing the information obtained and in the formulation of the conclusions. Like all professional persons rendering advice we do not act as absolute insurers of the conclusions we reach, but we commit ourselves to care and competence in reaching those conclusions.

Our undertaking at EXP Services Inc, therefore, is to perform our work within limits prescribed by our clients, with the usual thoroughness and competence of the engineering profession. It is intended that the outcome of this investigation assist in reducing the client's risk associated with environmental impairment. Our work should not be considered 'risk mitigation'. No other warranty or representation, either expressed or implied, is included or intended in this report.

This report was prepared for the exclusive use of **Rock Developments Inc** and may not be reproduced in whole or in part, without the prior written consent of EXP, or used or relied upon in whole or in part by other parties for any purposes whatsoever. Any use which a third party makes of this report, or any part thereof, or any reliance on or decisions to be made based on it, are the responsibility of such third parties. EXP accepts no responsibility for damages, if any, suffered by any third party as a result of decisions made or actions based on this report.

8 Closure

We trust this report satisfies your immediate requirements. If you have any questions regarding the information in this report, please do not hesitate to contact this office.

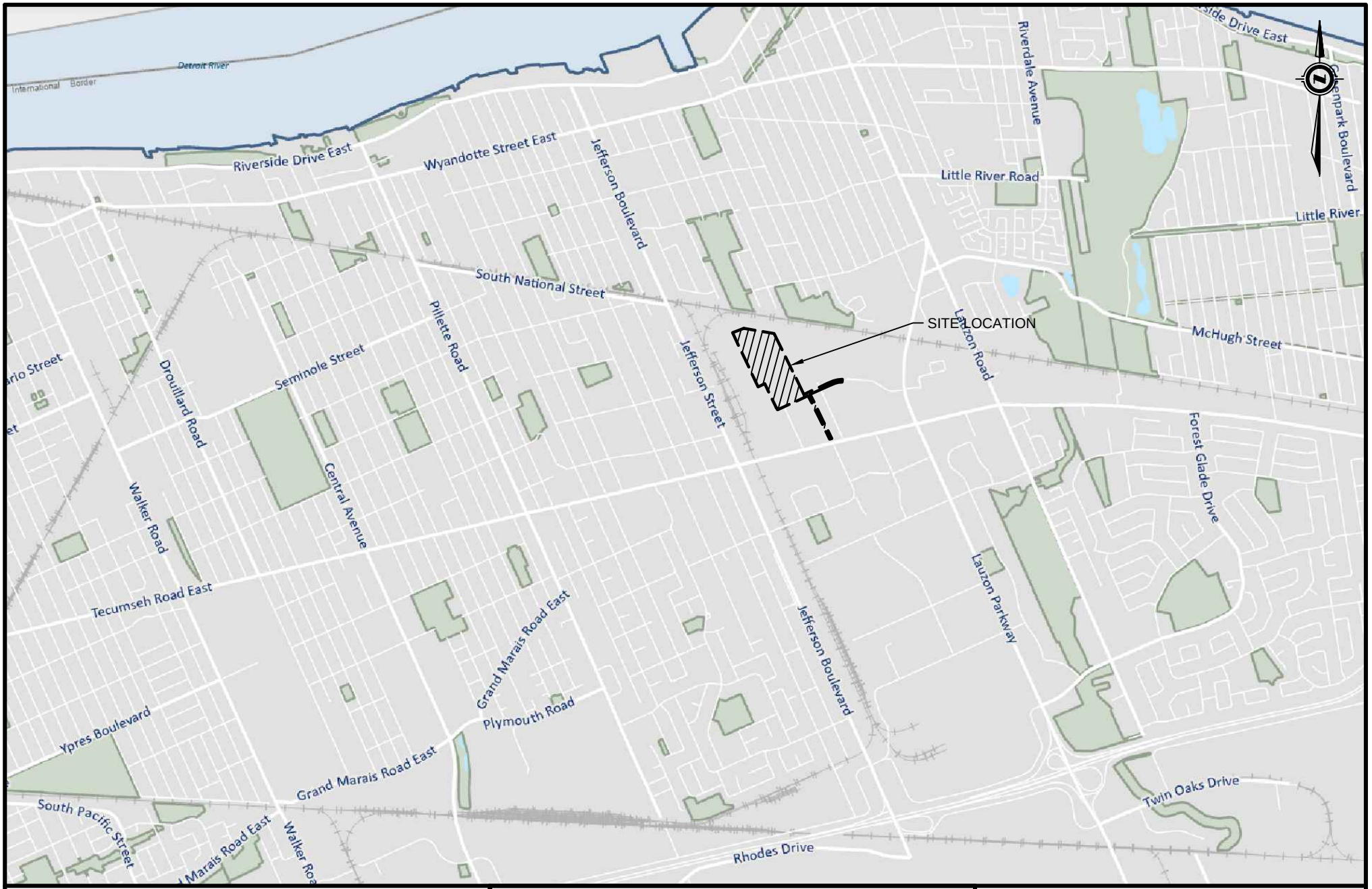
EXP Services Inc.

Derek Diesbourg.
Environmental Technologist
Environmental Division

Jenny Ellison, B.Sc., CET
Project Manager
Environmental Division

Scott Aziz, Project Manager
Senior Project Manager and Team Leader
Environmental Division

Figures



Exp Services Inc.
15701 Robin's Hill Road
London, Ontario
N5V 0A5

CLIENT:	ROCK DEVELOPMENTS INC.
SITE:	TECUMSEH ROAD EAST, WINDSOR, ONTARIO
TITLE:	LIMITED PHASE II ESA - SITE LOCATION PLAN
Date:	APRIL 2024
PROJECT No:	LON-24000090-B0
FIG	1

0 1000 2000
SCALE (METRES)

Exp Services Inc.
15701 Robin's Hill Road
London, Ontario
N5V 0A5

CLIENT:	ROCK DEVELOPMENTS INC.
SITE:	TECUMSEH ROAD EAST, WINDSOR, ONTARIO
TITLE:	LIMITED PHASE II ESA - BOREHOLE/MONITORING WELL LOCATION PLAN
Date:	APRIL 2024
PROJECT No:	LON-24000090-B0
FIG	2

LEGEND

BOREHOLE/MONITORING WELL LOCATION

0 100 200

SCALE (METRES)

Appendix A:
Borehole Logs

BH1
Sheet 1 of 1

BOREHOLE LOG

Client	Rock Developments Inc.	**Project No.**	LON-24000090-B0
Project Name	Limited Phase II Environmental Site Assesment	**Datum**	Geodetic
Site Location	Tecumseh Road East, Windsor, ON	**Boring Date**	Feb 22, 2024

DEPTH (m bgs)	ELEVATION (m)	STRATA DESCRIPTION	STRATA PLOT	WELL LOG	SAMPLES TYPE	SAMPLES NUMBER	TCV (ppm)	Lab Analysis
0	180.25							
	180.2	**TOPSOIL** - 75mm						
		FILL - Clayey Silt - brown, trace organics, some sand, compact, moist			SS	SA 1	0	Soil - M&Is, PAHs
	179.5							
1		**CLAYEY SILT TILL** - brown, mottled in the upper layer, trace sand, trace gravel, firm to very stiff, moist			SS	SA 2	0	
					SS	SA 3	0	
2								
					SS	SA 4	0	
3		- grey, occassional cobbles and hard near 3.1 m bgs			SS	SA 5	0	
4								
					SS	SA 6	0	
5	175.2	**End of borehole at 5.0 m bgs.**						
6								
7								

NOTES

1) Borehole interpretation requires assistance by EXP before use by others. Borehole Logs must be read in conjunction with EXP Limited Phase II Environmental Site Assessment report LON-24000090-B0
2) bgs denotes: below ground surface.
3) TCV= Total Combustible Vapour Level (soil sample headspace) / TOV = Total Organic Vapour Level (soil sample headspace)
4) SS = Split Spoon
5) VOCs = Volatile Organic Compounds; PHCs = Petroleum Hyrdocarbons; PAHs = Polycyclic Aromatic Hydrocarbons; M&Is = Metals & Inorganics; OC Pesticides = Organochlorine Pesticides

Bentonite Seal From (m): N/A
Monitoring Well Screened From (m): N/A
Monitoring Well Screened To (m): N/A
Water Level in Well (m): N/A
Date of Measurement: N/A
Site Supervisor: Marcello Bondi

BH2
Sheet 1 of 1

BOREHOLE LOG

Client	Rock Developments Inc.	**Project No.**	LON-24000090-B0
Project Name	Limited Phase II Environmental Site Assesment	**Datum**	Geodetic
Site Location	Tecumseh Road East, Windsor, ON	**Boring Date**	Feb 21, 2024

DEPTH (m bgs)	ELEVATION (m)	STRATA DESCRIPTION	STRATA PLOT	WELL LOG	SAMPLES TYPE	SAMPLES NUMBER	TCV (ppm)	Lab Analysis
	180.01							
0	180.0	**TOPSOIL** - 50 mm						
	179.9	**FILL - Sand & Gravel** - light brown, trace silt, very moist			SS	SA 1	0	
	179.6	**TOPSOIL** - 300 mm						
		CLAYEY SILT TILL brown, mottled in the upper layer, trace sand, trace gravel, stiff to very stiff, moist						
1					SS	SA 2	0	
					SS	SA 3	0	
2								
					SS	SA 4	0	
3								
		- occasional cobble and grey observed near 3.3 m bgs			SS	SA 5	0	
4								
					SS	SA 6	0	
5	175.0							
		End of borehole at 5.0 m bgs.						
6								
7								

NOTES

1) Borehole interpretation requires assistance by EXP before use by others. Borehole Logs must be read in conjunction with EXP Limited Phase II Environmental Site Assessment report LON-24000090-B0
2) bgs denotes: below ground surface.
3) TCV= Total Combustible Vapour Level (soil sample headspace) / TOV = Total Organic Vapour Level (soil sample headspace)
4) SS = Split Spoon
5) VOCs = Volatile Organic Compounds; PHCs = Petroleum Hyrdocarbons; PAHs = Polycyclic Aromatic Hydrocarbons; M&Is = Metals & Inorganics; OC Pesticides = Organochlorine Pesticides

Bentonite Seal From (m): N/A
Monitoring Well Screened From (m): N/A
Monitoring Well Screened To (m): N/A
Water Level in Well (m): N/A
Date of Measurement: N/A
Site Supervisor: Marcello Bondi

BH3
Sheet 1 of 1

BOREHOLE LOG

Client	Rock Developments Inc.	**Project No.**	LON-24000090-B0
Project Name	Limited Phase II Environmental Site Assesment	**Datum**	Geodetic
Site Location	Tecumseh Road East, Windsor, ON	**Boring Date**	Feb 22, 2024

DEPTH (m bgs)	ELEVATION (m)	STRATA DESCRIPTION	STRATA PLOT	WELL LOG	SAMPLES TYPE	SAMPLES NUMBER	TCV (ppm)	Lab Analysis
0	180.15	**TOPSOIL** - 350 mm						
	179.8	**CLAYEY SILT TILL** - brown, mottled in the upper layer, trace sand, trace gravel, firm to very stiff, moist			SS	SA 1		
1					SS	SA 2		
					SS	SA 3		
2								
					SS	SA 4		
3								
					SS	SA 5		Soil - VOCs, PHCs
		- grey near 3.3 m bgs						
4								
					SS	SA 6		
5	175.1	**End of borehole at 5.0 m bgs.**						
6								
7								

NOTES

1) Borehole interpretation requires assistance by EXP before use by others. Borehole Logs must be read in conjunction with EXP Limited Phase II Environmental Site Assessment report LON-24000090-B0
2) bgs denotes: below ground surface.
3) TCV= Total Combustible Vapour Level (soil sample headspace) / TOV = Total Organic Vapour Level (soil sample headspace)
4) SS = Split Spoon
5) VOCs = Volatile Organic Compounds; PHCs = Petroleum Hyrdocarbons; PAHs = Polycyclic Aromatic Hydrocarbons; M&Is = Metals & Inorganics; OC Pesticides = Organochlorine Pesticides

Bentonite Seal From (m): N/A
Monitoring Well Screened From (m): N/A
Monitoring Well Screened To (m): N/A
Water Level in Well (m): N/A
Date of Measurement: N/A
Site Supervisor: Marcello Bondi

BH4
Sheet 1 of 1

BOREHOLE LOG

Client	Rock Developments Inc.	**Project No.**	LON-24000090-B0
Project Name	Limited Phase II Environmental Site Assesment	**Datum**	Geodetic
Site Location	Tecumseh Road East, Windsor, ON	**Boring Date**	Feb 22, 2024

DEPTH (m bgs)	ELEVATION (m)	STRATA DESCRIPTION	STRATA PLOT	WELL LOG	SAMPLES TYPE	SAMPLES NUMBER	TCV (ppm)	Lab Analysis
0	180.82							
	180.6	**TOPSOIL** - 250 mm						
		FILL - Clayey Silt - brown, trace organics, some sand, trace gravel, loose, moist			SS	SA 1		
	180.2	**CLAYEY SILT TILL** - brown, mottled in the upper layer, trace sand, trace gravel, stiff to very stiff, moist						
1					SS	SA 2		
					SS	SA 3		
2								
					SS	SA 4		
3		- grey near 3.0 m bgs			SS	SA 5		Soil - VOCs, PHCs
4								
					SS	SA 6		
5	175.8	**End of borehole at 5.0 m bgs.**						
6								
7								

NOTES

1) Borehole interpretation requires assistance by EXP before use by others. Borehole Logs must be read in conjunction with EXP Limited Phase II Environmental Site Assessment report LON-24000090-B0
2) bgs denotes: below ground surface.
3) TCV= Total Combustible Vapour Level (soil sample headspace) / TOV = Total Organic Vapour Level (soil sample headspace)
4) SS = Split Spoon
5) VOCs = Volatile Organic Compounds; PHCs = Petroleum Hyrdocarbons; PAHs = Polycyclic Aromatic Hydrocarbons; M&Is = Metals & Inorganics; OC Pesticides = Organochlorine Pesticides

Bentonite Seal From (m): N/A
Monitoring Well Screened From (m): N/A
Monitoring Well Screened To (m): N/A
Water Level in Well (m): N/A
Date of Measurement: N/A
Site Supervisor: Marcello Bondi

BH5
Sheet 1 of 1

BOREHOLE LOG

Client	Rock Developments Inc.	**Project No.**	LON-24000090-B0
Project Name	Limited Phase II Environmental Site Assesment	**Datum**	Geodetic
Site Location	Tecumseh Road East, Windsor, ON	**Boring Date**	Feb 16, 2024

DEPTH (m bgs)	ELEVATION (m)	STRATA DESCRIPTION	STRATA PLOT	WELL LOG	SAMPLES TYPE	SAMPLES NUMBER	TCV (ppm)	Lab Analysis
	180.28							
0	180.2	**TOPSOIL** - 75 mm						
		FILL - Clayey Silt - trace sand, trace gravel, organics, loose, moist			SS	SA 1	0/0	
	179.7	**CLAYEY SILT TILL** - brown, mottled in the upper layer, occassional cobbles, trace sand, trace gravel, firm, moist						
1					SS	SA 2	0/0	
		- very stiff to stiff below 1.4 m bgs						
					SS	SA 3	0/0	
2								
					SS	SA 4	0/0	
3		- grey near 3.0 m bgs						
					SS	SA 5	0/0	
4								
					SS	SA 6	0/0	
5	175.3	**End of borehole at 5.0 m bgs.**						
6								
7								

NOTES

1) Borehole interpretation requires assistance by EXP before use by others. Borehole Logs must be read in conjunction with EXP Limited Phase II Environmental Site Assessment report LON-24000090-B0
2) bgs denotes: below ground surface.
3) TCV= Total Combustible Vapour Level (soil sample headspace) / TOV = Total Organic Vapour Level (soil sample headspace)
4) SS = Split Spoon
5) VOCs = Volatile Organic Compounds; PHCs = Petroleum Hyrdocarbons; PAHs = Polycyclic Aromatic Hydrocarbons; M&Is = Metals & Inorganics; OC Pesticides = Organochlorine Pesticides

Bentonite Seal From (m): N/A
Monitoring Well Screened From (m): N/A
Monitoring Well Screened To (m): N/A
Water Level in Well (m): N/A
Date of Measurement: N/A
Site Supervisor: Marcello Bondi

BH6/MW
Sheet 1 of 1

BOREHOLE LOG

Client	Rock Developments Inc.	**Project No.**	LON-24000090-B0
Project Name	Limited Phase II Environmental Site Assesment	**Datum**	Geodetic
Site Location	Tecumseh Road East, Windsor, ON	**Boring Date**	Feb 20, 2024

DEPTH (m bgs)	ELEVATION (m)	STRATA DESCRIPTION	STRATA PLOT	WELL LOG	SAMPLES TYPE	SAMPLES NUMBER	TCV (ppm)	Lab Analysis
0	180.25							
	180.2	~~TOPSOIL~~ - 100 mm						
		FILL - Clayey Silt - brown, trace sand, trace gravel, trace organics, loose, moist			SS	SA 1	0/0	
1	179.2				SS	SA 2	0/0	Groundwater - VOCs, PHCs
		CLAYEY SILT TILL - brown, trace sand, trace gravel, stiff to very stiff, moist			SS	SA 3	0/0	
2					SS	SA 4	0/0	
3		- occasional cobbles and hard near 3.3 m bgs			SS	SA 5	0/0	
4		- grey near 4.0 m bgs						
5					SS	SA 6	0/0	Soil - VOCs, PHCs
6	174.2							
		End of borehole at 6.1 m bgs.						
7								

NOTES

1) Borehole interpretation requires assistance by EXP before use by others. Borehole Logs must be read in conjunction with EXP Limited Phase II Environmental Site Assessment report LON-24000090-B0
2) bgs denotes: below ground surface.
3) TCV= Total Combustible Vapour Level (soil sample headspace) / TOV = Total Organic Vapour Level (soil sample headspace)
4) SS = Split Spoon
5) VOCs = Volatile Organic Compounds; PHCs = Petroleum Hyrdocarbons; PAHs = Polycyclic Aromatic Hydrocarbons; M&Is = Metals & Inorganics; OC Pesticides = Organochlorine Pesticides

Bentonite Seal From (m): 0.3 - 2.74
Monitoring Well Screened From (m): 3.05
Monitoring Well Screened To (m): 6.1
Water Level in Well (m): 0.85 (Elev: 179.40m)
Date of Measurement: March 20, 2024
Site Supervisor: Marcello Bondi

BH7/MW
Sheet 1 of 1

BOREHOLE LOG

Client	Rock Developments Inc.	**Project No.**	LON-24000090-B0
Project Name	Limited Phase II Environmental Site Assesment	**Datum**	Geodetic
Site Location	Tecumseh Road East, Windsor, ON	**Boring Date**	Feb 21, 2024

DEPTH (m bgs)	ELEVATION (m)	STRATA DESCRIPTION	STRATA PLOT	WELL LOG	SAMPLES TYPE	SAMPLES NUMBER	TCV (ppm)	Lab Analysis
0	181.15							
	181.1	**TOPSOIL** - 50 mm						
		FILL - Clayey Silt - brown, some organics pockets, trace sand, trace gravel, loose to compact, moist			SS	SA 1		
1		- sand and gravel layering near 0.9 m bgs			SS	SA 2		Groundwater - VOCs, PHCs
	179.4				SS	SA 3		
2		**CLAYEY SILT TILL** - brown, mottled in the upper layer, trace sand, trace gravel, stiff to very stiff, moist						
					SS	SA 4		
3								
					SS	SA 5		
4		- grey near 4.0 m bgs						
					SS	SA 6		
5								
6								
					SS	SA 7		Soil - VOCs, PHCs, pH
	174.5							
7		**End of borehole at 6.7 m bgs.**						

NOTES

1) Borehole interpretation requires assistance by EXP before use by others. Borehole Logs must be read in conjunction with EXP Limited Phase II Environmental Site Assessment report LON-24000090-B0
2) bgs denotes: below ground surface.
3) TCV= Total Combustible Vapour Level (soil sample headspace) / TOV = Total Organic Vapour Level (soil sample headspace)
4) SS = Split Spoon
5) VOCs = Volatile Organic Compounds; PHCs = Petroleum Hyrdocarbons; PAHs = Polycyclic Aromatic Hydrocarbons; M&Is = Metals & Inorganics; OC Pesticides = Organochlorine Pesticides

Bentonite Seal From (m): 0.3 - 3.35
Monitoring Well Screened From (m): 3.65
Monitoring Well Screened To (m): 6.7
Water Level in Well (m): 0.84 (Elev: 180.31m)
Date of Measurement: March 20, 2024
Site Supervisor: Marcello Bondi

BH8
Sheet 1 of 1

BOREHOLE LOG

Client	Rock Developments Inc.	**Project No.**	LON-24000090-B0
Project Name	Limited Phase II Environmental Site Assesment	**Datum**	Geodetic
Site Location	Tecumseh Road East, Windsor, ON	**Boring Date**	Feb 16, 2024

DEPTH (m bgs)	ELEVATION (m)	STRATA DESCRIPTION	STRATA PLOT	WELL LOG	SAMPLES TYPE	SAMPLES NUMBER	TCV (ppm)	Lab Analysis
0	181.26	**FILL - Sand & Gravel** - brown, some silt, compact, moist			SS	SA 1	0/0	
	180.6	**FILL - Clayey Silt** - brown, mottled, trace sand, trace gravel, topsoil incusions, occasional cobbles, compact, moist			SS	SA 2	0/0	Soil - VOCs, PHCs, M&Is, PAHs
1	179.9	**CLAYEY SILT TILL** - brown, trace sand, trace gravel, stiff to very stiff, moist			SS	SA 3	0/0	
2					SS	SA 4	0/0	
3					SS	SA 5	0/0	
4								
5	176.2				SS	SA 6	0/0	
		End of borehole at 5.0 m bgs.						
6								
7								

NOTES

1) Borehole interpretation requires assistance by EXP before use by others. Borehole Logs must be read in conjunction with EXP Limited Phase II Environmental Site Assessment report LON-24000090-B0
2) bgs denotes: below ground surface.
3) TCV= Total Combustible Vapour Level (soil sample headspace) / TOV = Total Organic Vapour Level (soil sample headspace)
4) SS = Split Spoon
5) VOCs = Volatile Organic Compounds; PHCs = Petroleum Hyrdocarbons; PAHs = Polycyclic Aromatic Hydrocarbons; M&Is = Metals & Inorganics; OC Pesticides = Organochlorine Pesticides

Bentonite Seal From (m): N/A
Monitoring Well Screened From (m): N/A
Monitoring Well Screened To (m): N/A
Water Level in Well (m): N/A
Date of Measurement: N/A
Site Supervisor: Marcello Bondi

BH9
Sheet 1 of 1

BOREHOLE LOG

Client Rock Developments Inc. **Project No.** LON-24000090-B0
Project Name Limited Phase II Environmental Site Assesment **Datum** Geodetic
Site Location Tecumseh Road East, Windsor, ON **Boring Date** Feb 22, 2024

DEPTH (m bgs)	ELEVATION (m)	STRATA DESCRIPTION	STRATA PLOT	WELL LOG	SAMPLES TYPE	SAMPLES NUMBER	TCV (ppm)	Lab Analysis
0	180.23							
	179.9	**TOPSOIL** - 315 mm			SS	SA 1		
	179.6	**FILL - Clayey Silt** - brown, mottled, trace sand, trace gravel, topsoil incusions, loose, moist						
1		**CLAYEY SILT TILL** - brown, mottled in the upper layer, trace sand, trace gravel, stiff to very stiff, moist			SS	SA 2		
	178.3				SS	SA 3		
2		**End of borehole at 2.0 m bgs.**						
3								
4								
5								
6								
7								

NOTES

1) Borehole interpretation requires assistance by EXP before use by others. Borehole Logs must be read in conjunction with EXP Limited Phase II Environmental Site Assessment report LON-24000090-B0
2) bgs denotes: below ground surface.
3) TCV= Total Combustible Vapour Level (soil sample headspace) / TOV = Total Organic Vapour Level (soil sample headspace)
4) SS = Split Spoon
5) VOCs = Volatile Organic Compounds; PHCs = Petroleum Hyrdocarbons; PAHs = Polycyclic Aromatic Hydrocarbons; M&Is = Metals & Inorganics; OC Pesticides = Organochlorine Pesticides

Bentonite Seal From (m): N/A
Monitoring Well Screened From (m): N/A
Monitoring Well Screened To (m): N/A
Water Level in Well (m): N/A
Date of Measurement: N/A
Site Supervisor: Marcello Bondi

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Sheet 1 of 1

BOREHOLE LOG

Client	Rock Developments Inc.	**Project No.**	LON-24000090-B0
Project Name	Limited Phase II Environmental Site Assesment	**Datum**	Geodetic
Site Location	Tecumseh Road East, Windsor, ON	**Boring Date**	Feb 16, 2024

DEPTH (m bgs)	ELEVATION (m)	STRATA DESCRIPTION	STRATA PLOT	WELL LOG	SAMPLES TYPE	SAMPLES NUMBER	TCV (ppm)	Lab Analysis
0	181.91	**FILL - Sand & Gravel** - silty, brown, trace clay, trace gravel, trace construction/debris, compact, moist			SS	SA 1	0	Soil - M&Is, PAHs
	181.2	**FILL - Clayey Silt** - brown, trace sand, trace gravel, trace organics, compact, moist			SS	SA 2	0	
1								
	180.1				SS	SA 3	0	
2		**CLAYEY SILT TILL** - brown, clayey silt, mottled in the upper layer, trace sand, trace gravel, very stiff, moist						
	179.2				SS	SA 4	0	
3		**End of borehole at 2.7 m bgs.**						
4								
5								
6								
7								

NOTES

1) Borehole interpretation requires assistance by EXP before use by others. Borehole Logs must be read in conjunction with EXP Limited Phase II Environmental Site Assessment report LON-24000090-B0
2) bgs denotes: below ground surface.
3) TCV= Total Combustible Vapour Level (soil sample headspace) / TOV = Total Organic Vapour Level (soil sample headspace)
4) SS = Split Spoon
5) VOCs = Volatile Organic Compounds; PHCs = Petroleum Hyrdocarbons; PAHs = Polycyclic Aromatic Hydrocarbons; M&Is = Metals & Inorganics; OC Pesticides = Organochlorine Pesticides

Bentonite Seal From (m): N/A
Monitoring Well Screened From (m): N/A
Monitoring Well Screened To (m): N/A
Water Level in Well (m): N/A
Date of Measurement: N/A
Site Supervisor: Marcello Bondi

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Sheet 1 of 1

BOREHOLE LOG

Client	Rock Developments Inc.	**Project No.**	LON-24000090-B0
Project Name	Limited Phase II Environmental Site Assesment	**Datum**	Geodetic
Site Location	Tecumseh Road East, Windsor, ON	**Boring Date**	Feb 16, 2024

DEPTH (m bgs)	ELEVATION (m)	STRATA DESCRIPTION	STRATA PLOT	WELL LOG	SAMPLES TYPE	SAMPLES NUMBER	TCV (ppm)	Lab Analysis
0	181.10							
	180.9	**FILL - Sand & Gravel** - brown, trace silt, loose, moist						
		CLAYEY SILT TILL - brown, mottled in the upper layer, trace sand, trace gravel, very stiff to stiff, moist			SS	SA 1	0	
1					SS	SA 2	0	
					SS	SA 3	0	
2	179.1	**End of borehole at 2.0 m bgs.**						
3								
4								
5								
6								
7								

NOTES

1) Borehole interpretation requires assistance by EXP before use by others. Borehole Logs must be read in conjunction with EXP Limited Phase II Environmental Site Assessment report LON-24000090-B0
2) bgs denotes: below ground surface.
3) TCV= Total Combustible Vapour Level (soil sample headspace) / TOV = Total Organic Vapour Level (soil sample headspace)
4) SS = Split Spoon
5) VOCs = Volatile Organic Compounds; PHCs = Petroleum Hyrdocarbons; PAHs = Polycyclic Aromatic Hydrocarbons; M&Is = Metals & Inorganics; OC Pesticides = Organochlorine Pesticides

Bentonite Seal From (m): N/A
Monitoring Well Screened From (m): N/A
Monitoring Well Screened To (m): N/A
Water Level in Well (m): N/A
Date of Measurement: N/A
Site Supervisor: Marcello Bondi

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Sheet 1 of 1

BOREHOLE LOG

Client	Rock Developments Inc.	**Project No.**	LON-24000090-B0
Project Name	Limited Phase II Environmental Site Assesment	**Datum**	Geodetic
Site Location	Tecumseh Road East, Windsor, ON	**Boring Date**	Feb 22, 2024

DEPTH (m bgs)	ELEVATION (m)	STRATA DESCRIPTION	STRATA PLOT	WELL LOG	SAMPLES TYPE	SAMPLES NUMBER	TCV (ppm)	Lab Analysis
0	180.22							
	180.0	**TOPSOIL** - 265 mm						
		CLAYEY SILT TILL - brown, trace to some sand, trace gravel, stiff to very stiff, moist			SS	SA 1	0	
1					SS	SA 2	0	
					SS	SA 3	0	
	178.2							
2		**End of borehole at 2.0 m bgs.**						
3								
4								
5								
6								
7								

NOTES

1) Borehole interpretation requires assistance by EXP before use by others. Borehole Logs must be read in conjunction with EXP Limited Phase II Environmental Site Assessment report LON-24000090-B0
2) bgs denotes: below ground surface.
3) TCV= Total Combustible Vapour Level (soil sample headspace) / TOV = Total Organic Vapour Level (soil sample headspace)
4) SS = Split Spoon
5) VOCs = Volatile Organic Compounds; PHCs = Petroleum Hyrdocarbons; PAHs = Polycyclic Aromatic Hydrocarbons; M&Is = Metals & Inorganics; OC Pesticides = Organochlorine Pesticides

Bentonite Seal From (m): N/A
Monitoring Well Screened From (m): N/A
Monitoring Well Screened To (m): N/A
Water Level in Well (m): N/A
Date of Measurement: N/A
Site Supervisor: Marcello Bondi

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Sheet 1 of 1

BOREHOLE LOG

Client	Rock Developments Inc.	**Project No.**	LON-24000090-B0
Project Name	Limited Phase II Environmental Site Assesment	**Datum**	Geodetic
Site Location	Tecumseh Road East, Windsor, ON	**Boring Date**	Feb 22, 2024

DEPTH (m bgs)	ELEVATION (m)	STRATA DESCRIPTION	STRATA PLOT	WELL LOG	SAMPLES TYPE	SAMPLES NUMBER	TCV (ppm)	Lab Analysis
0	180.20							
	179.9	**TOPSOIL** - 280 mm						
		CLAYEY SILT TILL - brown, mottled in the upper layer, trace sand, trace gravel, firm to very stiff, moist			SS	SA 1	0	
1					SS	SA 2	0	
					SS	SA 3	0	
	178.2							
2		**End of borehole at 2.0 m bgs.**						
3								
4								
5								
6								
7								

NOTES

1) Borehole interpretation requires assistance by EXP before use by others. Borehole Logs must be read in conjunction with EXP Limited Phase II Environmental Site Assessment report LON-24000090-B0
2) bgs denotes: below ground surface.
3) TCV= Total Combustible Vapour Level (soil sample headspace) / TOV = Total Organic Vapour Level (soil sample headspace)
4) SS = Split Spoon
5) VOCs = Volatile Organic Compounds; PHCs = Petroleum Hyrdocarbons; PAHs = Polycyclic Aromatic Hydrocarbons; M&Is = Metals & Inorganics; OC Pesticides = Organochlorine Pesticides

Bentonite Seal From (m): N/A
Monitoring Well Screened From (m): N/A
Monitoring Well Screened To (m): N/A
Water Level in Well (m): N/A
Date of Measurement: N/A
Site Supervisor: Marcello Bondi

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Sheet 1 of 1

BOREHOLE LOG

Client	Rock Developments Inc.	**Project No.**	LON-24000090-B0
Project Name	Limited Phase II Environmental Site Assesment	**Datum**	Geodetic
Site Location	Tecumseh Road East, Windsor, ON	**Boring Date**	Feb 22, 2024

DEPTH (m bgs)	ELEVATION (m)	STRATA DESCRIPTION	STRATA PLOT	WELL LOG	SAMPLES TYPE	SAMPLES NUMBER	TCV (ppm)	Lab Analysis
0	180.23							
	180.0	**TOPSOIL** - 265 mm						
		CLAYEY SILT TILL - brown, mottled in the upper layer, trace sand, trace gravel, very stiff, moist			SS	SA 1	0	Soil - OC Pesticides
1					SS	SA 2	0	
					SS	SA 3	0	
	178.3							
2		**End of borehole at 2.0 m bgs.**						
3								
4								
5								
6								
7								

NOTES

1) Borehole interpretation requires assistance by EXP before use by others. Borehole Logs must be read in conjunction with EXP Limited Phase II Environmental Site Assessment report LON-24000090-B0
2) bgs denotes: below ground surface.
3) TCV= Total Combustible Vapour Level (soil sample headspace) / TOV = Total Organic Vapour Level (soil sample headspace)
4) SS = Split Spoon
5) VOCs = Volatile Organic Compounds; PHCs = Petroleum Hyrdocarbons; PAHs = Polycyclic Aromatic Hydrocarbons; M&Is = Metals & Inorganics; OC Pesticides = Organochlorine Pesticides

Bentonite Seal From (m): N/A
Monitoring Well Screened From (m): N/A
Monitoring Well Screened To (m): N/A
Water Level in Well (m): N/A
Date of Measurement: N/A
Site Supervisor: Marcello Bondi

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Sheet 1 of 1

BOREHOLE LOG

Client Rock Developments Inc. **Project No.** LON-24000090-B0
Project Name Limited Phase II Environmental Site Assesment **Datum** Geodetic
Site Location Tecumseh Road East, Windsor, ON **Boring Date** Feb 21, 2024

DEPTH (m bgs)	ELEVATION (m)	STRATA DESCRIPTION	STRATA PLOT	WELL LOG	SAMPLES TYPE	SAMPLES NUMBER	TCV (ppm)	Lab Analysis
	181.20							
0	181.1	**TOPSOIL** - 100 mm						
		FILL - Clayey Silt - brown, trace sand, trace gravel, trace organics, loose, moist			SS	SA 1	0	
1	180.1				SS	SA 2	0	
		CLAYEY SILT TILL - brown, mottled in the upper layer, trace sand, trace gravel, stiff to very stiff, moist			SS	SA 3	0	
2					SS	SA 4	0	
3	177.7				SS	SA 5	0	
		End of borehole at 3.5 m bgs.						
4								
5								
6								
7								

NOTES

1) Borehole interpretation requires assistance by EXP before use by others. Borehole Logs must be read in conjunction with EXP Limited Phase II Environmental Site Assessment report LON-24000090-B0
2) bgs denotes: below ground surface.
3) TCV= Total Combustible Vapour Level (soil sample headspace) / TOV = Total Organic Vapour Level (soil sample headspace)
4) SS = Split Spoon
5) VOCs = Volatile Organic Compounds; PHCs = Petroleum Hyrdocarbons; PAHs = Polycyclic Aromatic Hydrocarbons; M&Is = Metals & Inorganics; OC Pesticides = Organochlorine Pesticides

Bentonite Seal From (m): N/A
Monitoring Well Screened From (m): N/A
Monitoring Well Screened To (m): N/A
Water Level in Well (m): N/A
Date of Measurement: N/A
Site Supervisor: Marcello Bondi

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Sheet 1 of 1

BOREHOLE LOG

Client	Rock Developments Inc.	**Project No.**	LON-24000090-B0
Project Name	Limited Phase II Environmental Site Assesment	**Datum**	Geodetic
Site Location	Tecumseh Road East, Windsor, ON	**Boring Date**	Feb 21, 2024

DEPTH (m bgs)	ELEVATION (m)	STRATA DESCRIPTION	STRATA PLOT	WELL LOG	SAMPLES TYPE	SAMPLES NUMBER	TCV (ppm)	Lab Analysis
	181.10							
0	181.0	~~TOPSOIL~~ - 100 mm						
		FILL - Clayey Silt - brown, trace sand, trace gravel, trace organics/topsoil, loose, moist			SS	SA 1	0	
1	180.1	**CLAYEY SILT TILL** - brown, mottled in the upper layer, trace sand, trace gravel, stiff to hard, moist			SS	SA 2	0	
					SS	SA 3	0	
2					SS	SA 4	0	
3					SS	SA 5	0	
4		- becoming grey near 4.0 m bgs						
					SS	SA 6	0	
5								
6					SS	SA 7	0	
	174.6							
7		**End of borehole at 6.6 m bgs.**						

NOTES

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3) TCV= Total Combustible Vapour Level (soil sample headspace) / TOV = Total Organic Vapour Level (soil sample headspace)
4) SS = Split Spoon
5) VOCs = Volatile Organic Compounds; PHCs = Petroleum Hyrdocarbons; PAHs = Polycyclic Aromatic Hydrocarbons; M&Is = Metals & Inorganics; OC Pesticides = Organochlorine Pesticides

Bentonite Seal From (m): N/A
Monitoring Well Screened From (m): N/A
Monitoring Well Screened To (m): N/A
Water Level in Well (m): N/A
Date of Measurement: N/A
Site Supervisor: Marcello Bondi

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Sheet 1 of 1

BOREHOLE LOG

Client Rock Developments Inc. **Project No.** LON-24000090-B0
Project Name Limited Phase II Environmental Site Assesment **Datum** Geodetic
Site Location Tecumseh Road East, Windsor, ON **Boring Date** Feb 21, 2024

DEPTH (m bgs)	ELEVATION (m)	STRATA DESCRIPTION	STRATA PLOT	WELL LOG	SAMPLES TYPE	SAMPLES NUMBER	TCV (ppm)	Lab Analysis
0	181.12	**FILL - Clayey Silt** - brown, trace organics, trace sand, trace gravel, loose to compact, moist			SS	SA 1	0	
1					SS	SA 2	0	
		- construction debris near 1.5 m bgs			SS	SA 3	0	
2	178.8	**CLAYEY SILT TILL** - brown, mottled in the upper layer, trace sand, trace gravel, stiff to very stiff, moist			SS	SA 4	0	
3	177.6				SS	SA 5	0	
4		**End of borehole at 3.5 m bgs.**						
5								
6								
7								

NOTES

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2) bgs denotes: below ground surface.
3) TCV= Total Combustible Vapour Level (soil sample headspace) / TOV = Total Organic Vapour Level (soil sample headspace)
4) SS = Split Spoon
5) VOCs = Volatile Organic Compounds; PHCs = Petroleum Hyrdocarbons; PAHs = Polycyclic Aromatic Hydrocarbons; M&Is = Metals & Inorganics; OC Pesticides = Organochlorine Pesticides

Bentonite Seal From (m): N/A
Monitoring Well Screened From (m): N/A
Monitoring Well Screened To (m): N/A
Water Level in Well (m): N/A
Date of Measurement: N/A
Site Supervisor: Marcello Bondi

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Sheet 1 of 1

BOREHOLE LOG

Client Rock Developments Inc. **Project No.** LON-24000090-B0

Project Name Limited Phase II Environmental Site Assesment **Datum** Geodetic

Site Location Tecumseh Road East, Windsor, ON **Boring Date** Feb 21, 2024

DEPTH (m bgs)	ELEVATION (m)	STRATA DESCRIPTION	STRATA PLOT	WELL LOG	SAMPLES TYPE	SAMPLES NUMBER	TCV (ppm)	Lab Analysis
	180.83							
0	180.8	**TOPSOIL** - 50 mm						
		FILL - Clayey Silt - brown, trace sand, trace gravel, trace construction debis, occasional cobbles, loose to compact, moist			SS	SA 1	0	
1					SS	SA 2	0	
					SS	SA 3	0	
2	178.7							
		CLAYEY SILT TILL - brown, trace sand, trace gravel, very stiff, moist			SS	SA 4	0	
3					SS	SA 5	0	
4		- occasional cobbles observed near 4.0 m bgs						
					SS	SA 6	0	
5		- becoming grey near 5.6 m bgs						
6		- stiff near 6.1 m bgs			SS	SA 7	0	
	174.3							
7		**End of borehole at 6.6 m bgs.**						

NOTES

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2) bgs denotes: below ground surface.
3) TCV= Total Combustible Vapour Level (soil sample headspace) / TOV = Total Organic Vapour Level (soil sample headspace)
4) SS = Split Spoon
5) VOCs = Volatile Organic Compounds; PHCs = Petroleum Hyrdocarbons; PAHs = Polycyclic Aromatic Hydrocarbons; M&Is = Metals & Inorganics; OC Pesticides = Organochlorine Pesticides

Bentonite Seal From (m): N/A
Monitoring Well Screened From (m): N/A
Monitoring Well Screened To (m): N/A
Water Level in Well (m): N/A
Date of Measurement: N/A
Site Supervisor: Marcello Bondi

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Sheet 1 of 1

BOREHOLE LOG

Client	Rock Developments Inc.	**Project No.**	LON-24000090-B0
Project Name	Limited Phase II Environmental Site Assesment	**Datum**	Geodetic
Site Location	Tecumseh Road East, Windsor, ON	**Boring Date**	Feb 20, 2024

DEPTH (m bgs)	ELEVATION (m)	STRATA DESCRIPTION	STRATA PLOT	WELL LOG	SAMPLES TYPE	SAMPLES NUMBER	TCV (ppm)	Lab Analysis
	181.01							
0	180.9	~~TOPSOIL~~ - 100 mm						
		CLAYEY SILT TILL - brown, mottled in the upper layer, trace sand, trace gravel, firm to very stiff, moist			SS	SA 1	0	
1					SS	SA 2	0	
					SS	SA 3	0	
2								
					SS	SA 4	0	
3								
					SS	SA 5	0	
4		- becoming grey near 4.0 m bgs						
					SS	SA 6	0	
5	176.0	**End of borehole at 5.0 m bgs.**						
6								
7								

NOTES

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2) bgs denotes: below ground surface.
3) TCV= Total Combustible Vapour Level (soil sample headspace) / TOV = Total Organic Vapour Level (soil sample headspace)
4) SS = Split Spoon
5) VOCs = Volatile Organic Compounds; PHCs = Petroleum Hyrdocarbons; PAHs = Polycyclic Aromatic Hydrocarbons; M&Is = Metals & Inorganics; OC Pesticides = Organochlorine Pesticides

Bentonite Seal From (m): N/A
Monitoring Well Screened From (m): N/A
Monitoring Well Screened To (m): N/A
Water Level in Well (m): N/A
Date of Measurement: N/A
Site Supervisor: Marcello Bondi

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Sheet 1 of 1

BOREHOLE LOG

Client	Rock Developments Inc.	**Project No.**	LON-24000090-B0
Project Name	Limited Phase II Environmental Site Assesment	**Datum**	Geodetic
Site Location	Tecumseh Road East, Windsor, ON	**Boring Date**	Feb 20, 2024

DEPTH (m bgs)	ELEVATION (m)	STRATA DESCRIPTION	STRATA PLOT	WELL LOG	SAMPLES TYPE	SAMPLES NUMBER	TCV (ppm)	Lab Analysis
	180.93							
0	180.9	**TOPSOIL** - 75 mm						
		CLAYEY SILT TILL - brown, mottled in the upper layer, trace sand, trace gravel, stiff, moist			SS	SA 1	0	Soil - VOCs, PHCs, M&Is, PAHs
1					SS	SA 2	0	
					SS	SA 3	0	
2								
		- very stiff below 2.3 m bgs			SS	SA 4	0	
3		- grey and occasional cobbles observed near 3.0 m bgs			SS	SA 5	0	
4								
					SS	SA 6	0	
5	175.9	**End of borehole at 5.0 m bgs.**						
6								
7								

NOTES

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2) bgs denotes: below ground surface.
3) TCV= Total Combustible Vapour Level (soil sample headspace) / TOV = Total Organic Vapour Level (soil sample headspace)
4) SS = Split Spoon
5) VOCs = Volatile Organic Compounds; PHCs = Petroleum Hyrdocarbons; PAHs = Polycyclic Aromatic Hydrocarbons; M&Is = Metals & Inorganics; OC Pesticides = Organochlorine Pesticides

Bentonite Seal From (m): N/A
Monitoring Well Screened From (m): N/A
Monitoring Well Screened To (m): N/A
Water Level in Well (m): N/A
Date of Measurement: N/A
Site Supervisor: Marcello Bondi

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Sheet 1 of 1

BOREHOLE LOG

Client	Rock Developments Inc.	**Project No.**	LON-24000090-B0
Project Name	Limited Phase II Environmental Site Assesment	**Datum**	Geodetic
Site Location	Tecumseh Road East, Windsor, ON	**Boring Date**	Feb 20, 2024

DEPTH (m bgs)	ELEVATION (m)	STRATA DESCRIPTION	STRATA PLOT	WELL LOG	SAMPLES TYPE	SAMPLES NUMBER	TCV (ppm)	Lab Analysis
	180.71							
0	180.6	**TOPSOIL** - 75 mm						
		FILL - Clayey Silt - brown, trace sand, trace gravel, loose, moist			SS	SA 1	0	
	179.8							
1		**CLAYEY SILT TILL** - brown, mottled in the upper layer, trace sand, trace gravel, stiff to very stiff, moist			SS	SA 2	0	
					SS	SA 3	0	
2								
					SS	SA 4	0	
3								
	177.2				SS	SA 5	0	
		End of borehole at 3.5 m bgs.						
4								
5								
6								
7								

NOTES

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2) bgs denotes: below ground surface.
3) TCV= Total Combustible Vapour Level (soil sample headspace) / TOV = Total Organic Vapour Level (soil sample headspace)
4) SS = Split Spoon
5) VOCs = Volatile Organic Compounds; PHCs = Petroleum Hyrdocarbons; PAHs = Polycyclic Aromatic Hydrocarbons; M&Is = Metals & Inorganics; OC Pesticides = Organochlorine Pesticides

Bentonite Seal From (m): N/A
Monitoring Well Screened From (m): N/A
Monitoring Well Screened To (m): N/A
Water Level in Well (m): N/A
Date of Measurement: N/A
Site Supervisor: Marcello Bondi

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Sheet 1 of 1

BOREHOLE LOG

Client	Rock Developments Inc.	**Project No.**	LON-24000090-B0
Project Name	Limited Phase II Environmental Site Assesment	**Datum**	Geodetic
Site Location	Tecumseh Road East, Windsor, ON	**Boring Date**	Feb 20, 2024

DEPTH (m bgs)	ELEVATION (m)	STRATA DESCRIPTION	STRATA PLOT	WELL LOG	SAMPLES TYPE	SAMPLES NUMBER	TCV (ppm)	Lab Analysis
	181.11							
0	181.1	**TOPSOIL** - 50 mm						
		FILL - Clayey Silt - brown, trace sand, trace gravel, trace construction debris/organics, loose, moist			SS	SA 1	0	
1					SS	SA 2	0	Soil - M&Is, PAHs
	179.7							
		CLAYEY SILT TILL - brown, trace sand, trace gravel, stiff to very stiff, moist			SS	SA 3	0	
2								
					SS	SA 4	0	
3								
	177.6				SS	SA 5	0	
		End of borehole at 3.5 m bgs.						
4								
5								
6								
7								

NOTES

1) Borehole interpretation requires assistance by EXP before use by others. Borehole Logs must be read in conjunction with EXP Limited Phase II Environmental Site Assessment report LON-24000090-B0
2) bgs denotes: below ground surface.
3) TCV= Total Combustible Vapour Level (soil sample headspace) / TOV = Total Organic Vapour Level (soil sample headspace)
4) SS = Split Spoon
5) VOCs = Volatile Organic Compounds; PHCs = Petroleum Hyrdocarbons; PAHs = Polycyclic Aromatic Hydrocarbons; M&Is = Metals & Inorganics; OC Pesticides = Organochlorine Pesticides

Bentonite Seal From (m): N/A
Monitoring Well Screened From (m): N/A
Monitoring Well Screened To (m): N/A
Water Level in Well (m): N/A
Date of Measurement: N/A
Site Supervisor: Marcello Bondi

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Sheet 1 of 1

BOREHOLE LOG

Client	Rock Developments Inc.	**Project No.**	LON-24000090-B0
Project Name	Limited Phase II Environmental Site Assesment	**Datum**	Geodetic
Site Location	Tecumseh Road East, Windsor, ON	**Boring Date**	Feb 20, 2024

DEPTH (m bgs)	ELEVATION (m)	STRATA DESCRIPTION	STRATA PLOT	WELL LOG	SAMPLES TYPE	SAMPLES NUMBER	TCV (ppm)	Lab Analysis
0	181.01	**FILL - Sand & Gravel** - light brown, some silt, loose, moist			SS	SA 1	0	Soil - VOCs, PHCs, M&Is, PAHs
	180.3	**FILL - Clayey Silt** - brown, trace sand, trace gravel, trace organics, topsoil inclusions, loose, moist			SS	SA 2	0	
1	179.6	**CLAYEY SILT TILL** - brown, mottled in the upper layer, trace sand, trace gravel, firm, moist			SS	SA 3	0	
2		- very stiff below 2.1 m bgs			SS	SA 4	0	
3					SS	SA 5	0	
4		- becoming grey near 4.0 m bgs						
5	176.0				SS	SA 6	0	
		End of borehole at 5.0 m bgs.						
6								
7								

NOTES

1) Borehole interpretation requires assistance by EXP before use by others. Borehole Logs must be read in conjunction with EXP Limited Phase II Environmental Site Assessment report LON-24000090-B0
2) bgs denotes: below ground surface.
3) TCV= Total Combustible Vapour Level (soil sample headspace) / TOV = Total Organic Vapour Level (soil sample headspace)
4) SS = Split Spoon
5) VOCs = Volatile Organic Compounds; PHCs = Petroleum Hyrdocarbons; PAHs = Polycyclic Aromatic Hydrocarbons; M&Is = Metals & Inorganics; OC Pesticides = Organochlorine Pesticides

Bentonite Seal From (m): N/A
Monitoring Well Screened From (m): N/A
Monitoring Well Screened To (m): N/A
Water Level in Well (m): N/A
Date of Measurement: N/A
Site Supervisor: Marcello Bondi

BH24
Sheet 1 of 1

BOREHOLE LOG

Client Rock Developments Inc. **Project No.** LON-24000090-B0
Project Name Limited Phase II Environmental Site Assesment **Datum** Geodetic
Site Location Tecumseh Road East, Windsor, ON **Boring Date** Feb 20, 2024

DEPTH (m bgs)	ELEVATION (m)	STRATA DESCRIPTION	STRATA PLOT	WELL LOG	SAMPLES TYPE	SAMPLES NUMBER	TCV (ppm)	Lab Analysis
	180.87							
0	180.8	~~TOPSOIL~~ - 100 mm						
	180.5	**FILL - Clayey Silt** - brown, trace sand, trace gravel, loose, moist			SS	SA 1	0/0	Soil - OC Pesticides
	180.1	**FILL - Sand & Gravel** - brown, trace silt, moist						
1		**CLAYEY SILT TILL** - brown, mottled in the upper layer, trace sand, trace gravel, stiff to very stiff, moist			SS	SA 2	0/0	
					SS	SA 3	0/0	
2								
					SS	SA 4	0/0	
3		- hard near 3.1 m bgs			SS	SA 5	0/0	
		- grey near 3.5 m bgs						
4		- occasional cobbles observed near 4.0 m bgs						
					SS	SA 6	0/0	
5	175.8	**End of borehole at 5.0 m bgs.**						
6								
7								

NOTES

1) Borehole interpretation requires assistance by EXP before use by others. Borehole Logs must be read in conjunction with EXP Limited Phase II Environmental Site Assessment report LON-24000090-B0
2) bgs denotes: below ground surface.
3) TCV= Total Combustible Vapour Level (soil sample headspace) / TOV = Total Organic Vapour Level (soil sample headspace)
4) SS = Split Spoon
5) VOCs = Volatile Organic Compounds; PHCs = Petroleum Hyrdocarbons; PAHs = Polycyclic Aromatic Hydrocarbons; M&Is = Metals & Inorganics; OC Pesticides = Organochlorine Pesticides

Bentonite Seal From (m): N/A
Monitoring Well Screened From (m): N/A
Monitoring Well Screened To (m): N/A
Water Level in Well (m): N/A
Date of Measurement: N/A
Site Supervisor: Marcello Bondi

BH25
Sheet 1 of 1

BOREHOLE LOG

Client	Rock Developments Inc.	**Project No.**	LON-24000090-B0
Project Name	Limited Phase II Environmental Site Assesment	**Datum**	Geodetic
Site Location	Tecumseh Road East, Windsor, ON	**Boring Date**	Feb 16, 2024

DEPTH (m bgs)	ELEVATION (m)	STRATA DESCRIPTION	STRATA PLOT	WELL LOG	SAMPLES TYPE	SAMPLES NUMBER	TCV (ppm)	Lab Analysis
0	181.16							
	181.1	**TOPSOIL** - 50 mm						
	181.1	**FILL - Sand & Gravel** - light brown, trace silt, moist			SS	SA 1	0/0	
	180.6	**FILL - Clayey Silt** - brown, trace sand, trace gravel, trace organics, loose, moist						
		CLAYEY SILT TILL - brown, trace sand, trace gravel, stiff to very stiff, moist						
1					SS	SA 2	0/0	
					SS	SA 3	0/0	
2								
					SS	SA 4	0/0	
3		- hard near 3.1 m bgs			SS	SA 5	0/0	
4								
					SS	SA 6	0/0	
5		- grey near 5.6 m bgs						
6								
	174.6				SS	SA 7	0/0	
		End of borehole at 6.6 m bgs.						
7								

NOTES

1) Borehole interpretation requires assistance by EXP before use by others. Borehole Logs must be read in conjunction with EXP Limited Phase II Environmental Site Assessment report LON-24000090-B0
2) bgs denotes: below ground surface.
3) TCV= Total Combustible Vapour Level (soil sample headspace) / TOV = Total Organic Vapour Level (soil sample headspace)
4) SS = Split Spoon
5) VOCs = Volatile Organic Compounds; PHCs = Petroleum Hyrdocarbons; PAHs = Polycyclic Aromatic Hydrocarbons; M&Is = Metals & Inorganics; OC Pesticides = Organochlorine Pesticides

Bentonite Seal From (m): N/A
Monitoring Well Screened From (m): N/A
Monitoring Well Screened To (m): N/A
Water Level in Well (m): N/A
Date of Measurement: N/A
Site Supervisor: Marcello Bondi

BH26
Sheet 1 of 1

BOREHOLE LOG

Client Rock Developments Inc. **Project No.** LON-24000090-B0
Project Name Limited Phase II Environmental Site Assesment **Datum** Geodetic
Site Location Tecumseh Road East, Windsor, ON **Boring Date** Feb 16, 2024

DEPTH (m bgs)	ELEVATION (m)	STRATA DESCRIPTION	STRATA PLOT	WELL LOG	SAMPLES TYPE	SAMPLES NUMBER	TCV (ppm)	Lab Analysis
0	181.22							
	181.0	**FILL - Sand & Gravel** - brown, some silt, loose, moist						
		FILL - Clayey Silt - brown, trace sand, trace gravel, trace organics, trace construction debris, compact, moist			SS	SA 1	0/0	
1					SS	SA 2	0/0	Soil - VOCs, PHCs, M&Is, PAHs
					SS	SA 3	0/0	
2	179.2	**CLAYEY SILT TILL** - brown, trace sand, trace gravel, firm to hard, moist						
					SS	SA 4	0/0	
3								
	177.7				SS	SA 5	0/0	
		End of borehole at 3.5 m bgs.						
4								
5								
6								
7								

NOTES

1) Borehole interpretation requires assistance by EXP before use by others. Borehole Logs must be read in conjunction with EXP Limited Phase II Environmental Site Assessment report LON-24000090-B0
2) bgs denotes: below ground surface.
3) TCV= Total Combustible Vapour Level (soil sample headspace) / TOV = Total Organic Vapour Level (soil sample headspace)
4) SS = Split Spoon
5) VOCs = Volatile Organic Compounds; PHCs = Petroleum Hyrdocarbons; PAHs = Polycyclic Aromatic Hydrocarbons; M&Is = Metals & Inorganics; OC Pesticides = Organochlorine Pesticides

Bentonite Seal From (m): N/A
Monitoring Well Screened From (m): N/A
Monitoring Well Screened To (m): N/A
Water Level in Well (m): N/A
Date of Measurement: N/A
Site Supervisor: Marcello Bondi

BH27
Sheet 1 of 1

BOREHOLE LOG

Client	Rock Developments Inc.	**Project No.**	LON-24000090-B0
Project Name	Limited Phase II Environmental Site Assesment	**Datum**	Geodetic
Site Location	Tecumseh Road East, Windsor, ON	**Boring Date**	Feb 16, 2024

DEPTH (m bgs)	ELEVATION (m)	STRATA DESCRIPTION	STRATA PLOT	WELL LOG	SAMPLES TYPE	SAMPLES NUMBER	TCV (ppm)	Lab Analysis
0	181.28	**FILL - Sand & Gravel** - light brown, trace silt, trace construction debris, compact, moist			SS	SA 1	0/0	
	180.6	**CLAYEY SILT TILL** - brown, mottled in the upper layer, trace sand, trace gravel, stiff to very stiff, moist						
1					SS	SA 2	0/0	
					SS	SA 3	0/0	
2								
					SS	SA 4	0/0	
3								
					SS	SA 5	0/0	
4		- becoming grey near 4.0 m bgs						
					SS	SA 6	0/0	
5								
6								
	174.7				SS	SA 7	0/0	
7		**End of borehole at 6.6 m bgs.**						

NOTES

1) Borehole interpretation requires assistance by EXP before use by others. Borehole Logs must be read in conjunction with EXP Limited Phase II Environmental Site Assessment report LON-24000090-B0
2) bgs denotes: below ground surface.
3) TCV= Total Combustible Vapour Level (soil sample headspace) / TOV = Total Organic Vapour Level (soil sample headspace)
4) SS = Split Spoon
5) VOCs = Volatile Organic Compounds; PHCs = Petroleum Hyrdocarbons; PAHs = Polycyclic Aromatic Hydrocarbons; M&Is = Metals & Inorganics; OC Pesticides = Organochlorine Pesticides

Bentonite Seal From (m): N/A
Monitoring Well Screened From (m): N/A
Monitoring Well Screened To (m): N/A
Water Level in Well (m): N/A
Date of Measurement: N/A
Site Supervisor: Marcello Bondi

BH28
Sheet 1 of 1

BOREHOLE LOG

Client	Rock Developments Inc.	**Project No.**	LON-24000090-B0
Project Name	Limited Phase II Environmental Site Assesment	**Datum**	Geodetic
Site Location	Tecumseh Road East, Windsor, ON	**Boring Date**	Feb 22, 2024

DEPTH (m bgs)	ELEVATION (m)	STRATA DESCRIPTION	STRATA PLOT	WELL LOG	SAMPLES TYPE	SAMPLES NUMBER	TCV (ppm)	Lab Analysis
0	180.07							
	179.8	**TOPSOIL** - 260 mm						
		CLAYEY SILT TILL - brown, mottled in the upper layer, trace sand, trace gravel, stiff to very stiff, moist			SS	SA 1		Soil - M&Is, PAHs
1					SS	SA 2		
					SS	SA 3		
	178.1							
2		**End of borehole at 2.0 m bgs.**						
3								
4								
5								
6								
7								

NOTES

1) Borehole interpretation requires assistance by EXP before use by others. Borehole Logs must be read in conjunction with EXP Limited Phase II Environmental Site Assessment report LON-24000090-B0
2) bgs denotes: below ground surface.
3) TCV= Total Combustible Vapour Level (soil sample headspace) / TOV = Total Organic Vapour Level (soil sample headspace)
4) SS = Split Spoon
5) VOCs = Volatile Organic Compounds; PHCs = Petroleum Hyrdocarbons; PAHs = Polycyclic Aromatic Hydrocarbons; M&Is = Metals & Inorganics; OC Pesticides = Organochlorine Pesticides

Bentonite Seal From (m): N/A
Monitoring Well Screened From (m): N/A
Monitoring Well Screened To (m): N/A
Water Level in Well (m): N/A
Date of Measurement: N/A
Site Supervisor: Marcello Bondi

Appendix B:
Laboratory Certificate of Analysis Sheets - Soil

AGAT Laboratories

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CANADA L4Z 1Y2
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FAX (905)712-5122
http://www.agatlabs.com

CLIENT NAME: EXP SERVICES INC
15701 Robin's Hill Road #2
LONDON, ON N5V0A5
(519) 963-3000
ATTENTION TO: Jenny Ellison
PROJECT: LON-24000090-BO
AGAT WORK ORDER: 24L124227
SOIL ANALYSIS REVIEWED BY: Amanjot Bhela, Lab Operation Manager
TRACE ORGANICS REVIEWED BY: Neli Popnikolova, Senior Chemist
DATE REPORTED: Mar 05, 2024
PAGES (INCLUDING COVER): 22
VERSION*: 1

Should you require any information regarding this analysis please contact your client services representative at (905) 712-5100

Notes

Disclaimer:

- *All work conducted herein has been done using accepted standard protocols, and generally accepted practices and methods. AGAT test methods may incorporate modifications from the specified reference methods to improve performance.*
- *All samples will be disposed of within 30 days after receipt unless a Long Term Storage Agreement is signed and returned. Some specialty analysis may be exempt, please contact your Client Project Manager for details.*
- *AGAT's liability in connection with any delay, performance or non-performance of these services is only to the Client and does not extend to any other third party. Unless expressly agreed otherwise in writing, AGAT's liability is limited to the actual cost of the specific analysis or analyses included in the services.*
- *This Certificate shall not be reproduced except in full, without the written approval of the laboratory.*
- *The test results reported herewith relate only to the samples as received by the laboratory.*
- *Application of guidelines is provided "as is" without warranty of any kind, either expressed or implied, including, but not limited to, warranties of merchantability, fitness for a particular purpose, or non-infringement. AGAT assumes no responsibility for any errors or omissions in the guidelines contained in this document.*
- *All reportable information as specified by ISO/IEC 17025:2017 is available from AGAT Laboratories upon request.*

AGAT Laboratories

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http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 24L124227

PROJECT: LON-24000090-BO

CLIENT NAME: EXP SERVICES INC

ATTENTION TO: Jenny Ellison

SAMPLING SITE:Tecumseh Road

SAMPLED BY:MS

O. Reg. 153(511) - Metals & Inorganics (Soil)

DATE RECEIVED: 2024-02-27

DATE REPORTED: 2024-03-05

		SAMPLE DESCRIPTION:		BH1 SA1	BH28 SA1	BH8 SA2	BH10 SA1	BH20 SA1	BH22 SA2	BH23 SA1	BH26 SA2
		SAMPLE TYPE:		Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
		DATE SAMPLED:		2024-02-26 12:00	2024-02-26 12:00	2024-02-26 12:00	2024-02-26 12:00	2024-02-26 12:00	2024-02-26 12:00	2024-02-26 12:00	2024-02-26 12:00
Parameter	**Unit**	**G / S**	**RDL**	**5680775**	**5680776**	**5680777**	**5680778**	**5680779**	**5680780**	**5680781**	**5680782**
Antimony	µg/g	50	0.8	1.0	<0.8	<0.8	<0.8	<0.8	<0.8	<0.8	<0.8
Arsenic	µg/g	18	1	5	8	8	6	8	9	7	9
Barium	µg/g	670	2.0	76.4	88.7	165	123	78.2	214	12.7	96.2
Beryllium	µg/g	10	0.5	<0.5	0.8	0.6	0.6	0.8	0.7	<0.5	0.8
Boron	µg/g	120	5	5	8	11	13	9	11	<5	15
Boron (Hot Water Soluble)	µg/g	2	0.10	0.27	0.29	0.42	0.85	0.30	0.33	<0.10	0.37
Cadmium	µg/g	1.9	0.5	<0.5	<0.5	<0.5	0.5	<0.5	<0.5	<0.5	<0.5
Chromium	µg/g	160	5	20	25	22	22	23	24	<5	30
Cobalt	µg/g	100	0.8	4.5	10.3	7.1	6.6	9.2	8.4	<0.8	10.7
Copper	µg/g	300	1.0	15.1	21.0	18.3	15.7	17.8	20.0	3.9	19.1
Lead	µg/g	120	1	22	11	15	30	17	38	3	12
Molybdenum	µg/g	40	0.5	2.8	2.8	3.8	2.5	2.9	2.6	0.8	3.1
Nickel	µg/g	340	1	15	28	17	17	24	19	2	26
Selenium	µg/g	5.5	0.8	<0.8	<0.8	<0.8	<0.8	<0.8	<0.8	<0.8	<0.8
Silver	µg/g	50	0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
Thallium	µg/g	3.3	0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
Uranium	µg/g	33	0.50	0.69	0.83	1.39	1.18	0.95	1.16	4.35	1.19
Vanadium	µg/g	86	2.0	18.4	35.7	27.6	26.6	30.6	31.0	<2.0	48.6
Zinc	µg/g	340	5	52	66	62	96	69	84	33	65
Chromium, Hexavalent	µg/g	10	0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
Cyanide, WAD	µg/g	0.051	0.040	<0.040	<0.040	<0.040	<0.040	<0.040	<0.040	<0.040	<0.040
Mercury	µg/g	20	0.10	<0.10	<0.10	<0.10	0.12	<0.10	<0.10	2.89	0.10
Electrical Conductivity (2:1)	mS/cm	1.4	0.005	0.265	0.330	0.546	**3.83**	0.272	0.376	**3.01**	**4.04**
Sodium Adsorption Ratio (2:1) (Calc.)	N/A	12	N/A	0.302	0.188	0.619	0.751	0.693	0.520	0.121	1.62
pH, 2:1 CaCl2 Extraction	pH Units	5.0-9.0	NA	6.58	6.87	6.91	7.04	7.07	7.04	6.99	7.04

Certified By:

AGAT Laboratories

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Certificate of Analysis

AGAT WORK ORDER: 24L124227

PROJECT: LON-24000090-BO

CLIENT NAME: EXP SERVICES INC

ATTENTION TO: Jenny Ellison

SAMPLING SITE:Tecumseh Road

SAMPLED BY:MS

O. Reg. 153(511) - Metals & Inorganics (Soil)

DATE RECEIVED: 2024-02-27 **DATE REPORTED: 2024-03-05**

Comments: RDL - Reported Detection Limit; G / S - Guideline / Standard: Refers to Table 2: Full Depth Generic Site Condition Standards in a Potable Ground Water Condition - Soil - Industrial/Commercial/Community Property Use - Medium and Fine Textured Soils
Guideline values are for general reference only. The guidelines provided may or may not be relevant for the intended use. Refer directly to the applicable standard for regulatory interpretation.

5680775-5680782 EC was determined on the DI water extract obtained from the 2:1 leaching procedure (2 parts DI water:1 part soil). pH was determined on the 0.01M CaCl2 extract prepared at 2:1 ratio. SAR is a calculated parameter.

Analysis performed at AGAT Toronto (unless marked by *)

Certified By:

Amanjot Bhela

CHARTERED AMANJOT BHELA CHEMIST

AGAT Laboratories

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Certificate of Analysis

AGAT WORK ORDER: 24L124227

PROJECT: LON-24000090-BO

CLIENT NAME: EXP SERVICES INC

ATTENTION TO: Jenny Ellison

SAMPLING SITE:Tecumseh Road

SAMPLED BY:MS

O. Reg. 153(511) - ORPs (Soil)

DATE RECEIVED: 2024-02-27 **DATE REPORTED: 2024-03-05**

		SAMPLE DESCRIPTION:		BH7 SA6
		SAMPLE TYPE:		Soil
		DATE SAMPLED:		2024-02-21
Parameter	**Unit**	**G / S**	**RDL**	**5680755**
pH, 2:1 CaCl2 Extraction	pH Units	5.0-9.0	NA	7.02

Comments: RDL - Reported Detection Limit; G / S - Guideline / Standard: Refers to Table 2: Full Depth Generic Site Condition Standards in a Potable Ground Water Condition - Soil - Industrial/Commercial/Community Property Use - Medium and Fine Textured Soils
Guideline values are for general reference only. The guidelines provided may or may not be relevant for the intended use. Refer directly to the applicable standard for regulatory interpretation.

5680755 pH was determined on the 0.01M CaCl2 extract obtained from 2:1 leaching procedure (2 parts extraction fluid:1 part wet soil).

Analysis performed at AGAT Toronto (unless marked by *)

Certified By:

AGAT Laboratories

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Certificate of Analysis

AGAT WORK ORDER: 24L124227

PROJECT: LON-24000090-BO

CLIENT NAME: EXP SERVICES INC

ATTENTION TO: Jenny Ellison

SAMPLING SITE:Tecumseh Road

SAMPLED BY:MS

O. Reg. 153(511) - OC Pesticides (Soil)

DATE RECEIVED: 2024-02-27

DATE REPORTED: 2024-03-05

		SAMPLE DESCRIPTION:		BH14 SA1	BH24 SA1
		SAMPLE TYPE:		Soil	Soil
		DATE SAMPLED:		2024-02-26	2024-02-26
Parameter	Unit	G / S	RDL	5680772	5680773
Hexachloroethane	µg/g	0.43	0.005	<0.005	<0.005
Gamma-Hexachlorocyclohexane	µg/g	0.063	0.005	<0.005	<0.005
Heptachlor	µg/g	0.19	0.005	<0.005	<0.005
Aldrin	µg/g	0.11	0.005	<0.005	<0.005
Heptachlor Epoxide	µg/g	0.05	0.005	<0.005	<0.005
Endosulfan I	µg/g		0.005	<0.005	<0.005
Endosulfan II	µg/g		0.005	<0.005	<0.005
Endosulfan	µg/g	0.38	0.005	<0.005	<0.005
Alpha-Chlordane	µg/g		0.005	<0.005	<0.005
gamma-Chlordane	µg/g		0.005	<0.005	<0.005
Chlordane	µg/g	0.05	0.007	<0.007	<0.007
op'-DDE	ug/g		0.005	<0.005	<0.005
pp'-DDE	µg/g		0.005	<0.005	<0.005
DDE	µg/g	0.65	0.007	<0.007	<0.007
op'-DDD	µg/g		0.005	<0.005	<0.005
pp'-DDD	µg/g		0.005	<0.005	<0.005
DDD	µg/g	4.6	0.007	<0.007	<0.007
op'-DDT	µg/g		0.005	<0.005	<0.005
pp'-DDT	µg/g		0.005	<0.005	<0.005
DDT (Total)	µg/g	1.4	0.007	<0.007	<0.007
Dieldrin	µg/g	0.11	0.005	<0.005	<0.005
Endrin	µg/g	0.04	0.005	<0.005	<0.005
Methoxychlor	µg/g	1.6	0.005	<0.005	<0.005
Hexachlorobenzene	µg/g	0.66	0.005	<0.005	<0.005
Hexachlorobutadiene	µg/g	0.095	0.01	<0.01	<0.01
Moisture Content	%		0.1	15.5	14.7
wet weight OC	g		0.01	10.12	10.23
Surrogate	**Unit**	**Acceptable Limits**			
TCMX	%	50-140		73	79
Decachlorobiphenyl	%	50-140		82	88

Certified By: NPopnikolof

AGAT Laboratories

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Certificate of Analysis

AGAT WORK ORDER: 24L124227

PROJECT: LON-24000090-BO

CLIENT NAME: EXP SERVICES INC

ATTENTION TO: Jenny Ellison

SAMPLING SITE:Tecumseh Road

SAMPLED BY:MS

O. Reg. 153(511) - OC Pesticides (Soil)

DATE RECEIVED: 2024-02-27

DATE REPORTED: 2024-03-05

Comments: RDL - Reported Detection Limit; G / S - Guideline / Standard: Refers to Table 2: Full Depth Generic Site Condition Standards in a Potable Ground Water Condition - Soil - Industrial/Commercial/Community Property Use - Medium and Fine Textured Soils
Guideline values are for general reference only. The guidelines provided may or may not be relevant for the intended use. Refer directly to the applicable standard for regulatory interpretation.

5680772-5680773 Results are based on the dry weight of the soil.
DDT total is a calculated parameter. The calculated value is the sum of op'DDT and pp'DDT.
DDD total is a calculated parameter. The calculated value is the sum of op'DDD and pp'DDD.
DDE total is a calculated parameter. The calculated value is the sum of op'DDE and pp'DDE.
Endosulfan total is a calculated parameter. The calculated value is the sum of Endosulfan I and Endosulfan II.
Chlordane total is a calculated parameter. The calculated value is the sum of Alpha-Chlordane and Gamma-Chlordane.
The calculated parameters are non-accredited. The parameters that are components of the calculation are accredited.

Analysis performed at AGAT Toronto (unless marked by *)

Certified By: N Popowkolof

AGAT Laboratories

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Certificate of Analysis

AGAT WORK ORDER: 24L124227

PROJECT: LON-24000090-BO

CLIENT NAME: EXP SERVICES INC

ATTENTION TO: Jenny Ellison

SAMPLING SITE:Tecumseh Road

SAMPLED BY:MS

O. Reg. 153(511) - PAHs (Soil)

DATE RECEIVED: 2024-02-27

DATE REPORTED: 2024-03-05

		SAMPLE DESCRIPTION:		BH1 SA1	BH28 SA1	BH8 SA2	BH10 SA1	BH20 SA1	BH22 SA2	BH23 SA1	BH26 SA2
		SAMPLE TYPE:		Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
		DATE SAMPLED:		2024-02-26 12:00	2024-02-26 12:00	2024-02-26 12:00	2024-02-26 12:00	2024-02-26 12:00	2024-02-26 12:00	2024-02-26 12:00	2024-02-26 12:00
Parameter	**Unit**	**G / S**	**RDL**	**5680775**	**5680776**	**5680777**	**5680778**	**5680779**	**5680780**	**5680781**	**5680782**
Naphthalene	µg/g	28	0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Acenaphthylene	µg/g	0.17	0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Acenaphthene	µg/g	29	0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Fluorene	µg/g	69	0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Phenanthrene	µg/g	16	0.05	<0.05	<0.05	<0.05	0.07	<0.05	<0.05	<0.05	<0.05
Anthracene	µg/g	0.74	0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Fluoranthene	µg/g	9.6	0.05	<0.05	<0.05	<0.05	0.14	<0.05	<0.05	<0.05	<0.05
Pyrene	µg/g	96	0.05	<0.05	<0.05	<0.05	0.13	<0.05	<0.05	<0.05	<0.05
Benz(a)anthracene	µg/g	0.96	0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Chrysene	µg/g	9.6	0.05	<0.05	<0.05	<0.05	0.06	<0.05	<0.05	<0.05	<0.05
Benzo(b)fluoranthene	µg/g	0.96	0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Benzo(k)fluoranthene	µg/g	0.96	0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Benzo(a)pyrene	µg/g	0.3	0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Indeno(1,2,3-cd)pyrene	µg/g	0.95	0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Dibenz(a,h)anthracene	µg/g	0.1	0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Benzo(g,h,i)perylene	µg/g	9.6	0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
2-and 1-methyl Naphthalene	µg/g	42	0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Moisture Content	%		0.1	15.1	12.7	15.8	14.6	16.1	5.4	4.7	4.2
Surrogate	**Unit**	**Acceptable Limits**									
Naphthalene-d8	%	50-140		75	70	70	75	70	70	70	70
Acridine-d9	%	50-140		80	85	95	95	95	85	95	110
Terphenyl-d14	%	50-140		85	80	70	70	75	85	85	90

Comments: RDL - Reported Detection Limit; G / S - Guideline / Standard: Refers to Table 2: Full Depth Generic Site Condition Standards in a Potable Ground Water Condition - Soil - Industrial/Commercial/Community Property Use - Medium and Fine Textured Soils
Guideline values are for general reference only. The guidelines provided may or may not be relevant for the intended use. Refer directly to the applicable standard for regulatory interpretation.

5680775-5680782 Results are based on the dry weight of the soil.
Note: The result for Benzo(b)Fluoranthene is the total of the Benzo(b)&j)Fluoranthene isomers because the isomers co-elute on the GC column.
2- and 1-Methyl Naphthalene is a calculated parameter. The calculated value is the sum of 2-Methyl Naphthalene and 1-Methyl Naphthalene.

Analysis performed at AGAT Toronto (unless marked by *)

Certified By: N Popnikolof

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Certificate of Analysis

AGAT WORK ORDER: 24L124227

PROJECT: LON-24000090-BO

CLIENT NAME: EXP SERVICES INC

ATTENTION TO: Jenny Ellison

SAMPLING SITE:Tecumseh Road

SAMPLED BY:MS

O. Reg. 153(511) - PHCs F1 - F4 (with VOC) (Soil)

DATE RECEIVED: 2024-02-27 **DATE REPORTED: 2024-03-05**

		SAMPLE DESCRIPTION:		BH3 SA5	BH4 SA5	BH6 SA6	BH7 SA6	BH8 SA2	BH20 SA1	BH23 SA1	BH26 SA2
		SAMPLE TYPE:		Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
		DATE SAMPLED:		2024-02-22	2024-02-22	2024-02-20	2024-02-21	2024-02-16	2024-02-20	2024-02-20	2024-02-26
Parameter	**Unit**	**G / S**	**RDL**	**5680751**	**5680753**	**5680754**	**5680755**	**5680756**	**5680757**	**5680758**	**5680759**
F1 (C6 to C10)	µg/g	65	5	<5	<5	<5	<5	<5	<5	<5	<5
F1 (C6 to C10) minus BTEX	µg/g	65	5	<5	<5	<5	<5	<5	<5	<5	<5
F2 (C10 to C16)	µg/g	250	10	<10	<10	<10	<10	<10	<10	<10	<10
F3 (C16 to C34)	µg/g	2500	50	<50	<50	<50	<50	<50	<50	<50	<50
F4 (C34 to C50)	µg/g	6600	50	<50	<50	<50	<50	<50	<50	<50	<50
Gravimetric Heavy Hydrocarbons	µg/g	6600	50	NA	NA	NA	NA	NA	NA	NA	NA
Moisture Content	%		0.1	7.1	7.5	9.7	9.5	7.9	7.9	15.8	8.2
Surrogate	**Unit**	**Acceptable Limits**									
Toluene-d8	%	50-140		103	102	105	105	109	108	103	106
Terphenyl	%	60-140		90	78	77	75	86	72	102	83

Comments: RDL - Reported Detection Limit; G / S - Guideline / Standard: Refers to Table 2: Full Depth Generic Site Condition Standards in a Potable Ground Water Condition - Soil - Industrial/Commercial/Community Property Use - Medium and Fine Textured Soils
Guideline values are for general reference only. The guidelines provided may or may not be relevant for the intended use. Refer directly to the applicable standard for regulatory interpretation.

5680751-5680759 Results are based on sample dry weight.
The C6-C10 fraction is calculated using toluene response factor.
C6–C10 (F1 minus BTEX) is a calculated parameter. The calculated value is F1 minus BTEX. The calculated parameter is non-accredited. The parameters that are components of the calculation are accredited.
The C10 - C16, C16 - C34, and C34 - C50 fractions are calculated using the average response factor for n-C10, n-C16, and n-C34.
Gravimetric Heavy Hydrocarbons are not included in the Total C16-C50 and are only determined if the chromatogram of the C34 - C50 hydrocarbons indicates that hydrocarbons >C50 are present.
The chromatogram has returned to baseline by the retention time of nC50.
Total C6 - C50 results are corrected for BTEX contribution.
This method complies with the Reference Method for the CWS PHC and is validated for use in the laboratory.
nC6 and nC10 response factors are within 30% of Toluene response factor.
nC10, nC16 and nC34 response factors are within 10% of their average.
C50 response factor is within 70% of nC10 + nC16 + nC34 average.
Linearity is within 15%.
Extraction and holding times were met for this sample.
Fractions 1-4 are quantified without the contribution of PAHs. Under Ontario Regulation 153, results are considered valid without determining the PAH contribution if not requested by the client.

Analysis performed at AGAT Toronto (unless marked by *)

Certified By: N Popowkolof

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Certificate of Analysis

AGAT WORK ORDER: 24L124227

PROJECT: LON-24000090-BO

CLIENT NAME: EXP SERVICES INC

ATTENTION TO: Jenny Ellison

SAMPLING SITE:Tecumseh Road

SAMPLED BY:MS

O. Reg. 153(511) - VOCs (with PHC) (Soil)

DATE RECEIVED: 2024-02-27 **DATE REPORTED: 2024-03-05**

		SAMPLE DESCRIPTION:		BH3 SA5	BH4 SA5	BH6 SA6	BH7 SA6	BH8 SA2	BH20 SA1	BH23 SA1	BH26 SA2
		SAMPLE TYPE:		Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
		DATE SAMPLED:		2024-02-22	2024-02-22	2024-02-20	2024-02-21	2024-02-16	2024-02-20	2024-02-20	2024-02-26
Parameter	Unit	G / S	RDL	5680751	5680753	5680754	5680755	5680756	5680757	5680758	5680759
Dichlorodifluoromethane	µg/g	25	0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Vinyl Chloride	ug/g	0.25	0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
Bromomethane	ug/g	0.05	0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Trichlorofluoromethane	ug/g	5.8	0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Acetone	ug/g	28	0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
1,1-Dichloroethylene	ug/g	0.48	0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Methylene Chloride	ug/g	2	0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Trans- 1,2-Dichloroethylene	ug/g	2.5	0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Methyl tert-butyl Ether	ug/g	2.3	0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
1,1-Dichloroethane	ug/g	0.6	0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
Methyl Ethyl Ketone	ug/g	88	0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
Cis- 1,2-Dichloroethylene	ug/g	2.5	0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
Chloroform	ug/g	0.18	0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04
1,2-Dichloroethane	ug/g	0.05	0.03	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03
1,1,1-Trichloroethane	ug/g	12	0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Carbon Tetrachloride	ug/g	0.71	0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Benzene	ug/g	0.4	0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
1,2-Dichloropropane	ug/g	0.68	0.03	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03
Trichloroethylene	ug/g	0.61	0.03	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03
Bromodichloromethane	ug/g	1.9	0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Methyl Isobutyl Ketone	ug/g	210	0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
1,1,2-Trichloroethane	ug/g	0.11	0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04
Toluene	ug/g	9	0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Dibromochloromethane	ug/g	2.9	0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Ethylene Dibromide	ug/g	0.05	0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04
Tetrachloroethylene	ug/g	2.5	0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
1,1,1,2-Tetrachloroethane	ug/g	0.11	0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04
Chlorobenzene	ug/g	2.7	0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Ethylbenzene	ug/g	1.6	0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
m & p-Xylene	ug/g		0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05

Certified By: N Popnikolof

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Certificate of Analysis

AGAT WORK ORDER: 24L124227

PROJECT: LON-24000090-BO

CLIENT NAME: EXP SERVICES INC

ATTENTION TO: Jenny Ellison

SAMPLING SITE:Tecumseh Road

SAMPLED BY:MS

O. Reg. 153(511) - VOCs (with PHC) (Soil)

DATE RECEIVED: 2024-02-27 **DATE REPORTED: 2024-03-05**

		SAMPLE DESCRIPTION:		BH3 SA5	BH4 SA5	BH6 SA6	BH7 SA6	BH8 SA2	BH20 SA1	BH23 SA1	BH26 SA2
		SAMPLE TYPE:		Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
		DATE SAMPLED:		2024-02-22	2024-02-22	2024-02-20	2024-02-21	2024-02-16	2024-02-20	2024-02-20	2024-02-26
Parameter	**Unit**	**G / S**	**RDL**	**5680751**	**5680753**	**5680754**	**5680755**	**5680756**	**5680757**	**5680758**	**5680759**
Bromoform	ug/g	1.7	0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Styrene	ug/g	43	0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
1,1,2,2-Tetrachloroethane	ug/g	0.094	0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
o-Xylene	ug/g		0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
1,3-Dichlorobenzene	ug/g	12	0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
1,4-Dichlorobenzene	ug/g	0.57	0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
1,2-Dichlorobenzene	ug/g	1.7	0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Xylenes (Total)	ug/g	30	0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
1,3-Dichloropropene (Cis + Trans)	µg/g	0.081	0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
n-Hexane	µg/g	88	0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Moisture Content	%		0.1	7.1	7.5	9.7	9.5	7.9	7.9	15.8	8.2
Surrogate	**Unit**	**Acceptable Limits**									
Toluene-d8	% Recovery	50-140		103	102	105	105	109	108	103	106
4-Bromofluorobenzene	% Recovery	50-140		90	88	92	94	93	92	89	92

Comments: RDL - Reported Detection Limit; G / S - Guideline / Standard: Refers to Table 2: Full Depth Generic Site Condition Standards in a Potable Ground Water Condition - Soil - Industrial/Commercial/Community Property Use - Medium and Fine Textured Soils
Guideline values are for general reference only. The guidelines provided may or may not be relevant for the intended use. Refer directly to the applicable standard for regulatory interpretation.

5680751-5680759 The sample was analyzed using the high level technique. The sample was extracted using methanol, a small amount of the methanol extract was diluted in water and the purge & trap GC/MS analysis was performed. Results are based on the dry weight of the soil.
Xylenes total is a calculated parameter. The calculated value is the sum of m&p-Xylene + o-Xylene.
1,3-Dichloropropene total is a calculated parameter. The calculated value is the sum of Cis-1,3-Dichloropropene and Trans-1,3-Dichloropropene.
The calculated parameters are non-accredited. The parameters that are components of the calculation are accredited.

Analysis performed at AGAT Toronto (unless marked by *)

Certified By: N Popnikolof

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Exceedance Summary

AGAT WORK ORDER: 24L124227

PROJECT: LON-24000090-BO

CLIENT NAME: EXP SERVICES INC

ATTENTION TO: Jenny Ellison

SAMPLEID	SAMPLE TITLE	GUIDELINE	ANALYSIS PACKAGE	PARAMETER	UNIT	GUIDEVALUE	RESULT
5680778	BH10 SA1	ON T2 S ICC MFT	O. Reg. 153(511) - Metals & Inorganics (Soil)	Electrical Conductivity (2:1)	mS/cm	1.4	3.83
5680781	BH23 SA1	ON T2 S ICC MFT	O. Reg. 153(511) - Metals & Inorganics (Soil)	Electrical Conductivity (2:1)	mS/cm	1.4	3.01
5680782	BH26 SA2	ON T2 S ICC MFT	O. Reg. 153(511) - Metals & Inorganics (Soil)	Electrical Conductivity (2:1)	mS/cm	1.4	4.04

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Quality Assurance

CLIENT NAME: EXP SERVICES INC

AGAT WORK ORDER: 24L124227

PROJECT: LON-24000090-BO

ATTENTION TO: Jenny Ellison

SAMPLING SITE:Tecumseh Road

SAMPLED BY:MS

Soil Analysis

RPT Date: Mar 05, 2024			DUPLICATE				REFERENCE MATERIAL			METHOD BLANK SPIKE			MATRIX SPIKE		
PARAMETER	Batch	Sample Id	Dup #1	Dup #2	RPD	Method Blank	Measured Value	Acceptable Limits		Recovery	Acceptable Limits		Recovery	Acceptable Limits	
								Lower	Upper		Lower	Upper		Lower	Upper
O. Reg. 153(511) - Metals & Inorganics (Soil)															
Antimony	5685760		<0.8	<0.8	NA	< 0.8	126%	70%	130%	103%	80%	120%	82%	70%	130%
Arsenic	5685760		2	2	NA	< 1	94%	70%	130%	109%	80%	120%	108%	70%	130%
Barium	5685760		76.7	75.3	1.8%	< 2.0	108%	70%	130%	102%	80%	120%	110%	70%	130%
Beryllium	5685760		0.6	0.6	NA	< 0.5	113%	70%	130%	99%	80%	120%	122%	70%	130%
Boron	5685760		14	15	NA	< 5	86%	70%	130%	98%	80%	120%	96%	70%	130%
Boron (Hot Water Soluble)	5680775	5680775	0.27	0.26	NA	< 0.10	92%	60%	140%	107%	70%	130%	97%	60%	140%
Cadmium	5685760		<0.5	<0.5	NA	< 0.5	89%	70%	130%	101%	80%	120%	111%	70%	130%
Chromium	5685760		20	22	NA	< 5	110%	70%	130%	103%	80%	120%	120%	70%	130%
Cobalt	5685760		7.2	7.5	4.1%	< 0.8	99%	70%	130%	110%	80%	120%	109%	70%	130%
Copper	5685760		13.3	14.2	6.5%	< 1.0	99%	70%	130%	99%	80%	120%	96%	70%	130%
Lead	5685760		6	7	15.4%	< 1	107%	70%	130%	111%	80%	120%	96%	70%	130%
Molybdenum	5685760		<0.5	<0.5	NA	< 0.5	96%	70%	130%	94%	80%	120%	113%	70%	130%
Nickel	5685760		14	14	0.0%	< 1	96%	70%	130%	100%	80%	120%	93%	70%	130%
Selenium	5685760		NA	NA	0.0%	< 0.8	105%	70%	130%	95%	80%	120%	112%	70%	130%
Silver	5685760		<0.5	<0.5	NA	< 0.5	101%	70%	130%	105%	80%	120%	103%	70%	130%
Thallium	5685760		<0.5	<0.5	NA	< 0.5	111%	70%	130%	117%	80%	120%	105%	70%	130%
Uranium	5685760		0.63	0.70	NA	< 0.50	111%	70%	130%	112%	80%	120%	107%	70%	130%
Vanadium	5685760		26.7	27.7	3.7%	< 2.0	126%	70%	130%	107%	80%	120%	111%	70%	130%
Zinc	5685760		36	40	10.5%	< 5	106%	70%	130%	96%	80%	120%	116%	70%	130%
Chromium, Hexavalent	5680777	5680777	<0.2	<0.2	NA	< 0.2	106%	70%	130%	97%	80%	120%	71%	70%	130%
Cyanide, WAD	5685442		<0.040	<0.040	NA	< 0.040	92%	70%	130%	103%	80%	120%	98%	70%	130%
Mercury	5685760		<0.10	<0.10	NA	< 0.10	98%	70%	130%	95%	80%	120%	99%	70%	130%
Electrical Conductivity (2:1)	5680775	5680775	0.265	0.261	1.5%	< 0.005	109%	80%	120%	NA			NA		
Sodium Adsorption Ratio (2:1) (Calc.)	5680816		0.582	0.596	2.4%	N/A	NA			NA			NA		
pH, 2:1 CaCl2 Extraction	5680775	5680775	6.58	6.83	3.7%	NA	99%	80%	120%	NA			NA		

Comments: NA signifies Not Applicable.
pH duplicates QA acceptance criteria was met relative as stated in Table 5-15 of Analytical Protocol document.
Duplicate NA: results are under 5X the RDL and will not be calculated.

O. Reg. 153(511) - ORPs (Soil)															
pH, 2:1 CaCl2 Extraction	5687327		6.47	6.41	0.9%	NA	99%	80%	120%	NA			NA		

Comments: NA signifies Not Applicable.
pH duplicates QA acceptance criteria was met relative as stated in Table 5-15 of Analytical Protocol document.

Certified By:

Amanjot Bhela

CHARTERED CHEMIST AMANJOT BHELA

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Quality Assurance

CLIENT NAME: EXP SERVICES INC

AGAT WORK ORDER: 24L124227

PROJECT: LON-24000090-BO

ATTENTION TO: Jenny Ellison

SAMPLING SITE:Tecumseh Road

SAMPLED BY:MS

Trace Organics Analysis

RPT Date: Mar 05, 2024			DUPLICATE				REFERENCE MATERIAL			METHOD BLANK SPIKE			MATRIX SPIKE		
PARAMETER	Batch	Sample Id	Dup #1	Dup #2	RPD	Method Blank	Measured Value	Acceptable Limits		Recovery	Acceptable Limits		Recovery	Acceptable Limits	
								Lower	Upper		Lower	Upper		Lower	Upper
O. Reg. 153(511) - PHCs F1 - F4 (with VOC) (Soil)															
F1 (C6 to C10)	5685183		<5	<5	NA	< 5	91%	60%	140%	94%	60%	140%	95%	60%	140%
F2 (C10 to C16)	5686639		12	13	NA	< 10	111%	60%	140%	81%	60%	140%	76%	60%	140%
F3 (C16 to C34)	5686639		< 50	< 50	NA	< 50	115%	60%	140%	111%	60%	140%	116%	60%	140%
F4 (C34 to C50)	5686639		< 50	< 50	NA	< 50	83%	60%	140%	112%	60%	140%	109%	60%	140%
O. Reg. 153(511) - VOCs (with PHC) (Soil)															
Dichlorodifluoromethane	5685183		<0.05	<0.05	NA	< 0.05	93%	50%	140%	86%	50%	140%	66%	50%	140%
Vinyl Chloride	5685183		<0.02	<0.02	NA	< 0.02	102%	50%	140%	114%	50%	140%	105%	50%	140%
Bromomethane	5685183		<0.05	<0.05	NA	< 0.05	101%	50%	140%	118%	50%	140%	104%	50%	140%
Trichlorofluoromethane	5685183		<0.05	<0.05	NA	< 0.05	111%	50%	140%	91%	50%	140%	77%	50%	140%
Acetone	5685183		<0.50	<0.50	NA	< 0.50	95%	50%	140%	99%	50%	140%	85%	50%	140%
1,1-Dichloroethylene	5685183		<0.05	<0.05	NA	< 0.05	74%	50%	140%	69%	60%	130%	95%	50%	140%
Methylene Chloride	5685183		<0.05	<0.05	NA	< 0.05	93%	50%	140%	96%	60%	130%	97%	50%	140%
Trans- 1,2-Dichloroethylene	5685183		<0.05	<0.05	NA	< 0.05	75%	50%	140%	77%	60%	130%	108%	50%	140%
Methyl tert-butyl Ether	5685183		<0.05	<0.05	NA	< 0.05	71%	50%	140%	72%	60%	130%	98%	50%	140%
1,1-Dichloroethane	5685183		<0.02	<0.02	NA	< 0.02	75%	50%	140%	75%	60%	130%	115%	50%	140%
Methyl Ethyl Ketone	5685183		<0.50	<0.50	NA	< 0.50	100%	50%	140%	102%	50%	140%	98%	50%	140%
Cis- 1,2-Dichloroethylene	5685183		<0.02	<0.02	NA	< 0.02	78%	50%	140%	80%	60%	130%	111%	50%	140%
Chloroform	5685183		<0.04	<0.04	NA	< 0.04	76%	50%	140%	78%	60%	130%	118%	50%	140%
1,2-Dichloroethane	5685183		<0.03	<0.03	NA	< 0.03	80%	50%	140%	71%	60%	130%	114%	50%	140%
1,1,1-Trichloroethane	5685183		<0.05	<0.05	NA	< 0.05	68%	50%	140%	81%	60%	130%	71%	50%	140%
Carbon Tetrachloride	5685183		<0.05	<0.05	NA	< 0.05	72%	50%	140%	80%	60%	130%	63%	50%	140%
Benzene	5685183		<0.02	<0.02	NA	< 0.02	78%	50%	140%	70%	60%	130%	104%	50%	140%
1,2-Dichloropropane	5685183		<0.03	<0.03	NA	< 0.03	98%	50%	140%	90%	60%	130%	93%	50%	140%
Trichloroethylene	5685183		<0.03	<0.03	NA	< 0.03	78%	50%	140%	71%	60%	130%	101%	50%	140%
Bromodichloromethane	5685183		<0.05	<0.05	NA	< 0.05	91%	50%	140%	76%	60%	130%	80%	50%	140%
Methyl Isobutyl Ketone	5685183		<0.50	<0.50	NA	< 0.50	108%	50%	140%	104%	50%	140%	79%	50%	140%
1,1,2-Trichloroethane	5685183		<0.04	<0.04	NA	< 0.04	88%	50%	140%	89%	60%	130%	117%	50%	140%
Toluene	5685183		<0.05	<0.05	NA	< 0.05	70%	50%	140%	98%	60%	130%	115%	50%	140%
Dibromochloromethane	5685183		<0.05	<0.05	NA	< 0.05	81%	50%	140%	70%	60%	130%	75%	50%	140%
Ethylene Dibromide	5685183		<0.04	<0.04	NA	< 0.04	72%	50%	140%	92%	60%	130%	78%	50%	140%
Tetrachloroethylene	5685183		<0.05	<0.05	NA	< 0.05	85%	50%	140%	96%	60%	130%	102%	50%	140%
1,1,1,2-Tetrachloroethane	5685183		<0.04	<0.04	NA	< 0.04	77%	50%	140%	68%	60%	130%	60%	50%	140%
Chlorobenzene	5685183		<0.05	<0.05	NA	< 0.05	94%	50%	140%	98%	60%	130%	113%	50%	140%
Ethylbenzene	5685183		<0.05	<0.05	NA	< 0.05	87%	50%	140%	101%	60%	130%	105%	50%	140%
m & p-Xylene	5685183		<0.05	<0.05	NA	< 0.05	113%	50%	140%	103%	60%	130%	108%	50%	140%
Bromoform	5685183		<0.05	<0.05	NA	< 0.05	69%	50%	140%	73%	60%	130%	85%	50%	140%
Styrene	5685183		<0.05	<0.05	NA	< 0.05	100%	50%	140%	78%	60%	130%	105%	50%	140%
1,1,2,2-Tetrachloroethane	5685183		<0.05	<0.05	NA	< 0.05	90%	50%	140%	101%	60%	130%	101%	50%	140%
o-Xylene	5685183		<0.05	<0.05	NA	< 0.05	89%	50%	140%	98%	60%	130%	113%	50%	140%

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Quality Assurance

CLIENT NAME: EXP SERVICES INC

AGAT WORK ORDER: 24L124227

PROJECT: LON-24000090-BO

ATTENTION TO: Jenny Ellison

SAMPLING SITE:Tecumseh Road

SAMPLED BY:MS

Trace Organics Analysis (Continued)

RPT Date: Mar 05, 2024			DUPLICATE				REFERENCE MATERIAL			METHOD BLANK SPIKE			MATRIX SPIKE		
PARAMETER	Batch	Sample Id	Dup #1	Dup #2	RPD	Method Blank	Measured Value	Acceptable Limits		Recovery	Acceptable Limits		Recovery	Acceptable Limits	
								Lower	Upper		Lower	Upper		Lower	Upper
1,3-Dichlorobenzene	5685183		<0.05	<0.05	NA	< 0.05	89%	50%	140%	91%	60%	130%	116%	50%	140%
1,4-Dichlorobenzene	5685183		<0.05	<0.05	NA	< 0.05	90%	50%	140%	89%	60%	130%	115%	50%	140%
1,2-Dichlorobenzene	5685183		<0.05	<0.05	NA	< 0.05	91%	50%	140%	88%	60%	130%	109%	50%	140%
n-Hexane	5685183		<0.05	<0.05	NA	< 0.05	79%	50%	140%	90%	60%	130%	96%	50%	140%
O. Reg. 153(511) - PHCs F1 - F4 (with VOC) (Soil)															
F2 (C10 to C16)	5685591		< 10	< 10	NA	< 10	122%	60%	140%	96%	60%	140%	97%	60%	140%
F3 (C16 to C34)	5685591		< 50	< 50	NA	< 50	121%	60%	140%	113%	60%	140%	116%	60%	140%
F4 (C34 to C50)	5685591		< 50	< 50	NA	< 50	83%	60%	140%	107%	60%	140%	87%	60%	140%
O. Reg. 153(511) - OC Pesticides (Soil)															
Hexachloroethane	5674958		< 0.005	< 0.005	NA	< 0.005	90%	50%	140%	85%	50%	140%	82%	50%	140%
Gamma-Hexachlorocyclohexane	5674958		< 0.005	< 0.005	NA	< 0.005	89%	50%	140%	89%	50%	140%	99%	50%	140%
Heptachlor	5674958		< 0.005	< 0.005	NA	< 0.005	87%	50%	140%	92%	50%	140%	97%	50%	140%
Aldrin	5674958		< 0.005	< 0.005	NA	< 0.005	103%	50%	140%	91%	50%	140%	105%	50%	140%
Heptachlor Epoxide	5674958		< 0.005	< 0.005	NA	< 0.005	90%	50%	140%	94%	50%	140%	104%	50%	140%
Endosulfan I	5674958		< 0.005	< 0.005	NA	< 0.005	89%	50%	140%	101%	50%	140%	110%	50%	140%
Endosulfan II	5674958		< 0.005	< 0.005	NA	< 0.005	87%	50%	140%	93%	50%	140%	97%	50%	140%
Alpha-Chlordane	5674958		< 0.005	< 0.005	NA	< 0.005	89%	50%	140%	105%	50%	140%	115%	50%	140%
gamma-Chlordane	5674958		< 0.005	< 0.005	NA	< 0.005	90%	50%	140%	102%	50%	140%	103%	50%	140%
op'-DDE	5674958		< 0.005	< 0.005	NA	< 0.005	98%	50%	140%	104%	50%	140%	107%	50%	140%
pp'-DDE	5674958		< 0.005	< 0.005	NA	< 0.005	89%	50%	140%	102%	50%	140%	108%	50%	140%
op'-DDD	5674958		< 0.005	< 0.005	NA	< 0.005	97%	50%	140%	102%	50%	140%	106%	50%	140%
pp'-DDD	5674958		< 0.005	< 0.005	NA	< 0.005	87%	50%	140%	103%	50%	140%	105%	50%	140%
op'-DDT	5674958		< 0.005	< 0.005	NA	< 0.005	106%	50%	140%	92%	50%	140%	96%	50%	140%
Dieldrin	5674958		< 0.005	< 0.005	NA	< 0.005	84%	50%	140%	104%	50%	140%	109%	50%	140%
Endrin	5674958		< 0.005	< 0.005	NA	< 0.005	82%	50%	140%	104%	50%	140%	108%	50%	140%
Methoxychlor	5674958		< 0.005	< 0.005	NA	< 0.005	88%	50%	140%	107%	50%	140%	117%	50%	140%
Hexachlorobenzene	5674958		< 0.005	< 0.005	NA	< 0.005	108%	50%	140%	91%	50%	140%	90%	50%	140%
Hexachlorobutadiene	5674958		< 0.01	< 0.01	NA	< 0.01	102%	50%	140%	86%	50%	140%	83%	50%	140%
O. Reg. 153(511) - PAHs (Soil)															
Naphthalene	5685762		<0.05	<0.05	NA	< 0.05	111%	50%	140%	108%	50%	140%	85%	50%	140%
Acenaphthylene	5685762		<0.05	<0.05	NA	< 0.05	106%	50%	140%	93%	50%	140%	73%	50%	140%
Acenaphthene	5685762		<0.05	<0.05	NA	< 0.05	107%	50%	140%	105%	50%	140%	75%	50%	140%
Fluorene	5685762		<0.05	<0.05	NA	< 0.05	103%	50%	140%	100%	50%	140%	75%	50%	140%
Phenanthrene	5685762		<0.05	<0.05	NA	< 0.05	111%	50%	140%	100%	50%	140%	83%	50%	140%
Anthracene	5685762		<0.05	<0.05	NA	< 0.05	98%	50%	140%	95%	50%	140%	80%	50%	140%
Fluoranthene	5685762		<0.05	<0.05	NA	< 0.05	101%	50%	140%	95%	50%	140%	103%	50%	140%
Pyrene	5685762		<0.05	<0.05	NA	< 0.05	98%	50%	140%	95%	50%	140%	85%	50%	140%
Benz(a)anthracene	5685762		<0.05	<0.05	NA	< 0.05	72%	50%	140%	80%	50%	140%	83%	50%	140%

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Quality Assurance

CLIENT NAME: EXP SERVICES INC
AGAT WORK ORDER: 24L124227
PROJECT: LON-24000090-BO
ATTENTION TO: Jenny Ellison
SAMPLING SITE:Tecumseh Road
SAMPLED BY:MS

Trace Organics Analysis (Continued)

RPT Date: Mar 05, 2024			DUPLICATE				REFERENCE MATERIAL			METHOD BLANK SPIKE			MATRIX SPIKE		
PARAMETER	Batch	Sample Id	Dup #1	Dup #2	RPD	Method Blank	Measured Value	Acceptable Limits		Recovery	Acceptable Limits		Recovery	Acceptable Limits	
								Lower	Upper		Lower	Upper		Lower	Upper
Chrysene	5685762		<0.05	<0.05	NA	< 0.05	118%	50%	140%	103%	50%	140%	78%	50%	140%
Benzo(b)fluoranthene	5685762		<0.05	<0.05	NA	< 0.05	101%	50%	140%	90%	50%	140%	90%	50%	140%
Benzo(k)fluoranthene	5685762		<0.05	<0.05	NA	< 0.05	107%	50%	140%	108%	50%	140%	88%	50%	140%
Benzo(a)pyrene	5685762		<0.05	<0.05	NA	< 0.05	75%	50%	140%	78%	50%	140%	105%	50%	140%
Indeno(1,2,3-cd)pyrene	5685762		<0.05	<0.05	NA	< 0.05	69%	50%	140%	90%	50%	140%	95%	50%	140%
Dibenz(a,h)anthracene	5685762		<0.05	<0.05	NA	< 0.05	67%	50%	140%	88%	50%	140%	58%	50%	140%
Benzo(g,h,i)perylene	5685762		<0.05	<0.05	NA	< 0.05	76%	50%	140%	98%	50%	140%	78%	50%	140%

Comments: When the average of the sample and duplicate results is less than 5x the RDL, the Relative Percent Difference (RPD) will be indicated as Not Applicable (NA).

Certified By: N Popnikolof

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Method Summary

CLIENT NAME: EXP SERVICES INC

AGAT WORK ORDER: 24L124227

PROJECT: LON-24000090-BO

ATTENTION TO: Jenny Ellison

SAMPLING SITE:Tecumseh Road

SAMPLED BY:MS

PARAMETER	AGAT S.O.P	LITERATURE REFERENCE	ANALYTICAL TECHNIQUE
Soil Analysis			
Antimony	MET-93-6103	modified from EPA 3050B and EPA 6020B and ON MOECC	ICP-MS
Arsenic	MET-93-6103	modified from EPA 3050B and EPA 6020B and ON MOECC	ICP-MS
Barium	MET-93-6103	modified from EPA 3050B and EPA 6020B and ON MOECC	ICP-MS
Beryllium	MET-93-6103	modified from EPA 3050B and EPA 6020B and ON MOECC	ICP-MS
Boron	MET-93-6103	modified from EPA 3050B and EPA 6020B and ON MOECC	ICP-MS
Boron (Hot Water Soluble)	MET-93-6104	modified from EPA 6010D and MSA PART 3, CH 21	ICP/OES
Cadmium	MET-93-6103	modified from EPA 3050B and EPA 6020B and ON MOECC	ICP-MS
Chromium	MET-93-6103	modified from EPA 3050B and EPA 6020B and ON MOECC	ICP-MS
Cobalt	MET-93-6103	modified from EPA 3050B and EPA 6020B and ON MOECC	ICP-MS
Copper	MET-93-6103	modified from EPA 3050B and EPA 6020B and ON MOECC	ICP-MS
Lead	MET-93-6103	modified from EPA 3050B and EPA 6020B and ON MOECC	ICP-MS
Molybdenum	MET-93-6103	modified from EPA 3050B and EPA 6020B and ON MOECC	ICP-MS
Nickel	MET-93-6103	modified from EPA 3050B and EPA 6020B and ON MOECC	ICP-MS
Selenium	MET-93-6103	modified from EPA 3050B and EPA 6020B and ON MOECC	ICP-MS
Silver	MET-93-6103	modified from EPA 3050B and EPA 6020B and ON MOECC	ICP-MS
Thallium	MET-93-6103	modified from EPA 3050B and EPA 6020B and ON MOECC	ICP-MS
Uranium	MET-93-6103	modified from EPA 3050B and EPA 6020B and ON MOECC	ICP-MS
Vanadium	MET-93-6103	modified from EPA 3050B and EPA 6020B and ON MOECC	ICP-MS
Zinc	MET 93 -6103	modified from EPA 3050B and EPA 6020B and ON MOECC	ICP-MS
Chromium, Hexavalent	INOR-93-6068	modified from EPA 3060 and EPA 7196	SPECTROPHOTOMETER
Cyanide, WAD	INOR-93-6052	modified from ON MOECC E3015, SM 4500-CN- I, G-387	SEGMENTED FLOW ANALYSIS
Mercury	MET-93-6103	modified from EPA 7471B and SM 3112 B	ICP-MS
Electrical Conductivity (2:1)	INOR-93-6075	modified from MSA PART 3, CH 14 and SM 2510 B	PC TITRATE
Sodium Adsorption Ratio (2:1) (Calc.)	INOR-93-6007	modified from EPA 6010D & Analytical Protocol	ICP/OES
pH, 2:1 CaCl2 Extraction	INOR-93-6075	modified from EPA 9045D, MCKEAGUE 3.11 E3137	PC TITRATE

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Method Summary

CLIENT NAME: EXP SERVICES INC

AGAT WORK ORDER: 24L124227

PROJECT: LON-24000090-BO

ATTENTION TO: Jenny Ellison

SAMPLING SITE:Tecumseh Road

SAMPLED BY:MS

PARAMETER	AGAT S.O.P	LITERATURE REFERENCE	ANALYTICAL TECHNIQUE
Trace Organics Analysis			
Hexachloroethane	ORG-91-5113	modified from EPA 3570 & 3620C & 8081B	GC/ECD
Gamma-Hexachlorocyclohexane	ORG-91-5113	modified from EPA 3570 & 3620C & 8081B	GC/ECD
Heptachlor	ORG-91-5113	modified from EPA 3570 & 3620C & 8081B	GC/ECD
Aldrin	ORG-91-5113	modified from EPA 3570 & 3620C & 8081B	GC/ECD
Heptachlor Epoxide	ORG-91-5113	modified from EPA 3570 & 3620C & 8081B	GC/ECD
Endosulfan I	ORG-91-5113	modified from EPA 3570 & 3620C & 8081B	GC/ECD
Endosulfan II	ORG-91-5113	modified from EPA 3570 & 3620C & 8081B	GC/ECD
Endosulfan	ORG-91-5113	modified from EPA 3570 & 3620C & 8081B	CALCULATION
Alpha-Chlordane	ORG-91-5113	modified from EPA 3570 & 3620C & 8081B	GC/ECD
gamma-Chlordane	ORG-91-5113	modified from EPA 3570 & 3620C & 8081B	GC/ECD
Chlordane	ORG-91-5113	modified from EPA 3570 & 3620C & 8081B	CALCULATION
op'-DDE	ORG-91-5113	modified from EPA 3570 & 3620C & 8081B	GC/ECD
pp'-DDE	ORG-91-5113	modified from EPA 3570 & 3620C & 8081B	GC/ECD
DDE	ORG-91-5113	modified from EPA 3570 & 3620C & 8081B	GC/ECD
op'-DDD	ORG-91-5113	modified from EPA 3570 & 3620C & 8081B	GC/ECD
pp'-DDD	ORG-91-5113	modified from EPA 3570 & 3620C & 8081B	GC/ECD
DDD	ORG-91-5113	modified from EPA 3570 & 3620C & 8081B	CALCULATION
op'-DDT	ORG-91-5113	modified from EPA 3570 & 3620C & 8081B	GC/ECD
pp'-DDT	ORG-91-5113	modified from EPA 3570 & 3620C & 8081B	GC/ECD
DDT (Total)	ORG-91-5113	modified from EPA 3570, 3620C & 8081B	CALCULATION
Dieldrin	ORG-91-5113	modified from EPA 3570 & 3620C & 8081B	GC/ECD
Endrin	ORG-91-5113	modified from EPA 3570 & 3620C & 8081B	GC/ECD
Methoxychlor	ORG-91-5113	modified from EPA 3570 & 3620C & 8081B	GC/ECD
Hexachlorobenzene	ORG-91-5113	modified from EPA 3570 & 3620C & 8081B	GC/ECD
Hexachlorobutadiene	ORG-91-5113	modified from EPA 3570 & 3620C & 8081B	GC/ECD
TCMX	ORG-91-5112	modified from EPA 3570 & 3620C & 8081B	GC/ECD
Decachlorobiphenyl	ORG-91-5113	modified from EPA 3570 & 3620C & 8081B	GC/ECD
Moisture Content	VOL-91-5009	modified from CCME Tier 1 Method	BALANCE

AGAT Laboratories

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MISSISSAUGA, ONTARIO
CANADA L4Z 1Y2
TEL (905)712-5100
FAX (905)712-5122
http://www.agatlabs.com

Method Summary

CLIENT NAME: EXP SERVICES INC

AGAT WORK ORDER: 24L124227

PROJECT: LON-24000090-BO

ATTENTION TO: Jenny Ellison

SAMPLING SITE:Tecumseh Road

SAMPLED BY:MS

PARAMETER	AGAT S.O.P	LITERATURE REFERENCE	ANALYTICAL TECHNIQUE
wet weight OC	ORG-91-5113		BALANCE
Naphthalene	ORG-91-5106	modified from EPA 3570 and EPA 8270E	GC/MS
Acenaphthylene	ORG-91-5106	modified from EPA 3570 and EPA 8270E	GC/MS
Acenaphthene	ORG-91-5106	modified from EPA 3570 and EPA 8270E	GC/MS
Fluorene	ORG-91-5106	modified from EPA 3570 and EPA 8270E	GC/MS
Phenanthrene	ORG-91-5106	modified from EPA 3570 and EPA 8270E	GC/MS
Anthracene	ORG-91-5106	modified from EPA 3570 and EPA 8270E	GC/MS
Fluoranthene	ORG-91-5106	modified from EPA 3570 and EPA 8270E	GC/MS
Pyrene	ORG-91-5106	modified from EPA 3570 and EPA 8270E	GC/MS
Benz(a)anthracene	ORG-91-5106	modified from EPA 3570 and EPA 8270E	GC/MS
Chrysene	ORG-91-5106	modified from EPA 3570 and EPA 8270E	GC/MS
Benzo(b)fluoranthene	ORG-91-5106	modified from EPA 3570 and EPA 8270E	GC/MS
Benzo(k)fluoranthene	ORG-91-5106	modified from EPA 3570 and EPA 8270E	GC/MS
Benzo(a)pyrene	ORG-91-5106	modified from EPA 3570 and EPA 8270E	GC/MS
Indeno(1,2,3-cd)pyrene	ORG-91-5106	modified from EPA 3570 and EPA 8270E	GC/MS
Dibenz(a,h)anthracene	ORG-91-5106	modified from EPA 3570 and EPA 8270E	GC/MS
Benzo(g,h,i)perylene	ORG-91-5106	modified from EPA 3570 and EPA 8270E	GC/MS
2-and 1-methyl Naphthalene	ORG-91-5106	modified from EPA 3570 and EPA 8270E	GC/MS
Naphthalene-d8	ORG-91-5106	modified from EPA 3570 and EPA 8270E	GC/MS
Acridine-d9	ORG-91-5106	modified from EPA 3570 and EPA 8270E	GC/MS
Terphenyl-d14	ORG-91-5106	modified from EPA 3570 and EPA 8270E	GC/MS
F1 (C6 to C10)	VOL-91-5009	modified from CCME Tier 1 Method	(P&T)GC/FID
F1 (C6 to C10) minus BTEX	VOL-91-5009	modified from CCME Tier 1 Method	(P&T)GC/FID
Toluene-d8	VOL-91- 5001	modified from EPA 5030B & EPA 8260D	(P&T)GC/MS
F2 (C10 to C16)	VOL-91-5009	modified from CCME Tier 1 Method	GC/FID
F3 (C16 to C34)	VOL-91-5009	modified from CCME Tier 1 Method	GC/FID
F4 (C34 to C50)	VOL-91-5009	modified from CCME Tier 1 Method	GC/FID
Gravimetric Heavy Hydrocarbons	VOL-91-5009	modified from CCME Tier 1 Method	BALANCE
Terphenyl	VOL-91-5009	modified from CCME Tier 1 Method	GC/FID
Dichlorodifluoromethane	VOL-91-5002	modified from EPA 5035A and EPA 8260D	(P&T)GC/MS
Vinyl Chloride	VOL-91-5002	modified from EPA 5035A and EPA 8260D	(P&T)GC/MS

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CANADA L4Z 1Y2
TEL (905)712-5100
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Method Summary

CLIENT NAME: EXP SERVICES INC

AGAT WORK ORDER: 24L124227

PROJECT: LON-24000090-BO

ATTENTION TO: Jenny Ellison

SAMPLING SITE:Tecumseh Road

SAMPLED BY:MS

PARAMETER	AGAT S.O.P	LITERATURE REFERENCE	ANALYTICAL TECHNIQUE
Bromomethane	VOL-91-5002	modified from EPA 5035A and EPA 8260D	(P&T)GC/MS
Trichlorofluoromethane	VOL-91-5002	modified from EPA 5035A and EPA 8260D	(P&T)GC/MS
Acetone	VOL-91-5002	modified from EPA 5035A and EPA 8260D	(P&T)GC/MS
1,1-Dichloroethylene	VOL-91-5002	modified from EPA 5035A and EPA 8260D	(P&T)GC/MS
Methylene Chloride	VOL-91-5002	modified from EPA 5035A and EPA 8260D	(P&T)GC/MS
Trans- 1,2-Dichloroethylene	VOL-91-5002	modified from EPA 5035A and EPA 8260D	(P&T)GC/MS
Methyl tert-butyl Ether	VOL-91-5002	modified from EPA 5035A and EPA 8260D	(P&T)GC/MS
1,1-Dichloroethane	VOL-91-5002	modified from EPA 5035A and EPA 8260D	(P&T)GC/MS
Methyl Ethyl Ketone	VOL-91-5002	modified from EPA 5035A and EPA 8260D	(P&T)GC/MS
Cis- 1,2-Dichloroethylene	VOL-91-5002	modified from EPA 5035A and EPA 8260D	(P&T)GC/MS
Chloroform	VOL-91-5002	modified from EPA 5035A and EPA 8260D	(P&T)GC/MS
1,2-Dichloroethane	VOL-91-5002	modified from EPA 5035A and EPA 8260D	(P&T)GC/MS
1,1,1-Trichloroethane	VOL-91-5002	modified from EPA 5035A and EPA 8260D	(P&T)GC/MS
Carbon Tetrachloride	VOL-91-5002	modified from EPA 5035A and EPA 8260D	(P&T)GC/MS
Benzene	VOL-91-5002	modified from EPA 5035A and EPA 8260D	(P&T)GC/MS
1,2-Dichloropropane	VOL-91-5002	modified from EPA 5035A and EPA 8260D	(P&T)GC/MS
Trichloroethylene	VOL-91-5002	modified from EPA 5035A and EPA 8260D	(P&T)GC/MS
Bromodichloromethane	VOL-91-5002	modified from EPA 5035A and EPA 8260D	(P&T)GC/MS
Methyl Isobutyl Ketone	VOL-91-5002	modified from EPA 5035A and EPA 8260D	(P&T)GC/MS
1,1,2-Trichloroethane	VOL-91-5002	modified from EPA 5035A and EPA 8260D	(P&T)GC/MS
Toluene	VOL-91-5002	modified from EPA 5035A and EPA 8260D	(P&T)GC/MS
Dibromochloromethane	VOL-91-5002	modified from EPA 5035A and EPA 8260D	(P&T)GC/MS
Ethylene Dibromide	VOL-91-5002	modified from EPA 5035A and EPA 8260D	(P&T)GC/MS
Tetrachloroethylene	VOL-91-5002	modified from EPA 5035A and EPA 8260D	(P&T)GC/MS
1,1,1,2-Tetrachloroethane	VOL-91-5002	modified from EPA 5035A and EPA 8260D	(P&T)GC/MS
Chlorobenzene	VOL-91-5002	modified from EPA 5035A and EPA 8260D	(P&T)GC/MS
Ethylbenzene	VOL-91-5002	modified from EPA 5035A and EPA 8260D	(P&T)GC/MS
m & p-Xylene	VOL-91-5002	modified from EPA 5035A and EPA 8260D	(P&T)GC/MS

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Method Summary

CLIENT NAME: EXP SERVICES INC

AGAT WORK ORDER: 24L124227

PROJECT: LON-24000090-BO

ATTENTION TO: Jenny Ellison

SAMPLING SITE:Tecumseh Road

SAMPLED BY:MS

PARAMETER	AGAT S.O.P	LITERATURE REFERENCE	ANALYTICAL TECHNIQUE
Bromoform	VOL-91-5002	modified from EPA 5035A and EPA 8260D	(P&T)GC/MS
Styrene	VOL-91-5002	modified from EPA 5035A and EPA 8260D	(P&T)GC/MS
1,1,2,2-Tetrachloroethane	VOL-91-5002	modified from EPA 5035A and EPA 8260D	(P&T)GC/MS
o-Xylene	VOL-91-5002	modified from EPA 5035A and EPA 8260D	(P&T)GC/MS
1,3-Dichlorobenzene	VOL-91-5002	modified from EPA 5035A and EPA 8260D	(P&T)GC/MS
1,4-Dichlorobenzene	VOL-91-5002	modified from EPA 5035A and EPA 8260D	(P&T)GC/MS
1,2-Dichlorobenzene	VOL-91-5002	modified from EPA 5035A and EPA 8260D	(P&T)GC/MS
Xylenes (Total)	VOL-91-5002	modified from EPA 5035A and EPA 8260D	(P&T)GC/MS
1,3-Dichloropropene (Cis + Trans)	VOL-91-5002	modified from EPA 5035A and EPA 8260D	(P&T)GC/MS
n-Hexane	VOL-91-5002	modified from EPA 5035A and EPA 8260D	(P&T)GC/MS
Toluene-d8	VOL-91-5002	modified from EPA 5035A & EPA 8260D	(P&T)GC/MS
4-Bromofluorobenzene	VOL-91-5002	modified from EPA 5035A & EPA 8260D	(P&T)GC/MS

AGAT Laboratories

5835 Coopers Avenue
Mississauga, Ontario L4Z 1Y2
Ph: 905.712.5100 Fax: 905.712.5122
webearth.agatlabs.com

Chain of Custody Record

If this is a Drinking Water sample, please use Drinking Water Chain of Custody Form (potable water consumed by humans)

Laboratory Use Only

Work Order #: 24L124227

Cooler Quantity: 1 large

Arrival Temperatures: 6.2 | 7.1 | 7.2
5.2 | 5.6 | 6.1

Custody Seal Intact: ☐ Yes ☐ No ☑ N/A

Notes: On ice

Report Information:

Company: AP Services Inc
Contact: Sennifer Allison
Address: 15701 Robin's Hill Road, London
Phone: 519-963-3000 Fax:
Reports to be sent to:
1. Email: Sennifer.Allison@eap.com
2. Email:

Regulatory Requirements:

(Please check all applicable boxes)

☑ Regulation 153/04 — Table 2 (Indicate One) — ☐ Ind/Com ☐ Res/Park ☐ Agriculture
Soil Texture (Check One): ☐ Coarse ☑ Fine

☐ Excess Soils R406 — Table (Indicate One)
☐ Regulation 558
☐ CCME

☐ Sewer Use ☐ Sanitary ☐ Storm — (Region)
☐ Prov. Water Quality Objectives (PWQO)
☐ Other (Indicate One)

Is this submission for a **Record of Site Condition?** ☐ Yes ☑ No

Report Guideline on Certificate of Analysis ☑ Yes ☐ No

Turnaround Time (TAT) Required:

Regular TAT ☑ 5 to 7 Business Days

Rush TAT (Rush Surcharges Apply)

☐ 3 Business Days ☐ 2 Business Days ☐ Next Business Day

OR Date Required (Rush Surcharges May Apply):

Please provide prior notification for rush TAT
*TAT is exclusive of weekends and statutory holidays

For 'Same Day' analysis, please contact your AGAT CPM

Project Information:

Project: 60N-d4000090-B0
Site Location: Tecumseh Road
Sampled By: MS
AGAT Quote #: PO:
Please note: If quotation number is not provided, client will be billed full price for analysis.

Invoice Information:

Bill To Same: Yes ☐ No ☑

Company:
Contact:
Address:
Email:

Sample Matrix Legend

B	Biota
GW	Ground Water
O	Oil
P	Paint
S	Soil
SD	Sediment
SW	Surface Water

Sample Identification	Date Sampled	Time Sampled	# of Containers	Sample Matrix	Comments/ Special Instructions	Field Filtered - Metals, Hg, CrVI, DOC (Y/N)	O. Reg 153: Metals & Inorganics	Metals - ☐ CrVI, ☐ Hg, ☐ HWSB	BTEX, F1-F4 PHCs	PAHs	PCBs	VOC	Aroclors	O. Reg 558: Landfill Disposal Characterization TCLP: ☐ M&I ☐ VOCs ☐ ABNs ☐ B(a)P ☐ PCBs	O. Reg 406: Excess Soils SPLP Rainwater Leach SPLP: ☐ Metals ☐ VOCs ☐ SVOCs	Excess Soils Characterization Package pH, ICPMS Metals, BTEX, F1-F4	Corrosivity: Include Moisture ☐ Sulphide ☐	pH	OC Pest					Potentially Hazardous or High Concentration (Y/N)
BH3 SA5	Feb 22/24	AM/PM	2	Soil					X			X												
BH4 SA5	Feb 22/24	AM/PM	↓	↓					X			X												
BH6 SA6	Feb 20/24	AM/PM							X			X												
BH7 SA6	Feb 21/24	AM/PM							X			X						X						
BH8 SA4	Feb 16/24	AM/PM							X			X												
BH20 SA1	Feb 20/24	AM/PM							X			X												
BH23 SA1	Feb 20/24	AM/PM							X			X												
BH26 SA2	Feb 16/24	AM/PM	↓	↓					X			X												
		AM/PM																						
BH 14 SA1	Feb 16/24	PM	AM/PM	1	Soil																X			
BH24 JA1	Feb 16/24	PM	AM/PM	1	Soil																X			

Samples Relinquished By (Print Name and Sign):	Date	Time	Samples Received By (Print Name and Sign):	Date	Time
Sarah Lahey	Feb. 27/24	1:55PM	J. Smith	24 02 27	1:55
Samples Relinquished By (Print Name and Sign):	Date	Time	Samples Received By (Print Name and Sign):	Date	Time
				02/28/24	2:38pm
Samples Relinquished By (Print Name and Sign):	Date	Time	Samples Received By (Print Name and Sign):	Date	Time

Page 1 of 2

N°: T-139780

AGAT Laboratories

5835 Coopers Avenue
Mississauga, Ontario L4Z 1Y2
Ph: 905.712.5100 Fax: 905.712.5122
webearth.agatlabs.com

Chain of Custody Record

If this is a Drinking Water sample, please use Drinking Water Chain of Custody Form (potable water consumed by humans)

Laboratory Use Only

Work Order #: 24L124227

Cooler Quantity: 1 large

Arrival Temperatures: 6.2 | 7.1 | 7.2
5.7 | 5.6 | 6.1

Custody Seal Intact: ☐ Yes ☐ No ☑ N/A

Notes: on ice

Report Information:

Company: GHD servicy inc.
Contact: Jennifer Ellison
Address: 15701 Robin's Hill Road, London
Phone: 519 963 3000 Fax:
Reports to be sent to:
1. Email: Jennifer.Ellison@exp.com
2. Email:

Regulatory Requirements:

(Please check all applicable boxes)

☑ Regulation 153/04 ☐ Excess Soils R406 ☐ Sewer Use ☐ Sanitary ☐ Storm

Table (Indicate One): ☑ Ind/Com ☐ Res/Park ☐ Agriculture

Soil Texture (Check One): ☐ Coarse ☑ Fine

Table (Indicate One)

☐ Regulation 558 ☐ CCME

☐ Prov. Water Quality Objectives (PWQO) ☐ Other

Region / Indicate One

Is this submission for a **Record of Site Condition?** ☐ Yes ☑ No

Report Guideline on *Certificate of Analysis* ☑ Yes ☐ No

Turnaround Time (TAT) Required:

Regular TAT ☑ 5 to 7 Business Days

Rush TAT (Rush Surcharges Apply)

☐ 3 Business Days ☐ 2 Business Days ☐ Next Business Day

OR Date Required (Rush Surcharges May Apply):

Please provide prior notification for rush TAT
**TAT is exclusive of weekends and statutory holidays*

For 'Same Day' analysis, please contact your AGAT CPM

Project Information:

Project: LON-0400090-B0
Site Location: Tecumseh Road
Sampled By: M.S
AGAT Quote #: PO:
Please note: If quotation number is not provided, client will be billed full price for analysis.

Invoice Information:

Bill To Same: Yes ☑ No ☐

Company:
Contact:
Address:
Email:

Sample Matrix Legend

B	Biota
GW	Ground Water
O	Oil
P	Paint
S	Soil
SD	Sediment
SW	Surface Water

Sample Identification	Date Sampled	Time Sampled	# of Containers	Sample Matrix	Comments/ Special Instructions	Field Filtered - Metals, Hg, CrVI, DOC Y/N	O. Reg 153: Metals & Inorganics	Metals - ☐ CrVI, ☐ Hg, ☐ HWSB	BTEX, F1-F4 PHCs	PAHs	PCBs	VOC	Arociors	O. Reg 558: Landfill Disposal Characterization TCLP: ☐ M&I ☐ VOCs ☐ ABNs ☐ B(a)P ☐ PCBs	O. Reg 406: Excess Soils SPLP Rainwater Leach SPLP: ☐ Metals ☐ VOCs ☐ SVOCs	Excess Soils Characterization Package pH, ICPMS Metals, BTEX, F1-F4	Corrosivity: Include Moisture ☐ Sulphide ☐	Potentially Hazardous or High Concentration (Y/N)
BH1 SA1	Feb 6/24	~~Feb 6/24~~ AM PM	~~2~~ 2	~~Bo~~ B, O, 1			X			X								
BH 28 SA 1	1	PM AM PM	1	1			X			X								
BH8 SA2		AM PM					X			X								
BH 10 SA1		AM PM					X			X								
BH 20 SA1		AM PM					X			X								
BH 22 SA2		AM PM					X			X								
BH 23 SA1		AM PM					X			X								
BH 26 SA2	↓	↓ AM PM	↓	↓			X			X								
		AM PM																
		AM PM																
		AM PM																

Samples Relinquished By (Print Name and Sign): Sarah Lahey	Date Feb 7/24	Time 1:55 PM	Samples Received By (Print Name and Sign): J. Smith	Date 24-02-27	Time 1:55		
Samples Relinquished By (Print Name and Sign):	Date	Time	Samples Received By (Print Name and Sign):	Date 02/28/24	Time 2:30pm	Page 2 of 12	
Samples Relinquished By (Print Name and Sign):	Date	Time	Samples Received By (Print Name and Sign):	Date	Time	N°: T - 139781	

Document ID: DIV-78-1511.022

Pink Copy - Client | Yellow Copy - AGAT | White Copy- AGAT

Appendix C:
Laboratory Certificate of Analysis Sheets - Groundwater

AGAT Laboratories

5835 COOPERS AVENUE
MISSISSAUGA, ONTARIO
CANADA L4Z 1Y2
TEL (905)712-5100
FAX (905)712-5122
http://www.agatlabs.com

CLIENT NAME: EXP SERVICES INC
15701 Robin's Hill Road #2
LONDON, ON N5V0A5
(519) 963-3000
ATTENTION TO: Jennifer Ellison
PROJECT: 24000090-BO
AGAT WORK ORDER: 24L131564
TRACE ORGANICS REVIEWED BY: Pinkal Patel, Report Reviewer
DATE REPORTED: Mar 27, 2024
PAGES (INCLUDING COVER): 9
VERSION*: 1

Should you require any information regarding this analysis please contact your client services representative at (905) 712-5100

Notes

Disclaimer:

- *All work conducted herein has been done using accepted standard protocols, and generally accepted practices and methods. AGAT test methods may incorporate modifications from the specified reference methods to improve performance.*
- *All samples will be disposed of within 30 days after receipt unless a Long Term Storage Agreement is signed and returned. Some specialty analysis may be exempt, please contact your Client Project Manager for details.*
- *AGAT's liability in connection with any delay, performance or non-performance of these services is only to the Client and does not extend to any other third party. Unless expressly agreed otherwise in writing, AGAT's liability is limited to the actual cost of the specific analysis or analyses included in the services.*
- *This Certificate shall not be reproduced except in full, without the written approval of the laboratory.*
- *The test results reported herewith relate only to the samples as received by the laboratory.*
- *Application of guidelines is provided "as is" without warranty of any kind, either expressed or implied, including, but not limited to, warranties of merchantability, fitness for a particular purpose, or non-infringement. AGAT assumes no responsibility for any errors or omissions in the guidelines contained in this document.*
- *All reportable information as specified by ISO/IEC 17025:2017 is available from AGAT Laboratories upon request.*

AGAT Laboratories

5835 COOPERS AVENUE
MISSISSAUGA, ONTARIO
CANADA L4Z 1Y2
TEL (905)712-5100
FAX (905)712-5122
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 24L131564

PROJECT: 24000090-BO

CLIENT NAME: EXP SERVICES INC

ATTENTION TO: Jennifer Ellison

SAMPLING SITE:Tecumseh Rd E, Windsor

SAMPLED BY:DD

O. Reg. 153(511) - PHCs F1 - F4 (with VOC) (Water)

DATE RECEIVED: 2024-03-20 **DATE REPORTED: 2024-03-27**

				SAMPLE DESCRIPTION:	BH6/MW	BH7/MW
				SAMPLE TYPE:	Water	Water
				DATE SAMPLED:	2024-03-20 12:40	2024-03-20 12:00
Parameter	**Unit**	**G / S**	**RDL**		**5747025**	**5747027**
F1 (C6 to C10)	µg/L	750	25		<25	<25
F1 (C6 to C10) minus BTEX	µg/L	750	25		<25	<25
F2 (C10 to C16)	µg/L	150	100		<100	<100
F3 (C16 to C34)	µg/L	500	100		<100	<100
F4 (C34 to C50)	µg/L	500	100		<100	<100
Gravimetric Heavy Hydrocarbons	µg/L		500		NA	NA
Sediment					1	1
Surrogate	**Unit**	**Acceptable Limits**				
Toluene-d8	%	50-140			101	100
Terphenyl	% Recovery	60-140			70	85

Comments: RDL - Reported Detection Limit; G / S - Guideline / Standard: Refers to Table 3: Full Depth Generic Site Condition Standards in a Non-Potable Ground Water Condition - Non-Potable Ground Water - All Types of Property Uses - Medium and Fine Textured Soils
Guideline values are for general reference only. The guidelines provided may or may not be relevant for the intended use. Refer directly to the applicable standard for regulatory interpretation.

5747025-5747027 The C6-C10 fraction is calculated using Toluene response factor.
Xylenes total is a calculated parameter. The calculated value is the sum of m&p-Xylene and o-Xylene.
C6–C10 (F1 minus BTEX) is a calculated parameter. The calculated value is F1 minus BTEX.
The calculated parameters are non-accredited. The parameters that are components of the calculation are accredited.
The C10 - C16, C16 - C34, and C34 - C50 fractions are calculated using the average response factor for n-C10, n-C16, and nC34.
Gravimetric Heavy Hydrocarbons are not included in the Total C16 - C50 and are only determined if the chromatogram of the C34 - C50 Hydrocarbons indicated that hydrocarbons >C50 are present.
The chromatogram has returned to baseline by the retention time of nC50.
Total C6-C50 results are corrected for BTEX contribution.
This method complies with the Reference Method for the CWS PHC and is validated for use in the laboratory.
nC6 and nC10 response factors are within 30% of Toluene response factor.
nC10, nC16 and nC34 response factors are within 10% of their average.
C50 response factor is within 70% of nC10 + nC16 nC34 average.
Linearity is within 15%.
Extraction and holding times were met for this sample.
Fractions 1-4 are quantified with the contribution of PAHs. Under Ontario Regulation 153/04, results are considered valid without determining the PAH contribution if not requested by the client.
NA = Not Applicable

Sediment parameter is comment only based on visual inspection of the sample prior to extraction and is not an accredited test.
Legend: 1 = no sediment present; 2 = sediment present; 3 = sediment present in trace amounts

Analysis performed at AGAT Toronto (unless marked by *)

Certified By:

AGAT Laboratories

5835 COOPERS AVENUE
MISSISSAUGA, ONTARIO
CANADA L4Z 1Y2
TEL (905)712-5100
FAX (905)712-5122
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 24L131564

PROJECT: 24000090-BO

CLIENT NAME: EXP SERVICES INC

ATTENTION TO: Jennifer Ellison

SAMPLING SITE:Tecumseh Rd E, Windsor

SAMPLED BY:DD

O. Reg. 153(511) - VOCs (with PHC) (Water)

DATE RECEIVED: 2024-03-20

DATE REPORTED: 2024-03-27

		SAMPLE DESCRIPTION:		BH6/MW	BH7/MW
		SAMPLE TYPE:		Water	Water
		DATE SAMPLED:		2024-03-20 12:40	2024-03-20 12:00
Parameter	Unit	G / S	RDL	5747025	5747027
Acetone	µg/L	130000	1.0	<1.0	<1.0
Benzene	µg/L	430	0.20	<0.20	<0.20
Bromodichloromethane	µg/L	85000	0.20	<0.20	<0.20
Bromoform	µg/L	770	0.10	<0.10	<0.10
Bromomethane	µg/L	56	0.20	<0.20	<0.20
Carbon Tetrachloride	µg/L	8.4	0.20	<0.20	<0.20
Chlorobenzene	µg/L	630	0.10	<0.10	<0.10
Chloroform	µg/L	22	0.20	<0.20	<0.20
Dibromochloromethane	µg/L	82000	0.10	<0.10	<0.10
1,4-Dichlorobenzene	µg/L	67	0.10	<0.10	<0.10
1,2-Dichlorobenzene	µg/L	9600	0.10	<0.10	<0.10
1,3-Dichlorobenzene	µg/L	9600	0.10	<0.10	<0.10
Dichlorodifluoromethane	µg/L	4400	0.40	<0.40	<0.40
1,2-Dichloroethane	µg/L	12	0.20	<0.20	<0.20
1,1-Dichloroethane	µg/L	3100	0.30	<0.30	<0.30
1,1-Dichloroethylene	µg/L	17	0.30	<0.30	<0.30
1,2-Dichloropropane	µg/L	140	0.20	<0.20	<0.20
1,3-Dichloropropene	µg/L	45	0.30	<0.30	<0.30
Ethylbenzene	µg/L	2300	0.10	<0.10	<0.10
Ethylene Dibromide	µg/L	0.83	0.10	<0.10	<0.10
Methyl Ethyl Ketone	µg/L	1500000	1.0	<1.0	<1.0
Methyl Isobutyl Ketone	µg/L	580000	1.0	<1.0	<1.0
Methyl tert-butyl ether	µg/L	1400	0.20	<0.20	<0.20
Methylene Chloride	µg/L	5500	0.30	<0.30	<0.30
Styrene	µg/L	9100	0.10	<0.10	<0.10
1,1,2,2-Tetrachloroethane	µg/L	15	0.10	<0.10	<0.10
1,1,1,2-Tetrachloroethane	µg/L	28	0.10	<0.10	<0.10
Tetrachloroethylene	µg/L	17	0.20	<0.20	<0.20
Toluene	µg/L	18000	0.20	<0.20	<0.20

Certified By:

AGAT Laboratories

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Certificate of Analysis

AGAT WORK ORDER: 24L131564

PROJECT: 24000090-BO

CLIENT NAME: EXP SERVICES INC

ATTENTION TO: Jennifer Ellison

SAMPLING SITE:Tecumseh Rd E, Windsor

SAMPLED BY:DD

O. Reg. 153(511) - VOCs (with PHC) (Water)

DATE RECEIVED: 2024-03-20 **DATE REPORTED: 2024-03-27**

				SAMPLE DESCRIPTION:	BH6/MW	BH7/MW
				SAMPLE TYPE:	Water	Water
				DATE SAMPLED:	2024-03-20 12:40	2024-03-20 12:00
Parameter	**Unit**	**G / S**	**RDL**		**5747025**	**5747027**
1,1,2-Trichloroethane	µg/L	30	0.20		<0.20	<0.20
1,1,1-Trichloroethane	µg/L	6700	0.30		<0.30	<0.30
Trichloroethylene	µg/L	17	0.20		<0.20	<0.20
Trichlorofluoromethane	µg/L	2500	0.40		<0.40	<0.40
Vinyl Chloride	µg/L	1.7	0.17		<0.17	<0.17
Xylenes (Total)	µg/L	4200	0.20		<0.20	<0.20
cis- 1,2-Dichloroethylene	µg/L	17	0.20		<0.20	<0.20
m & p-Xylene	µg/L		0.20		<0.20	<0.20
n-Hexane	µg/L	520	0.20		<0.20	<0.20
o-Xylene	µg/L		0.10		<0.10	<0.10
trans- 1,2-Dichloroethylene	µg/L	17	0.20		<0.20	<0.20
Surrogate	**Unit**	**Acceptable Limits**				
4-Bromofluorobenzene	% Recovery	50-140			84	82
Toluene-d8	% Recovery	50-140			101	100

Comments: RDL - Reported Detection Limit; G / S - Guideline / Standard: Refers to Table 3: Full Depth Generic Site Condition Standards in a Non-Potable Ground Water Condition - Non-Potable Ground Water - All Types of Property Uses - Medium and Fine Textured Soils
Guideline values are for general reference only. The guidelines provided may or may not be relevant for the intended use. Refer directly to the applicable standard for regulatory interpretation.

5747025-5747027 Xylenes total is a calculated parameter. The calculated value is the sum of m&p-Xylene and o-Xylene.
1,3-Dichloropropene total is a calculated parameter. The calculated value is the sum of Cis-1,3-Dichloropropene and Trans-1,3-Dichloropropene.
The calculated parameter is non-accredited. The parameters that are components of the calculation are accredited.

Analysis performed at AGAT Toronto (unless marked by *)

Certified By: Jinkal Patel

AGAT Laboratories

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Quality Assurance

CLIENT NAME: EXP SERVICES INC

AGAT WORK ORDER: 24L131564

PROJECT: 24000090-BO

ATTENTION TO: Jennifer Ellison

SAMPLING SITE:Tecumseh Rd E, Windsor

SAMPLED BY:DD

Trace Organics Analysis

RPT Date: Mar 27, 2024			DUPLICATE				REFERENCE MATERIAL			METHOD BLANK SPIKE			MATRIX SPIKE		
PARAMETER	Batch	Sample Id	Dup #1	Dup #2	RPD	Method Blank	Measured Value	Acceptable Limits		Recovery	Acceptable Limits		Recovery	Acceptable Limits	
								Lower	Upper		Lower	Upper		Lower	Upper
O. Reg. 153(511) - PHCs F1 - F4 (with VOC) (Water)															
F1 (C6 to C10)	5746858		<25	<25	NA	< 25	84%	60%	140%	82%	60%	140%	91%	60%	140%
F2 (C10 to C16)	5738874		< 100	< 100	NA	< 100	108%	60%	140%	84%	60%	140%	91%	60%	140%
F3 (C16 to C34)	5738874		< 100	< 100	NA	< 100	99%	60%	140%	80%	60%	140%	77%	60%	140%
F4 (C34 to C50)	5738874		< 100	< 100	NA	< 100	85%	60%	140%	63%	60%	140%	71%	60%	140%
O. Reg. 153(511) - VOCs (with PHC) (Water)															
Acetone	5746858		<1.0	<1.0	NA	< 1.0	88%	50%	140%	81%	50%	140%	112%	50%	140%
Benzene	5746858		<0.20	<0.20	NA	< 0.20	95%	50%	140%	113%	60%	130%	103%	50%	140%
Bromodichloromethane	5746858		<0.20	<0.20	NA	< 0.20	71%	50%	140%	71%	60%	130%	77%	50%	140%
Bromoform	5746858		<0.10	<0.10	NA	< 0.10	82%	50%	140%	97%	60%	130%	83%	50%	140%
Bromomethane	5746858		<0.20	<0.20	NA	< 0.20	96%	50%	140%	95%	50%	140%	80%	50%	140%
Carbon Tetrachloride	5746858		<0.20	<0.20	NA	< 0.20	73%	50%	140%	73%	60%	130%	80%	50%	140%
Chlorobenzene	5746858		<0.10	<0.10	NA	< 0.10	71%	50%	140%	86%	60%	130%	78%	50%	140%
Chloroform	5746858		<0.20	<0.20	NA	< 0.20	74%	50%	140%	90%	60%	130%	78%	50%	140%
Dibromochloromethane	5746858		<0.10	<0.10	NA	< 0.10	86%	50%	140%	83%	60%	130%	87%	50%	140%
1,4-Dichlorobenzene	5746858		<0.10	<0.10	NA	< 0.10	93%	50%	140%	110%	60%	130%	92%	50%	140%
1,2-Dichlorobenzene	5746858		<0.10	<0.10	NA	< 0.10	78%	50%	140%	86%	60%	130%	72%	50%	140%
1,3-Dichlorobenzene	5746858		<0.10	<0.10	NA	< 0.10	81%	50%	140%	94%	60%	130%	77%	50%	140%
Dichlorodifluoromethane	5746858		<0.40	<0.40	NA	< 0.40	96%	50%	140%	70%	50%	140%	83%	50%	140%
1,2-Dichloroethane	5746858		<0.20	<0.20	NA	< 0.20	81%	50%	140%	82%	60%	130%	97%	50%	140%
1,1-Dichloroethane	5746858		<0.30	<0.30	NA	< 0.30	96%	50%	140%	94%	60%	130%	100%	50%	140%
1,1-Dichloroethylene	5746858		<0.30	<0.30	NA	< 0.30	73%	50%	140%	90%	60%	130%	103%	50%	140%
1,2-Dichloropropane	5746858		<0.20	<0.20	NA	< 0.20	100%	50%	140%	80%	60%	130%	83%	50%	140%
Ethylbenzene	5746858		<0.10	<0.10	NA	< 0.10	71%	50%	140%	86%	60%	130%	72%	50%	140%
Ethylene Dibromide	5746858		<0.10	<0.10	NA	< 0.10	84%	50%	140%	92%	60%	130%	108%	50%	140%
Methyl Ethyl Ketone	5746858		<1.0	<1.0	NA	< 1.0	96%	50%	140%	81%	50%	140%	66%	50%	140%
Methyl Isobutyl Ketone	5746858		<1.0	<1.0	NA	< 1.0	98%	50%	140%	97%	50%	140%	88%	50%	140%
Methyl tert-butyl ether	5746858		<0.20	<0.20	NA	< 0.20	76%	50%	140%	95%	60%	130%	93%	50%	140%
Methylene Chloride	5746858		<0.30	<0.30	NA	< 0.30	81%	50%	140%	110%	60%	130%	112%	50%	140%
Styrene	5746858		<0.10	<0.10	NA	< 0.10	82%	50%	140%	92%	60%	130%	71%	50%	140%
1,1,2,2-Tetrachloroethane	5746858		<0.10	<0.10	NA	< 0.10	100%	50%	140%	113%	60%	130%	87%	50%	140%
1,1,1,2-Tetrachloroethane	5746858		<0.10	<0.10	NA	< 0.10	106%	50%	140%	119%	60%	130%	116%	50%	140%
Tetrachloroethylene	5746858		<0.20	<0.20	NA	< 0.20	95%	50%	140%	107%	60%	130%	98%	50%	140%
Toluene	5746858		<0.20	<0.20	NA	< 0.20	77%	50%	140%	93%	60%	130%	108%	50%	140%
1,1,2-Trichloroethane	5746858		<0.20	<0.20	NA	< 0.20	72%	50%	140%	76%	60%	130%	81%	50%	140%
1,1,1-Trichloroethane	5746858		<0.30	<0.30	NA	< 0.30	71%	50%	140%	77%	60%	130%	78%	50%	140%
Trichloroethylene	5746858		<0.20	<0.20	NA	< 0.20	72%	50%	140%	85%	60%	130%	99%	50%	140%
Trichlorofluoromethane	5746858		<0.40	<0.40	NA	< 0.40	79%	50%	140%	77%	50%	140%	75%	50%	140%
Vinyl Chloride	5746858		<0.17	<0.17	NA	< 0.17	106%	50%	140%	96%	50%	140%	88%	50%	140%
cis- 1,2-Dichloroethylene	5746858		<0.20	<0.20	NA	< 0.20	73%	50%	140%	89%	60%	130%	79%	50%	140%

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Quality Assurance

CLIENT NAME: EXP SERVICES INC

AGAT WORK ORDER: 24L131564

PROJECT: 24000090-BO

ATTENTION TO: Jennifer Ellison

SAMPLING SITE:Tecumseh Rd E, Windsor

SAMPLED BY:DD

Trace Organics Analysis (Continued)

RPT Date: Mar 27, 2024			DUPLICATE				REFERENCE MATERIAL			METHOD BLANK SPIKE			MATRIX SPIKE		
PARAMETER	Batch	Sample Id	Dup #1	Dup #2	RPD	Method Blank	Measured Value	Acceptable Limits		Recovery	Acceptable Limits		Recovery	Acceptable Limits	
								Lower	Upper		Lower	Upper		Lower	Upper
m & p-Xylene	5746858		<0.20	<0.20	NA	< 0.20	88%	50%	140%	94%	60%	130%	88%	50%	140%
n-Hexane	5746858		<0.20	<0.20	NA	< 0.20	76%	50%	140%	80%	60%	130%	94%	50%	140%
o-Xylene	5746858		<0.10	<0.10	NA	< 0.10	79%	50%	140%	89%	60%	130%	75%	50%	140%
trans- 1,2-Dichloroethylene	5746858		<0.20	<0.20	NA	< 0.20	73%	50%	140%	93%	60%	130%	97%	50%	140%

Comments: When the average of the sample and duplicate results is less than 5x the RDL, the Relative Percent Difference (RPD) will be indicated as Not Applicable (NA).

Certified By:

AGAT Laboratories

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Method Summary

CLIENT NAME: EXP SERVICES INC

AGAT WORK ORDER: 24L131564

PROJECT: 24000090-BO

ATTENTION TO: Jennifer Ellison

SAMPLING SITE:Tecumseh Rd E, Windsor

SAMPLED BY:DD

PARAMETER	AGAT S.O.P	LITERATURE REFERENCE	ANALYTICAL TECHNIQUE
Trace Organics Analysis			
F1 (C6 to C10)	VOL-91-5010	modified from MOE PHC-E3421	(P&T)GC/FID
F1 (C6 to C10) minus BTEX	VOL-91-5010	modified from MOE PHC-E3421	(P&T)GC/FID
Toluene-d8	VOL-91- 5001	modified from EPA 5030B & EPA 8260D	(P&T)GC/MS
F2 (C10 to C16)	VOL-91-5010	modified from MOE PHC-E3421	GC/FID
F3 (C16 to C34)	VOL-91-5010	modified from MOE PHC-E3421	GC/FID
F4 (C34 to C50)	VOL-91-5010	modified from MOE PHC-E3421	GC/FID
Gravimetric Heavy Hydrocarbons	VOL-91-5010	modified from MOE PHC-E3421	BALANCE
Terphenyl	VOL-91-5010	modified from MOE PHC-E3421	GC/FID
Sediment			N/A
Acetone	VOL-91-5001	modified from EPA 5030B & EPA 8260D	(P&T)GC/MS
Benzene	VOL-91-5001	modified from EPA 5030B & EPA 8260D	(P&T)GC/MS
Bromodichloromethane	VOL-91-5001	modified from EPA 5030B & EPA 8260D	(P&T)GC/MS
4-Bromofluorobenzene	VOL-91-5001	modified from EPA 5030B & EPA 8260D	(P&T)GC/MS
Bromoform	VOL-91-5001	modified from EPA 5030B & EPA 8260D	(P&T)GC/MS
Bromomethane	VOL-91-5001	modified from EPA 5030B & EPA 8260D	(P&T)GC/MS
Carbon Tetrachloride	VOL-91-5001	modified from EPA 5030B & EPA 8260D	(P&T)GC/MS
Chlorobenzene	VOL-91-5001	modified from EPA 5030B & EPA 8260D	(P&T)GC/MS
Chloroform	VOL-91-5001	modified from EPA 5030B & EPA 8260D	(P&T)GC/MS
Dibromochloromethane	VOL-91-5001	modified from EPA 5030B & EPA 8260D	(P&T)GC/MS
1,4-Dichlorobenzene	VOL-91-5001	modified from EPA 5030B & EPA 8260D	(P&T)GC/MS
1,2-Dichlorobenzene	VOL-91-5001	modified from EPA 5030B & EPA 8260D	(P&T)GC/MS
1,3-Dichlorobenzene	VOL-91-5001	modified from EPA 5030B & EPA 8260D	(P&T)GC/MS
Dichlorodifluoromethane	VOL-91-5001	modified from EPA 5030B & EPA 8260D	(P&T)GC/MS
1,2-Dichloroethane	VOL-91-5001	modified from EPA 5030B & EPA 8260D	(P&T)GC/MS
1,1-Dichloroethane	VOL-91-5001	modified from EPA 5030B & EPA 8260D	(P&T)GC/MS
1,1-Dichloroethylene	VOL-91-5001	modified from EPA 5030B & EPA 8260D	(P&T)GC/MS
1,2-Dichloropropane	VOL-91-5001	modified from EPA 5030B & EPA 8260D	(P&T)GC/MS
1,3-Dichloropropene	VOL-91-5001	modified from EPA 5030B & EPA 8260D	(P&T)GC/MS
Ethylbenzene	VOL-91-5001	modified from EPA 5030B & EPA 8260D	(P&T)GC/MS
Ethylene Dibromide	VOL-91-5001	modified from EPA 5030B & EPA 8260D	(P&T)GC/MS
Methyl Ethyl Ketone	VOL-91-5001	modified from EPA 5030B & EPA 8260D	(P&T)GC/MS

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Method Summary

CLIENT NAME: EXP SERVICES INC

AGAT WORK ORDER: 24L131564

PROJECT: 24000090-BO

ATTENTION TO: Jennifer Ellison

SAMPLING SITE:Tecumseh Rd E, Windsor

SAMPLED BY:DD

PARAMETER	AGAT S.O.P	LITERATURE REFERENCE	ANALYTICAL TECHNIQUE
Methyl Isobutyl Ketone	VOL-91-5001	modified from EPA 5030B & EPA 8260D	(P&T)GC/MS
Methyl tert-butyl ether	VOL-91-5001	modified from EPA 5030B & EPA 8260D	(P&T)GC/MS
Methylene Chloride	VOL-91-5001	modified from EPA 5030B & EPA 8260D	(P&T)GC/MS
Styrene	VOL-91-5001	modified from EPA 5030B & EPA 8260D	(P&T)GC/MS
1,1,2,2-Tetrachloroethane	VOL-91-5001	modified from EPA 5030B & EPA 8260D	(P&T)GC/MS
1,1,1,2-Tetrachloroethane	VOL-91-5001	modified from EPA 5030B & EPA 8260D	(P&T)GC/MS
Tetrachloroethylene	VOL-91-5001	modified from EPA 5030B & EPA 8260D	(P&T)GC/MS
Toluene	VOL-91-5001	modified from EPA 5030B & EPA 8260D	(P&T)GC/MS
Toluene-d8	VOL-91-5001	modified from EPA 5030B & EPA 8260D	(P&T)GC/MS
1,1,2-Trichloroethane	VOL-91-5001	modified from EPA 5030B & EPA 8260D	(P&T)GC/MS
1,1,1-Trichloroethane	VOL-91-5001	modified from EPA 5030B & EPA 8260D	(P&T)GC/MS
Trichloroethylene	VOL-91-5001	modified from EPA 5030B & EPA 8260D	(P&T)GC/MS
Trichlorofluoromethane	VOL-91-5001	modified from EPA 5030B & EPA 8260D	(P&T)GC/MS
Vinyl Chloride	VOL-91-5001	modified from EPA 5030B & EPA 8260D	(P&T)GC/MS
Xylenes (Total)	VOL-91-5001	modified from EPA 5030B & EPA 8260D	(P&T)GC/MS
cis- 1,2-Dichloroethylene	VOL-91-5001	modified from EPA 5030B & EPA 8260D	(P&T)GC/MS
m & p-Xylene	VOL-91-5001	modified from EPA 5030B & EPA 8260D	(P&T)GC/MS
n-Hexane	VOL-91-5001	modified from EPA 5030B & EPA 8260D	(P&T)GC/MS
o-Xylene	VOL-91-5001	modified from EPA 5030B & EPA 8260D	(P&T)GC/MS
trans- 1,2-Dichloroethylene	VOL-91-5001	modified from EPA 5030B & EPA 8260D	(P&T)GC/MS

GAT Laboratories

Have feedback? Scan here for a quick survey!

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Mississauga, Ontario L4Z 1Y2
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Chain of Custody Record

If this is a Drinking Water sample, please use Drinking Water Chain of Custody Form (potable water consumed by humans)

Laboratory Use Only

Work Order #: 24L131564

Cooler Quantity: 1 med

Arrival Temperatures: 8.1 | 7.9 | 7.6
3.1 | 3.3 | 3.7

Custody Seal Intact: ☐ Yes ☐ No ☐ N/A

Notes: on ice

Report Information:

Company: EXP Services
Contact: Jenny Ellison
Address:
Phone: Fax:
Reports to be sent to:
1. Email: Jennifer.ellison@exp.com
2. Email:

Regulatory Requirements:

(Please check all applicable boxes)

☒ Regulation 153/04 — Table 3 (Indicate One) — ☒ Ind/Com ☐ Res/Park ☐ Agriculture
Soil Texture (Check One): ☐ Coarse ☒ Fine

☐ Regulation 406 — Table (Indicate One)
☐ Regulation 558
☐ CCME

☐ Sewer Use ☐ Sanitary ☐ Storm — Region
☐ Prov. Water Quality Objectives (PWQO)
☐ Other (Indicate One)

Is this submission for a **Record of Site Condition?** ☐ Yes ☒ No

Report Guideline on *Certificate of Analysis* ☒ Yes ☐ No

Turnaround Time (TAT) Required:

Regular TAT ☒ 5 to 7 Business Days

Rush TAT (Rush Surcharges Apply)

☐ 3 Business Days ☐ 2 Business Days ☐ Next Business Day

OR Date Required (Rush Surcharges May Apply):

Please provide prior notification for rush TAT
**TAT is exclusive of weekends and statutory holidays*

For 'Same Day' analysis, please contact your AGAT CPM

Project Information:

Project: 24000090-60
Site Location: Tecumseh Rd E, Windsor
Sampled By: DD
AGAT Quote #: PO:
Please note: If quotation number is not provided, client will be billed full price for analysis.

Invoice Information:

Bill To Same: Yes ☒ No ☐

Company:
Contact:
Address:
Email:

Sample Matrix Legend

GW	Ground Water
O	Oil
P	Paint
S	Soil
SD	Sediment
SW	Surface Water

Sample Identification	Date Sampled	Time Sampled	# of Containers	Sample Matrix	Comments/ Special Instructions	Field Filtered - Metals, Hg, CrVI, DOC (Y/N)	O. Reg 153: Metals & Inorganics	O. Reg 153: Metals - ☐ CrVI, ☐ Hg, ☐ HWSB	O. Reg 153: BTEX, F1-F4 PHCs	VOC (PHC F1-F4)	PAHs	PCBs	PCBs: Aroclors ☐	O. Reg 558: Landfill Disposal Characterization TCLP: ☐ M&I ☐ VOCs ☐ ABNs ☐ B(a)P ☐ PCBs	O. Reg 406: Regulation 406 SPLP Rainwater Leach SPLP: ☐ Metals ☐ VOCs ☐ SVOCs	O. Reg 406: Regulation 406 Characterization Package pH, ICPMS Metals, BTEX, F1-F4	Corrosivity: ☐ Moisture ☐ Sulphide	Potentially Hazardous or High Concentration (Y/N)
1. BH6/MW	Mar 20 2024	12:40 AM/PM	5	GW						X								
2. BH7/MW		12:00 AM/PM	5	GW						X								
3.		AM/PM																
4.		AM/PM																
5.		AM/PM																
6.		AM/PM																
7.		AM/PM																
8.		AM/PM																
9.		AM/PM																
10.		AM/PM																
11.		AM/PM																

Samples Relinquished By (Print Name and Sign): D Vinson	Date: Mar 20/2024	Time:	Samples Received By (Print Name and Sign): J. Smith	Date: Mar 21	Time: 3:12 pm
Samples Relinquished By (Print Name and Sign):	Date	Time	Samples Received By (Print Name and Sign):	Date: 24-3-20	Time: 2:30
Samples Relinquished By (Print Name and Sign):	Date	Time	Samples Received By (Print Name and Sign):	Date	Time

Page 1 of 1

N°: T-152149

Pink Copy - Client | Yellow Copy - AGAT | White Copy - AGAT