





Laplante Poultry Farms Limited 3105 Dunning Road Sarsfield, Ontario K0A 3E0

Phase Two Environmental Site Assessment 3043 Dunning Road Ottawa, Ontario

September 6, 2024

GEMTEC Project: 100117.056

GEMTEC Consulting Engineers and Scientists Limited 32 Steacie Drive Ottawa, ON, Canada K2K 2A9

September 6, 2024 File: 100117.056

Laplante Poultry Farms Limited 3105 Dunning Road Sarsfield, Ontario K0A 3E0

Attention: Jamie Batchelor, Planner

Re: Phase Two Environmental Site Assessment

3043 Dunning Road Ottawa, Ontario

Please find enclosed GEMTEC's Phase Two Environmental Site Assessment per our proposal dated June 14, 2024. The Phase Two ESA was completed in general accordance with Ontario Regulation 153/04 and describes the interpreted environmental conditions at the above-noted property at the time the investigation was completed.

We trust this information is sufficient for your current needs. If you have any questions or require further information, please contact the undersigned.

Jeffrey Gauthier, B.Eng. Environmental Technician Nicole Soucy, M.A.Sc., P.Eng, QP_{ESA} Environmental Engineer

JG/NS

Enclosures



EXECUTIVE SUMMARY

GEMTEC Consulting Engineers and Scientists Limited (GEMTEC) was retained by J.L. Richards & Associates (JLR) to carry out a Phase Two Environmental Site Assessment (ESA) in accordance with Ontario Regulation (O.Reg.) 153/04, as amended, for the property located at 5360 Bank Street, in Ottawa, Ontario (hereafter referred to as the "Site"). The site plan is provided in Figure 1, Appendix A.

Based on GEMTEC's Report entitled "Phase One Environmental Site Assessment, Proposed Chicken Processing Plant. 3043 Dunning Road. Ottawa, Ontario", prepared by GEMTEC, dated June 2024 (2024 Phase One ESA).", three areas of potential environmental concern (APECs) were identified for further investigation on the Phase Two Property:

| APEC# | APEC | Location of APEC on the Site | COPCs |
|-------|---|---|----------------------------------|
| 1 | Two ASTs identified on the subject site north of the existing chicken barn | Northwest section along barn | PHC F1-F4, BTEX, Metals, PAHs |
| 2 | Pole-mounted electrical transformer identified north of existing chicken barn | Northwest from barn | PCBs |
| 3 | One AST identified about 10m south of subject site | South of the Site. Northwest section along barn on 3085 Dunning | PHC F1-F4, BTEX, Metals, PAHs |

Notes:

COPCs - Contaminants of Potential Environmental Concern

PHC F1-F4 – Petroleum Hydrocarbons F1-F4

BTEX - Benzene, Toluene, Ethylbenzene, and Xylene

PAHs - Polycyclic Aromatic Hydrocarbons

PCBs - Polycyclic Biphenyls

As part of the Phase Two ESA investigation, a total of two boreholes completed as groundwater monitoring wells (BH/MW24-03 and BH/MW24-04), were advanced with a Geoprobe drill rig to enable soil quality sampling.

A total of six soil samples and three groundwater samples were collected and analyzed for the following contaminants of potential concern (COPCs): Metals, PAHs, and/or PHCs F1-F4 and BTEX.

Through completion of the Phase Two ESA investigation, the following can be summarized:

- The overburden observed at the Site during the subsurface investigation can generally be described as silty clay, followed by glacial till, consisting of a heterogeneous mix of all grain sizes.
- The reported concentrations of all soil and groundwater samples were compared to the Ministry of Environment Conservations and Parks (MECP) Table 2 Agricultural/Other (Agr/Ot) Site Condition Standards (SCS).



- The reported concentrations of all soil samples where metals were sampled exceeded the applicable MECP Table 2 Agr/Ot SCS for Cobalt and Vanadium but are considered to be naturally occurring. All other soil samples analyzed met the MECP Table 2 Agr/Ot SCS.
- The reported concentrations of all groundwater samples met the Table 2.

The Phase Two ESA investigated the APECs identified in the Phase One ESA. Based on the results of the soil samples and groundwater samples submitted as part of this Phase Two ESA no impacts were identified. Accordingly, no further work is recommended at this time.



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1.0 INTRODUCTION

GEMTEC Consulting Engineers and Scientists Limited (GEMTEC) was retained by J.L. Richards & Associates (JLR) to carry out a Phase Two Environmental Site Assessment (ESA) in accordance with Ontario Regulation (O.Reg) 153/04, as amended, for the property located at 3043 Dunning Road, in Ottawa, Ontario (hereafter referred to as the "Site"). The site plan is provided on Figure A.1, Appendix A.

1.1 Site Description

The Site is municipally addressed as 3043 Dunning Road in Ottawa, Ontario and has an area of approximately 1.7 hectares (4.2 acres). The Phase Two Property is currently owned and operated by Laplante Poultry Farms Limited as a chicken farm which raises poultry. The property consists of one large barn for the poultry. Directly adjacent to the north side of the barn are two fuel storage tanks. Most of the land is occupied by grass and a gravel roadway to the south. The site is connected to the southern adjacent property (also owned and operated by Laplante) with a gravel road. The site is bound to the north and east by 3105 Dunning which is an agricultural land parcel. The site is bound to the south by 3085 Dunning which is an agricultural land parcel with a chicken barn. The site is bound to the west by Dunning Road.

1.2 Property Ownership

Pertinent details of the Site are provided in Table 1.1.

Table 1.1: Summary of Phase Two Property

| Detail | Information |
|---------------------------------------|--|
| 20. 0 | |
| Legal Description | PT LT 7 CON 4 CUMBERLAND PT 1, 4R11019; CUMBERLAND. |
| Municipal Address | 3043 Dunning Road Ottawa, ON K0A 3E0 |
| Parcel Identification Number (PIN) | 14512-0120 (LT) |
| Current Owner | Ferme Gerald LaPlante et Fils Ltee |
| Owner Contact Information | Robert Laplante 3085 Dunning Road Sarsfield, Ontario K0A 3E0 Office: 613-794-7902 Email: robertlaplante@rogers.com |
| Site Area | 1.7 hectares |
| Current Zoning | AG – Agricultural |
| Centroid UTM Coordinate | 45.4541, -75.3659 |

The location of the Site is shown on Figure A.1, Appendix A.



1.3 Current and Proposed Future Uses

The Site is currently used for poultry raising. It is GEMTEC's understanding that the Site is to be developed into a chicken processing plant and thus will remain an agricultural property use.

1.4 Applicable Site Condition Standards

Site Condition Standards (SCS) were selected for the site in accordance with the requirements of O.Reg. 153/04, Record of Site Condition – Part XV.1 of the Environmental Protection Act (O. Reg. 153/04, Ministry of Environment and Climate Change (MECP), October 31, 2011), as amended.

The relevant Site characteristics were considered in the selection of the applicable regulatory criteria are as follows:

- Land Use: The most sensitive land use for the Site is agricultural.
- Soil Texture: Section 42(2) of O.Reg. 153/04 defines coarse textured soil as "soil that
 contains more than 50 percent by mass of particles that are 75 micrometres or larger in
 mean diameter". Based on the soil logged during the investigation, the soils across the
 site are considered "coarse textured".
- Soil Thickness and Proximity to Water Body: For the purposes of selection of the appropriate provincial standard, Section 43.1 of O.Reg. 153/04 identifies specific SCS be applied if any of the following circumstances exist:
 - (a) the property is a shallow soil property;

Based on the results of the field program completed during the environmental investigation, more than 2 metres of overburden was encountered in the advanced borehole locations without encountering bedrock to the depth of the borehole. Therefore, it is inferred that the Site is not considered a shallow soil property.

(b) the property includes all or part of a water body or is adjacent to a water body or includes land that is within 30 metres of a water body.

No water bodies are present onsite or within 30m of the site.

- Groundwater Use: Potable water at the Site and surrounding properties is supplied by private wells. Therefore, the potable groundwater condition applies at the Site.
- Environmentally Sensitive Site: Environmental sensitivity is considered in the selection of appropriate provincial standards for comparison. Section 41 of O.Reg.153/04 states that a property is to be considered environmentally sensitive if any of the following are applicable:
 - (1) the property is,
 - (i) within an area of natural significance;



- (ii) includes or is adjacent to an area of natural significance or part of such an area; or
- (iii) includes land that is within 30 metres of an area of natural significance or part of such an area;
- (2) the soil at the property has a pH value as follows:
 - (i) for surface soil, less than 5 or greater than 9;
 - (ii) for sub surface soil, less than 5 or greater than 11; or
- (3) a qualified person is of the opinion that, given the characteristics of the property and the certifications the qualified person would be required to make in a record of site condition in relation to the property as specified in Schedule A, it is appropriate to apply this section to the property.

Through a review of samples submitted for analysis during the environmental investigation the pH value of the soils is between 6.71 and 7.71. Following a review of areas of natural significance, no areas were identified on, adjacent to or within 30 metres of the Site. Therefore, the Site is not considered to be an environmentally sensitive site.

Based on the review of site characteristics, the following provincial standards were considered to be applicable to the environmental results obtained during the investigation:

 MECP, 2011. Soil, Ground Water and Sediment Standards for Use Under Part XV.1 of the Environmental Protection Act. *Table 2:* Generic Site Condition Standards for full depth soils in a Potable Groundwater Condition.

2.0 BACKGROUND INFORMATION

2.1 Physical Setting

The Subject Site has a relatively flat topography and is at an elevation of approximately 88 m (metres) above sea level (ASL). The Subject Site has no discernable topographic high points. The Jules Potvin Drain is east of the Subject Site and is a topographic low point. Surface water is assumed to drain into the Jules Potvin Drain which flows into the Rolland Dutrisac Drain north of the Subject Site.

Surficial and bedrock geology maps of the Canada indicate that the overburden in the Phase Two study area generally consists of fine-textured glaciomarine deposits (i.e., silt and clay, minor sand and gravel) and is massive to well laminated.

Groundwater flow often reflects topographic features and typically flows towards nearby lakes, rivers, and wetland areas. Based on previous hydrogeological reports completed by GEMTEC, it is anticipated regional groundwater typically flows towards the east-southeast, generally coinciding with local topography. However, through review of groundwater elevations presented herein, local groundwater flow has a northern component.



2.2 Past Investigations

To GEMTEC's knowledge, two environmental investigations have been completed at the Site. The Hydrogeological Investigation & Terrain Analysis report completed by GEMTEC in 2024 and the Phase One ESA completed by GEMTEC in 2024.

The Phase One ESA conducted by GEMTEC included a review of available historical information on the Site and surrounding area, interviews with persons familiar with the Site and a Site reconnaissance. Based on this report, three APECs were identified for the Site.

Figure A.3, Appendix A illustrates the location of the APECs. The APECs identified in the Phase One ESA (GEMTEC, June 2024) are summarized in Table 2.1.

Table 2.1: APECs as per Phase One ESA

| APEC# | APEC | Location of APEC on the Site | COPCs | Investigation Location |
|-------|--|---|-------------------------------------|---------------------------|
| 1 | Two ASTs identified on the subject site north of the existing chicken barn | Northwest section along barn | PHC F1-F4, BTEX, Metals, PAHs | BH/MW24-03 |
| 2 | Pole-mounted electrical transformer identified north of existing chicken barn | Northwest from barn | PCBs | BH/MW24-03 |
| 3 | One AST identified about 10m south of subject site | South of the Site. Northwest section along barn on 3085 Dunning | PHC F1-F4, BTEX, Metals, PAHs | BH/MW24-04 |

Notes:

 $\label{eq:APEC-Area} \mbox{APEC - Area}(s) \mbox{ of Potential Environmental Concern}$

COPCs - Contaminants of Potential Environmental Concern

PHC F1-F4 - Petroleum Hydrocarbons F1-F4

BTEX - Benzene, Toluene, Ethylbenzene, and Xylene

PAHs – Polycyclic Aromatic Hydrocarbons

PCBs - Polycyclic Biphenyls

3.0 SCOPE OF THE INVESTIGATION

3.1 Overview of Phase Two ESA Investigation

The Phase Two ESA investigation activities were completed between July 22nd, 2024 and August 1st, 2024. The Phase Two ESA included the following tasks:

- Health and Safety Plan: Preparation of a Health and Safety Plan for internal and subcontractor use prior to initiating any field work at the Site;
- Utility Clearances: Coordination of utility clearances with local utility companies along
 with retaining the services of a private locator to assess for possible services in the areas
 of the proposed borehole locations;
- Sampling and Analysis Plan (SAP): Preparation of an informal SAP to document the purpose, rationale, number and location of samples to be recovered as part of the Phase Two ESA investigation. More details are available in Section 4.2;



- Borehole Advancement and Monitoring Well Installation: The Phase Two ESA investigation activities included the drilling of two boreholes and completion two monitoring wells. The locations of the boreholes and monitoring well are provided in Figure A.4, Appendix A;
- **Soil Sampling:** Soil samples were collected on July 22nd, 2024, from the boreholes. Six soil samples, including the toxicity characteristic leaching procedure (TCLP), were submitted for chemical analysis of one or more of the following COPCs:
 - Petroleum Hydrocarbon (PHC) Four Fractions (F1-F4);
 - Volatile Organic Compounds (VOCs);
 - All Metals;
 - Metals and Inorganics;
 - Polychlorinated Biphenyls;
 - o pH;
 - o Polycyclic Aromatic Hydrocarbons (PAHs); and,
 - Benzene, Toluene, Ethylbenzene, and Xylene (BTEX).
- **Groundwater Monitoring and Sampling:** Three groundwater samples were collected on August 1st, 2024 from the monitoring wells. The groundwater samples were submitted for chemical analysis of one or more of the following COPCs:
 - o PAHs:
 - PHC F1-F4;
 - o BTEX:
 - VOCs;
 - Metals (including hydrides); and,
 - Field Blank and Trip Blank for PHC F1/VOCs.
- **Surveying:** An elevation survey for boreholes and monitoring wells was completed using a high precision digital GPS (Trimble R10); and,
- **Reporting:** GEMTEC compiled and assessed the field and laboratory results from the above-noted activities into this report.

The Phase Two ESA was completed to assess the soil and groundwater quality on Site within the APECs identified during the Phase One ESA (GEMTEC, 2024). The investigation was completed in general accordance with O.Reg. 153/04, to support a site plan application.

3.2 Media Investigated

The Phase Two ESA field program included sampling of soil from boreholes and groundwater from the monitoring wells to address the potential environmental issues identified in the Phase One ESA.

No sediment was present at the Site and, therefore, no sediment sampling was completed.



3.3 Phase One ESA Conceptual Model

The following describes the Phase One ESA Conceptual Site Model (CSM) based on the information obtained and reviewed as part of the Phase One ESA (GEMTEC, 2024).

- The Site is located at 3043 Dunning Road in Ottawa, Ontario with an approximate area of 17,000 square meters. One structure is present on the site. Site features are shown in Figure A.2, Appendix 2.
- Based on aerial photographs and the Site assessment, the Site has not developed substantially since the initial development. There is currently a single structure which is used to house chickens. The land use at the Site was agricultural.
- Current surrounding land uses include, agricultural, community, and residential.
- The Site is serviced by overhead hydro, a water well, furnace oil for heating, and diesel for the generator.
- The Subject Site has a relatively flat topography and is at an elevation of approximately 88 m above sea level (m asl). The Subject Site has no discernable topographic high points. The Jules Potvin Drain is east of the Subject Site and is a topographic low point. Surface water is assumed to drain into the Jules Potvin Drain which flows into the Rolland Dutrisac Drain north of the Subject Site.
- Surficial and bedrock geology maps of the Canada indicate that the overburden in Phase One Study Area generally consists of fine-textured glaciomarine deposits (i.e., silt and clay, minor sand and gravel) and is massive to well laminated.
- Shallow groundwater direction is interpreted to be to the eastwards towards the Jules Potvin Drain.
- No ANSIs were identified on the Site or within the study area; and,
- Based on the review of records, the interview and the Site reconnaissance completed as part of the Phase One ESA, GEMTEC identified several PCAs resulting in three APECs on the Site. These APECs include:
 - APEC 1 Presence of ASTs. Two aboveground storage tanks were identified north of existing chicken barn. The COPCs are PHC F1-F4, BTEX, and PAHs in soil and groundwater.
 - APEC 2 Presence of Transformer. This APEC is limited to the western building line of Storage Shed (Structure 3). The COPCs PCBs in soil and groundwater.
 - APEC 3 Presence of ASTs. One AST identified on the southern property, about 10m south of the Subject Site. The COPCs are PHC F1-F4, BTEX, and PAHs in soil and groundwater.

3.4 Deviations from Sampling and Analysis Plan

No deviations to the sampling and analysis plan occurred during the Phase Two ESA investigation.



3.5 Impediments

No physical impediments to the Phase Two ESA investigation were encountered.

4.0 INVESTIGATION METHODOLOGY

4.1 General

Prior to initiating the intrusive investigation, any underground utilities were cleared by the locates subcontractor (USL) to identify the location of buried utilities on-site. Public and private utilities including telephone, gas, hydro, and municipal services were cleared.

4.2 Borehole Drilling

The borehole investigation and soil sampling program were carried out on July 22, 2024. A total of two boreholes (BH23-03 and BH23-04) were advanced on-site by George Downing Estate Drilling LTD. using a CME-55LC drill rig to practical auger refusal, which was approximately 14.7 m below ground surface (bgs) for one borehole, and approximately 6.7 m bgs for the second borehole. The drilling program was supervised by GEMTEC staff.

4.3 Soil Sampling

Soil samples were recovered at regular intervals during drilling as well as when changes in soil texture, colour or evidence of contamination were observed. The soil samples were examined for texture and screened for visual and olfactory evidence of contamination in the field. Clean gloves were worn and changed between each sample to prevent cross contamination.

Borehole locations were identified as BHX-Y SAZ where X indicates the year the borehole was advanced, Y is the borehole identifier, and Z is the sample identifier. For example, BH24-03 SA2 indicates the borehole was constructed in 2024 and is identified as sample number 2 of borehole 3.

A summary of the soil samples which were collected from each location for laboratory analyses is summarized in Table 4.1.

Table 4.1: Summary of Soil Samples Submitted for Laboratory Analysis

| Borehole | Sample | Depth of Sample (mbgs) | Soil Description | Laboratory Analyses |
|----------|---------|------------------------|--|--------------------------------------|
| BH24-03 | SA2 | 0.76 - 1.37 | Stiff to very stiff grey, brown silty clay | PHCs F1-F4, BTEX, Metals, PAHs |
| BH24-03 | SA4/104 | 2.28 - 2.89 | Firm to stiff grey silty clay | PHCs F1-F4, BTEX, Metals, PAHs |



| Borehole | Sample | Depth of Sample (mbgs) | Soil Description | Laboratory Analyses |
|----------|--------|---------------------------|--|--------------------------------------|
| BH24-04 | SA1 | 0.00 - 0.60 | Stiff to very stiff grey, brown silty clay | PHCs F1-F4, BTEX, Metals, PAHs |
| BH24-04 | SA5 | 3.04 - 3.65 | Grey silty clay | PHCs F1-F4, BTEX, Metals, PAHs |
| BH24-04 | SA2 | 0.76 - 1.37 | Stiff to very stiff grey, brown silty clay | PCBs |

Notes: mbgs – metres below ground surface

4.4 Field Screening Measurements

Field measurements of sample headspace concentration were made using the equipment detailed in Table 4.2.

Table 4.2: RKI Eagle 2 details for field screening

| Equipment | Parameters Detected | Detection Limit | Precision | Accuracy | Calibration Standard |
|-------------|------------------------|-----------------|-----------|----------|--------------------------|
| RKI Eagle 2 | Combustible gas | 0-50,000 ppm | NA | ±5% | Hexane (1650 ppm) |
| | Total organic vapour | 0-2,000 ppm | NA | ±5% | Isobutylene (100 ppm) |

Hexane readings varied between 5 ppm and 60 ppm whereas IBL readings were 0 ppm. The results of soil headspace screening measurements are provided in the Record of Borehole Logs in Appendix B.

Soil samples at each sampling location were selected for laboratory analysis based on the field headspace screening measurements, visual observations (e.g., staining, discoloration and/or free product, if any), and olfactory observations (if any). Soil samples were submitted to the analytical laboratory under chain-of-custody procedures. No staining, discoloration or free product was noted during the investigation.

4.5 Groundwater - Monitoring Well Installment

Groundwater monitoring wells were installed by George Downing Estate Drilling LTD using threaded 51 mm diameter at MW23-03 and MW23-04, schedule 40, polyvinyl chloride (PVC) well screens and riser pipe, which were brought to the Site in sealed plastic bags. The annular space was filled with silica filter sand to at least 0.3 m above the well screen. The monitoring well was sealed with bentonite seal from the top of the sand pack and completed with a flush-mounted protective well casing. The riser pipes were sealed with a J-plug.



Four previous groundwater monitoring wells (MW24-01S, MW24-01D, MW24-02S, MW24-02D) were installed January 2024 as part of the hydrogeological investigation undertaken by GEMTEC. The corresponding report and monitoring wells were used as a reference for the purpose of this report

4.6 Groundwater - Field Measurements for Water Quality Parameters

The field measurements for the groundwater monitoring wells were taken on July 29, 2024. The measurements included measurement of the water level and the bottom of the monitoring well from the top of the riser pipe using an electronic water level tape.

Physical parameters including pH, temperature, conductivity (EC), dissolved oxygen (DO), and oxidation redox potential (ORP) were monitored during groundwater collection using a Horiba Water Quality Meter.

4.7 Groundwater - Development, Purging and Sampling

Following drilling, the monitoring wells were developed on July 29, 2024, by removing three well volumes, or until the well was pumped dry, using dedicated Waterra® tubing and inertial pumps. During monitoring well development, qualitative observations were made of water colour, clarity, and the presence or absence of any hydrocarbon sheen or odours.

The depth to water in each well was measured using an electronic water level tape prior to purging. Monitoring wells were sampled using low flow techniques using a GeoPump peristaltic pump. Physical parameters pH, temperature, EC, DO, and ORP are monitored with samples collected upon stabilization. During purging and sampling, qualitative observations were made of water colour, clarity, and the presence of hydrocarbon sheen or odour.

Groundwater samples were placed in laboratory-prepared containers and stored on ice in a cooler until delivery to the analytical laboratory under chain-of-custody procedures. A summary of the groundwater samples submitted for analysis is presented below.

Table 4.3: Summary of Groundwater Samples Submitted for Laboratory Analysis

| Monitoring Well/ Sample ID | Well Depth (m bgs) | Soil Description of Screened Interval | Evidence of Petroleum Hydrocarbon Product | Laboratory Analyses |
|-------------------------------|-----------------------|---|--|--------------------------------------|
| BH/MW23-03 | 4.6 | Grey, brown silty clay, grey silty sand | None | PHCs F1-F4, BTEX, PAHs, Metals |
| BH/MW23-04 | 4.6 | Brown silt, some clay | None | PHCs F1-F4, BTEX, PAHs, Metals |



4.8 Sediment Sampling

No sediment samples were collected as part of this investigation as no surface water bodies were identified at the Site.

4.9 Laboratory Analytical Program

All samples were stored and transported in laboratory supplied coolers with ice. Soil and groundwater samples were submitted to AGAT Laboratories Ltd. (AGAT) of Ottawa, Ontario, for analysis of the COPCs. AGAT is accredited by the Standards Council of Canada (SCC) in cooperation with the Canadian Association of Laboratory Accreditation (CALA) for specific environmental tests listed in the scope of accreditation. The laboratory meets the ISO/IEC 17025 (2017) standards and employs in-house quality assurance and quality control programs to govern sample analysis including the analysis of method blanks, spiked blanks, and the analysis of duplicates (10%) for each sample batch.

4.10 Residue Management

All soil from drilling operations were collected for screening and sampling. Any additional cuttings were put back into the drilled hole. Water generated during monitoring well development and sampling was disposed on-site.

4.11 Surveying

GEMTEC completed a geodetic survey of each drilling location. The survey included the location and elevation (both the top of the flush mounted well cap and the top of the riser pipe) for each monitoring well. The elevation data is available in borehole logs in appendix B.

The boreholes were positioned to strategically assess potential impacts within the identified APECs. The coordinate locations and ground surface elevations were recorded using a Trimble R10 global positioning system referenced to NAD83 (CSRS) Epoch 2010, vertical network CGVD28 and are considered accurate within the tolerance of the instrument. The elevations of the top of each well casing were also documented using the same technique. The locations of the boreholes advanced on-site are shown on Figure A.4 in Appendix A.

4.12 Quality Assurance / Quality Control Program

GEMTEC's quality assurance program for environmental investigations was implemented to ensure that analytical data obtained by the investigation were valid and representative. The quality assurance program included the following measures:

- The use of standard operating procedures for all field investigation activities;
- Soil samples were handled and stored in accordance with the sample collection and preservation requirement of the MECP "Protocol for Analytical Methods Used in the Assessment of Properties Under Part XV.I of the Environmental Protection Act", July 1,



- 2011. Samples were collected directly into pre-cleaned, laboratory-supplied sample containers with the appropriate preservative for the analyte group. Upon collection, samples were placed in insulated coolers with ice for storage and transport to the analytical laboratory under chain-of-custody;
- The collection of field duplicate samples at a minimum frequency of one duplicate for every ten samples;
- The monitoring wells were to be developed following installation to remove fine particles from the filter pack and any fluids introduced during drilling;
- Monitoring wells were to be appropriately purged prior to groundwater sample collection to remove stagnant water from the well bore and improve sample representativeness, minimizing sample agitation and aeration to the extent practicable;
- A field blank and a trip blank were collected for PHC F1 and VOCs during the groundwater sampling event;
- Clean disposable Nitrile[™] gloves were used at each sampling location to prevent crosscontamination;
- Detailed field records documenting the methods and circumstances of collection for each field sample were prepared at the time of sample collection. Each sample was assigned a unique sample identification number recorded in the field notes, along with the date and time of sample collection, the sample matrix, and the requested analyses; and,
- The submission of samples to the analytical laboratory in accordance with standard chain of custody procedures.

5.0 REVIEW AND EVALUATION

This section of the report presents a review and evaluation of the results of the drilling, monitoring, and sampling activities conducted as part of the Phase Two ESA.

5.1 Geology

The surficial geology of the Phase Two Property was visually observed and logged during the borehole program. The soil conditions identified in the boreholes advanced as part of this investigation are provided on the borehole logs in Appendix B. The borehole logs indicate the subsurface conditions encountered at the specific test locations only, conditions at other than the test locations may vary. Boundaries between zones on the logs are often not distinct, but rather are transitional and have been interpreted based on observations by GEMTEC field personnel.

A layer of grey, brown silty clay was encountered at the ground surface in all borehole locations, extending to a depth of 13.92 m bgs, underlain by grey silty clay and gravel (Glacial Till) in one of the boreholes to a depth of 14.48 m bgs.



5.2 Groundwater - Elevations and Flow Direction

Groundwater elevations were calculated based on depth to groundwater measurements collected on August 1st, 2024. Groundwater depths were measured directly from the top of each monitoring well riser using an electronic water level tape. Depth measurements were converted to groundwater elevations by subtracting the measured depth from the elevation of the top of each monitoring well riser.

The location of these monitoring wells is shown in Figure A.4, Appendix A. The details of these monitoring wells are provided in Table 5.1.

Table 5.1: Monitoring Well details

| MW ID | Soil stratigraphy at Screen | Water Level (m Top of Casing) | Height of riser pipe (m) | Ground Elevation (m) | GW Elevation (m) |
|----------|-----------------------------------|-------------------------------------|--------------------------|-------------------------|---------------------|
| MW24-01S | Overburden | 1.46 | 0.89 | 86.10 | 85.53 |
| MW24-02S | Overburden | 1.45 | 0.91 | 86.48 | 85.94 |
| MW24-3 | Overburden | 2.78 | 1.06 | 86.28 | 84.56 |
| MW24-4 | Overburden | 1.25 | 0.98 | 86.27 | 85.99 |

Groundwater elevations ranged from 84.56 to 85.99 m asl on August 1st, 2024. In inferred groundwater direction of shallow groundwater is generally to the north/northeast based on the interpreted groundwater elevation contours presented in Figure A.5, Appendix A.

Seasonal fluctuation in water levels on the Site should be expected. Considering groundwater monitoring event, seasonal trends may have been identified. Based on the water levels taken in January 31st, 2024, July 29th, and August 1st, 2024, the water levels were lowest in January monitoring event. This can indicate seasonal fluctuations between Winter and Summer where water levels are higher in the summer months compared to the winter months.

5.3 Groundwater – Hydraulic Gradients

The horizontal hydraulic gradient between well sets is presented in Table 5.2. The horizontal and vertical hydraulic gradient was estimated for shallow groundwater conditions based on water levels measured on August 1st, 2024, and the inferred groundwater contours are presented in Figure A.5, Appendix A.



Table 5.2: Horizontal Hydraulic gradients between monitoring well sets

| MW ID | MW ID | Distance between MWs (m) | Difference in GW elevation (m) | Horizontal Hydraulic Gradient (m/m) |
|-----------------|-------------|-----------------------------|--------------------------------|--|
| BH/MW24- 02S | BH/MW24-03 | 151 | 1.38 | 0.00914 |
| BH/MW24-03 | BH/MW24-04 | 41 | 1.43 | 0.03487 |
| BH/MW24-04 | BH/MW24-01S | 122 | 0.46 | 0.00377 |
| BH/MW24- 01S | BH/MW24-03 | 114 | 0.97 | 0.00851 |

The average horizontal hydraulic gradient for shallow groundwater conditions was 0.01407 m/m.

Table 5.3: Vertical Hydraulic gradients between nested monitoring wells

| MW ID | MW ID | Shallow Depth (m asl) | Deep Depth (m asl) | Difference in GW elevation (m) | Vertical Hydraulic Gradient (m/m) |
|-------------|-------------|--------------------------|-----------------------|--------------------------------|--------------------------------------|
| BH/MW24-01S | BH/MW24-01D | 85.53 | 84.96 | 0.57 | 0.05667 |
| BH/MW24-02S | BH/MW24-02D | 85.94 | 85.51 | 0.43 | 0.05532 |

The average vertical hydraulic gradient for shallow groundwater conditions measured on August 1st, 2024 was 0.5560 m/m.

5.4 Soil Texture

The predominant soil grain size at the Site was assumed to be coarse-textured based on the observations made during the field investigation.

5.5 Soil - Field Screening

Headspace vapour measurements were conducted on the soil samples collected from each of the boreholes advanced at the Site. The results of headspace vapour measurements are presented in the Record of Borehole Logs in Appendix B.



5.6 Soil - Quality Results

Soil samples were selected for laboratory analysis based on visual, olfactory and tactile evidence of impact. A total of 6 soil samples, including a TCLP sample, were submitted to AGAT for analysis of the COPCs including Metals, EC, SAR, PAHs, PHCs F1-F4 and BTEX.

- There were two reported exceedances to MECP Table 2 SCS.
 - Cobalt exceeded Table 2 Agri at all boreholes except BH24-4 SA2 (which did not test for metals).
 - Vanadium exceeded Table 2 Agri at all boreholes except BH24-4 SA2 (which did not test for metals).

The analytical results are summarized in Table 5.1 below and are presented in Appendix C.

Table 5.4: Soil Exceedance to applicable Site Condition Standards

| Sample ID | MECP Table 2 Agri SCS |
|--------------|-----------------------|
| BH24-3 SA2 | Cobalt, Vanadium |
| BH24-3 SA4 | Cobalt, Vanadium |
| BH24-3 SA104 | Cobalt, Vanadium |
| BH24-4 SA1 | Cobalt, Vanadium |
| BH24-4 SA5 | Cobalt, Vanadium |
| BH24-4 SA2 | None |

Notes:

MECP Table 2 SCS: Generic Site Condition Standards (SCS) for full depth soils in Potable Groundwater Agricultural or Other Property Use (Agri) land use, coarse textured soils. (MECP, 2011).

Table 5.5: Summary of Toxicity Characteristic Leachate Procedure Analytical Results

| Sample ID | O.Reg. 558 Exceedances | | |
|-----------|------------------------|--|--|
| TCLP-COMP | None | | |
| Notes: | | | |

O.Reg 558: Ontario Regulation 558 Schedule 4 Leachate Quality Criteria.

Naturally Occurring Elevated Background Metals

In addition to MECP SCS specified above, the analytical results for select metals were also compared to the values provided in "Background Metals in Champlain Sea Sediments: Updated from 2019 Drilling and Sampling Program" (Geofirma, 2023). Accordingly, samples taken from within the Project Area, were compared to the proposed naturally occurring elevated cobalt, and vanadium concentrations of 28 μg/g, and 122 μg/g, respectively. Reliance on naturally occurring



concentrations is accepted by the MECP as the MECP has recommended that future updates to the Site Condition Standards consider geo-regional approaches.

Based on this geo-regional approach, all of the soil samples collected that exceeded cobalt and vanadium when compared to the MECP Table 2.1 Ag/Ot met the proposed geo-regional values and are therefore not considered exceedances on the subject site.

5.7 Groundwater - Quality Results

Groundwater samples were submitted from both wells in addition to a duplicate sample, a trip blank sample, and a field blank sample. A total of three groundwater samples were submitted to AGAT for analysis of the COPCs including Metals, PAHs, PHCs F1-F4, and BTEX. Exceedances to the selected MECP SCS Tables are summarized in Table 5.2 below and are presented in Figure A.2 of Appendix A.

Table 5.6: Groundwater exceedances to applicable Site Condition Standards

| Sample ID | MECP Table 2 Agri SCS |
|-----------|-----------------------|
| MW24-03 | None |
| MW24-103 | None |
| MW24-04 | None |

Notes:

MECP Table 2 SCS: Generic Site Condition Standards (SCS) for groundwater in Potable Groundwater Condition Agricultural or Other Property Use (Agri) land use, coarse textured soils. (MECP, 2011).

5.8 Sediment – Quality Results

No sediment samples were collected as part of this investigation.

5.9 Quality Assurance / Quality Control

The quality assurance assessment of the field duplicate sample results was conducted according to the MECP document "Protocol for Analytical Methods Used in the Assessment of Properties under Part XV.1 of the Environmental Protection Act", March 9, 2004 (amended in July 2009 and effective as of July 1, 2011) ("Analytical Protocol").

To determine the precision of the analytical methods and field sampling procedures, blind duplicate samples were collected during soil and groundwater sampling. Precision is determined by the relative percent difference ("RPD") between the duplicate and original samples and was calculated as follows:

$$RPD = \frac{|x_1 - x_2|}{x_m}$$
 Where x_1 initial sample results



 x_2 duplicate sample results x_m mean of x_1 , x_2

RPDs were calculated for all parameters with concentrations above the reporting level. No parameters in soil or groundwater duplicate pairs returned concentrations above reporting levels.

It is noted that the trip blank sample was found to have no detectable concentrations during groundwater sampling event. The quality of the analytical results is further supported by analytical laboratory's internal quality assurance program that includes laboratory blanks, spikes, surrogates, and duplicate samples.

All certificates of analysis or analytical reports received pursuant to clause 47 (2) (b) of the regulation comply with subsection 47(3). A certificate of analysis or analytical report has been received for each sample submitted for analysis and is provided in Appendix D.

Accordingly, the analytical data generated during the investigation are valid and representative and may be used in this Phase Two ESA without further qualification.

5.10 Phase Two Conceptual Site Model

The Phase Two ESA conceptual site model (CSM) is presented in the following sections.

The Phase Two CSM was prepared in accordance with Schedule E, Part V, Table 1, Section 6, of Ontario Regulation 153/04 (O. Reg. 153/04) and is described in the text below and in the following figures:

Figure A.1 Phase Two Property and Phase One Study Area

Figure A.2 Site Features

Figure A.3 PCAs and APECs

Figure A.4 Borehole and Monitoring Well Locations

Figure A.5 Groundwater Elevations and Inferred Flow

Figure A.6 Soil Quality Results

5.10.1 Property Description and History

The Site has an area of 1.7 hectares and is located at 3043 Dunning Road in Ottawa, Ontario. The Phase Two Property is currently owned and operated by 'Laplante Poultry Farms Limited' for the purpose of poultry raising. The property consists of one large barn which is used to house the chickens. A gravel path is present from Dunning Road to the barn and connecting to the southern property, which is also owned and operated by 'Laplante Poultry Farms Limited'. All adjacent properties are agricultural. Site features are shown in Figure A.2. Table 6.1 provides details about the Phase Two Property.

Table 5.7: Phase Two Property Details



| Detail | Source / Reference | Information |
|--|------------------------------------|--|
| Legal Description | Service Ontario Parcel Register | PT LT 7 CON 4 CUMBERLAND PT 1, 4R11019; CUMBERLAND. |
| Municipal Address | Client | 3043 Dunning Road Ottawa, ON K0A 3E0 |
| Parcel Identification Number (PIN) | Service Ontario Parcel Register | 14512-0120 (LT) |
| Current Owner | Service Ontario Parcel Register | Ferme Gerald LaPlante et Fils Ltee |
| Owner Contact Information | Client | Robert Laplante 3085 Dunning Road Sarsfield, Ontario K0A 3E0 Office: 613-794-7902 Email: robertlaplante@rogers.com |
| Site Area | GeoOttawa Mapping | 1.7 ha |
| Current Zoning | GeoOttawa Mapping | AG – Agricultural |
| Centroid UTM Co-ordinate | Google Maps | 45.4541, -75.3659 |

A summary of the current and past uses, based on the information reviewed as part of the 2023 Phase One ESA, is provided below:

Table 5.8: Current and Past Property Uses

| Year | Owner | Description of Property Use |
|--------------------------|--|-----------------------------|
| Prior to 1961 to present | Ferme Gerald LaPlante et Fils Ltee. | Agricultural |

As noted above, the Phase Two Property is currently owned by Ferme Gerald LaPlante et Fils Ltee.

5.10.2 Previous Investigation

The following lists the previous reports available for the Site. The Phase One ESA formed the basis for completing this Phase Two ESA.

"Phase One Environmental Site Assessment, Proposed Chicken Processing Plant. 3043
 Dunning Road. Ottawa, Ontario", prepared by GEMTEC, dated June 2024 (2024 Phase One ESA)."



"Hydrogeological Investigation & Terrain Analysis, Proposed Chicken Processing Facility.
 Part of Lot 7, Concession 4 (3043 Dunning Road). Ottawa, Ontario.", prepared by GEMTEC, dated February 2024.

Based on GEMTEC's Report entitled "Phase One Environmental Site Assessment, Proposed Chicken Processing Plant. 3043 Dunning Road. Ottawa, Ontario", dated June 2024, three areas of potential environmental concern (APECs) were identified on the Phase Two Property.

5.10.3 Potentially Contaminating Activities

The potentially contaminating activities (PCAs) identified via the 2023 Phase One ESA are summarized in Table 6.3 below. The PCAs identified resulted in 11 area of potential environmental concern (APECs).

Table 5.9: Summary of Potentially Contaminating Activities

| PCA ID | Type of PCA | Address / Location | Information source | PCA Description | PCA Results in APEC |
|-----------|--|----------------------------------|---|--|---|
| 28 | Presence of ASTs | On-Site | Aerial Photographs Site Reconnaissance | Presence of ASTs for heating barn | Yes – APEC 1 As per O.Reg 153/04, as amended, on-Site PCA leads to an APEC. |
| 55 | Use of Transformer | On-Site | Site Reconnaissance | Presence of pole mounted transformer | Yes – APEC 2 As per O.Reg 153/04, as amended, on-Site PCA leads to an APEC. |
| 28 | Presence of ASTs | 3085 Dunning Road | Site Reconnaissance | Presence of ASTs for heating barn. Similar to that on-site | Yes – APEC 3 As per O.Reg 153/04, as amended, on-Site PCA leads to an APEC. |
| 40 | Bulk Storage and Large Scale Applications of Pesticides | 3105, 3032 Dunning Road | Interview | Application of pesticides for agricultural purposes | No Based on PCA not being on-Site |
| 30 | Importation of Fill Material of Unknown Quality | 3105 Dunning Road | Aerial Photographs | Use of fill to fill an excavated section south of site. | No Based on PCA not being on-Site |

Notes:

- 28. Gasoline and Associated Products Storage in Fixed Tanks
- 30. Importation of Fill Material of Unknown Quality
- 40. Pesticides (including Herbicides, Fungicides and Anti-Fouling Agents) Manufacturing, Processing, Bulk Storage and Large-Scale Applications
- 55. Transformer Manufacturing, Processing and Bulk Storage

5.10.4 Areas of Potential Environmental Concern

The areas of potential environmental concern (APECs) identified based on the PCAs and as set out in the 2024 Phase One ESA are summarized in Table 6.4 below. The borehole/monitoring well locations completed to investigate each of these APECs are also identified. Figure A.3 indicates the location of the APECs and Figure A.4 provides the investigation locations in relation to the APECs.

Table 5.10: Summary of APECs

| APEC# | APEC | Location of APEC on the Site | COPCs | Investigation Location |
|-------|--|--|-------------------------------------|---------------------------|
| 1 | Two ASTs identified on the subject site north of the existing chicken barn | Northwest section along barn | PHC F1-F4, BTEX, Metals, PAHs | BH/MW24-03 |
| 2 | Pole-mounted electrical transformer identified north of existing chicken barn | Northwest from barn | PCBs | BH/MW24-03 |
| 3 | One AST identified about 10m south of subject site | South of the Site. Northwest section along barn on 3085 Dunning | PHC F1-F4, BTEX, Metals, PAHs | BH/MW24-04 |

Notes:

28. Gasoline and Associated Products Storage in Fixed Tanks

55. Transformer Manufacturing, Processing and Bulk Storage

PCA - Potentially Contaminating Activities

COPCs - Contaminants of Potential Environmental Concern

PHC F1-F4 – Petroleum Hydrocarbons F1-F4

BTEX - Benzene, Toluene, Ethylbenzene, and Xylene

PAHs - Polycyclic Aromatic Hydrocarbons

PCBs - Polycyclic Biphenyls

5.10.5 Subsurface Structures and Utilities

Buried utility service locates were completed prior to the drilling program and did not indicate any buried utility services.

Given the conditions encountered during drilling and the lab results, buried services are not considered to have facilitated the migration of contaminants at the Site.

5.10.6 Physical Setting

5.10.6.1 Topography

The Subject Site has a relatively flat topography and is at an elevation of approximately 88 m above sea level (m asl). The Subject Site has no discernable topographic high points. The Jules



Potvin Drain is east of the Subject Site and is a topographic low point. Surface water is assumed to drain into the Jules Potvin Drain which flows into the Rolland Dutrisac Drain north of the Subject Site.

Surficial and bedrock geology maps of the Canada indicate that the overburden in Phase Two Study Area generally consists of fine-textured glaciomarine deposits (i.e., silt and clay, minor sand and gravel) and is massive to well laminated.

Groundwater flow often reflects topographic features and typically flows towards nearby lakes, rivers, and wetland areas. Based on previous hydrogeological reports completed by GEMTEC, local groundwater typically flows towards the east-southeast, generally coinciding with local topography.

5.10.6.2 Stratigraphy - Boreholes

In general, the subsurface soil conditions encountered in the boreholes and monitoring wells advanced as part of this Phase Two ESA included a layer of stiff to very stiff, grey-brown silty clay, followed by firm to stiff grey silty clay, which was followed by grey silty sand and gravel (TILL) in one borehole. The material can generally be described as silty clay, followed by glacial till, consisting of a heterogeneous mix of all grain sizes. BH24-03 was advanced to a depth of 14.47 mbgs and BH24-04 was advanced to a depth of 6.70 mbgs.

5.10.6.3 Depth to Bedrock

Bedrock was not encountered during the Phase Two ESA which extended boreholes to depths between 6.70 and 14.47 mbgs. However, previous boreholes made by GEMTEC on the Phase Two site indicate that bedrock, likely grey limestone, was encountered at 15.32 and 17.35 mbgs.

5.10.6.4 Hydrogeological Characteristics

Based on the topography of the area and local drains, it is expected that the local shallow groundwater flow will trend to the east-southeast towards the Jules Potvin drain.

To determining groundwater flow, the two shallow monitoring wells previously installed for GEMTEC's Hydrogeological Investigation & Terrain Analysis due to their depth being similar to the two wells installed for the Phase Two ESA. Based on the interpreted groundwater elevation contours for water level measured on July 29th, 2024 and August 1st, 2024, the inferred direction of shallow groundwater flow is generally to the north/northeast.

5.10.6.5 Depth to Groundwater

Water levels measured from the two shallow and two Phase Two monitoring wells on the Phase Two property ranged from 0.45 to 1.52 mbgs on the July 29, 2024 monitoring event, followed by a range from 0.29 to 1.72 mbgs on the August 1, 2024 monitoring event. Groundwater elevations



ranged from 84.56 to 87.04 meters above sea level (m asl) relative to the geodetic datum on July 29 and August 1, 2024.

5.10.6.6 Environmentally Sensitive Areas

No areas of natural significance were identified on the Site or within the Phase Two Study Area.

5.10.6.7 Shallow Soil Property or Water Body

Based on the results of the field program completed during the environmental investigation, more than 2 metres of overburden was encountered in the advanced borehole locations without encountering bedrock to the depth of the borehole. Therefore, it is inferred that the Site is not considered a shallow soil property. Therefore, Section 43.1(a) of the Regulation does not apply to the Phase Two Property.

Jules Potvin Municipal Drain is located on the Phase Two site area. This drain acts as a channel that conducts water that runs off the Site property and adjacent properties. The channel is located on the Site as it intersects the eastern property and continues to flow along the east boundary of the Site. GEMTEC only observed water running within the channel but is likely to only have significant amounts of water after rainfall events/spring thaw. The assumption is that this drain is not permanent. For the purposes of this report, this municipal drain will not be considered a 'waterbody'. Therefore, Section 43.1(b) of thew regulation does not apply to the Phase Two Property.

5.10.6.8 Excess Soil

No evidence of stockpiled fill material or fill with debris or deleterious material was observed on the Phase Two Property during the Phase One site reconnaissance.

5.10.7 Site Condition Standards

Site Condition Standards (SCS) were selected for the site in accordance with the requirements of O.Reg. 153/04, Record of Site Condition – Part XV.1 of the Environmental Protection Act (O. Reg. 153/04, Ministry of Environment and Climate Change (MECP), October 31, 2011), as amended.

The relevant Site characteristics were considered in the selection of the applicable regulatory criteria are as follows:

- Land Use: The most sensitive land use for the Site is agricultural.
- Soil Texture: Section 42(2) of O.Reg. 153/04 defines coarse textured soil as "soil that contains more than 50 percent by mass of particles that are 75 micrometres or larger in mean diameter". The results of grain size analysis and the findings of the investigation indicate that at least 1/3 of the soil at the Site is considered "coarse textured".



- Soil Thickness and Proximity to Water Body: For the purposes of selection of the appropriate provincial standard, Section 43.1 of O.Reg. 153/04 identifies specific SCS be applied if any of the following circumstances exist:
 - the property is a shallow soil property;

Based on the results of the field program completed during the environmental investigation, more than 2 metres of overburden was encountered in the advanced borehole locations without encountering bedrock to the depth of the borehole. Therefore, it is inferred that the Site is not considered a shallow soil property.

 the property includes all or part of a water body or is adjacent to a water body or includes land that is within 30 metres of a water body.

Jules Potvin Municipal Drain is located on the Phase Two site area. This drain acts as a channel that conducts water that runs off the Site property and adjacent properties. The channel is located on the Site as it intersects the eastern property and continues to flow along the east boundary of the Site. GEMTEC only observed water running within the channel but is likely to only have significant amounts of water after rainfall events/spring thaw. The assumption is that this drain is not permanent.

For the purposes of this report, this municipal drain will not be considered a 'waterbody'.

- Groundwater Use: Potable water at the Site and surrounding properties is supplied by private wells. Therefore, the potable groundwater condition applies at the Site.
- Environmentally Sensitive Site: Environmental sensitivity is considered in the selection of appropriate provincial standards for comparison. Section 41 of O.Reg.153/04 states that a property is to be considered environmentally sensitive if any of the following are applicable:
 - (1) the property is,
 - (i) within an area of natural significance;
 - (ii) includes or is adjacent to an area of natural significance or part of such an area; or
 - (iii) includes land that is within 30 metres of an area of natural significance or part of such an area;
 - (2) the soil at the property has a pH value as follows:
 - (i) for surface soil, less than 5 or greater than 9;
 - (ii) for sub surface soil, less than 5 or greater than 11; or
 - (3) a qualified person is of the opinion that, given the characteristics of the property and the certifications the qualified person would be required to make in a record of site condition in relation to the property as specified in Schedule A, it is appropriate to apply this section to the property.



Through a review of samples submitted for analysis during the environmental investigation the pH value of the soils is between 6.71 and 7.71. Following a review of areas of natural significance, no areas were identified on, adjacent to or within 30 metres of the Site. Therefore, the Site is not considered to be an environmentally sensitive site.

Based on the review of site characteristics, the following provincial standards were considered to be applicable to the environmental results obtained during the investigation:

 MECP, 2011. Soil, Ground Water and Sediment Standards for Use Under Part XV.1 of the Environmental Protection Act. *Table 2: Generic Site Condition Standards for full depth* soils in a Potable Groundwater Condition

5.10.8 Contaminated Media

The Phase Two ESA identified two exceedances of the applicable standard for soil or groundwater in both boreholes. Elevated concentrations of cobalt and vanadium are likely to be naturally occurring and not a result of past or present activity on the Phase Two site.

5.10.9 Description of Areas of Contamination on the Site

No areas of soil or groundwater contamination were identified on the Site.

5.10.10 Potential Influence of Utilities on Contaminant Migration

No underground utilities are present on-Site based on the locates reviewed prior to drilling. Given the conditions encountered during drilling and laboratory results, buried services are not considered to have facilitated the migration of contaminants at the Site.

5.10.11 Contaminant Migration

No significant exceedances of the applicable standards were present on the Site after review of laboratory results. Based on this, contaminant migration is not a concern.

5.10.12 Meteorological and Climatic Considerations

Seasonal fluctuation in water levels on the Site should be expected. Considering groundwater monitoring event, seasonal trends may have been identified. Based on the water levels taken in January 31st, 2024, July 29th 2024, and August 1st, 2024, the water levels were lowest in January monitoring event. This can indicate seasonal fluctuations between Winter and Summer where water levels are higher in the summer months compared to the winter months. Given no exceedances of the applicable standards were identified in the laboratory results for groundwater, the results are not considered to have been influenced by metrological or climate conditions.

5.10.13 Potential Exposure Pathways and Receptors

Given no significant exceedances of the applicable standards were identified in the laboratory results, potential exposure to ecological and human receptors is not a concern.



6.0 CONCLUSIONS AND RECOMMENDATIONS

The Phase Two ESA investigated the APECs identified in the Phase One ESA. Based on the results of the soil samples and groundwater samples submitted as part of this Phase Two ESA no impacts were identified. Accordingly, no further work is recommended at this time.



7.0 LIMITATION OF LIABILITY

The Phase Two Environmental Site Assessment has been supervised and reviewed by a qualified person. This Phase Two ESA was carried out in general with Ontario Regulation 153/04 made under the Environmental Protection Act and meets the requirements of Part VII (Sections 23 to 31) and Schedule D of the regulation.

The results of this Phase Two ESA should in no way be construed as a warranty that the Phase Two Property is free from any and all contaminants other than those noted in this report, nor that all compliance issues have been addressed.

This report was prepared for the exclusive use of J.L. Richards & Associates and is based on data and information collected during the Phase Two ESA of the property conducted by GEMTEC. This report may not be relied upon by any other person or entity without the express written consent of GEMTEC and J.L. Richards & Associates. In evaluating this Phase Two Property, GEMTEC has relied in good faith on information provided by others. We accept no responsibility for any deficiencies or inaccuracies in this report as a result of omissions, misinterpretations, or fraudulent acts of others.

The investigation undertaken by GEMTEC with respect to this report and any conclusions or recommendations made in this report reflect the best judgements of GEMTEC based on the Site conditions observed during the investigations undertaken at the date(s) identified in the report and on the information available at the time the report was prepared. This report has been prepared for the application noted and it is based, in part, on visual observations made at the Site, subsurface investigations at discrete locations and depths and laboratory analyses of specific chemical parameters and material during a specific time interval, all as described in the report. Unless otherwise stated, the findings contained in this report cannot be extrapolated or extended to previous or future Site conditions, portions of the Site that were unavailable for direct investigation, subsurface locations on the Site that were not investigated directly, or chemical parameters, materials or analysis which were not addressed. Chemical parameters other than those addressed by the investigation described in this report may exist in soil and groundwater elsewhere on the Site, the chemical parameters addressed in the report may exist in soil and groundwater at other locations at the Site that were not investigated, and concentrations of the chemical parameters addressed which are different than those reported may exist at other locations on the Site than those from where the samples were taken.

Should new information become available during future work, including excavations, borings or other studies, GEMTEC should be requested to review the information and, if necessary, reassess the conclusions presented herein.

.

8.0 REFERENCES

Phase One Environmental Site Assessment, Proposed Chicken Processing Plant. 3043 Dunning Road. Ottawa, Ontario", prepared by GEMTEC, dated June 2024 (2024 Phase One ESA)."

Hydrogeological Investigation & Terrain Analysis, Proposed Chicken Processing Facility. Part of Lot 7, Concession 4 (3043 Dunning Road). Ottawa, Ontario.", prepared by GEMTEC, dated February 2024.

Google Earth™ Satellite Imagery, 2019.

Ontario Ministry of the Environment and Climate Change (MOE). Guidance on sampling and analytical methods for use at contaminated sites in Ontario. Revised December 1996.

Ontario Ministry of the Environment, Laboratory Services Branch (MOE). Protocol for Analytical Methods Used in the Assessment of Properties under Part XV.1 of the Environmental Protection Act. March 9, 2004, amended as of July 1, 2011.

Ontario Ministry of the Environment, Conservation and Parks (MECP). Ontario Regulation 153/04, Made under the Environmental Protection Act, Part XV.1 – Records of Site Condition. Updated January 1, 2024.

Background Metals in Champlain Sea Sediments: Updates from 2019 Drilling and Sampling Program, Eastern Ontario – Ottawa Region. Geofirma Engineering. November 30, 2023.



9.0 CLOSURE

We trust this report provides sufficient information for your present purposes. If you have any questions concerning this report, please do not hesitate to contact our office.

Sincerely,

GEMTEC Consulting Engineers and Scientists Limited

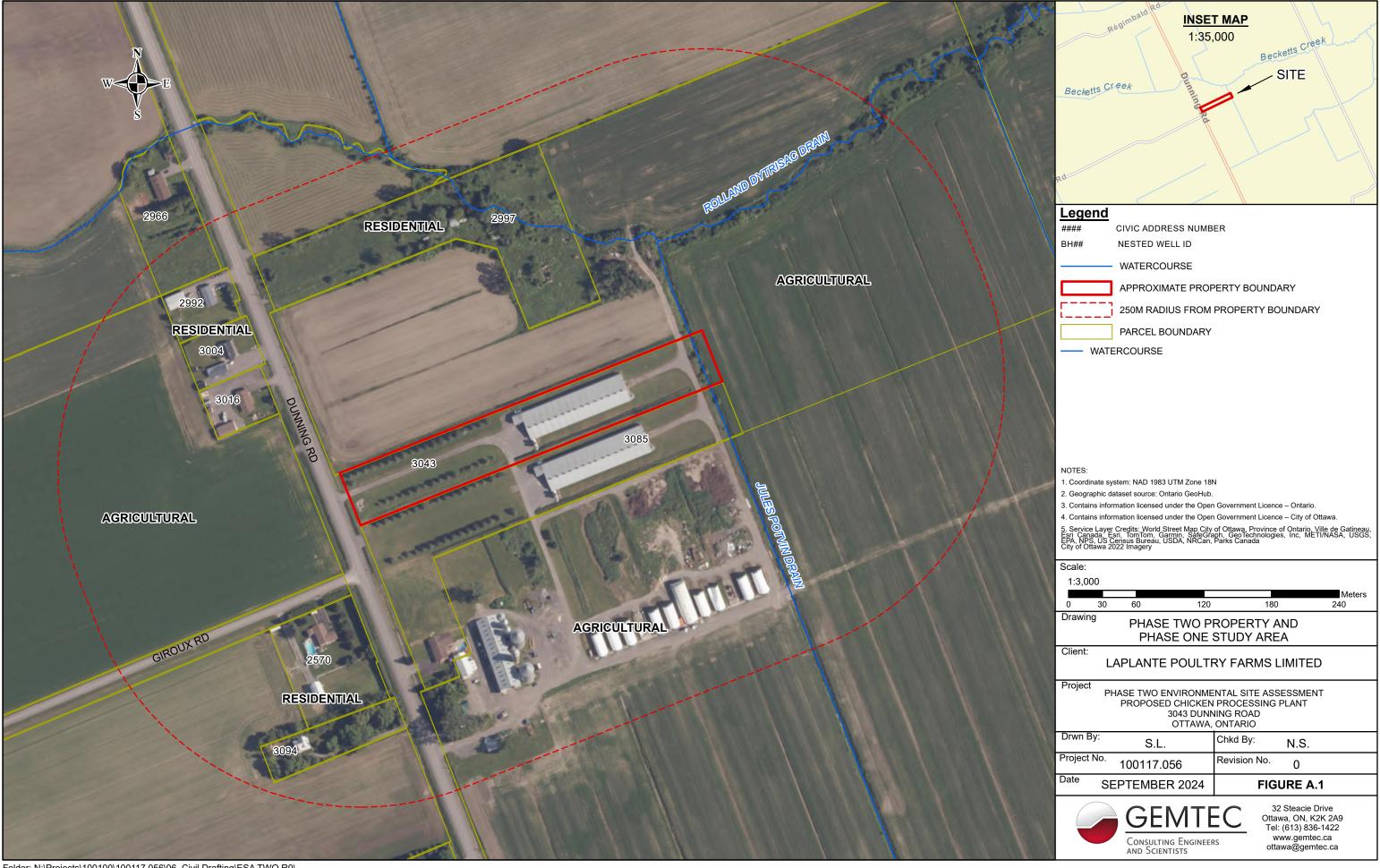
Jeffrey Gauthier, B.Eng.

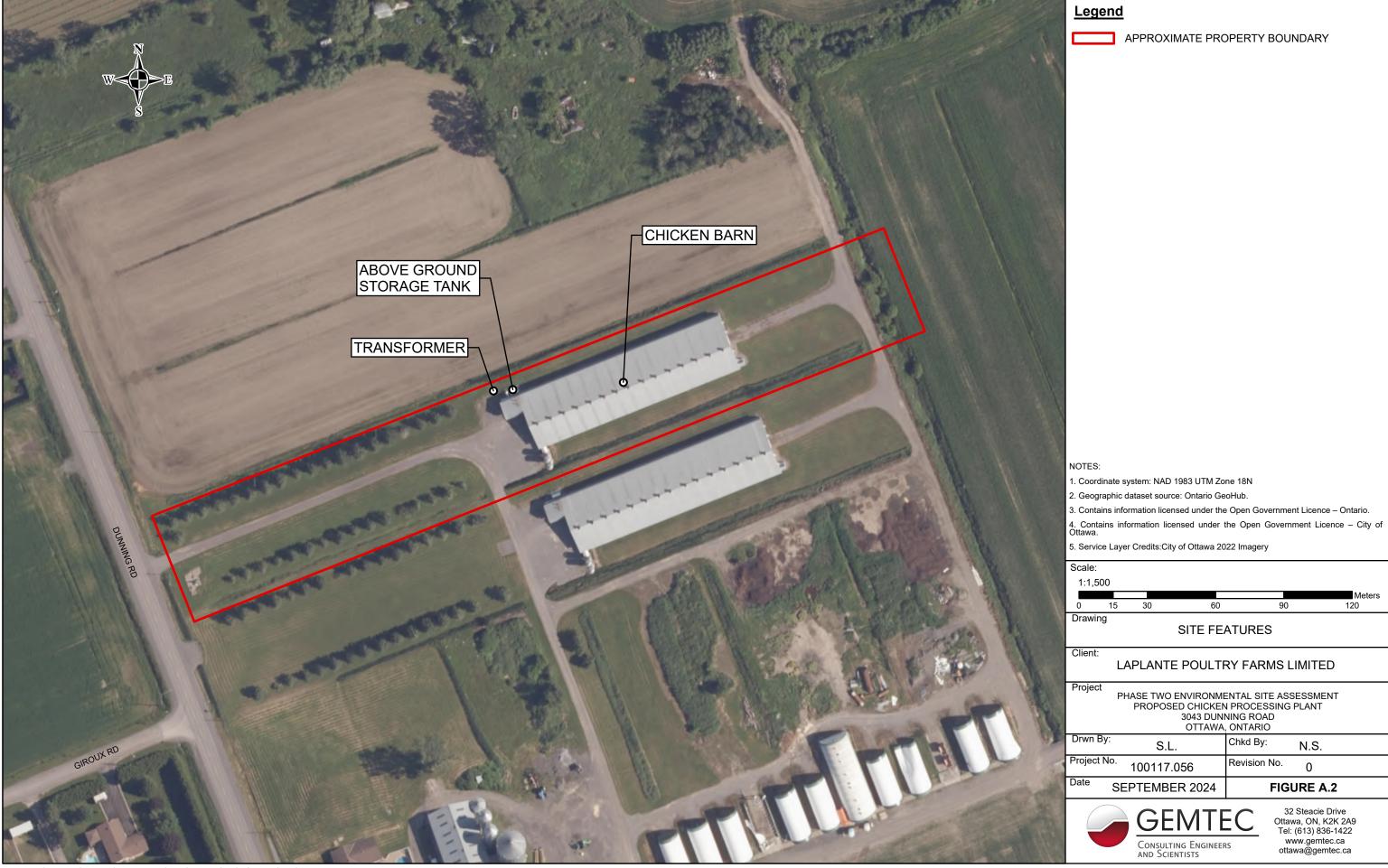
Environmental Technician

Nicole Soucy, M.A.Sc., P.Eng, QP_{ESA} Environmental Engineer

JG/NS









Legend

APPROXIMATE PROPERTY BOUNDARY

AREAS OF POTENTIAL ENVIRONMENTAL CONCERN



| APEC# | DESCRIPTION |
|--------|---|
| APEC 1 | Two above ground storage tanks identified on the subject site north of the existing chicken barn structure. |
| APEC 2 | One pole mounted transformer identified on the subject site north of the existing chicken barn structure. |
| APEC 3 | An above ground storage tank identified on the property adjacent south, approximately 10 m south of the Subject Site. |

NOTES:

- 1. Coordinate system: NAD 1983 UTM Zone 18N
- 2. Geographic dataset source: Ontario GeoHub.
- 3. Contains information licensed under the Open Government Licence Ontario.
- 4. Contains information licensed under the Open Government Licence City of Ottawa.
- 5. Service Layer Credits:City of Ottawa 2022 Imagery

Scale:

1:1,500

Drawing

AREAS OF POTENTIAL ENVIRONMENTAL CONCERN

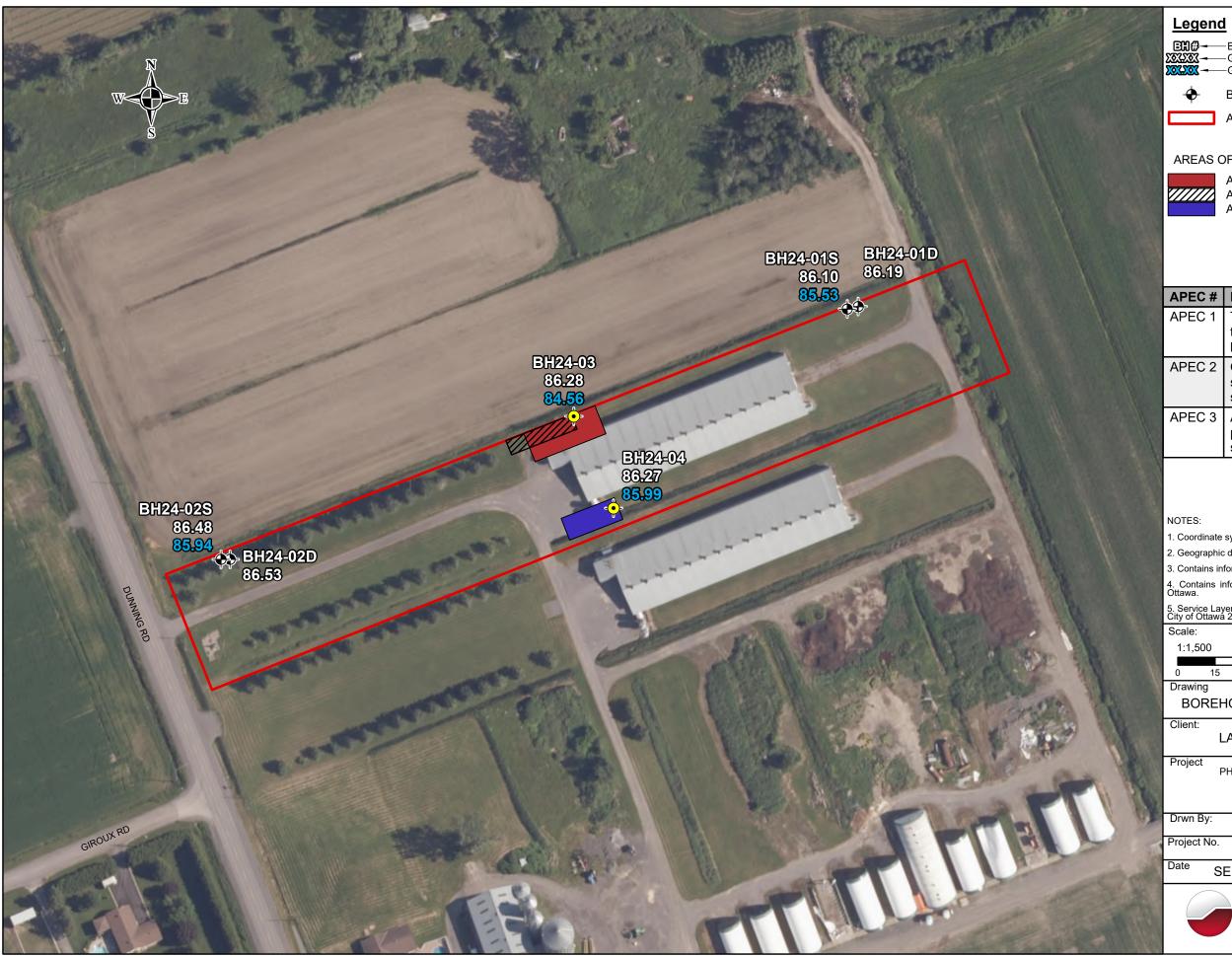
LAPLANTE POULTRY FARMS LIMITED

PHASE TWO ENVIRONMENTAL SITE ASSESSMENT PROPOSED CHICKEN PROCESSING PLANT 3043 DUNNING ROAD OTTAWA, ONTARIO

Drwn By: Chkd By: S.L. N.S. Project No. Revision No. 100117.056 SEPTEMBER 2024 FIGURE A.3



32 Steacie Drive Ottawa, ON, K2K 2A9 Tel: (613) 836-1422 www.gemtec.ca ottawa@gemtec.ca



BH#→ BOREHOLE ID

GROUND SURFACE ELEVATIONS (m)
GROUND WATER ELEVATION (m asi)

BOREHOLE LOCATION

APPROXIMATE PROPERTY BOUNDARY

AREAS OF POTENTIAL ENVIRONMENTAL CONCERN

APEC 1 APEC 2

APEC 3

| APEC # | |
|--------|---|
| APEC 1 | Two above ground storage tanks identified on the subject site north of the existing chicken barn structure. |
| APEC 2 | One pole mounted transformer identified on the subject site north of the existing chicken barn structure. |
| APEC 3 | An above ground storage tank identified on the property adjacent south, approximately 10 m south of the Subject Site. |

- 1. Coordinate system: NAD 1983 UTM Zone 18N
- 2. Geographic dataset source: Ontario GeoHub.
- 3. Contains information licensed under the Open Government Licence Ontario.
- $4.\ \,$ Contains information licensed under the Open Government Licence City of Ottawa.
- 5. Service Layer Credits:World Imagery SDG Counties, Maxar, Microsoft City of Ottawa 2022 Imagery

BOREHOLE AND MONITORING WELL LOCATIONS

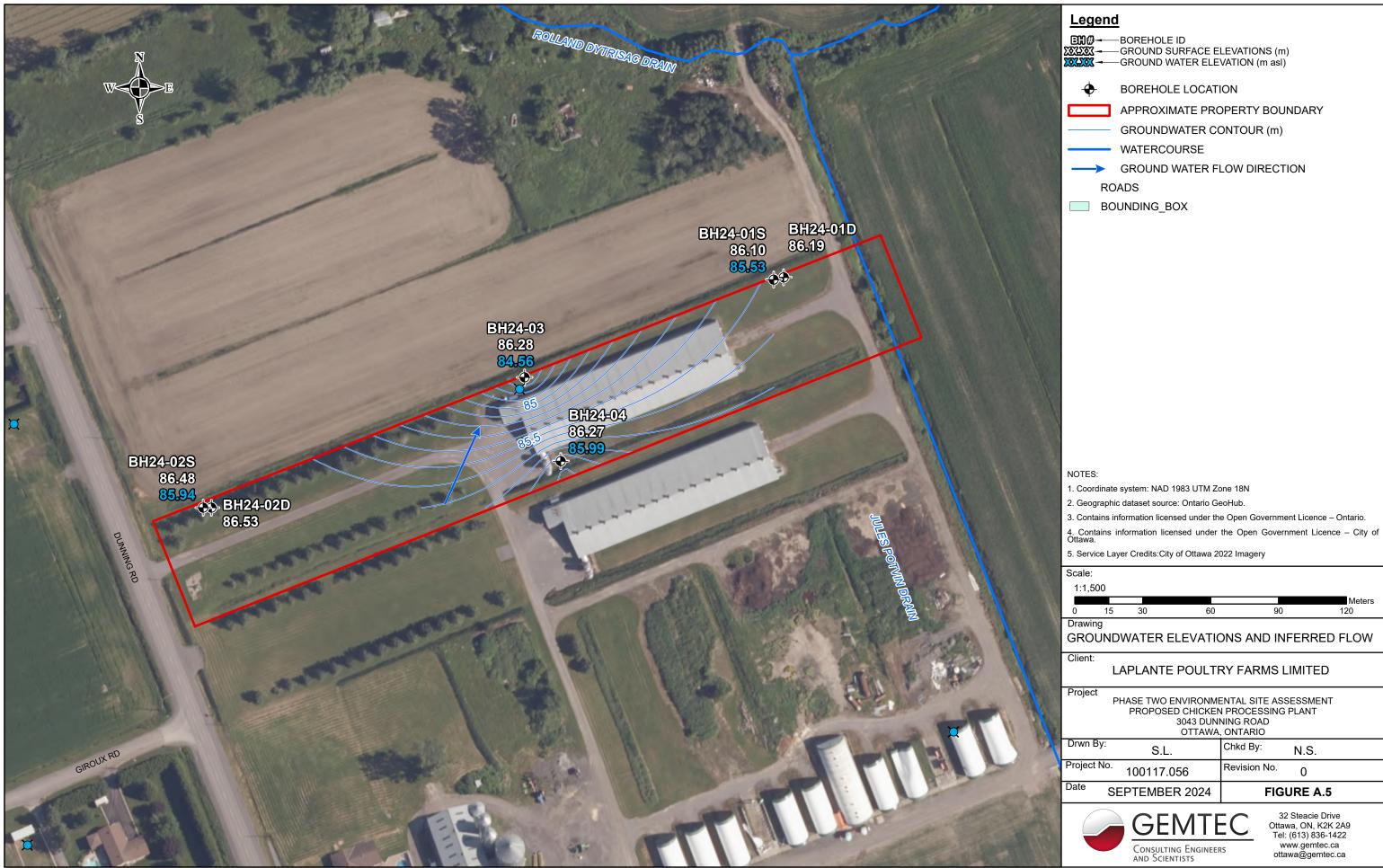
LAPLANTE POULTRY FARMS LIMITED

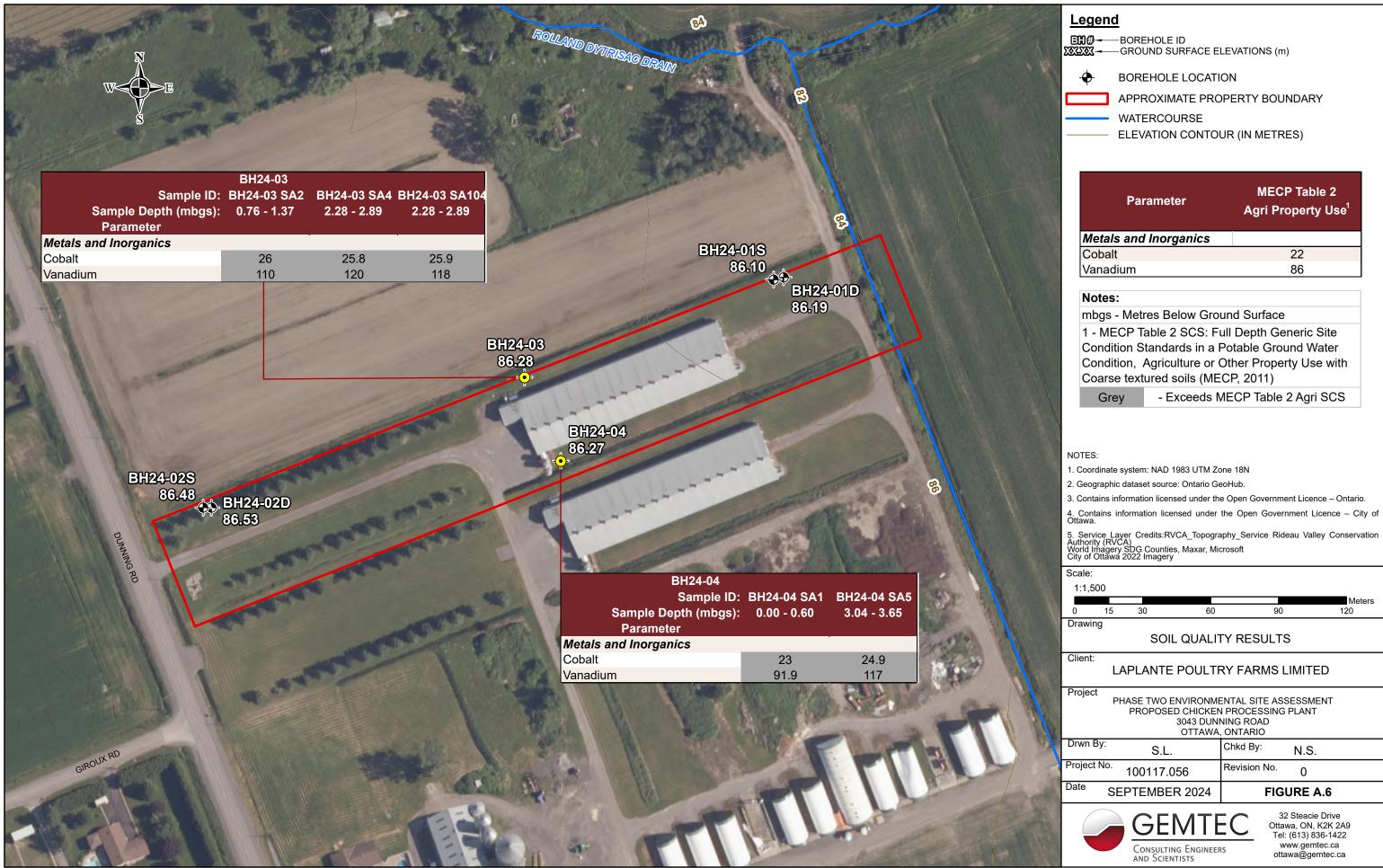
PHASE TWO ENVIRONMENTAL SITE ASSESSMENT PROPOSED CHICKEN PROCESSING PLANT 3043 DUNNING ROAD OTTAWA, ONTARIO

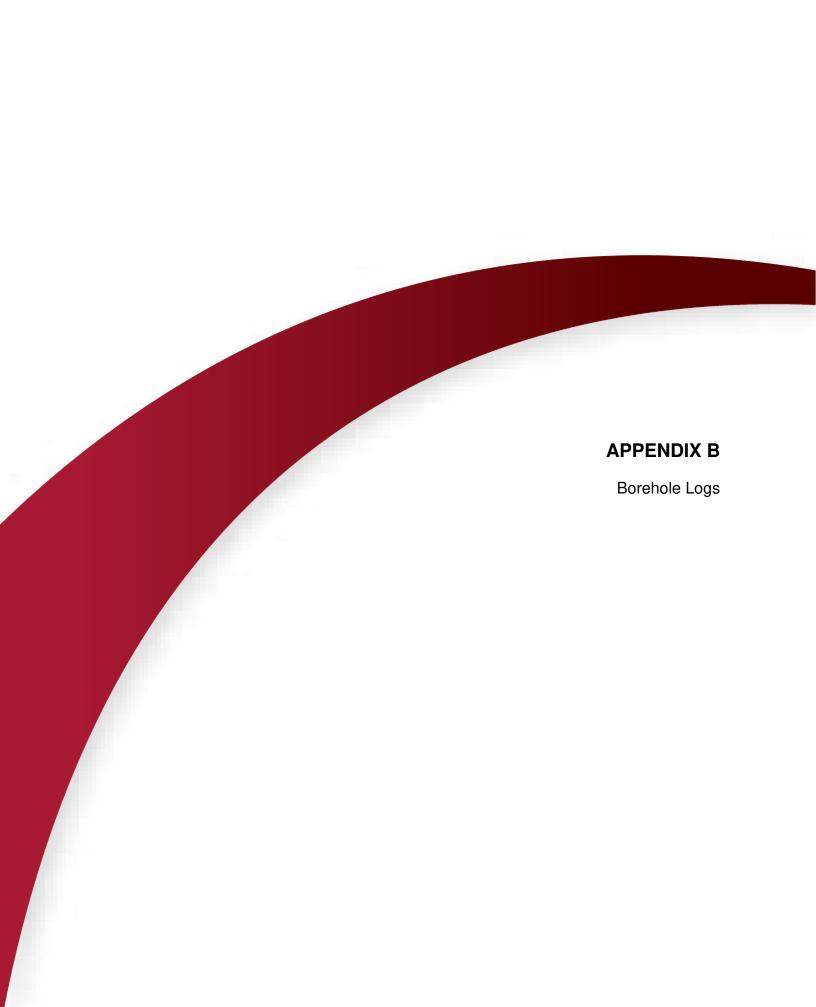
Chkd By: S.L. N.S. Revision No. 100117.056 SEPTEMBER 2024 **FIGURE A.4**



32 Steacie Drive Ottawa, ON, K2K 2A9 Tel: (613) 836-1422 www.gemtec.ca ottawa@gemtec.ca







RECORD OF BOREHOLE 24-03

CLIENT: Laplante Poultry Farms Limited

PROJECT: Geotechnical Investigation, Proposed Chicken Processing Plant, 3043 Dunning Road, Sarsfield, Ontario

JOB#: 100117.056

LOCATION: See Appendix A, Figure A.1

SHEET: 1 OF 2 DATUM: CGVD28 BORING DATE: Jul 22 2024

| . | e | SOIL PROFILE | | 1 | <u> </u> | | | SAIVII | PLE DATA | u g l | | | | |
|--------|--|---|-------------|------------------------|-------------------|------|------------------------|------------|------------------------|--|-------|-------------|---------|--|
| METRES | BORING METHOD | DESCRIPTION | STRATA PLOT | ELEV. DEPTH (m) | NUMBER | TYPE | RECOVERY (mm) | BLOWS/0.3m | LABORATORY ANALYSES | COMBUSTIBLE VAPOUR CONCENTRATION (ppm) | ODOUR | TPH (mg/kg) | MO I | NITORING WELL NSTALLATION AND NOTES |
| 1 2 3 | Fower Auger Hollow Stem Auger (210mm OD) | Ground Surface TOPSOIL Stiff to very stiff, grey brown SILTY CLAY (WEATHERED CRUST) Firm to stiff, grey SILTY CLAY | S | 86.28 96.23 0.05 | 1 2 3 4 5 5 6 6 7 | ss | 0 510 610 610 | 7 8 8 2 PM | SA1 SA2 SA3 SA4 SA5 | N/A HEX: 60 IBL: 0 HEX: 35 IBL: 0 HEX: 5 IBL: 0 | | | | Bentonite seal Filter sand 50 mm diameter PVC screen |
| 7 8 | | | | | 8 | | 610 | | SA7 | HEX: 0 IBL: 0 | | | | Auger cuttings |

RECORD OF BOREHOLE 24-03

CLIENT: Laplante Poultry Farms Limited

PROJECT: Geotechnical Investigation, Proposed Chicken Processing Plant, 3043 Dunning Road, Sarsfield, Ontario

JOB#: 100117.056

LOCATION: See Appendix A, Figure A.1

SHEET: 2 OF 2 DATUM: CGVD28 BORING DATE: Jul 22 2024

| | Ω | SOIL PROFILE | | ı | | | | SAMI | PLE DATA | | | | | | |
|--------|---|--|-------------|------------------------|----------|------|---------------|------------|------------------------|---|-------|-------------|------------|--|--------------------|
| METRES | BORING METHOD | DESCRIPTION | STRATA PLOT | ELEV. DEPTH (m) | NUMBER | TYPE | RECOVERY (mm) | BLOWS/0.3m | LABORATORY ANALYSES | COMBUSTIBLE VAPOUR CONCENTRATION (ppm) | ODOUR | TPH (mg/kg) | MOI II | NITORING W NSTALLATIOI AND NOTES | ELL N |
| | | | | | 9 | ss | 610 | WH | SA9 | HEX: 0 IBL: 0 | | | | | |
| 10 - | | Firm to stiff, grey SILTY CLAY | | 7 <u>6.28</u> 10.00 | - | | | | | | | | | | |
| 11 | | | | | 10 | ss | 610 | WH | SA10 | HEX: 0 IBL: 0 | | | | | |
| 12 | iger (210mm OD) | | | | | | | | | | | | | Auger cuttir | ngs |
| | Power Auger Hollow Stem Auger (210mm OD) | | | | 11 | ss | 610 | WH | SA11 | HEX: 0 IBL: 0 | | | | | |
| 13 | Holl | Dense to very dense, grey GRAVEL and SAND, some silt, trace clay, with cobbles and boulders (GLACIAL TILL) | | 73.07 13.21 | 12 | SS | 610 | 44 | SA12 | | | | | | |
| 14 | | | | | 13 | ss | 355 | 82 | SA13 | | | | | | |
| | | End of Borehole Auger Refusal | <u> </u> | 71.80 14.48 | _ | | | | | | | | | | |
| | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | DEPTH (m) | |
| | | | | | | | | | | | | | Jul. 29/24 | DEPTH (m) 1.52 | ELEVATION 84.76 |
| | | | | | | | | | | | | | Aug. 01/24 | 1.72 | 84.56 |
| | <u> </u> | SEMTEC_ | <u> </u> | | <u> </u> | | | | | | | <u> </u> | L | DGGED: CD | |
| | Co | NSULTING ENGINEERS D SCIENTISTS | | | | | | | | | | | C | HECKED: PS | 3 |

RECORD OF BOREHOLE 24-04

CLIENT: Laplante Poultry Farms Limited

PROJECT: Geotechnical Investigation, Proposed Chicken Processing Plant, 3043 Dunning Road, Sarsfield, Ontario

JOB#: 100117.056

LOCATION: See Appendix A, Figure A.1

SHEET: 1 OF 1 DATUM: CGVD28 BORING DATE: Jul 22 2024

| DESCRIPTION Ground Surface TOPSOIL Stiff to very stiff, grey brown SILTY CLAY WEATHERED CRUST) | STRATA PLOT | 86.27 86.22 0.05 | | SS | - R | BLOWS/0.3m | LABORATORY ANALYSES | COMBUSTIBLE VAPOUR CONCENTRATION (ppm) | ODOUR | ТРН (mg/kg) | | ONITORING WE NSTALLATION AND NOTES | ELL N |
|--|-------------|------------------------|--------------------|--|--------------------------------|---|--|---|--|---|---|---|--|
| TOPSOIL / | | 86.27 86.22 0.05 | | SS | 355 5 | 5 | SA1 | HEA: 30 | | | | | |
| Grey SILTY CLAY | | 8 <u>3.22</u> 3.05 | 5 6 7 | SS | 610 ± 610 ± 610 ± 610 v | 2 2 WH | SA2 SA3 SA4 SA5 SA6 | HEX: 15 IBL: 0 HEX: 5 IBL: 0 HEX: 5 IBL: 0 HEX: 5 IBL: 0 HEX: 15 IBL: 0 HEX: 15 IBL: 0 | | | | Filter sand 50 mm diam PVC screen | neter |
| | | | | | | | | | | | GROUN DATE Jul. 29/24 Aug. 01/24 | DWATER OBSERV DEPTH (m) 0.44 \(\frac{\text{\subset}}{\text{\subset}} \) 0.27 \(\frac{\text{\subset}}{\text{\subset}} \) | VATIONS ELEVATION 85.83 86.00 |
| | EMTEC | | d of Borehole 6.71 | 7 7 8 8 9 9 6.71 | 6 SS 7 SS 8 SS 9 SS 79.56 6.71 | 6 SS 610 M 7 SS 610 M 8 SS 610 M 9 SS 610 M | 6 SS 610 WH 7 SS 610 WH 8 SS 610 WH 9 SS 610 WH 79.56 6.71 | 6 SS 610 WH SA6 7 SS 610 WH SA7 8 SS 610 WH SA8 9 SS 610 WH SA9 79.56 6.71 | BL: 0 HEX: 15 IBL: 0 HEX: 0 IBL: 0 H | 6 SS 610 WH SA6 HEX: 15 IBL: 0 7 SS 610 WH SA7 HEX: 0 IBL: 0 8 SS 610 WH SA8 HEX: 0 IBL: 0 9 SS 610 WH SA9 HEX: 0 IBL: 0 | 6 SS 610 WH SA6 HEX: 15 IBL: 0 7 SS 610 WH SA7 HEX: 0 IBL: 0 HEX: 0 IBL: 0 HEX: 0 IBL: 0 HEX: 0 IBL: 0 HEX: 0 IBL: 0 | 6 SS 610 WH SA6 HEX: 15 IBL: 0 7 SS 610 WH SA7 HEX: 0 IBL: 0 8 SS 610 WH SA8 HEX: 0 IBL: 0 9 SS 610 WH SA9 HEX: 0 IBL: 0 GROUND GROUND GROUND GROUND GROUND AUG. 01/24 AUG. 01/24 | 6 SS 610 WH SA6 HEX: 15 IBL: 0 7 SS 610 WH SA7 HEX: 0 IBL: 0 8 SS 610 WH SA8 HEX: 0 IBL: 0 9 SS 610 WH SA9 HEX: 0 IBL: 0 GROUNDWATER OBSERS DATE DEFTH (n) Jul. 29:24 0.44 ▼ Aug. 01:24 0.27 ▼ |





Table D.1: Summary of Soil Analytical Results Metals, Inorganics, and Polycyclic Aromatic Hydrocarbons Phase Two Environmental Site Assessment 3043 Dunning Road, Ottawa, Ontario

| | | | Sample ID | BH24-3 SA2 | BH24-3 SA4 | BH24-3 SA104 | BH24-4 SA1 | BH24-4 SA5 | BH24-4 SA2 |
|---|--|------------------------------|---|--------------------------------------|--------------------------------------|--------------------------------------|--------------------------------------|--------------------------------------|--------------------------------------|
| Contaminants of Concern | MECP Table 2 Agri or Other Property Use - Coarse | Reporting Detection Limit | Sample Depth (mbgs) Lab ID Sampling Date Units | 0.76 - 1.37 6024141 2024-07-22 | 2.28 - 2.89 6024154 2024-07-22 | 2.28 - 2.89 6024163 2024-07-22 | 0.00 - 0.60 6024166 2024-07-22 | 3.04 - 3.65 6024172 2024-07-22 | 0.76 - 1.37 6024172 2024-07-22 |
| Metals and Inorganics - Soil | | | | | | | | | |
| Antimony | 7.5 | 0.8 | μg/g | <0.8 | <0.8 | < 0.8 | < 0.8 | <0.8 | N/A |
| Arsenic | 11 | 1 | μg/g | 3 | 2 | 3 | 3 | 2 | N/A |
| Barium | 390 | 2 | μg/g | 255 | 304 | 263 | 231 | 289 | N/A |
| Beryllium | 4 | 0.5 | μg/g | 0.9 | 0.8 | 0.8 | 0.9 | 0.8 | N/A |
| Boron | 120 | 5 | μg/g | 10 | 11 | 13 | 9 | 11 | N/A |
| Boron (Hot Water Soluable) | 1.5 | 0.1 | μg/g | 0.34 | 1.05 | 0.81 | 0.17 | 1.14 | N/A |
| Cadmium | 1 | 0.5 | μg/g | < 0.5 | < 0.5 | < 0.5 | < 0.5 | <0.5 | N/A |
| Chromium | 160 | 5 | μg/g | 141 | 147 | 145 | 120 | 140 | N/A |
| Cobalt | 22 | 0.8 | μg/g | 26 | 25.8 | 25.9 | 23 | 24.9 | N/A |
| Copper | 140 | 1 | μg/g | 55.3 | 46.6 | 51.9 | 39.6 | 52 | N/A |
| Lead | 45 | 1 | μg/g | 11 | 9 | 10 | 12 | 9 | N/A |
| Molybdenum | 6.9 | 0.5 | μg/g | 0.6 | 0.8 | 0.7 | 0.5 | 0.8 | N/A |
| Nickel | 100 | 1 | μg/g | 79 | 79 | 80 | 67 | 77 | N/A |
| Selenium | 2.4 | 0.8 | μg/g | <0.8 | <0.8 | <0.8 | <0.8 | <0.8 | N/A |
| Silver | 20 | 0.5 | μg/g | <0.5 | <0.5 | <0.5 | < 0.5 | <0.5 | N/A |
| Thallium | 1 | 0.5 | μg/g | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | N/A |
| Uranium | 23 | 0.5 | μg/g | 1.36 | 1.7 | 1.74 | 1.8 | 2.02 | N/A |
| Vanadium | 86 | 2 | μg/g | 110 | 120 | 118 | 91.9 | 117 | N/A |
| Zinc | 340 | 5 | μg/g | 123 | 134 | 130 | 106 | 130 | N/A |
| Chromium VI | 160 | 0.2 | μg/g | <0.2 | <0.2 | <0.2 | <0.2 | <0.2 | N/A |
| Mercury | 0.25 | 0.1 | μg/g | <0.10 | <0.10 | <0.10 | <0.10 | <0.10 | N/A |
| Weiculy | Surface Soil: 5-9 | 0.1 | μ9/9 | <0.10 | <0.10 | <0.10 | <0.10 | <0.10 | IN/A |
| рН | Subsurface Soil: 5-11 | - | pH Units | 6.71 | 6.88 | N/A | 6.78 | 7.71 | N/A |
| Polycyclic Aromatic Hydrocarbons - Soil | | | | | | | | | |
| Naphthalene | 0.6 | 0.05 | μg/g | < 0.05 | < 0.05 | < 0.05 | < 0.05 | < 0.05 | N/A |
| Acenaphthylene | 0.15 | 0.05 | μg/g | < 0.05 | < 0.05 | < 0.05 | < 0.05 | < 0.05 | N/A |
| Acenaphthene | 7.9 | 0.05 | μg/g | < 0.05 | < 0.05 | < 0.05 | < 0.05 | < 0.05 | N/A |
| Fluorene | 62 | 0.05 | μg/g | < 0.05 | < 0.05 | < 0.05 | < 0.05 | < 0.05 | N/A |
| Phenanthrene | 6.2 | 0.05 | μg/g | < 0.05 | < 0.05 | < 0.05 | < 0.05 | < 0.05 | N/A |
| Anthracene | 0.67 | 0.05 | μg/g | < 0.05 | < 0.05 | < 0.05 | < 0.05 | < 0.05 | N/A |
| Fluoranthene | 0.69 | 0.05 | μg/g | < 0.05 | < 0.05 | < 0.05 | < 0.05 | < 0.05 | N/A |
| Pyrene | 78 | 0.05 | μg/g | < 0.05 | < 0.05 | < 0.05 | < 0.05 | < 0.05 | N/A |
| Benzo[a]anthracene | 0.5 | 0.05 | μg/g | < 0.05 | < 0.05 | < 0.05 | < 0.05 | < 0.05 | N/A |
| Chrysene | 7 | 0.05 | μg/g | < 0.05 | < 0.05 | < 0.05 | < 0.05 | < 0.05 | N/A |
| Benzo[b]fluoranthene | 0.78 | 0.05 | μg/g | < 0.05 | < 0.05 | < 0.05 | < 0.05 | < 0.05 | N/A |
| Benzo[k]fluoranthene | 0.78 | 0.05 | μg/g | < 0.05 | < 0.05 | < 0.05 | < 0.05 | < 0.05 | N/A |
| Benzo[a]pyrene | 0.078 | 0.05 | μg/g | < 0.05 | < 0.05 | < 0.05 | < 0.05 | < 0.05 | N/A |
| Indeno [1,2,3-cd] pyrene | 0.38 | 0.05 | μg/g | < 0.05 | < 0.05 | < 0.05 | < 0.05 | < 0.05 | N/A |
| Dibenzo[a,h]anthracene | 0.1 | 0.05 | μg/g | < 0.05 | < 0.05 | < 0.05 | < 0.05 | < 0.05 | N/A |
| Benzo[g,h,i]perylene | 6.6 | 0.05 | μg/g | < 0.05 | < 0.05 | < 0.05 | < 0.05 | <0.05 | N/A |
| 1,2-Methylnaphthalene | 0.99 | 0.05 | μg/g | < 0.05 | < 0.05 | < 0.05 | < 0.05 | <0.05 | N/A |
| PCBs - Soil | | | F3'3 | | | | | | |
| Polychlorinated Biphenyls | 0.35 | 0.1 | μg/g | N/A | N/A | N/A | <0.1 | <0.1 | <0.1 |
| i organioniatoa dipriorigio | 0.00 | 0.1 | H9/9 | 1 1/7 1 | 1 4/7 1 | 1 4/ / 1 | \(\text{0.1}\) | ζ0.1 | νο. 1 |

Notes:

AGRI - Agricultural or Other Property Use 'mbgs' - Metres Below Ground Surface

'NA' - Not Analyzed

<' - Non-Detect Sample

MECP Table 2 SCS: Soil, Ground Water and Sediment Standards for Use Under Part XV.1 of the Environmental Protection Act. Table 2: Full Depth Generic Site Condition Standards in a Potable Ground Water Condition, Agriculture or Other Property Use with Coarse textured soils (MECP, 2011).

BOLD

- Exceeds MECP Table 2 Agri SCS

Proje
Page 1 of 1



Table D.2: Summary of Soil Analytical Results Petroleum Hydrocarbon Four Fractions and Benzene, Toluene, Ethylbenzene and Xylene Phase Two Environmental Site Assessment 3043 Dunning Road, Ottawa, Ontario

| | MECP Table 2 Agri or | | Sample ID | BH24-3 SA2 | BH24-3 SA4 | BH24-3 SA10 ⁴ | I BH24-4 SA1 | BH24-4 SA5 |
|-----------------------------------|--------------------------------|------------------------------|---|--------------------------------------|--------------------------------------|--------------------------------------|--------------------------------------|--------------------------------------|
| Contaminants of Concern | Other Property Use - Coarse | Reporting Detection Limit | Sample Depth (mbgs) Lab ID Sampling Date Units | 0.76 - 1.37 6024141 2024-07-22 | 2.28 - 2.89 6024154 2024-07-22 | 2.28 - 2.89 6024163 2024-07-22 | 0.00 - 0.60 6024166 2024-07-22 | 3.04 - 3.65 6024172 2024-07-22 |
| Petroleum Hydrocarbons - Soil | | | | | | | | |
| F1 PHCs (C6-C10) | 55 | 5 | μg/g | <5 | <5 | <5 | <5 | <5 |
| F1 PHCs (C6-C10) - BTEX | NS | 5 | μg/g | <5 | <5 | <5 | <5 | <5 |
| F2 PHCs (C10-C16) | 98 | 10 | μg/g | <10 | <10 | <10 | <10 | <10 |
| F2 PHCs (C10-C16) - Naphthalene | NS | 10 | μg/g | <10 | <10 | <10 | <10 | <10 |
| F3 PHCs (C16-C34) | 300 | 50 | μg/g | <50 | <50 | <50 | <50 | <50 |
| F3 PHCs (C16-C34) - PAHs | NS | 50 | μg/g | <50 | < 50 | <50 | <50 | <50 |
| F4 PHCs (C34-C50) | 2800 | 50 | μg/g | <50 | <50 | <50 | <50 | <50 |
| Gravimetric Heavy Hydrocarbons | NS | 50 | μg/g | N/A | N/A | N/A | N/A | N/A |
| Volatile Organic Compounds - Soil | | | | | | | | |
| Benzene | 0.21 | 0.02 | μg/g | < 0.02 | < 0.02 | < 0.02 | < 0.02 | < 0.02 |
| Toluene | 2.3 | 0.05 | μg/g | < 0.05 | < 0.05 | < 0.05 | < 0.05 | < 0.05 |
| Ethylbenzene | 1.1 | 0.05 | μg/g | < 0.05 | < 0.05 | < 0.05 | < 0.05 | < 0.05 |
| m/p-Xylene | NS | 0.05 | μg/g | < 0.05 | < 0.05 | < 0.05 | < 0.05 | < 0.05 |
| o-Xylene | NS | 0.05 | μg/g | < 0.05 | < 0.05 | < 0.05 | < 0.05 | < 0.05 |
| Xylenes, total | 3.1 | 0.05 | μg/g | < 0.05 | < 0.05 | < 0.05 | < 0.05 | < 0.05 |

Notes:

'mbgs' - Metres Below Ground Surface

'NS' - No Standard

<' - Non-Detect Sample

MECP Table 2 SCS: Soil, Ground Water and Sediment Standards for Use Under Part XV.1 of the Environmental Protection Act. Table 2: Full Depth Generic Site Condition Standards in a Potable Ground Water Condition, Agriculture or Other Property Use with Coarse textured soils (MECP, 2011).

BOLD

- Exceeds MECP Table 2 RPI Agri SCS

Page 1 of 1



Table D.3: Summary of TCLP Analytical Results
Metals and Inorganics Leachate
Phase Two Environmental Site Assessment
3043 Dunning Road, Ottawa, Ontario

| | O.Reg. 558 Schedule 4 Leachate Quality | Reporting | Sample ID | TCLP - COMP |
|-----------------------------------|--|-----------------|----------------------------------|-----------------------|
| Contaminants of Concern | Criteria | Detection Limit | Lab ID Sampling Date Units | 6024177 2024-07-22 |
| Metals and Inorganics - Leachate | | | | |
| Arsenic Leachate | 2.5 | 0.010 | mg/L | < 0.010 |
| Barium Leachate | 100 | 0.020 | mg/L | 0.149 |
| Boron Leachate | 500 | 0.050 | mg/L | < 0.050 |
| Cadmium Leachate | 0.5 | 0.010 | mg/L | < 0.010 |
| Chromium Leachate | 5 | 0.050 | mg/L | < 0.050 |
| Lead Leachate | 5 | 0.010 | mg/L | < 0.010 |
| Mercury Leachate | 0.1 | 0.01 | mg/L | < 0.01 |
| Selenium Leachate | 1 | 0.020 | mg/L | < 0.020 |
| Silver Leachate | 5 | 0.010 | mg/L | < 0.010 |
| Uranium Leachate | 10 | 0.050 | mg/L | < 0.050 |
| Fluoride Leachate | 150 | 0.10 | mg/L | 0.13 |
| Cyanide Leachate | 20 | 0.05 | mg/L | < 0.05 |
| (Nitrate + Nitrite) as N Leachate | 1000 | 0.70 | mg/L | < 0.70 |
| Benzo(a)pyrene Leachate | 0.001 | 0.0001 | mg/L | < 0.001 |

| Notes: | |
|------------------------|---|
| <' - Non-Detect Sample | |
| BOLD | Exceeds O.Reg. 558 Schedule 4 Leachate Quality Criteria |

Client: T L Carroll Holdings Inc. Project Number: 102151.001

Page 1 of 1 April 2024



Table D.4: Summary of Groundwater Analytical Results Metals, Inorganics, and Polycyclic Aromatic Hydrocarbons Phase Two Environmental Site Assessment 3043 Dunning Road, Ottawa, Ontario

| | | | Sample ID | BH24-3 SA2 | BH24-3 SA4 | BH24-3 SA104 |
|--|--|------------------------------|---|--------------------------------------|--------------------------------------|--------------------------------------|
| Contaminants of Concern | MECP Table 2 Agri or Other Property Use - Coarse | Reporting Detection Limit | Sample Depth (mbgs) Lab ID Sampling Date Units | 0.76 - 1.37 6024141 2024-07-22 | 2.28 - 2.89 6024154 2024-07-22 | 2.28 - 2.89 6024163 2024-07-22 |
| Metals and Inorganics - Groundwater | | | Offics | | | |
| Dissolved Antimony | 6 | 1.0 | μg/L | <1.0 | <1.0 | <1.0 |
| Dissolved Arsenic | 25 | 1.0 | μg/L | <1.0 | 1.4 | 1.4 |
| Dissolved Barium | 1000 | 2.0 | μg/L | 67.7 | 63.9 | 56.3 |
| Dissolved Beryllium | 4 | 0.50 | μg/L | < 0.50 | < 0.50 | <0.50 |
| Dissolved Boron | 5000 | 10.0 | μg/L | 284 | 413 | 282 |
| Dissolved Cadmium | 2.7 | 0.20 | μg/L | <0.20 | <0.20 | <0.20 |
| Dissolved Chromium | 25 | 2.0 | μg/L | <2.0 | <2.0 | <2.0 |
| Dissolved Colonium Dissolved Cobalt | 3.8 | 0.50 | μg/L | <0.50 | <0.50 | <0.50 |
| Dissolved Cobait Dissolved Copper | 87 | 1.0 | μg/L | 1.5 | 1.6 | 1.2 |
| Dissolved Copper Dissolved Lead | 10 | 0.50 | | < 0.50 | <0.50 | <0.50 |
| | 70 | 0.50 | μg/L | 6.75 | 4.71 | 11.5 |
| Dissolved Molybdenum Dissolved Nickel | 100 | 1.0 | μg/L | 4.4 | 2.1 | <1.0 |
| | | | μg/L | | | |
| Dissolved Selenium | 10 | 1.0 | μg/L | <1.0 | <1.0 | <1.0 |
| Dissolved Silver | 1.5 | 0.20 | μg/L | <0.20 | <0.20 | <0.20 |
| Dissolved Thallium | 2 | 0.30 | μg/L | < 0.30 | <0.30 | < 0.30 |
| Dissolved Uranium | 20 | 0.50 | μg/L | 5.42 | 5.05 | 9.8 |
| Dissolved Vanadium | 6.2 | 0.40 | μg/L | 2.47 | 1.58 | 2.24 |
| Dissolved Zinc | 1100 | 5.0 | μg/L | <5.0 | <5.0 | <5.0 |
| Conductivity | N/A | 0.005 | mS/cm | NA | NA | 0.249 |
| Polycyclic Aromatic Hydrocarbons - Gi | roundwater | | | | | |
| Naphthalene | 11 | 0.2 | μg/L | < 0.2 | < 0.2 | < 0.2 |
| Acenaphthylene | 1 | 0.2 | μg/L | < 0.2 | < 0.2 | < 0.2 |
| Acenaphthene | 4.1 | 0.2 | μg/L | < 0.2 | < 0.2 | < 0.2 |
| Fluorene | 120 | 0.2 | μg/L | < 0.2 | < 0.2 | < 0.2 |
| Phenanthrene | 1 | 0.1 | μg/L | <0.1 | < 0.1 | <0.1 |
| Anthracene | 2.4 | 0.1 | μg/L | < 0.1 | < 0.1 | <0.1 |
| Fluoranthene | 0.41 | 0.2 | μg/L | <0.2 | <0.2 | <0.2 |
| Pyrene | 4.1 | 0.2 | μg/L | <0.2 | <0.2 | <0.2 |
| Benzo[a]anthracene | 1 | 0.2 | μg/L | <0.2 | <0.2 | <0.2 |
| Chrysene | 0.1 | 0.1 | μg/L | <0.1 | <0.1 | <0.1 |
| Benzo[b]fluoranthene | 0.1 | 0.1 | μg/L | <0.1 | <0.1 | <0.1 |
| Benzo[k]fluoranthene | 0.1 | 0.1 | μg/L | <0.1 | <0.1 | <0.1 |
| Benzo[a]pyrene | 0.01 | 0.01 | μg/L | <0.01 | <0.01 | <0.01 |
| Indeno [1,2,3-cd] pyrene | 0.2 | 0.2 | μg/L | <0.2 | <0.2 | <0.2 |
| Dibenzo[a,h]anthracene | 0.2 | 0.2 | μg/L | <0.2 | <0.2 | <0.2 |
| Benzo[g,h,i]perylene | 0.2 | 0.2 | μg/L | <0.2 | <0.2 | <0.2 |
| | | | | | | |
| 1,2-Methylnaphthalene | 3.2 | 0.2 | μg/L | < 0.2 | < 0.2 | < 0.2 |

Notes:

RPI - Residential/Parkland/Institutional 'mbgs' - Metres Below Ground Surface

'NA' - Not Analyzed

<' - Non-Detect Sample

MECP Table 2 SCS: Soil, Ground Water and Sediment Standards for Use Under Part XV.1 of the Environmental Protection Act. Table 2: Full Depth Generic Site Condition Standards in a Potable Ground Water Condition, RPI Property Use with Coarse textured soils (MECP, 2011).

BOLD

- Exceeds MECP Table 2 RPI Agri SCS

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Table D.5: Summary of Groundwater Analytical Results Petroleum Hydrocarbon Four Fractions and Benzene, Toluene, Ethylbenzene and Xylene Phase Two Environmental Site Assessment 3043 Dunning Road, Ottawa, Ontario

| Contaminants of Concern | MECP Table 2 Agri or Other Property Use - Coarse | Reporting Detection Limit | Sample ID Lab ID Sampling Date Units | BH23-03 6047067 2024-08-01 | BH24-103 6047067 2024-08-01 | BH24-4 6047073 2024-08-01 | Field Blank 6047082 2024-08-01 | Trip Blank 6047089 2024-08-01 |
|--------------------------------------|--|------------------------------|---|----------------------------------|-----------------------------------|---------------------------------|--------------------------------------|-------------------------------------|
| Petroleum Hydrocarbons - Groundwater | , | | | | | | | |
| F1 PHCs (C6-C10) | NS | 25 | μg/L | <25 | <25 | <25 | <25 | <25 |
| F1 PHCs (C6-C10) - BTEX | 750 | 25 | μg/L | <25 | <25 | <25 | <25 | <25 |
| F2 PHCs (C10-C16) | 150 | 100 | μg/L | <100 | <100 | <100 | N/A | N/A |
| F2 PHCs (C10-C16) - Naphthalene | NS | 100 | μg/L | <100 | <100 | <100 | N/A | N/A |
| F3 PHCs (C16-C34) | 500 | 100 | μg/L | <100 | <100 | <100 | N/A | N/A |
| F3 PHCs (C16-C34) - PAHs | NS | 100 | μg/L | <100 | <100 | <100 | N/A | N/A |
| F4 PHCs (C34-C50) | 500 | 100 | μg/L | <100 | <100 | <100 | N/A | N/A |
| Gravimetric Heavy Hydrocarbons | NS | 500 | μg/L | N/A | N/A | N/A | N/A | N/A |
| Volatile Organic Compounds - Groundw | ater | | | | | | | |
| Benzene | 5 | 0.02 | μg/L | < 0.02 | < 0.02 | < 0.02 | < 0.02 | < 0.02 |
| Toluene | 24 | 0.2 | μg/L | < 0.05 | < 0.05 | < 0.05 | < 0.05 | < 0.05 |
| Ethylbenzene | 2.4 | 0.1 | μg/L | < 0.05 | < 0.05 | < 0.05 | < 0.05 | < 0.05 |
| m/p-Xylene | NS | 0.2 | μg/L | < 0.05 | < 0.05 | < 0.05 | < 0.05 | < 0.05 |
| o-Xylene | NS | 0.1 | μg/L | < 0.05 | < 0.05 | < 0.05 | < 0.05 | < 0.05 |
| Xylenes, total | 300 | 0.2 | μg/L | < 0.05 | < 0.05 | < 0.05 | < 0.05 | < 0.05 |

Notes:

'mbgs' - Metres Below Ground Surface

'NS' - No Standard

<' - Non-Detect Sample

MECP Table 2 SCS: Soil, Ground Water and Sediment Standards for Use Under Part XV.1 of the Environmental Protection Act. Table 2: Full Depth Generic Site Condition Standards in a Potable Ground Water Condition, RPI Property Use with Coarse textured soils (MECP, 2011).

- Exceeds MECP Table 2 RPI Agri SCS

> Client: T L Carroll Holdings Inc. Project Number: 102151.001

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Table D.6: Summary of Soil Analytical Results Quality Control Phase Two Environmental Site Assessment 3043 Dunning Road, Ottawa, Ontario

| | Units | Reporting Limit | 5*Reporting Limit | Sample ID: Laboratory ID: Date Sampled: Sample Depth (mbgs): MECP Alert Criteria | BH24-3 SA4 6024154 2024-07-22 2.28 - 2.89 | BH24-3 SA104 6024163 2024-07-22 2.28 - 2.89 | RPD |
|---|--------------|--------------------|----------------------|--|--|--|-------|
| Metals and Inorganics (Soil) | | | | | | | |
| Antimony | ug/g | 0.8 | 4 | 30% | <0.8 | <0.8 | - |
| Arsenic | ug/g | 1 | 5 | 30% | 2 | 3 | - |
| Barium | ug/g | 2 | 10 | 30% | 304 | 263 | 14.5% |
| Beryllium | ug/g | 0.5 | 2.5 | 30% | 0.8 | 0.8 | - |
| Boron | ug/g | 5 | 25 | 30% | 11 | 13 | - |
| Boron (HWS) | ug/g | 0.1 | 0.5 | 40% | 1.05 | 0.81 | 25.8% |
| Cadmium | ug/g | 0.5 | 2.5 | 30% | <0.5 | <0.5 | - |
| Chromium | ug/g | 5 | 25 | 30% | 147 | 145 | 1.4% |
| Cobalt | ug/g | 0.8 | 4 | 30% | 25.8 | 25.9 | 0.4% |
| Copper | ug/g | 1 | 5 | 30% | 46.6 | 51.9 | 10.8% |
| Lead | ug/g | 1 | 5 | 30% | 9 | 10 | 10.5% |
| Molybdenum | ug/g | 0.5 | - | 30% | 0.8 | 0.7 | - |
| Nickel | ug/g | 1 | 5 | 30% | 79 | 80 | 1.3% |
| Selenium | ug/g | 0.8 | - | 30% | <0.8 | <0.8 | - |
| Silver | ug/g | 0.5 | 2.5 | 30% | <0.5 | <0.5 | - |
| Thallium | ug/g | 0.5 | 2.5 | 30% | <0.5 | <0.5 | _ |
| Uranium | ug/g | 0.5 | 2.0 | 30% | 1.7 | 1.74 | _ |
| Vanadium | ug/g | 2 | 10 | 30% | 120 | 118 | 1.7% |
| Zinc | ug/g | 5 | 25 | 30% | 134 | 130 | 3.0% |
| Chromium VI | ug/g | 0.2 | 1 | 35% | <0.2 | <0.2 | - |
| Mercury | ug/g | 0.1 | 0.5 | 30% | <0.10 | <0.10 | |
| Volatile Organic Compounds (Soil | | 0.1 | 0.5 | 30% | Q0.10 | Q0.10 | |
| Benzene | ug/g | 0.02 | 0.1 | 50% | <0.02 | <0.02 | |
| Ethylbenzene | ug/g | 0.02 | 0.25 | 50% | <0.05 | <0.05 | _ |
| Toluene | ug/g | 0.05 | 0.25 | 50% | <0.05 | <0.05 | |
| m-Xylene & p-Xylene | ug/g | 0.05 | 0.25 | 50% | <0.05 | <0.05 | - |
| o-Xylene | ug/g ug/g | 0.05 | 0.25 | 50% | <0.05 | <0.05 | - |
| • | | | | | <0.05 | <0.05 | |
| Total Xylenes | ug/g | 0.05 | 0.25 | 50% | <0.05 | <0.05 | |
| Petroleum Hydrocarbons (Soil) F1 (C6-C10) | /a | | OF. | 200/ | .5 | .E | |
| F1 (C6-C10) F1 (C6-C10) - BTEX | ug/g | 5 | 25 25 | 30% 30% | <5 <5 | <5 <5 | - |
| F2 (C10-C16) | ug/g ug/g | 10 | 50 | 30% | <10 | <10 | |
| F3 (C16-C34) | ug/g | 50 | 250 | 30% | <50 | <50 | _ |
| F4 (C34-C50) | ug/g | 50 | 250 | 30% | <50 | <50 | _ |
| Polycyclic Aromatic Hydrocarbor | | - 00 | 200 | 3370 | 100 | 100 | _ |
| Naphthalene | ug/g | 0.05 | 0.25 | 40% | < 0.05 | < 0.05 | _ |
| Acenaphthylene | ug/g | 0.05 | 0.25 | 40% | <0.05 | <0.05 | _ |
| Acenaphthene | ug/g | 0.05 | 0.25 | 40% | <0.05 | <0.05 | - |
| Fluorene | ug/g | 0.05 | 0.25 | 40% | <0.05 | <0.05 | - |
| Phenanthrene | ug/g | 0.05 | 0.25 | 40% | < 0.05 | < 0.05 | - |
| Anthracene | ug/g | 0.05 | 0.25 | 40% | < 0.05 | < 0.05 | - |
| Fluoranthene | ug/g | 0.05 | 0.25 | 40% | < 0.05 | < 0.05 | - |
| Pyrene | ug/g | 0.05 | 0.25 | 40% | < 0.05 | < 0.05 | - |
| Benz(a)anthracene | ug/g | 0.05 | 0.25 | 40% | < 0.05 | <0.05 | - |
| Chrysene | ug/g | 0.05 | 0.25 | 40% | <0.05 | <0.05 | - |
| Benzo(b)fluoranthene | ug/g | 0.05 | 0.25 | 40% | <0.05 | <0.05 | - |
| Benzo(k)fluoranthene | ug/g | 0.05 | 0.25 | 40% | <0.05 | <0.05 | - |
| Benzo(a)pyrene | ug/g | 0.05 | 0.25 | 40% | <0.05 | <0.05 | - |
| Indeno(1,2,3-cd)pyrene | ug/g | 0.05 | 0.25 | 40% | <0.05 | <0.05 | - |
| Dibenz(a,h)anthracene | ug/g | 0.05 | 0.25 | 40% | <0.05 | <0.05 | - |
| Benzo(g,h,i)perylene | ug/g | 0.05 | 0.25 | 40% | <0.05 | <0.05 | - |
| 1 and 2 Methlynaphthalene | ug/g | 0.05 | 0.25 | 40% | < 0.05 | < 0.05 | - |

Notes:

'-': Not Analyzed

'<' : Non Detect

'mbgs' : metres below ground surface

BOLD Exceeds MECP Alert Criteria

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Table D.7: Summary of Groundwater Analytical Results Quality Control

Phase Two Environmental Site Assessment 3043 Dunning Road, Ottawa, Ontario

| | | | | Sample ID: Laboratory ID: Date Sampled: | BH24-03 6047067 2024-08-01 | BH24-103 6047072 2024-08-01 | RPD |
|--|--|---|---|--|---|--|---|
| | Units | Reporting Limit | 5*Reporting Limit | MECP Alert Criteria | | | |
| PHCs F1 - F4 (with PAHs) (Water) | | | | | | | |
| Benzene | μg/L | 0.2 | 1 | 30% | < 0.20 | <0.20 | - |
| Toluene | μg/L | 0.2 | 1 | 30% | <0.20 | <0.20 | - |
| Ethylbenzene | μg/L | 0.1 | 0.5 | 30% | < 0.10 | < 0.10 | - |
| m & p-Xylene | μg/L | 0.2 | 1 | 30% | <0.20 | <0.20 | - |
| o-Xylene | μg/L | 0.1 | 0.5 | 30% | <0.10 | <0.10 | - |
| F1 (C6 to C10) | μg/L | 25 | 125 | 40% | <25 | <25 | - |
| F2 (C10 to C16) F3 (C16 to C34) | μg/L | 100 | 500 | 30% | < 100 < 100 | < 100 < 100 | - |
| F4 (C34 to C50) | μg/L | 100 | 500 500 | 30% 30% | < 100 | < 100 | - |
| PAHs (Water) | μg/L | 100 | 300 | 30% | < 100 | < 100 | - |
| Naphthalene | μg/L | 0.2 | 1 | 30% | <0.20 | <0.20 | |
| Acenaphthylene | μg/L | 0.2 | 1 | 30% | <0.20 | <0.20 | - |
| Acenaphthene | μg/L | 0.2 | 1 | 30% | <0.20 | <0.20 | - |
| Fluorene | μg/L | 0.2 | 1 | 30% | <0.20 | <0.20 | - |
| Phenanthrene | μg/L | 0.1 | 0.5 | 30% | 0.11 | 0.11 | - |
| Anthracene | μg/L | 0.1 | 0.5 | 30% | <0.10 | <0.10 | - |
| Fluoranthene | μg/L | 0.2 | 1 | 30% | <0.20 | <0.20 | - |
| Pyrene | μg/L | 0.2 | 1 | 30% | <0.20 | <0.20 | - |
| Benzo(a)anthracene | μg/L | 0.2 | 1 | 30% | <0.20 | <0.20 | - |
| Chrysene | μg/L | 0.1 | 0.5 | 30% | <0.10 | <0.10 | - |
| Benzo(b)fluoranthene | μg/L | 0.1 | 0.5 | 30% | <0.10 | <0.10 | - |
| Benzo(k)fluoranthene | μg/L | 0.1 | 0.5 | 30% | <0.10 | <0.10 | - |
| Benzo(a)pyrene | μg/L | 0.01 | 0.05 | 30% | <0.01 | <0.01 | - |
| Indeno(1,2,3-cd)pyrene | μg/L | 0.2 | 1 | 30% | <0.20 | <0.20 | |
| Dibenz(a,h)anthracene | μg/L | 0.2 | 1 | 30% | <0.20 | <0.20 | - |
| Benzo(g,h,i)perylene | μg/L | 0.2 | 1 | 30% | <0.20 | <0.20 | - |
| 1,2-Methylnaphthalene | μg/L | 0.2 | 1 | 30% | <0.2 | <0.2 | |
| PHCs F1/BTEX (Water) | | 1 | l | | | | - |
| Benzene | μg/L | 0.2 | 1 | 30% | <0.20 | <0.20 | |
| Toluene | μg/L | 0.2 | 1 | 30% | <0.20 | <0.20 | - |
| Ethylbenzene | μg/L | 0.1 | 0.5 | 30% | <0.10 | <0.10 | - |
| | | | | | | | |
| | | | | | | | - |
| m & p-Xylene | μg/L | 0.2 | 1 | 30% | <0.20 | <0.20 | - |
| | µg/L µg/L | | | | | | - |
| m & p-Xylene o-Xylene | μg/L | 0.2 0.2 | 1 1 | 30% 30% | <0.20 <0.10 | <0.20 <0.10 | |
| m & p-Xylene o-Xylene F1 (C6 to C10) ORPs (Water) pH | µg/L µg/L µg/L pH Units | 0.2 0.2 | 1 1 | 30% 30% | <0.20 <0.10 | <0.20 <0.10 | |
| m & p-Xylene o-Xylene F1 (C6 to C10) ORPs (Water) pH Metals (including Hydrides) (Wate | µg/L µg/L µg/L pH Units | 0.2 0.2 25 | 1 1 125 | 30% 30% 40% N/A | <0.20 <0.10 <25 7.55 | <0.20 <0.10 <25 7.9 | - |
| m & p-Xylene o-Xylene F1 (C6 to C10) ORPs (Water) pH Metals (Including Hydrides) (Wate Dissolved Antimony | µg/L µg/L µg/L pH Units | 0.2 0.2 25 | 1 1 125 | 30% 30% 40% N/A | <0.20 <0.10 <25 7.55 | <0.20 <0.10 <25 7.9 | - |
| m & p-Xylene o-Xylene F1 (C6 to C10) ORPs (Water) pH Metals (Including Hydrides) (Wate Dissolved Antimony Dissolved Arsenic | μg/L μg/L μg/L pH Units r) - Lab Filtered μg/L μg/L | 0.2 0.2 25 1.0 1.0 | 1 1 125 | 30% 30% 40% N/A 20% | <0.20 <0.10 <25 7.55 | <0.20 <0.10 <25 7.9 <1.0 <1.0 | 4.5% |
| m & p-Xylene 0-Xylene F1 (C6 to C10) ORPs (Water) pH Metals (Including Hydrides) (Water) Dissolved Antimony Dissolved Arsenic Dissolved Barium | μg/L μg/L μg/L pH Units r) - Lab Filtered μg/L μg/L μg/L | 0.2 0.2 25 1.0 1.0 2.0 | 1 1 125 5 5 10 | 30% 30% 40% N/A 20% 20% | <0.20 <0.10 <25 7.55 <1.0 <1.0 83.5 | <0.20 <0.10 <25 7.9 <1.0 <1.0 83.4 | 4.5% |
| m & p-Xylene o-Xylene F1 (C6 to C10) ORPs (Water) pH Metals (Including Hydrides) (Water) Dissolved Antimony Dissolved Arsenic Dissolved Barium Dissolved Baryllium | μg/L μg/L μg/L pH Units r) - Lab Filtered μg/L μg/L μg/L | 0.2 0.2 25 1.0 1.0 2.0 0.50 | 1 1 125 5 5 10 2.5 | 30% 30% 40% N/A 20% 20% 20% | <0.20 <0.10 <25 7.55 <1.0 <1.0 83.5 <0.50 | <0.20 <0.10 <25 7.9 <1.0 <1.0 83.4 <0.50 | - 4.5% |
| m & p-Xylene o-Xylene F1 (C6 to C10) ORPs (Water) pH Metals (Including Hydrides) (Wate Dissolved Antimony Dissolved Arsenic Dissolved Barium Dissolved Beryllium Dissolved Boron | μg/L μg/L μg/L pH Units r) - Lab Filtered μg/L μg/L μg/L μg/L | 0.2 0.2 25 1.0 1.0 2.0 0.50 10.0 | 1 1 125 5 5 10 2.5 50 | 30% 30% 40% N/A 20% 20% 20% 20% | <0.20 <0.10 <25 7.55 <1.0 <1.0 <1.0 83.5 <0.50 | <0.20 <0.10 <25 7.9 <1.0 <1.0 83.4 <0.50 | 4.5% - 0.1% - 15.5% |
| m & p-Xylene 0-Xylene F1 (C6 to C10) ORPs (Water) pH Metals (Including Hydrides) (Water) Dissolved Antimony Dissolved Arsenic Dissolved Barium Dissolved Beryllium Dissolved Boron Dissolved Cadmium | µg/L µg/L µg/L pH Units r) - Lab Filtered µg/L µg/L µg/L µg/L µg/L µg/L | 0.2 0.2 25 1.0 1.0 2.0 0.50 10.0 | 1 1 125 5 5 5 10 2.5 50 1 | 30% 30% 40% N/A 20% 20% 20% 20% 20% 20% | <0.20 <0.10 <25 7.55 <1.0 <1.0 83.5 <0.50 181 <0.20 | <0.20 <0.10 <25 7.9 <1.0 <1.0 <1.0 83.4 <0.50 155 <0.20 | - 4.5% |
| m & p-Xylene 0-Xylene F1 (C6 to C10) ORPs (Water) pH Metals (Including Hydrides) (Water) Dissolved Antimony Dissolved Arsenic Dissolved Barium Dissolved Boron Dissolved Gadmium Dissolved Cadmium Dissolved Chromium | µg/L µg/L µg/L pH Units r) - Lab Filtered µg/L µg/L µg/L µg/L µg/L µg/L µg/L µg/L | 0.2 0.2 25 1.0 1.0 2.0 0.50 10.0 0.20 2.0 | 1 1 125 5 5 5 10 2.5 50 1 | 30% 30% 40% N/A 20% 20% 20% 20% 20% 20% 20% | <0.20 <0.10 <25 7.55 <1.0 <1.0 83.5 <0.50 181 <0.20 <2.0 | <0.20 <0.10 <25 7.9 <1.0 <1.0 <3.4 <0.50 155 <0.20 <2.0 | 4.5% - 0.1% - 15.5% |
| m & p-Xylene 0-Xylene F1 (C6 to C10) ORPs (Water) pH Metals (Including Hydrides) (Water) Dissolved Antimony Dissolved Arsenic Dissolved Barium Dissolved Beryllium Dissolved Boron Dissolved Cadmium Dissolved Cadmium Dissolved Chromium Dissolved Chromium | µg/L µg/L µg/L pH Units r) - Lab Filtered µg/L µg/L µg/L µg/L µg/L µg/L µg/L µg/L µg/L µg/L | 0.2 0.2 25 1.0 1.0 2.0 0.50 10.0 0.20 2.0 0.50 | 1 1 125 5 5 10 2.5 50 1 10 2.5 | 30% 30% 40% N/A 20% 20% 20% 20% 20% 20% 20% | <0.20 <0.10 <25 7.55 <1.0 <1.0 83.5 <0.50 181 <0.20 <2.0 <0.50 | <0.20 <0.10 <25 7.9 <1.0 <1.0 83.4 <0.50 155 <0.20 <2.0 <0.50 | - 4.5% - - 0.1% - 15.5% - - |
| m & p-Xylene o-Xylene F1 (C6 to C10) ORPs (Water) pH Metals (Including Hydrides) (Water) Dissolved Antimony Dissolved Arsenic Dissolved Barium Dissolved Beryllium Dissolved Boron Dissolved Cadmium Dissolved Chromium Dissolved Chobalt Dissolved Copper | μg/L μg/L μg/L pH Units r) - Lab Filtered μg/L μg/L μg/L μg/L μg/L μg/L μg/L μg/L | 0.2 0.2 25 1.0 1.0 2.0 0.50 10.0 0.20 2.0 0.50 1.0 | 1 1 125 5 5 10 2.5 5 0 1 1 10 2.5 5 5 5 | 30% 30% 40% N/A 20% 20% 20% 20% 20% 20% 20% 20% 20% | <0.20 <0.10 <25 7.55 <1.0 <1.0 <1.0 83.5 <0.50 181 <0.20 <2.0 <1.0 <1.0 | <0.20 <0.10 <25 7.9 <1.0 <1.0 <1.0 83.4 <0.50 155 <0.20 <2.0 <1.0 <1.0 | - - - - 0.1% - 15.5% - - |
| m & p-Xylene 0-Xylene F1 (C6 to C10) ORPs (Water) pH Metals (Including Hydrides) (Water) Dissolved Antimony Dissolved Arsenic Dissolved Barium Dissolved Beryllium Dissolved Boron Dissolved Cadmium Dissolved Chromium Dissolved Cobalt Dissolved Copper Dissolved Copper | µg/L µg/L µg/L pH Units r) - Lab Filtered µg/L µg/L µg/L µg/L µg/L µg/L µg/L µg/L µg/L µg/L µg/L | 0.2 0.2 25 1.0 1.0 2.0 0.50 10.0 0.20 2.0 0.50 1.0 | 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 | 30% 30% 40% N/A 20% 20% 20% 20% 20% 20% 20% 20% 20% 20% | <0.20 <0.10 <25 7.55 <1.0 <1.0 83.5 <0.50 181 <0.20 <2.0 <0.50 <1.0 <0.50 | <0.20 <0.10 <25 7.9 <1.0 <1.0 <1.0 83.4 <0.50 155 <0.20 <2.0 <0.50 <1.0 <0.50 | - 4.5% - 0.1% - 15.5% - - |
| m & p-Xylene 0-Xylene F1 (C6 to C10) ORPs (Water) pH Metals (Including Hydrides) (Water) Dissolved Antimony Dissolved Ansenic Dissolved Barium Dissolved Boron Dissolved Gadmium Dissolved Cothomium Dissolved Cobalt Dissolved Copper Dissolved Cead Dissolved Copper Dissolved Lead Dissolved Molybdenum | µg/L µg/L µg/L pH Units r) - Lab Filtered µg/L µg/L µg/L µg/L µg/L µg/L µg/L µg/L µg/L µg/L µg/L µg/L µg/L | 0.2 0.2 25 1.0 1.0 2.0 0.50 10.0 0.20 2.0 0.50 1.0 0.50 1.0 0.50 5.50 | 1 1 125 5 5 5 10 2.5 50 1 1 10 2.5 5 5 2.5 5 2.5 5 | 30% 30% 40% N/A 20% 20% 20% 20% 20% 20% 20% 20% 20% 20 | <0.20 <0.10 <25 7.55 <1.0 <1.0 83.5 <0.50 181 <0.20 <2.0 <0.50 <1.0 0.64 | <0.20 <0.10 <25 7.9 <1.0 <1.0 83.4 <0.50 155 <0.20 <2.0 <0.50 <1.0 0.76 | - 4.5% - - 0.1% - 15.5% - - |
| m & p-Xylene o-Xylene F1 (C8 to C10) ORPs (Water) pH Metals (Including Hydrides) (Water) Dissolved Antimony Dissolved Arsenic Dissolved Barium Dissolved Beryllium Dissolved Beryllium Dissolved Cadmium Dissolved Cadmium Dissolved Chromium Dissolved Choper Dissolved Copper Dissolved Copper Dissolved Lead Dissolved Lead Dissolved Lead Dissolved Lesd Dissolved Lesd Dissolved Molybdenum Dissolved Nickel | μg/L μg/L μg/L pH Units r) - Lab Filtered μg/L μg/L μg/L μg/L μg/L μg/L μg/L μg/L | 0.2 0.2 0.2 25 1.0 1.0 2.0 0.50 10.0 0.20 2.0 0.50 1.0 0.50 1.0 | 1 1 125 5 5 10 2.5 50 1 1 10 2.5 5 5 2.5 5 5 | 30% 30% 40% N/A 20% 20% 20% 20% 20% 20% 20% 20% 20% 20 | <0.20 <0.10 <25 7.55 <1.0 <1.0 83.5 <0.50 181 <0.20 <2.0 <0.50 <1.0 0.64 2.4 | <0.20 <0.10 <25 7.9 <1.0 <1.0 <1.0 83.4 <0.50 155 <0.20 <2.0 <0.50 <1.0 <0.50 1.0 <1.0 | - 4.5% - 0.1% - 15.5% |
| m & p-Xylene 0-Xylene F1 (C6 to C10) ORPs (Water) pH Metals (Including Hydrides) (Water) Dissolved Antimony Dissolved Arsenic Dissolved Barium Dissolved Beryllium Dissolved Beryllium Dissolved Codmium Dissolved Chromium Dissolved Cobalt Dissolved Copper Dissolved Lead Dissolved Lead Dissolved Lead Dissolved Mylydenum Dissolved Mylydenum Dissolved Mylydenum Dissolved Mylydenum Dissolved Mickel Dissolved Selenium | µg/L µg/L µg/L µg/L pH Units r) - Lab Filtered µg/L µg/L µg/L µg/L µg/L µg/L µg/L µg/L | 0.2 0.2 25 1.0 1.0 2.0 0.50 10.0 0.20 2.0 0.50 1.0 0.50 0.50 0.50 1.0 | 1 1 125 5 5 6 10 2.5 50 1 10 2.5 5 5 5 2.5 5 5 5 5 7 7 8 7 8 7 8 7 8 7 8 7 8 7 8 | 30% 30% 40% N/A 20% 20% 20% 20% 20% 20% 20% 20% 20% 20 | <0.20 <0.10 <25 7.55 <1.0 <1.0 <1.0 83.5 <0.50 181 <0.20 <2.0 <0.50 <1.0 <0.50 0.64 2.4 1 | <0.20 <0.10 <25 7.9 <1.0 <1.0 <1.0 83.4 <0.50 155 <0.20 <2.0 <0.50 <1.0 <0.50 0.10 <1.0 <0.50 0.10 <0.50 0.10 <0.50 0.16 1.4 <1.0 | - 4.5% |
| m & p-Xylene 0-Xylene F1 (C6 to C10) ORPs (Water) pH Metals (Including Hydrides) (Water) Dissolved Antimony Dissolved Arsenic Dissolved Barium Dissolved Beryllium Dissolved Boron Dissolved Cadmium Dissolved Chromium Dissolved Cobalt Dissolved Copper Dissolved Copper Dissolved Milybdenum Dissolved Nickel Dissolved Nickel Dissolved Nickel | µg/L µg/L µg/L µg/L pH Units r) - Lab Filtered µg/L µg/L µg/L µg/L µg/L µg/L µg/L µg/L | 0.2 0.2 25 1.0 1.0 2.0 0.50 0.20 2.0 0.50 1.0 0.50 0.50 1.0 0.50 | 1 1 125 5 5 5 10 2.5 5 1 10 2.5 5 5 2.5 5 2.5 5 5 1 1 1 1 2.5 5 5 1 1 1 1 2 1 2 1 1 1 1 1 1 1 1 1 1 | 30% 30% 40% N/A 20% 20% 20% 20% 20% 20% 20% 20% 20% 20 | <0.20 <0.10 <25 7.55 <1.0 <1.0 <1.0 83.5 <0.50 181 <0.20 <2.0 <0.50 <1.0 <0.50 0.64 2.4 1 <0.20 | <0.20 <0.10 <25 7.9 <1.0 <1.0 <1.0 83.4 <0.50 155 <0.20 <2.0 <0.50 <1.0 <0.50 0.76 1.4 <1.0 <0.20 | - 4.5% - 0.1% - 15.5% |
| m & p-Xylene 0-Xylene F1 (C6 to C10) ORPs (Water) pH Metals (Including Hydrides) (Water) Dissolved Antimony Dissolved Ansenic Dissolved Barium Dissolved Boron Dissolved Gadmium Dissolved Cother Dissolved Copper Dissolved Copper Dissolved Copper Dissolved Copper Dissolved Mickel Dissolved Nickel Dissolved Selenium Dissolved Selenium Dissolved Selenium Dissolved Silver Dissolved Silver Dissolved Silver Dissolved Thallium | µg/L | 0.2 0.2 25 1.0 1.0 2.0 0.50 10.0 0.20 2.0 0.50 1.0 0.0 0.0 0.0 0.0 0.0 0.0 0. | 1 1 125 5 5 5 10 2.5 5 0 1 10 2.5 5 5 5 2.5 5 5 5 10 2.5 5 5 10 2.5 5 5 5 10 2.5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 | 30% 30% 40% N/A 20% 20% 20% 20% 20% 20% 20% 20% 20% 20 | <0.20 <0.10 <25 7.55 <1.0 <1.0 83.5 <0.50 181 <0.20 <2.0 <0.50 <1.0 <0.50 <1.0 <0.50 <1.0 <0.50 <0.64 2.4 1 0.020 <0.30 <0.30 | <0.20 <0.10 <25 7.9 <1.0 <1.0 <1.0 83.4 <0.50 155 <0.20 <2.0 <0.50 <1.0 <0.50 <1.1 <0.50 0.76 1.4 <1.0 <0.20 <0.30 | 4.5% |
| m & p-Xylene o-Xylene F1 (C6 to C10) ORPs (Water) pH Metals (Including Hydrides) (Water) Dissolved Antimony Dissolved Arsenic Dissolved Beryllium Dissolved Beryllium Dissolved Beryllium Dissolved Cadmium Dissolved Chromium Dissolved Chobalt Dissolved Cobalt Dissolved Cobalt Dissolved Cobalt Dissolved Cobalt Dissolved Molybdenum Dissolved Molybdenum Dissolved Silver Dissolved Silver Dissolved Silver Dissolved Silver Dissolved Silver Dissolved Silver | μg/L μg/L μg/L pH Units r) - Lab Filtered μg/L μg/L μg/L μg/L μg/L μg/L μg/L μg/L | 0.2 0.2 0.2 25 1.0 1.0 2.0 0.50 10.0 0.20 2.0 0.50 1.0 0.50 1.0 0.50 1.0 0.50 | 1 1 125 5 5 10 2.5 5 0 1 1 10 2.5 5 5 2.5 5 5 1.0 2.5 5 5 1.0 2.5 5 5 1.0 2.5 5 5 1.0 2.5 5 5 5 5 5 7 7 8 7 8 7 8 8 7 8 7 8 8 8 8 | 30% 30% 40% N/A 20% 20% 20% 20% 20% 20% 20% 20% 20% 20 | <0.20 <0.10 <25 7.55 <1.0 <1.0 <1.0 83.5 <0.50 181 <0.20 <2.0 <0.50 <1.0 <0.50 0.64 2.4 1 <0.20 <0.30 0.78 | <0.20 <0.10 <25 7.9 <1.0 <1.0 <1.0 83.4 <0.50 155 <0.20 <2.0 <0.50 <1.0 <0.50 0.76 1.4 <1.0 <0.20 <0.30 0.8 | - 4.5% |
| m & p-Xylene 0-Xylene F1 (C6 to C10) ORPs (Water) pH Metals (Including Hydrides) (Water) Dissolved Antimony Dissolved Arsenic Dissolved Barium Dissolved Beryllium Dissolved Boron Dissolved Codmium Dissolved Cobalt Dissolved Copper Dissolved Copper Dissolved Copper Dissolved Lead Dissolved Nickel Dissolved Silver Dissolved Silver Dissolved Silver Dissolved Thallium Dissolved Thallium Dissolved Thallium Dissolved Vanadium | µg/L µg/L µg/L µg/L µg/L µg/L µg/L µg/L | 0.2 0.2 25 1.0 1.0 2.0 0.50 0.50 0.50 0.50 0.50 0.50 0.5 | 1 1 125 5 5 5 10 2.5 5 0 1 10 2.5 5 5 2.5 5 5 1 10 2.5 5 5 1 10 2.5 5 5 5 10 10 2.5 5 5 5 5 6 10 10 10 10 10 10 10 10 10 10 10 10 10 | 30% 30% 40% N/A 20% 20% 20% 20% 20% 20% 20% 20% 20% 20 | <0.20 <0.10 <25 7.55 <1.0 <1.0 83.5 <0.50 <1.8 181 <0.20 <2.0 <0.50 <1.0 <0.50 0.64 2.4 1 <0.20 <0.30 <0.30 <0.78 <0.40 | <0.20 <0.10 <25 7.9 <1.0 <1.0 <1.0 <83.4 <0.50 155 <0.20 <2.0 <0.50 <1.0 <0.50 0.76 1.4 <1.0 <0.20 <0.30 0.30 <0.40 | 4.5% |
| m & p-Xylene 0-Xylene F1 (C6 to C10) ORPs (Water) pH Metals (Including Hydrides) (Water) Dissolved Antimony Dissolved Arsenic Dissolved Barium Dissolved Beron Dissolved Boron Dissolved Cadmium Dissolved Chromium Dissolved Cobalt Dissolved Copper Dissolved Copper Dissolved Molybdenum Dissolved Nickel Dissolved Nickel Dissolved Selenium Dissolved Silver Dissolved Silver Dissolved Hallium Dissolved Vanadium Dissolved Vanadium Dissolved Vanadium Dissolved Vanadium | µg/L µg/L µg/L µg/L µg/L µg/L µg/L µg/L | 0.2 0.2 0.2 25 1.0 1.0 2.0 0.50 10.0 0.20 2.0 0.50 1.0 0.50 1.0 0.50 1.0 0.50 | 1 1 125 5 5 10 2.5 5 0 1 1 10 2.5 5 5 2.5 5 5 1.0 2.5 5 5 1.0 2.5 5 5 1.0 2.5 5 5 1.0 2.5 5 5 5 5 5 7 7 8 7 8 7 8 8 7 8 7 8 8 8 8 | 30% 30% 40% N/A 20% 20% 20% 20% 20% 20% 20% 20% 20% 20 | <0.20 <0.10 <25 7.55 <1.0 <1.0 <1.0 83.5 <0.50 181 <0.20 <2.0 <0.50 <1.0 <0.50 0.64 2.4 1 <0.20 <0.30 0.78 | <0.20 <0.10 <25 7.9 <1.0 <1.0 <1.0 83.4 <0.50 155 <0.20 <2.0 <0.50 <1.0 <0.50 0.76 1.4 <1.0 <0.20 <0.30 0.8 | - 4.5% |
| m & p-Xylene 0-Xylene F1 (C6 to C10) ORPs (Water) pH Metals (Including Hydrides) (Water) Dissolved Antimony Dissolved Ansenic Dissolved Barium Dissolved Boron Dissolved Gadmium Dissolved Corbait Dissolved Copper Dissolved Cobalt Dissolved Copper Dissolved Cobalt Dissolved Copper Dissolved Copper Dissolved Selenium Dissolved Mickel Dissolved Selenium Dissolved Selenium Dissolved Silver Dissolved Trailium Dissolved Trailium Dissolved Uranium Dissolved Uranium Dissolved Vanadium Dissolved Vanadium Dissolved Vanadium Dissolved Zinc Metals (Including Hydrides) (Wate | µg/L µg/L µg/L µg/L pH Units r) - Lab Filtered µg/L µg/L µg/L µg/L µg/L µg/L µg/L µg/L | 0.2 0.2 0.2 25 1.0 1.0 1.0 2.0 0.50 1.0 0.50 1.0 0.50 1.0 0.50 0.50 | 1 1 125 5 5 10 2.5 50 1 1 10 2.5 5 5 2.5 5 5 2.5 5 2.5 5 2.5 5 2.5 5 2.5 5 2.5 5 2.5 5 2.5 5 2.5 5 5 2.5 5 5 5 | 30% 30% 40% N/A 20% 20% 20% 20% 20% 20% 20% 20% 20% 20 | <0.20 <0.10 <25 7.55 <1.0 <1.0 83.5 <0.50 181 <0.20 <2.0 <0.50 <1.0 0.64 2.4 1 0.20 <0.30 0.78 <0.40 5.1 | <0.20 <0.10 <25 7.9 <1.0 <1.0 <1.0 83.4 <0.50 155 <0.20 <2.0 <0.50 <1.0 <0.50 <1.0 <0.50 <1.0 <0.50 0.76 1.4 <1.0 <0.20 <0.30 <0.8 <0.40 <0.40 <0.50 | - 4.5% - 0.1% - 15.5% |
| m & p-Xylene o-Xylene F1 (C6 to C10) ORPs (Water) pH Metals (Including Hydrides) (Water) Dissolved Antimony Dissolved Antimony Dissolved Beryllium Dissolved Beryllium Dissolved Beryllium Dissolved Cadmium Dissolved Chomium Dissolved Cobalt Dissolved Molybdenum Dissolved Silver Dissolved Wickel Dissolved Silver Dissolved Silver Dissolved Thallium Dissolved Tranium Dissolved Vanadium Dissolved Vanadium Dissolved Vanadium Dissolved Zinc Metals (Including Hydrides) (Wate | μg/L μg/L μg/L μg/L μg/L pH Units r) - Lab Filtered μg/L μg/L μg/L μg/L μg/L μg/L μg/L μg/L | 0.2 0.2 0.2 25 1.0 1.0 1.0 2.0 0.50 10.0 0.20 2.0 0.50 1.0 0.50 0.50 0.50 0.50 0.50 1.0 1.0 1.0 0.20 1.0 1.0 1.0 1.0 0.20 1.0 1.0 1.0 0.20 1.0 1.0 1.0 0.20 1.0 1.0 1.0 0.20 1.0 1.0 1.0 0.20 0.30 0.50 0.40 5.0 | 1 1 125 5 5 5 10 2.5 5 0 1 1 10 2.5 5 5 2.5 5 1 1 1 1 2.5 5 5 1 1 1 2 2 5 5 5 5 5 5 5 7 7 8 7 8 7 8 7 8 7 8 7 8 | 30% 30% 40% N/A 20% 20% 20% 20% 20% 20% 20% 20% 20% 20 | <0.20 <0.10 <25 7.55 <1.0 <1.0 <1.0 83.5 <0.50 181 <0.20 <2.0 <0.50 <1.0 <0.50 0.64 2.4 1 0.20 <0.30 0.78 <0.40 5.1 <-1.0 | <0.20 <0.10 <25 7.9 <1.0 <1.0 83.4 <0.50 155 <0.20 <0.50 <1.0 <0.50 <1.0 <0.50 <1.0 <0.50 <0.50<td>- 4.5%</td> | - 4.5% |
| m & p-Xylene 0-Xylene F1 (C6 to C10) ORPs (Water) pH Metals (Including Hydrides) (Water) Dissolved Antimony Dissolved Beryllium Dissolved Beryllium Dissolved Boron Dissolved Cadmium Dissolved Cobalt Dissolved Copper Dissolved Selenium Dissolved Selenium Dissolved Siver Dissolved Siver Dissolved Silver Dissolved Silver Dissolved Thallium Dissolved Tranium Dissolved Vanadium Dissolved Vanadium Dissolved Vanadium Dissolved Zinc Metals (Including Hydrides) (Wate | µg/L µg/L µg/L µg/L µg/L µg/L µg/L µg/L | 0.2 0.2 0.2 25 1.0 1.0 1.0 2.0 0.50 1.0 0.50 0.50 1.0 0.20 2.0 0.50 1.0 1.0 0.20 1.0 1.0 0.20 1.0 1.0 0.20 1.0 0.30 0.50 0.50 1.0 1.0 1.0 0.10 0.10 0.10 0 | 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 | 30% 30% 40% N/A 20% 20% 20% 20% 20% 20% 20% 20% 20% 20 | <0.20 <0.10 <25 7.55 <1.0 <1.0 <1.0 83.5 <0.50 <0.50 <1.0 <0.50 <0.64 2.4 1 <0.20 <0.30 <0.78 <0.40 5.1 <1.0 <1.0 <0.78 <0.78 <0.78 <0.78 <0.78 <0.78 <0.78 <0.78 <0.78 <0.78 <0.78 <0.78 <0.78 <0.78 <0.78 <0.78 <0.78 <0.78 <0.78 <0.78 <0.78 <0.78 <0.78 <0.78 <0.78 <0.78 <0.78 <0.78 <0.78 <0.78 <0.78 <0.78 <0.78 <0.78 <0.78 <0.78 <0.78 <0.78 <0.78 <0.78 <0.78 <0.78 <0.78 <0.78 <0.78 <0.78 <0.78 <0.78 <0.78 <0.78 <0.78 <0.78 <0.78 <0.78 <0.78 <0.78 <0.78 <0.78 <0.78 <0.78 <0.78 <0.78 <0.78 <0.78 <0.78 <0.78 <0.78 <0.78 <0.78 <0.78 <0.78 <0.78 <0.78 <0.78 <0.78 <0.78 <0.78 <0.78 <0.78 <0.78 <0.78 <0.78 <0.78 <0.78 <0.78 <0.78 <0.78 <0.78 <0.78 <0.78 <0.78 <0.78 <0.78 <0.78 <0.78 <0.78 <0.78 <0.78 <0.78 <0.78 <0.78 <0.78 <0.78 <0.78 <0.78 <0.78 <0.78 <0.78 <0.78 <0.78 <0.78 <0.78 <0.78 <0.78 <0.78 <0.78 <0.78 <0.78 <0.78 <0.78 <0.78 <0.78 <0.78 <0.78 <0.78 <0.78 <0.78 <0.78 <0.78 <0.78 <0.78 <0.78 <0.78 <0.78 <0.78 <0.78 <0.78 <0.78 <0.78 <0.78 <0.78 <0.78 <0.78 <0.78 <0.78 <0.78 <0.78 <0.78 <0.78 <0.78 <0.78 <0.78 <0.78 <0.78 <0.78 <0.78 <0.78 <0.78 <0.78 <0.78 <0.78 <0.78 <0.78 <0.78 <0.78 <0.78 <0.78 <0.78 <0.78 <0.78 <0.78 <0.78 <0.78 <0.78 <0.78 <0.78 <0.78 <0.78 <0.78 <0.78 <0.78 <0.78 <0.78 <0.78 <0.78 <0.78 <0.78 <0.78 <0.78 <0.78 <0.78 <0.78 <0.78 <0.78 <0.78 <0.78 <0.78 <0.78 <0.78 <0.78 <0.78 <0.78 <0.78 <0.78 <0.78 <0.78 <0.78 <0.78 <0.78 <0.78 <0.78 <0.78 <0.78 <0.78 <0.78 <0.78 <0.78 <0.78 <0.78 <0.78 <0.78 <0.78 <0.78 <0.78 <0.78 <0.78 <0.78 <0.78 <0.78 <0.78 <0.78 <0.78 <0.78 <0.78 <0.78 <0.78 <0.78 <0.78 <0.78 <0.78 <0.78 <0.78 <0.78 <0.78 <0.78 <0.78 <0.78 <0.78 <0.78 <0.78 <0.78 <0.78 <0.78 <0.78 <0.78 <0.78 <0.78 <0.78 <0.78 <0.78 <0.78 <0.78 <0.78 <0.78 <0.78 <0.78 <0.78 <0.78 <0.78 <0.78 <0.78 <0.78 <0.78 <0.78 <0.78 <0.78 <0.78 <0.78 <0.78 <0.78 <0.78 <0.78 <0.78 <0.78 <0.78 <0.78 <0.78 <0.78 <0.78 <0.78 <0.78 <0.78 <0.78 <0.78 <0.78 <0.78 <0.78 <0.78 <0.78 <0.78 <0.78 <0.78 <0.78 <0.78 <0.78 <0.78 <0.78 <0.78 <0.78 <0.78 <0.78 <0.78 <0.78 <0.78 <0.78 <0.78 <0.78 <0.78 <0.78 <0.78 <0.78 <0 | <0.20 <0.10 <25 7.9 <1.0 <1.0 <1.0 83.4 <0.50 155 <0.20 <2.0 <0.50 <1.0 <0.50 0.76 1.4 <1.0 <0.20 <0.30 <0.50 <0.50 <1.0 <0.50 <0.50 <0.76 1.4 <1.0 <0.20 <0.30 <0.50 <0.76 <1.0 <0.50 <0.76 <1.0 <0.20 <0.30 <0.40 <5.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 | - 4.5% - 0.1% - 15.5% |
| m & p-Xylene 0-Xylene F1 (C6 to C10) ORPs (Water) pH Metals (Including Hydrides) (Water) Dissolved Antimony Dissolved Arsenic Dissolved Barium Dissolved Beron Dissolved Cadmium Dissolved Corper Dissolved Copper Dissolved Molybdenum Dissolved Nickel Dissolved Selenium Dissolved Silver Dissolved Silver Dissolved Vanadium Dissolved Vanadium Dissolved Vanadium Dissolved Vanadium Dissolved Vanadium Dissolved Vanadium Dissolved Zinc Metals (Including Hydrides) (Wate Dissolved Antimony Dissolved Antimony Dissolved Antimony Dissolved Barium | µg/L µg/L µg/L µg/L µg/L µg/L µg/L µg/L | 0.2 0.2 0.2 25 1.0 1.0 1.0 2.0 0.50 10.0 0.50 0.50 1.0 0.20 0.30 0.50 1.0 1.0 0.20 0.30 0.50 1.0 0.20 0.30 0.50 0.50 1.0 0.20 0.30 0.50 0.50 1.0 0.20 0.30 0.50 0.50 0.50 0.50 0.50 0.50 0.5 | 1 1 125 5 5 5 10 2.5 5 1 10 2.5 5 5 2.5 5 5 1 1.5 2.5 5 5 2.5 5 5 2.5 5 2.5 5 5 2.5 5 5 2.5 5 5 2.5 5 5 5 | 30% 30% 40% N/A 20% 20% 20% 20% 20% 20% 20% 20% 20% 20 | <pre><0.20 <0.10 <25 7.55 <1.0 <1.0 <1.0 83.5 <0.50 181 <0.20 <2.0 <0.50 0.64 2.4 1 <0.20 <0.30 0.78 <0.40 5.1 </pre> | <0.20 <0.10 <25 7.9 <1.0 <1.0 <1.0 83.4 <0.50 155 <0.20 <2.0 <0.50 <1.0 <0.50 <1.10 <0.50 <0.76 1.4 <1.0 <0.20 <0.30 <0.8 <0.40 <5.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 | |
| m & p-Xylene o-Xylene F1 (C6 to C10) ORPs (Water) pH Metals (Including Hydrides) (Water) Dissolved Antimony Dissolved Arsenic Dissolved Beryllium Dissolved Beryllium Dissolved Beryllium Dissolved Beryllium Dissolved Codalt Dissolved Codalt Dissolved Cobalt Dissolved Cobalt Dissolved Copper Dissolved Copper Dissolved Cobalt Dissolved Copper Dissolved Lead Dissolved Silver Dissolved Thallium Dissolved Silver Dissolved Silver Dissolved Vanadium Dissolved Vanadium Dissolved Vanadium Dissolved Vanadium Dissolved Vanadium Dissolved Vanadium Dissolved Jinc Metals (Including Hydrides) (Wate Dissolved Arsenic Dissolved Barium Dissolved Barium Dissolved Beryllium | µg/L µg/L µg/L µg/L pH Units r) - Lab Fillered µg/L µg/L µg/L µg/L µg/L µg/L µg/L µg/L | 0.2 0.2 0.2 25 1.0 1.0 1.0 2.0 0.50 1.0 0.50 1.0 0.50 1.0 1.0 0.20 2.0 0.50 1.0 1.0 1.0 0.20 1.0 0.50 1.0 1.0 0.20 0.50 1.0 0.50 0.50 0.50 0.50 0.50 0.50 | 1 1 125 5 5 10 2.5 5 0 1 1 10 2.5 5 5 2.5 5 5 2.5 5 2.5 5 2.5 5 5 2.5 5 5 5 | 30% 30% 40% N/A 20% 20% 20% 20% 20% 20% 20% 20% 20% 20 | <0.20 <0.10 <25 7.55 <1.0 <1.0 <1.0 83.5 <0.50 181 <0.20 <2.0 <0.50 <1.0 <0.50 0.64 2.4 1 <0.20 <0.30 0.78 <0.40 5.1 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1 | <0.20 <0.10 <25 7.9 <1.0 <1.0 <1.0 <83.4 <0.50 155 <0.20 <2.0 <0.50 <1.0 <0.50 1.0 <0.50 0.76 1.4 <1.0 <0.20 <0.30 o.8 <0.40 <5.0 <1.0 <1.0 <0.10 <0.20 <1.0 <0.50 <1.0 <0.50 <1.0 <0.10 <0.20 <0.10 <0.10 <0.20 <0.30 <0.40 <0.50 <0.50 <0.76 <0.76 <0.76 <0.76 <0.76 <0.76 <0.76 <0.76 <0.76 <0.76 <0.76 <0.76 <0.76 <0.76 <0.76 <0.76 <0.76 <0.76 <0.76 <0.76 <0.76 <0.76 <0.76 <0.76 <0.76 <0.76 <0.76 <0.76 <0.76 <0.76 <0.76 <0.76 <0.76 <0.76 <0.76 <0.76 <0.76 <0.76 <0.76 <0.76 <0.76 <0.76 <0.76 <0.76 <0.76 <0.76 <0.76 <0.76 <0.76 <0.76 <0.76 <0.76 <0.76 <0.76 <0.76 <0.76 <0.76 <0.76 <0.76 <0.76 <0.76 <0.76 <0.76 <0.76 <0.76 <0.76 <0.76 <0.76 <0.76 <0.76 <0.76 <0.76 <0.76 <0.76 <0.76 <0.76 <0.76 <0.76 <0.76 <0.76 <0.76 <0.76 <0.76 <0.76 <0.76 <0.76 <0.76 <0.76 <0.76 <0.76 <0.76 <0.76 <0.76 <0.76 <0.76 <0.76 <0.76 <0.76 <0.76 <0.76 <0.76 <0.76 <0.76 <0.76 <0.76 <0.76 <0.76 <0.76 <0.76 <0.76 <0.76 <0.76 <0.76 <0.76 <0.76 <0.76 <0.76 <0.76 <0.76 <0.76 | 4.5% |
| m & p-Xylene 0-Xylene F1 (C6 to C10) ORPs (Water) pH Metals (Including Hydrides) (Water) Dissolved Antimony Dissolved Antimony Dissolved Beryllium Dissolved Beryllium Dissolved Cobalt Dissolved Cobalt Dissolved Copper Dissolved Molybdenum Dissolved Molybdenum Dissolved Silver Dissolved Silver Dissolved Silver Dissolved Thallium Dissolved Vanadium Dissolved Vanadium Dissolved Vanadium Dissolved Zinc Metals (Including Hydrides) (Water) Dissolved Antimony Dissolved Antimony Dissolved Barium Dissolved Boron | µg/L µg/L µg/L µg/L µg/L µg/L µg/L µg/L | 0.2 0.2 0.2 25 1.0 1.0 1.0 2.0 0.50 10.0 0.50 1.0 0.50 0.50 0.50 1.0 1.0 1.0 0.20 2.0 0.50 1.0 0.50 0.50 1.0 0.50 0.50 1.0 0.50 0.5 | 1 1 1 125 5 5 5 10 2.5 5 5 1 10 2.5 5 5 2.5 5 5 1 1.5 2.5 2.5 2.5 2.5 2.5 2.5 2.5 2.5 2.5 2 | 30% 30% 40% N/A 20% 20% 20% 20% 20% 20% 20% 20% 20% 20 | <pre><0.20 <0.10 <25 7.55 <1.0 <1.0 <1.0 83.5 <0.50 <1.0 <0.50 <1.0 <0.50 <1.0 <0.50 0.64 2.4 1 0.20 <0.30 0.78 <0.40 5.1 <1.0 <1.0 <1.0 <2.4 0.20 <2.4 0.20 <2.4 0.20 <2.5 0.50 <0.50 <0.50</pre> | <0.20 <0.10 <25 7.9 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <0.50 <0.50 <0.50 <1.0 <0.50 <1.0 <0.50 <1.1 <0.20 <0.20 <0.30 <0.40 <1.0 <0.20 <0.20 <1.0 <0.50 <1.1 <1.0 <0.20 <0.30 <0.40 <5.0 <1.0 <1.0 <1.0 <2.0 <0.20 <0.30 <0.40 <0.40 <2.0 <0.10 <0.20 <0.30 <0.40 <0.40 <0.20 <0.40 <0.20 <0.30 <0.40 <0.20 <0.40 <0.20 <0.20 <0.30 <0.30 <0.40 <0.20 <0.40 <0.40 <0.20 <0.40 <0.20 <0.40 <0.20 <0.40 <0.20 <0.40 <0.20 <0.40 <0.20 <0.40 <0.40 <0.20 <0.40 <0.40 <0.20 <0.40 <0.20 <0.40 <0.40 <0.20 <0.40 <0.20 <0.40 <0.40 <0.20 <0.40 <0.40 <0.20 <0.40 <0.40 <0.20 <0.40 <0.40 <0.40 <0.40 <0.40 <0.40 <0.40 <0.40 <0.40 <0.40 <0.40 <0.40 <0.40 <0.40 <0.40 <0.40 <0.40 <0.40 <0.40 <0.40 <0.40 <0.40 <0.40 <0.40 <0.40 <0.40 <0.40 <0.40 <0.40 <0.40 <0.40 <0.40 <0.40 <0.40 <0.40 <0.40 <0.40 <0.40 <0.40 <0.40 <0.40 <0.40 <0.40 <0.40 <0.40 <0.40 <0.40 <0.40 <0.40 <0.40 <0.40 <0.40 <0.40 <0.40 <0.40 <0.40 <0.40 <0.40 <0.40 <0.40 <0.40 <0.40 <0.40 <0.40 <0.40 <td></td> | |
| m & p-Xylene 0-Xylene F1 (C6 to C10) ORPs (Water) pH Metals (Including Hydrides) (Water) Dissolved Antimony Dissolved Barium Dissolved Barium Dissolved Cobalt Dissolved Cobalt Dissolved Copper Dissolved Nickel Dissolved Nickel Dissolved Nickel Dissolved Silver Dissolved Jiver Dissolved Jiver Dissolved Uranium Dissolved Vanadium Dissolved Arienic Dissolved Arienic Dissolved Arienic Dissolved Arienic Dissolved Arienic Dissolved Arienic Dissolved Bervilium Dissolved Bervilium Dissolved Beroro Dissolved Cadmium | µg/L µg/L µg/L µg/L µg/L µg/L µg/L µg/L | 0.2 0.2 0.2 25 1.0 1.0 1.0 2.0 0.50 1.0 0.50 0.50 1.0 0.20 0.50 1.0 1.0 0.20 0.50 0.50 1.0 0.50 0.50 0.50 0.50 0.50 | 1 1 1 125 5 5 5 10 2.5 5 1 10 2.5 5 5 2.5 5 5 1 1.5 2.5 5 5 2.5 5 5 5 1 1.5 2.5 5 5 5 5 5 5 6 7 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 | 30% 30% 40% N/A 20% 20% 20% 20% 20% 20% 20% 20% 20% 20 | <pre><0.20 <0.10 <25 7.55 <1.0 <1.0 <1.0 83.5 <0.50 <0.50 <0.50 <0.64 2.4 1 <0.20 <0.30 0.78 <0.40 5.1 <1.0 <1.0 <0.20 <0.20 <0.30 <0.30 <0.30 <0.30 <0.30 <0.40 <0.30 <0.3</pre> | <0.20 <0.10 <25 7.9 <1.0 <1.0 <1.0 <1.0 83.4 <0.50 <0.20 <0.50 <1.0 <0.50 0.76 1.4 <1.0 <0.20 <0.30 <0.40 <5.0 <1.0 <0.20 <0.20 <0.20 <0.20 <0.20 <0.20 <0.20 <0.20 <0.20 <0.20 <0.20 <0.20 <0.20 <0.20 <0.20 <0.20 <0.20 <0.20 <0.20 <0.20 | |
| m & p-Xylene o-Xylene F1 (C8 to C10) ORPs (Water) pH Metals (Including Hydrides) (Water) Dissolved Antimony Dissolved Beryllium Dissolved Beryllium Dissolved Cobalt Dissolved Cobalt Dissolved Chromium Dissolved Molybdenum Dissolved Nickel Dissolved Silver Dissolved Silver Dissolved Silver Dissolved Thallium Dissolved Vanadium Dissolved Vanadium Dissolved Arsenic Dissolved Arsenic Dissolved Arsenic Dissolved Arsenic Dissolved Barium Dissolved Barium Dissolved Barium Dissolved Barium Dissolved Barium Dissolved Boron Dissolved Boron Dissolved Chromium | µg/L µg/L µg/L µg/L µg/L µg/L µg/L µg/L | 0.2 0.2 0.2 25 1.0 1.0 1.0 2.0 0.50 1.0 0.50 1.0 0.50 1.0 1.0 0.50 1.0 1.0 0.20 0.50 0.50 0.50 1.0 1.0 0.20 0.50 0.50 0.50 0.50 0.50 0.50 0. | 1 1 1 125 5 5 5 10 2.5 50 1 1 10 2.5 5 5 2.5 5 5 2.5 5 2.5 5 5 2.5 5 5 2.5 5 5 5 | 30% 30% 40% N/A 20% 20% 20% 20% 20% 20% 20% 20% 20% 20 | <pre><0.20 <0.10 <25 7.55 <1.0 <1.0 <1.0 83.5 <0.50 181 <0.20 <2.0 <0.50 0.64 2.4 1 <0.20 <0.30 0.78 <0.40 5.1 <1.0 <1.0 <0.50 <0.50 <0.64 2.4 2.4 2.4 3.5 <0.50 3.6 3.6 3.6 3.7 3.7 3.7 3.7 3.7 3.7 3.7 3.7 3.7 3.7</pre> | <0.20 <0.10 <25 7.9 <1.0 <1.0 <1.0 83.4 <0.50 <0.50 <1.0 <0.50 <1.0 <0.50 <1.0 <0.50 <1.0 <0.50 <1.0 <0.50 <1.0 <0.50 <1.0 <0.50 <1.0 <0.50 <1.0 <0.20 <0.30 <0.8 <0.40 <5.0 <1.0 <1.0 <1.0 <2.0 <2.0 <2.0 <2.0 <2.0 <2.0 <2.0 <2.0 <2.0 | |
| m & p-Xylene o-Xylene F1 (C6 to C10) ORPs (Water) pH Metals (Including Hydrides) (Water) Dissolved Antimony Dissolved Antimony Dissolved Beryllium Dissolved Beryllium Dissolved Chromium Dissolved Chobalt Dissolved Cobalt Dissolved Cobalt Dissolved Cobalt Dissolved Chomium Dissolved Chalt Dissolved Chalt Dissolved Chobalt Dissolved Chalt Dissolved Chalt Dissolved Molybdenum Dissolved Molybdenum Dissolved Time Dissolved Time Dissolved Molybdenum Dissolved Wolybdenum Dissolved Wolybdenum Dissolved Wolybdenum Dissolved Silver Dissolved Silver Dissolved Silver Dissolved Silver Dissolved Silver Dissolved Silver Dissolved Wolybdenum Dissolved Beryllium Dissolved Beryllium Dissolved Boron Dissolved Codnomium Dissolved Cobalt | μg/L μg/L μg/L μg/L μg/L μg/L μg/L μg/L | 0.2 0.2 0.2 25 1.0 1.0 1.0 2.0 0.50 10.0 0.20 2.0 0.50 1.0 1.0 1.0 0.20 1.0 1.0 0.50 1.0 1.0 0.20 1.0 1.0 0.20 0.50 1.0 1.0 0.20 0.50 1.0 1.0 0.20 0.50 0.50 0.50 0.50 0.50 0.50 0. | 1 1 1 125 5 5 5 10 2.5 5 5 1 10 2.5 5 5 2.5 5 5 1 1 1.5 2.5 5 5 5 5 5 5 7 7 8 9 1 1 1 1 1 5 1 5 1 5 1 5 1 5 1 5 1 5 1 | 30% 30% 40% N/A 20% 20% 20% 20% 20% 20% 20% 20% 20% 20 | <0.20 <0.10 <1.0 <1.0 <1.0 <1.0 <1.0 <83.5 <0.50 <1.0 <0.50 <1.0 <0.50 <1.0 <0.50 <1.0 <0.50 <1.0 <0.50 <1.0 <1.0 <0.50 <1.0 <0.50 <1.0 <0.50 <1.0 <0.50 <1.0 <0.50 <0.64 <1.0 <1.0 <0.20 <2.4 <1 <0.20 <0.30 <0.78 <0.40 <0.10 <0.20 <0.30 <0.78 <0.40 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 | <0.20 <0.10 <25 7.9 <1.0 <1.0 83.4 <0.50 155 <0.20 <0.50 <1.0 <0.50 <1.0 <0.50 <1.0 <0.50 <1.0 <0.50 <1.0 <0.50 <1.0 <0.20 <0.20 <0.30 <0.40 <5.0 <1.0 <1.0 <1.0 <1.0 <2.0 <0.20 <0.50 <0.50 | |
| m & p-Xylene 0-Xylene F1 (C6 to C10) ORPs (Water) pH Metals (Including Hydrides) (Water) Dissolved Antimony Dissolved Arsenic Dissolved Beryllium Dissolved Beryllium Dissolved Cobalt Dissolved Copper | µg/L µg/L µg/L µg/L µg/L µg/L µg/L µg/L | 0.2 0.2 0.2 25 1.0 1.0 1.0 2.0 0.50 1.0 0.50 1.0 0.50 1.0 1.0 0.20 2.0 0.50 1.0 1.0 0.20 2.0 0.50 1.0 1.0 0.20 2.0 0.50 1.0 1.0 0.20 0.30 0.50 0.40 5.0 | 1 1 1 125 5 5 5 10 2.5 5 5 1 10 2.5 5 5 2.5 5 5 1 1 1.0 2.5 5 5 2.5 5 5 2.5 5 5 1 1 1 1 1 1 1 2 2 5 5 5 6 7 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 8 7 8 7 8 8 7 8 7 8 8 7 8 7 8 8 7 8 7 8 8 7 8 8 7 8 7 8 8 7 8 8 8 8 8 7 8 | 30% 30% 40% N/A 20% 20% 20% 20% 20% 20% 20% 20% 20% 20 | <0.20 <0.10 <25 7.55 <1.0 <1.0 <83.5 <0.50 <1.0 <0.50 <1.0 <0.50 <0.50 0.64 2.4 1 <0.20 <0.30 <0.30 <0.78 <0.40 5.1 <1.0 <1.0 <1.0 <1.0 <0.50 1.3 | <0.20 <0.20 <0.10 <25 7.9 <1.0 <1.0 <1.0 83.4 <0.50 <0.50 <0.50 <1.0 <0.50 <0.50 <1.0 <0.50 <0.76 1.4 <1.0 <0.20 <0.30 <0.30 <0.40 <5.0 <1.0 <1.0 <1.0 <1.0 <1.0 <2.0 <0.20 <0.40 <2.0 <0.20 <0.20 <0.20 <0.50 <1.0 <1.0 <1.0 <0.50 <0.50 <1.1 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 | - 4.5% - 0.1% - 15.5% |
| m & p-Xylene 0-Xylene F1 (C6 to C10) ORPs (Water) pH Metals (Including Hydrides) (Water) Dissolved Antimony Dissolved Arsenic Dissolved Barium Dissolved Beron Dissolved Cadmium Dissolved Cobalt Dissolved Copper Dissolved Copper Dissolved Selenium Dissolved Selenium Dissolved Cobalt Dissolved Nickel Dissolved Nickel Dissolved Nickel Dissolved Majbdenum Dissolved Selenium Dissolved Selenium Dissolved Siver Dissolved Siver Dissolved Majbdenum Dissolved Siver Dissolved Siver Dissolved Siver Dissolved Siver Dissolved Hallium Dissolved Jincium Dissolved Jincium Dissolved Antimony Dissolved Antimony Dissolved Antimony Dissolved Barium Dissolved Beron Dissolved Boron Dissolved Codmium Dissolved Codmium Dissolved Codmium Dissolved Comper Dissolved Copper Dissolved Copper | µg/L µg/L µg/L µg/L µg/L µg/L µg/L µg/L | 0.2 0.2 0.2 25 1.0 1.0 1.0 2.0 0.50 1.0 0.50 0.50 1.0 0.20 2.0 0.50 1.0 0.20 2.0 0.50 1.0 0.20 2.0 0.50 1.0 0.20 0.30 0.50 1.0 0.50 0.50 1.0 0.50 0.50 0.50 | 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 | 30% 30% 40% 40% N/A 20% 20% 20% 20% 20% 20% 20% 20% 20% 20 | <pre><0.20 <0.10 <25 7.55 <1.0 <1.0 <1.0 83.5 <0.50 181 <0.20 <2.0 <0.50 0.64 2.4 1 <0.20 <0.30 0.78 <0.40 5.1 <1.0 <1.0 <0.50 <0.50 <0.50 <0.50 <0.64 2.4 1 <0.20 <0.30 <0.30 <0.78 <0.40 5.1 </pre> | <0.20 <0.20 <0.10 <25 7.9 <1.0 <1.0 <1.0 83.4 <0.50 <1.5 <0.20 <2.0 <0.50 <1.0 <0.50 0.76 1.4 <1.0 <0.20 <0.30 0.8 <0.40 <5.0 <1.0 <1.0 <0.20 <2.0 <0.20 <2.0 <0.40 <5.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 | |
| m & p-Xylene o-Xylene F1 (C6 to C10) ORPs (Water) pH Metals (Including Hydrides) (Water) pSecond of the Arsenic Dissolved Antimony Dissolved Beryllium Dissolved Beryllium Dissolved Beryllium Dissolved Codalt Dissolved Codalt Dissolved Copper Dissolved Copper Dissolved Copper Dissolved Copper Dissolved Copper Dissolved Copper Dissolved Lead Dissolved Thallium Dissolved Silver Dissolved Silver Dissolved Silver Dissolved Silver Dissolved Molybdenum Dissolved Vanadium Dissolved Vanadium Dissolved Vanadium Dissolved Vanadium Dissolved Vanadium Dissolved Paraium Dissolved Copper Dissolved Copper Dissolved Copper Dissolved Copper Dissolved Chromium Dissolved Chromium Dissolved Cobalt Dissolved Cobalt Dissolved Cobalt Dissolved Lead Dissolved Molybdenum | µg/L µg/L µg/L µg/L µg/L µg/L µg/L µg/L | 0.2 0.2 0.2 25 1.0 1.0 1.0 2.0 0.50 1.0 0.50 1.0 1.0 0.20 2.0 0.50 1.0 1.0 0.20 2.0 0.50 1.0 1.0 0.20 0.50 1.0 1.0 0.20 0.50 1.0 1.0 0.20 0.50 0.50 0.50 0.50 0.50 0.50 0. | 1 1 1 125 5 5 5 10 2.5 5 2.5 5 2.5 5 5 1 1.5 2.5 2.5 5 5 1 1.5 2.5 5 5 1 1.5 2.5 5 5 1 1.5 2.5 5 5 1 1.5 2 2.5 5 1 1.5 2 2.5 5 5 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 | 30% 30% 40% N/A 20% 20% 20% 20% 20% 20% 20% 20% 20% 20 | <0.20 <0.10 <25 7.55 <1.0 <1.0 <1.0 83.5 <0.50 181 <0.20 <2.0 <0.50 <1.0 <0.50 0.64 2.4 1 <0.20 0.30 0.78 <0.40 5.1 <1.0 <1.0 <2.0 0.50 1.0 <0.50 0.64 2.4 1 7 <0.20 <0.50 0.78 <0.40 5.1 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 < | <0.20 <0.20 <0.10 <25 7.9 <1.0 <1.0 <1.0 83.4 <0.50 <1.0 <0.50 <1.0 <0.50 <1.0 <0.50 <1.0 <0.50 <1.0 <0.50 <1.0 <0.50 <1.0 <0.50 <1.0 <0.50 <1.0 <0.20 <0.30 <0.8 <0.40 <5.0 <1.0 <1.0 <1.0 <2.0 <0.20 <0.20 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <0.50 <p< td=""><td>4.5% </td></p<> | 4.5% |
| m & p-Xylene o-Xylene F1 (C6 to C10) ORPs (Water) pH Metals (Including Hydrides) (Water) Dissolved Antimony Dissolved Antimony Dissolved Beryllium Dissolved Beryllium Dissolved Cobalt Dissolved Cobalt Dissolved Copper Dissolved Copper Dissolved Cobalt Dissolved Cobalt Dissolved Copper Dissolved Copper Dissolved Copper Dissolved Lead Dissolved Lead Dissolved Copper Dissolved Molybdenum Dissolved Silver Dissolved Silver Dissolved Silver Dissolved Thallium Dissolved Vanadium Dissolved Vanadium Dissolved Arenium Dissolved Arenium Dissolved Arenium Dissolved Barium Dissolved Barium Dissolved Barium Dissolved Barium Dissolved Cobalt Dissolved Copper Dissolved Lead Dissolved Lead Dissolved Lead Dissolved Lead Dissolved Lead Dissolved Lead Dissolved Nickel | µg/L µg/L µg/L µg/L µg/L µg/L µg/L µg/L | 0.2 0.2 0.2 25 1.0 1.0 1.0 2.0 0.50 1.0 0.50 1.0 0.50 1.0 1.0 2.0 0.50 1.0 1.0 0.20 2.0 0.50 1.0 0.50 1.0 1.0 0.20 0.50 1.0 1.0 0.20 0.50 1.0 1.0 0.20 0.50 1.0 1.0 1.0 0.20 0.50 1.0 1.0 0.50 0.50 1.0 1.0 0.50 0.5 | 1 1 1 125 5 5 5 10 2.5 5 5 1 10 2.5 5 5 2.5 2.5 5 5 1 1.5 2.5 2.5 2.5 2.5 2.5 2.5 5 5 1 1.5 2.5 2.5 2.5 2.5 2.5 2.5 2.5 2.5 2.5 2 | 30% 30% 40% N/A 20% 20% 20% 20% 20% 20% 20% 20% 20% 20 | <pre><0.20 <0.10 <0.10 <225 7.55 <1.0 <1.0 <1.0 83.5 <0.50 <1.0 <0.50 <1.0 <0.50 0.64 2.4 1 <0.20 <0.30 0.78 <0.40 5.1 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <</pre> | <0.20 <0.10 <25 7.9 <1.0 <1.0 83.4 <0.50 155 <0.20 <0.50 <1.0 <0.50 <1.0 <0.50 <1.0 <0.50 <1.0 <0.50 <1.0 <0.20 <0.20 <1.0 <1.0 <2.0 <0.30 <0.30 <0.40 <5.0 <1.0 <1.0 <1.0 <1.0 <2.0 <2.0 <1.0 <1.0 | |
| m & p-Xylene 0-Xylene F1 (C6 to C10) ORPs (Water) pH Metals (Including Hydrides) (Water) Dissolved Antimony Dissolved Beryllium Dissolved Beryllium Dissolved Cadmium Dissolved Copper Dissolved Copper Dissolved Selenium Dissolved Copper Dissolved Nickel Dissolved Silver Dissolved Silver Dissolved Silver Dissolved Thallium Dissolved Thallium Dissolved Thallium Dissolved Araenic Dissolved Araenic Dissolved Araenic Dissolved Araenic Dissolved Araenic Dissolved Beryllium Dissolved Beryllium Dissolved Beryllium Dissolved Copper Dissolved Lead Dissolved Molybdenum Dissolved Holybdenum Dissolved Molybdenum Dissolved Selenium | µg/L µg/L µg/L µg/L µg/L µg/L µg/L µg/L | 0.2 0.2 0.2 25 1.0 1.0 1.0 2.0 0.50 1.0 0.50 1.0 0.20 2.0 0.50 1.0 1.0 0.20 2.0 0.50 1.0 1.0 0.20 0.50 1.0 1.0 0.50 0.50 1.0 1.0 1.0 0.50 0.5 | 1 1 1 125 5 5 5 10 2.5 5 0 1 10 2.5 5 5 2.5 5 5 1 1 1.5 2.5 5 5 2.5 5 5 1 1 1 2.5 5 5 5 5 6 1 1 1 1 1 2 2 5 5 5 6 1 1 1 1 1 1 2 1 1 1 1 1 1 1 1 1 1 1 1 | 30% 30% 40% N/A 20% 20% 20% 20% 20% 20% 20% 20% 20% 20 | <pre><0.20 <0.10 <25 7.55 <1.0 <1.0 <1.0 83.5 <0.50 <2.0 <0.50 <1.0 <0.50 <1.0 <0.50 0.64 2.4 1 <0.20 <0.30 <0.78 <0.40 5.1 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <</pre> | <0.20 <0.20 <0.10 <25 7.9 <1.0 <1.0 <1.0 <1.0 <1.0 <2.0 <0.50 <0.50 <0.50 <0.50 <0.6 <0.76 <1.0 <0.50 <0.76 <1.4 <1.0 <0.20 <0.30 <0.30 <0.40 <5.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.1 <1.1 <1.1 <1.1 <1.1 <1.1 <1.1 <1.1 <1.1 <1.1 <1.1 <1.1 <1.1 <1.1 <1.1 <1.1 <1.1 <1.1 <1.1 <1.1 <1.1 <1.1 <1.1 <1.1 <1.1 <1.1 <1.1 <1.1 <1.1 <1.1 <1.1 <1.1 <1.1 <1.1 <1.1 <1.1 <1.1 <1.1 <1.1 <1.1 <1.1 <1.1 <1.1 <1.1 <1.1 <1.1 <1.1 <1.1 <1.1 <1.1 <1.1 <1.1 <1.1 <1.1 <1.1 <1.1 <1.1 <1.1 <1.1 <1.1 <1.1 <1.1 <1.1 <1.1 <1.1 <1.1 <1.2 <1.2 <1.2 <1.2 <1.2 <1.2 <1.2 <1.2 <1.2 <1.2 <1.2 <1.2 <1.2 <1.2 <1.2 <1.2 <1.2 <1.2 <1.2 <1.2 <1.2 <1.2 <1.2 <1.2 <1.2 <1.2 <1.2 <1.2 <1.2 <1.2 <1.2 <1.2 <1.2 <1.2 <1.2 <1.2 <1.2 <1.2 <1.2 <1.2 <1.2 <1.2 <1.2 <1.2 <1.2 <1.2 <1.2 <1.2 <1.2 <1.2 <1.2 <1.2 <1.2 <1. | |
| m & p-Xylene o-Xylene F1 (C6 to C10) ORPs (Water) pH Metals (Including Hydrides) (Water) Dissolved Antimony Dissolved Beryllium Dissolved Beryllium Dissolved Cobalt Dissolved Cobalt Dissolved Chromium Dissolved Thallium Dissolved Molybdenum Dissolved Silver Dissolved Silver Dissolved Anadium Dissolved Vanadium Dissolved Vanadium Dissolved Aramium Dissolved Codalt Dissolved Comunum Dissolved Com | µg/L µg/L µg/L µg/L µg/L µg/L µg/L µg/L | 0.2 0.2 0.2 25 1.0 1.0 1.0 2.0 0.50 1.0 0.50 1.0 0.50 1.0 1.0 0.50 0.5 | 1 1 1 125 5 5 5 10 2.5 5 2.5 2.5 5 5 2.5 2.5 5 5 1 1.5 2.5 2.5 5 5 1 1.5 2.5 5 5 1 1.5 2.5 5 5 5 1 1.5 2.5 5 5 6 1 1.5 2.5 5 5 6 6 7 7 8 7 8 8 8 8 8 8 8 8 8 8 8 8 8 8 | 30% 30% 40% N/A 20% 20% 20% 20% 20% 20% 20% 20% 20% 20 | <0.20 <0.10 <0.10 <1.0 <1.0 <1.0 <1.0 <1.0 < | <0.20 <0.10 <25 7.9 <1.0 <1.0 83.4 <0.50 155 <0.20 <2.0 <0.50 <1.0 <0.50 <1.0 <0.50 <1.0 <0.20 <0.30 <0.8 <0.40 <5.0 <1.0 <1.0 <0.20 <0.30 <0.8 <0.40 <5.0 <1.0 < | |
| m & p-Xylene o-Xylene F1 (C6 to C10) ORPs (Water) pH Metals (Including Hydrides) (Water) pSecond of the property of the policy o | µg/L µg/L µg/L µg/L µg/L µg/L µg/L µg/L | 0.2 0.2 0.2 25 1.0 1.0 1.0 2.0 0.50 1.0 0.50 1.0 1.0 0.20 2.0 0.50 1.0 1.0 0.20 0.50 1.0 1.0 1.0 0.20 0.50 1.0 1.0 0.50 1.0 1.0 0.50 0.50 1.0 1.0 1.0 0.50 1.0 1.0 0.50 1.0 1.0 0.50 1.0 0.50 0.5 | 1 1 1 125 5 5 5 10 2.5 5 5 2.5 5 5 1 1.5 2.5 2.5 2.5 2.5 5 5 1 1.5 2.5 2.5 5 5 1 1.5 5 5 5 6 7 7 8 7 8 8 9 9 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 | 30% 30% 40% N/A 20% 20% 20% 20% 20% 20% 20% 20% 20% 20 | <pre><0.20 <0.20 <0.10 <25 7.55 <1.0 <1.0 <1.0 83.5 <0.50 <1.0 <0.50 <1.0 <0.50 0.64 2.4 1 <0.20 <0.30 0.78 <0.40 5.1 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <</pre> | <0.20 <0.10 <25 7.9 <1.0 <1.0 83.4 <0.50 155 <0.20 <2.0 <0.50 <1.0 <0.50 <1.0 <0.50 <1.0 <0.50 <1.0 <0.50 <1.0 <0.20 <0.20 <0.20 <0.20 <0.30 <0.40 <5.0 <1.0 <1.0 <1.0 <2.0 <0.20 <0.40 <0.20 <0.50 <1.4 <0.50 <1.4 <0.50 <1.4 <0.50 <0.50 <0.50 <0.20 <0.30 <0.20 <0.30 <0.20 <0.30 | |
| m & p-Xylene o-Xylene F1 (C6 to C10) ORPs (Water) pH Metals (Including Hydrides) (Water) Dissolved Antimony Dissolved Antimony Dissolved Beryllium Dissolved Beryllium Dissolved Cobalt Dissolved Cobalt Dissolved Copper Dissolved Silver Dissolved Silver Dissolved Silver Dissolved Cobalt Dissolved Copper Dissolved Copper Dissolved Molybdenum Dissolved Cobalt Dissolved Copper Dissolved Molybdenum Dissolved Silver Dissolved Silver Dissolved Silver Dissolved Silver Dissolved Arenic Dissolved Arenic Dissolved Cranium Dissolved Vanadium Dissolved Arenic Dissolved Arenic Dissolved Arenic Dissolved Copper Dissolved Lead Dissolved Copper Dissolved Lead Dissolved Copper Dissolved Lead Dissolved Lead Dissolved Selenium Dissolved Selenium Dissolved Selenium Dissolved Selenium Dissolved Selenium Dissolved Selenium Dissolved Silver Dissolved Silver Dissolved Silver Dissolved Uranium | µg/L µg/L µg/L µg/L µg/L µg/L µg/L µg/L | 0.2 0.2 0.2 25 1.0 1.0 1.0 2.0 0.50 1.0 0.50 0.50 1.0 1.0 0.20 2.0 0.50 1.0 1.0 1.0 0.20 0.50 1.0 1.0 1.0 0.20 0.50 1.0 1.0 0.50 0.50 1.0 1.0 0.50 0.5 | 1 1 1 125 5 5 5 10 2.5 5 5 1 10 2.5 5 5 2.5 5 5 1 1.5 2.5 5 5 2.5 5 5 1 1 1.5 2.5 5 5 5 5 5 5 6 7 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 | 30% 30% 40% N/A 20% 20% 20% 20% 20% 20% 20% 20% 20% 20 | <0.20 <0.10 <25 7.55 <1.0 <1.0 83.5 <0.50 <1.0 <0.50 <1.0 <0.50 <1.0 <0.50 <1.0 <0.50 <1.0 <0.50 181 <1.0 <0.50 1.0 <0.50 1.0 <0.50 1.0 <0.50 1.0 <0.50 1.0 <0.50 1.0 <0.50 1.0 <0.50 1.0 <0.50 1.0 <0.50 1.0 <0.50 1.0 <0.50 1.0 <0.50 1.0 <0.50 1.0 <0.50 1.0 <0.50 1.0 <0.50 1.0 <0.50 1.0 <0.50 1.0 <0.50 1.0 <0.50 1.0 <0.50 1.0 <0.50 1.0 <0.50 1.0 <0.50 1.0 <0.50 1.0 <0.50 1.0 <0.50 1.0 <0.50 1.0 <0.50 1.0 <0.50 1.0 <0.50 1.0 <0.50 1.0 <0.50 1.0 <0.50 1.0 <0.50 1.0 <0.50 1.0 0.50 1.0 0.50 1.0 0.50 1.0 0.50 0.5 | <0.20 <0.10 <25 7.9 <1.0 <1.0 83.4 <0.50 155 <0.20 <0.50 <1.0 <0.50 1.1 <1.0 <0.20 <0.50 <1.0 <0.50 <1.0 <0.50 <1.0 <0.20 <0.20 <0.20 <0.30 <0.40 <1.0 <1.0 | |
| m & p-Xylene o-Xylene F1 (C6 to C10) ORPs (Water) pH Metals (Including Hydrides) (Water) pSecond of the property of the policy o | µg/L µg/L µg/L µg/L µg/L µg/L µg/L µg/L | 0.2 0.2 0.2 25 1.0 1.0 1.0 2.0 0.50 1.0 0.50 1.0 1.0 0.20 2.0 0.50 1.0 1.0 0.20 0.50 1.0 1.0 1.0 0.20 0.50 1.0 1.0 0.50 1.0 1.0 0.50 0.50 1.0 1.0 1.0 0.50 1.0 1.0 0.50 1.0 1.0 0.50 1.0 0.50 0.5 | 1 1 1 125 5 5 5 10 2.5 5 5 2.5 5 5 1 1.5 2.5 2.5 2.5 5 5 1 1.5 2.5 5 5 1 1.5 5 5 5 5 7 7 8 9 1 9 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 | 30% 30% 40% N/A 20% 20% 20% 20% 20% 20% 20% 20% 20% 20 | <pre><0.20 <0.20 <0.10 <25 7.55 <1.0 <1.0 <1.0 83.5 <0.50 <1.0 <0.50 <1.0 <0.50 0.64 2.4 1 <0.20 <0.30 0.78 <0.40 5.1 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <</pre> | <0.20 <0.10 <25 7.9 <1.0 <1.0 83.4 <0.50 155 <0.20 <2.0 <0.50 <1.0 <0.50 <1.0 <0.50 <1.0 <0.50 <1.0 <0.50 <1.0 <0.20 <0.20 <0.20 <0.20 <0.30 <0.40 <5.0 <1.0 <1.0 <1.0 <2.0 <0.20 <0.40 <0.20 <0.50 <1.4 <0.50 <1.4 <0.50 <1.4 <0.50 <0.50 <0.50 <0.20 <0.30 <0.20 <0.30 <0.20 <0.30 | |

Notes:

':' Not Analyzed

'<' : Non Detect

'mbgs' : metres below ground surface

BOLD

Exceeds MECP Alert Criteria





CLIENT NAME: GEMTEC CONSULTING ENGINEERS AND SCIENTISTS
32 STEACIE DRIVE
OTTAWA, ON K2K 2A9
(613) 836-1422

ATTENTION TO: Mohit Bhargav

PROJECT: 100117.056 AGAT WORK ORDER: 24Z176895

SOIL ANALYSIS REVIEWED BY: Nivine Basily, Inorganic Team Lead TRACE ORGANICS REVIEWED BY: Neli Popnikolova, Senior Chemist

DATE REPORTED: Jul 31, 2024

PAGES (INCLUDING COVER): 21 VERSION*: 1

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

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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
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- The test results reported herewith relate only to the samples as received by the laboratory.
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 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 is available on request from AGAT Laboratories, in accordance with ISO/IEC 17025:2017, ISO/IEC 17025:2005 (Quebec), DR-12-PALA and/or NELAP Standards.
- This document is signed by an authorized signatory who meets the requirements of the MELCCFP, CALA, CCN and NELAP.
- For environmental samples in the Province of Quebec: The analysis is performed on and results apply to samples as received. A temperature above 6°C upon receipt, as indicated in the Sample Reception Notification (SRN), could indicate the integrity of the samples has been compromised if the delay between sampling and submission to the laboratory could not be minimized.

AGAT Laboratories (V1)

Page 1 of 21

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SAMPLING SITE: Dunning

CLIENT NAME: GEMTEC CONSULTING ENGINEERS AND SCIENTISTS

Certificate of Analysis

AGAT WORK ORDER: 24Z176895

PROJECT: 100117.056

ATTENTION TO: Mohit Bhargav

SAMPLED BY:CD

O. Reg. 153(511) - All Metals (Soil)

DATE RECEIVED: 2024-07-23 DATE REPORTED: 2024-07-31 SAMPLE DESCRIPTION: BH24-3 SA2 BH24-3 SA4 BH24-3 SA104 BH24-4 SA1 BH24-4 SA5 SAMPLE TYPE: Soil Soil Soil Soil Soil DATE SAMPLED: 2024-07-22 2024-07-22 2024-07-22 2024-07-22 2024-07-22 Unit G/S **RDL** 6024141 6024154 6024163 6024166 6024172 Parameter 8.0 <0.8 <0.8 <0.8 <0.8 <0.8 Antimony μg/g Arsenic 3 3 2 μg/g 255 304 263 289 Barium 2.0 231 μg/g 0.5 0.9 8.0 0.8 0.9 0.8 Beryllium μg/g Boron 5 10 11 13 9 11 μg/g Boron (Hot Water Soluble) 0.10 0.34 0.81 0.17 μg/g 1.05 1.14 Cadmium μg/g 0.5 < 0.5 < 0.5 < 0.5 < 0.5 < 0.5 145 Chromium μg/g 141 147 120 140 Cobalt 0.8 26.0 25.8 25.9 23.0 24.9 μg/g Copper 1.0 55.3 46.6 51.9 39.6 52.0 μg/g Lead μg/g 1 11 9 10 12 9 0.5 0.7 Molybdenum 0.6 8.0 0.5 8.0 μg/g Nickel 79 79 80 67 77 μg/g Selenium 0.8 <0.8 <0.8 <0.8 <0.8 <0.8 μg/g Silver 0.5 < 0.5 < 0.5 < 0.5 < 0.5 < 0.5 μg/g Thallium μg/g 0.5 0.5 0.6 < 0.5 < 0.5 0.5 Uranium μg/g 0.50 1.36 1.70 1.74 1.80 2.02 Vanadium 2.0 110 120 118 91.9 117 μg/g 130 Zinc μg/g 5 123 134 106 130 <0.2 Chromium, Hexavalent μg/g 0.2 < 0.2 < 0.2 < 0.2 <0.2 Mercury μg/g 0.10 < 0.10 < 0.10 < 0.10 < 0.10 < 0.10

RDL - Reported Detection Limit; G / S - Guideline / Standard Comments:

Analysis performed at AGAT Toronto (unless marked by *)

Certified By:



5835 COOPERS AVENUE

MISSISSAUGA, ONTARIO CANADA L4Z 1Y2

http://www.agatlabs.com

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AGAT WORK ORDER: 24Z176895

PROJECT: 100117.056

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CLIENT NAME: GEMTEC CONSULTING ENGINEERS AND SCIENTISTS

SAMPLING SITE:Dunning

ATTENTION TO: Mohit Bhargav

SAMPLED BY:CD

| O. Reg. 153(511) - ORPs (Soil) | | | | | | | | | |
|--------------------------------|--------------------|-----|-----------|------------|------------|------------|------------|----------------------------------|--|
| DATE RECEIVED: 2024-07-23 | | | | | | | | DATE REPORTED: 2024-07-31 | |
| | SAMPLE DESCRIPTION | | | | BH24-3 SA4 | BH24-4 SA1 | BH24-4 SA5 | | |
| | | SAM | PLE TYPE: | Soil | Soil | Soil | Soil | | |
| | DATE SAMPLED: | | | 2024-07-22 | 2024-07-22 | 2024-07-22 | 2024-07-22 | | |
| Parameter | Unit | G/S | RDL | 6024141 | 6024154 | 6024166 | 6024172 | | |
| pH, 2:1 CaCl2 Extraction | pH Units | | NA | 6.71 | 6.88 | 6.78 | 7.71 | | |

Comments: RDL - Reported Detection Limit; G / S - Guideline / Standard

6024141-6024172 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 *)

CHARTERED S NIVINE BASILY O CHEMIST



AGAT WORK ORDER: 24Z176895

PROJECT: 100117.056

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

CLIENT NAME: GEMTEC CONSULTING ENGINEERS AND SCIENTISTS SAMPLING SITE:Dunning

mg/L

mg/L

mg/L

mg/L

mg/L

mg/L

0.020

0.010

0.050

0.10

0.05

0.70

5

10

150

20

1000

< 0.020

< 0.010

< 0.050

0.13

< 0.05

< 0.70

ATTENTION TO: Mohit Bhargav SAMPLED BY:CD

O. Reg. 558 - Metals & Inorganics

| DATE HEOLIVED. 2024-07-2 | • | | | | DATE HEI OHTEB. 2024-07-01 |
|--------------------------|------|-----------|-----------|------------|----------------------------|
| | S | AMPLE DES | CRIPTION: | TCLP-COMP | |
| | | SAM | PLE TYPE: | Soil | |
| | | DATES | SAMPLED: | 2024-07-22 | |
| Parameter | Unit | G/S | RDL | 6024177 | |
| Arsenic Leachate | mg/L | 2.5 | 0.010 | <0.010 | |
| Barium Leachate | mg/L | 100 | 0.020 | 0.149 | |
| Boron Leachate | mg/L | 500 | 0.050 | < 0.050 | |
| Cadmium Leachate | mg/L | 0.5 | 0.010 | < 0.010 | |
| Chromium Leachate | mg/L | 5 | 0.050 | < 0.050 | |
| _ead Leachate | mg/L | 5 | 0.010 | <0.010 | |
| Mercury Leachate | mg/L | 0.1 | 0.01 | <0.01 | |

RDL - Reported Detection Limit; G / S - Guideline / Standard: Refers to O. Reg. 558 - Schedule IV Leachate Quality Criteria 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.

Analysis performed at AGAT Toronto (unless marked by *)

DATE RECEIVED: 2024-07-23

Selenium Leachate

Uranium Leachate

Fluoride Leachate

Cyanide Leachate

(Nitrate + Nitrite) as N Leachate

Silver Leachate

CHEMIST OF CHEMIST OF

DATE REPORTED: 2024-07-31



AGAT WORK ORDER: 24Z176895

PROJECT: 100117.056

Flash Point Analysis

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

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SAMPLING SITE:Dunning

DATE RECEIVED: 2024-07-23

Parameter

ATTENTION TO: Mohit Bhargav SAMPLED BY:CD

| DATE REPORTED: 2024-07-31 |
|---------------------------|

| SAMPLE DESCRIPTION: TCLP-COMP | SAMPLE TYPE: Soil | DATE SAMPLED: 2024-07-22 | Unit | G / S | RDL | 6024177 |

Flash point (Pensky Martin Closed Deg C NA >100

Comments: RDL - Reported Detection Limit; G / S - Guideline / Standard

Analysis performed at AGAT Calgary (unless marked by *)

Certified By:





SAMPLING SITE:Dunning

CLIENT NAME: GEMTEC CONSULTING ENGINEERS AND SCIENTISTS

Certificate of Analysis

AGAT WORK ORDER: 24Z176895

PROJECT: 100117.056

ATTENTION TO: Mohit Bhargav

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

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MISSISSAUGA, ONTARIO

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

DATE RECEIVED: 2024-07-23 DATE REPORTED: 2024-07-31

| DATE RECEIVED: 2024-07-23 | | | | | | | | DATE REPORTED: 2024-07-31 |
|----------------------------|------|--|----------------------------------|----------------------------------|------------------------------------|----------------------------------|----------------------------------|---------------------------|
| | | SAMPLE DESCRIPTION: SAMPLE TYPE: DATE SAMPLED: | BH24-3 SA2 Soil 2024-07-22 | BH24-3 SA4 Soil 2024-07-22 | BH24-3 SA104 Soil 2024-07-22 | BH24-4 SA1 Soil 2024-07-22 | BH24-4 SA5 Soil 2024-07-22 | |
| Parameter | Unit | G/S RDL | 6024141 | 6024154 | 6024163 | 6024166 | 6024172 | |
| Naphthalene | μg/g | 0.05 | <0.05 | <0.05 | < 0.05 | <0.05 | < 0.05 | |
| Acenaphthylene | μg/g | 0.05 | < 0.05 | <0.05 | < 0.05 | < 0.05 | < 0.05 | |
| Acenaphthene | μg/g | 0.05 | < 0.05 | <0.05 | < 0.05 | <0.05 | < 0.05 | |
| Fluorene | μg/g | 0.05 | < 0.05 | < 0.05 | < 0.05 | <0.05 | < 0.05 | |
| Phenanthrene | μg/g | 0.05 | < 0.05 | <0.05 | < 0.05 | < 0.05 | < 0.05 | |
| Anthracene | μg/g | 0.05 | < 0.05 | <0.05 | < 0.05 | < 0.05 | < 0.05 | |
| Fluoranthene | μg/g | 0.05 | < 0.05 | < 0.05 | < 0.05 | < 0.05 | < 0.05 | |
| Pyrene | μg/g | 0.05 | < 0.05 | < 0.05 | < 0.05 | < 0.05 | < 0.05 | |
| Benzo(a)anthracene | μg/g | 0.05 | < 0.05 | < 0.05 | < 0.05 | < 0.05 | < 0.05 | |
| Chrysene | μg/g | 0.05 | < 0.05 | < 0.05 | < 0.05 | < 0.05 | < 0.05 | |
| Benzo(b)fluoranthene | μg/g | 0.05 | < 0.05 | < 0.05 | < 0.05 | < 0.05 | < 0.05 | |
| Benzo(k)fluoranthene | μg/g | 0.05 | < 0.05 | < 0.05 | < 0.05 | < 0.05 | < 0.05 | |
| Benzo(a)pyrene | μg/g | 0.05 | < 0.05 | < 0.05 | < 0.05 | < 0.05 | < 0.05 | |
| Indeno(1,2,3-cd)pyrene | μg/g | 0.05 | < 0.05 | < 0.05 | < 0.05 | < 0.05 | < 0.05 | |
| Dibenz(a,h)anthracene | μg/g | 0.05 | < 0.05 | < 0.05 | < 0.05 | < 0.05 | < 0.05 | |
| Benzo(g,h,i)perylene | μg/g | 0.05 | < 0.05 | < 0.05 | < 0.05 | < 0.05 | < 0.05 | |
| 2-and 1-methyl Naphthalene | μg/g | 0.05 | < 0.05 | < 0.05 | < 0.05 | < 0.05 | < 0.05 | |
| Moisture Content | % | 0.1 | 26.2 | 35.1 | 32.1 | 24.1 | 39.2 | |
| Surrogate | Unit | Acceptable Limits | | | | | | |
| Naphthalene-d8 | % | 50-140 | 70 | 88 | 74 | 77 | 98 | |
| Acridine-d9 | % | 50-140 | 79 | 91 | 70 | 74 | 91 | |
| Terphenyl-d14 | % | 50-140 | 74 | 85 | 85 | 71 | 86 | |

Comments: RDL - Reported Detection Limit; G / S - Guideline / Standard

6024141-6024172 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:

NPoprukolof



CLIENT NAME: GEMTEC CONSULTING ENGINEERS AND SCIENTISTS

Certificate of Analysis

AGAT WORK ORDER: 24Z176895

PROJECT: 100117.056

ATTENTION TO: Mohit Bhargav

SAMPLED BY:CD

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

| | 5. nog. 105(5.1.) 1 925 (501) | | | | | | | | | | | |
|---------------------------|-------------------------------|---------------------|---------|------------|------------|------------|---------------------------|--|--|--|--|--|
| DATE RECEIVED: 2024-07-23 | | | | | | | DATE REPORTED: 2024-07-31 | | | | | |
| | | SAMPLE DESCRIPTION: | | 3H24-4 SA1 | BH24-4 SA5 | BH24-4 SA2 | | | | | | |
| | | SAMPLE T | TYPE: | Soil | Soil | Soil | | | | | | |
| | | DATE SAMP | PLED: 2 | 2024-07-22 | 2024-07-22 | 2024-07-22 | | | | | | |
| Parameter | Unit | G/S RI | DL | 6024166 | 6024172 | 6024176 | | | | | | |
| Polychlorinated Biphenyls | μg/g | 0 |).1 | <0.1 | <0.1 | <0.1 | | | | | | |
| Moisture Content | % | 0 |).1 | 24.1 | 39.2 | 26.1 | | | | | | |
| Surrogate | Unit | Acceptable Lin | nits | | | | | | | | | |
| Decachlorobiphenyl | % | 50-140 | | 80 | 112 | 116 | | | | | | |
| | | | | | | | | | | | | |

Comments: RDL - Reported Detection Limit; G / S - Guideline / Standard

6024166-6024176 Results are based on the dry weight of soil extracted.

PCB total is a calculated parameter. The calculated value is the sum of Aroclor 1242, Aroclor 1248, Aroclor 1254 and Aroclor 1260.

The calculated parameter is non-accredited. The parameters that are components of the calculation are accredited.

Analysis performed at AGAT Toronto (unless marked by *)

SAMPLING SITE:Dunning

Certified By:



5835 COOPERS AVENUE

MISSISSAUGA, ONTARIO CANADA L4Z 1Y2

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SAMPLING SITE:Dunning

CLIENT NAME: GEMTEC CONSULTING ENGINEERS AND SCIENTISTS

Certificate of Analysis

AGAT WORK ORDER: 24Z176895

PROJECT: 100117.056

ATTENTION TO: Mohit Bhargav

SAMPLED BY:CD

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

5835 COOPERS AVENUE

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

| DATE RECEIVED: 2024-07-23 | | | | | | | | DATE REPORTED: 2024-07-31 |
|-----------------------------------|------------|---|----------------------------------|----------------------------------|------------------------------------|----------------------------------|----------------------------------|----------------------------------|
| _ | | AMPLE DESCRIPTION: SAMPLE TYPE: DATE SAMPLED: | BH24-3 SA2 Soil 2024-07-22 | BH24-3 SA4 Soil 2024-07-22 | BH24-3 SA104 Soil 2024-07-22 | BH24-4 SA1 Soil 2024-07-22 | BH24-4 SA5 Soil 2024-07-22 | |
| Parameter | Unit | G/S RDL | 6024141 | 6024154 | 6024163 | 6024166 | 6024172 | |
| Benzene | μg/g | 0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | |
| Toluene | μg/g | 0.05 | < 0.05 | < 0.05 | < 0.05 | < 0.05 | <0.05 | |
| Ethylbenzene | μg/g | 0.05 | < 0.05 | < 0.05 | < 0.05 | < 0.05 | <0.05 | |
| m & p-Xylene | μg/g | 0.05 | < 0.05 | <0.05 | < 0.05 | <0.05 | < 0.05 | |
| o-Xylene | μg/g | 0.05 | < 0.05 | <0.05 | < 0.05 | <0.05 | < 0.05 | |
| Xylenes (Total) | μg/g | 0.05 | < 0.05 | < 0.05 | < 0.05 | < 0.05 | < 0.05 | |
| F1 (C6 to C10) | μg/g | 5 | <5 | <5 | <5 | <5 | <5 | |
| F1 (C6 to C10) minus BTEX | μg/g | 5 | <5 | <5 | <5 | <5 | <5 | |
| F2 (C10 to C16) | μg/g | 10 | <10 | <10 | <10 | <10 | <10 | |
| F2 (C10 to C16) minus Naphthalene | μg/g | 10 | <10 | <10 | <10 | <10 | <10 | |
| F3 (C16 to C34) | μg/g | 50 | <50 | <50 | <50 | <50 | <50 | |
| F3 (C16 to C34) minus PAHs | μg/g | 50 | <50 | <50 | <50 | <50 | <50 | |
| F4 (C34 to C50) | μg/g | 50 | <50 | <50 | <50 | <50 | <50 | |
| Gravimetric Heavy Hydrocarbons | μg/g | 50 | NA | NA | NA | NA | NA | |
| Moisture Content | % | 0.1 | 26.2 | 35.1 | 32.1 | 24.1 | 39.2 | |
| Surrogate | Unit | Acceptable Limits | | | | | | |
| Toluene-d8 | % Recovery | 60-140 | 74 | 76 | 71 | 78 | 78 | |
| Terphenyl | % | 60-140 | 96 | 93 | 69 | 91 | 88 | |

Certified By:





AGAT WORK ORDER: 24Z176895

PROJECT: 100117.056

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

CLIENT NAME: GEMTEC CONSULTING ENGINEERS AND SCIENTISTS

SAMPLING SITE:Dunning

ATTENTION TO: Mohit Bhargav

SAMPLED BY:CD

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

DATE RECEIVED: 2024-07-23 DATE REPORTED: 2024-07-31

Comments: RDL - Reported Detection Limit; G / S - Guideline / Standard

6024141-6024172 Results are based on sample dry weight.

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 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 and PAH contributions.

C>10 - C16 (F2- Naphthalene) is a calculated parameter. The calculated value is F2 - Naphthalene.

C>16 - C34 (F3-PAH) is a calculated parameter. The calculated value is F3-PAH (PAH: sum of Phenanthrene, Benzo(a)anthracene, Benzo(b)fluoranthene, Benzo(k)fluoranthene, Benzo(a)pyrene,

Fluoranthene, Dibenzo(a,h)anthracene, Indeno(1,2,3-c,d)pyrene and Pyrene).

This method complies with the Reference Method for the CWS PHC and is validated for use in the laboratory.

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.

Analysis performed at AGAT Toronto (unless marked by *)

Certified By:

NPoprikolof



AGAT WORK ORDER: 24Z176895

PROJECT: 100117.056

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

5835 COOPERS AVENUE

CLIENT NAME: GEMTEC CONSULTING ENGINEERS AND SCIENTISTS

SAMPLING SITE:Dunning SAMPLED BY:CD

ATTENTION TO: Mohit Bhargav

| | | | O. Reg. 5 | 58 - Benzo(a)pyrene |
|---------------------------|------|---------------|-------------------|-------------------------|
| DATE RECEIVED: 2024-07-23 | | | | DATE REPORTED: 2024-07- |
| | | SAMPLE DESCRI | IPTION: TCLP-COMP | |
| | | SAMPLE | TYPE: Soil | |
| | | DATE SAI | MPLED: 2024-07-22 | |
| Parameter | Unit | G/S | RDL 6024177 | |
| Benzo(a)pyrene Leachate | mg/L | 0.001 | 0.001 <0.001 | |
| Surrogate | Unit | Acceptable I | _imits | |
| Acridine-d9 | % | 50-140 | 90 | |
| Naphthalene-d8 | % | 50-140 | 85 | |
| Terphenyl-d14 | % | 50-140 | 85 | |

Comments: RDL - Reported Detection Limit; G / S - Guideline / Standard: Refers to O. Reg. 558 - Schedule IV Leachate Quality Criteria

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.

6024177 The sample was leached according to Regulation 558 protocol. Analysis was performed on the leachate.

Analysis performed at AGAT Toronto (unless marked by *)

Certified By:





AGAT WORK ORDER: 24Z176895

PROJECT: 100117.056

O Reg 558 - VOCs

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

CLIENT NAME: GEMTEC CONSULTING ENGINEERS AND SCIENTISTS SAMPLING SITE:Dunning

ATTENTION TO: Mohit Bhargav

SAMPLED BY:CD

| Or riogroup | |
|-------------|---------------------------|
| | DATE DEDODTED: 2024 07 21 |

| DATE RECEIVED: 2024-07-23 | | | | | DATE REPORTED: 2024-07-31 |
|-------------------------------|------------|--------------|-----------------|-----------------------|---------------------------|
| | Si | _ | PLE TYPE: | TCLP-COMP Soil | |
| Parameter | Unit | DATE: G/S | SAMPLED: RDL | 2024-07-22 6024177 | |
| Vinyl Chloride Leachate | mg/L | 0.2 | 0.030 | <0.030 | |
| 1,1 Dichloroethene Leachate | mg/L | 1.4 | 0.020 | <0.020 | |
| Dichloromethane Leachate | mg/L | 5.0 | 0.030 | < 0.030 | |
| Methyl Ethyl Ketone Leachate | mg/L | 200 | 0.090 | <0.090 | |
| Chloroform Leachate | mg/L | 10.0 | 0.020 | <0.020 | |
| 1,2-Dichloroethane Leachate | mg/L | 0.5 | 0.020 | <0.020 | |
| Carbon Tetrachloride Leachate | mg/L | 0.5 | 0.020 | <0.020 | |
| Benzene Leachate | mg/L | 0.5 | 0.020 | <0.020 | |
| Trichloroethene Leachate | mg/L | 5.0 | 0.020 | <0.020 | |
| Tetrachloroethene Leachate | mg/L | 3.0 | 0.050 | <0.050 | |
| Chlorobenzene Leachate | mg/L | 8.0 | 0.010 | <0.010 | |
| 1,2-Dichlorobenzene Leachate | mg/L | 20.0 | 0.010 | <0.010 | |
| 1,4-Dichlorobenzene Leachate | mg/L | 0.5 | 0.010 | <0.010 | |
| Surrogate | Unit | Acceptab | le Limits | | |
| Toluene-d8 | % Recovery | 50- | 140 | 88 | |
| 4-Bromofluorobenzene | % Recovery | 50- | 140 | 92 | |

Comments: RDL - Reported Detection Limit; G / S - Guideline / Standard: Refers to O. Reg. 558 - Schedule IV Leachate Quality Criteria

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.

6024177 Sample was prepared using Regulation 558 protocol and a zero headspace extractor.

Analysis performed at AGAT Toronto (unless marked by *)

Certified By:





Quality Assurance

CLIENT NAME: GEMTEC CONSULTING ENGINEERS AND SCIENTISTS AGAT WORK ORDER: 24Z176895

PROJECT: 100117.056 ATTENTION TO: Mohit Bhargav
SAMPLING SITE:Dunning SAMPLED BY:CD

| SAMPLING SITE:Dunning | | | | | | | | SAMP | LED R | T:CD | | | | | |
|---------------------------------|---------|--------|-----------|--------|-------|-----------------|-------------------|--------|-----------------|----------|-------|----------------|----------|--------|-----------------|
| | | | | Soi | l Ana | alysis | S | | | | | | | | |
| RPT Date: Jul 31, 2024 | | | DUPLICATE | | | | REFERE | NCE MA | TERIAL | METHOD | BLANK | SPIKE | МАТ | RIX SP | IKE |
| PARAMETER | Batch | Sample | Dup #1 | Dup #2 | RPD | Method Blank | Measured Value | | eptable mits | Recovery | 1 :- | ptable nits | Recovery | | eptable mits |
| | | Id | | | | | value | Lower | Upper | _ | Lower | Upper | | Lower | Upper |
| O. Reg. 153(511) - All Metals (| Soil) | | | | | | | | | | | | | | |
| Antimony | 6029751 | | <0.8 | <0.8 | NA | < 0.8 | 122% | 70% | 130% | 108% | 80% | 120% | 108% | 70% | 130% |
| Arsenic | 6029751 | | 5 | 5 | 0.0% | < 1 | 118% | 70% | 130% | 109% | 80% | 120% | 107% | 70% | 130% |
| Barium | 6029751 | | 134 | 137 | 2.2% | < 2.0 | 100% | 70% | 130% | 104% | 80% | 120% | 103% | 70% | 130% |
| Beryllium | 6029751 | | 1.2 | 1.2 | NA | < 0.5 | 102% | 70% | 130% | 108% | 80% | 120% | 111% | 70% | 130% |
| Boron | 6029751 | | 8 | 8 | NA | < 5 | 88% | 70% | 130% | 106% | 80% | 120% | 87% | 70% | 130% |
| Boron (Hot Water Soluble) | 6033591 | | 0.50 | 0.47 | NA | < 0.10 | 122% | 60% | 140% | 106% | 70% | 130% | 110% | 60% | 140% |
| Cadmium | 6029751 | | <0.5 | <0.5 | NA | < 0.5 | 117% | 70% | 130% | 105% | 80% | 120% | 107% | 70% | 130% |
| Chromium | 6029751 | | 32 | 32 | 0.0% | < 5 | 104% | 70% | 130% | 104% | 80% | 120% | 101% | 70% | 130% |
| Cobalt | 6029751 | | 15.6 | 16.1 | 3.2% | < 0.8 | 104% | 70% | 130% | 101% | 80% | 120% | 101% | 70% | 130% |
| Copper | 6029751 | | 18.8 | 19.1 | 1.6% | < 1.0 | 96% | 70% | 130% | 104% | 80% | 120% | 100% | 70% | 130% |
| Lead | 6029751 | | 18 | 18 | 0.0% | < 1 | 123% | 70% | 130% | 97% | 80% | 120% | 103% | 70% | 130% |
| Molybdenum | 6029751 | | 8.0 | 0.9 | NA | < 0.5 | 112% | 70% | 130% | 105% | 80% | 120% | 103% | 70% | 130% |
| Nickel | 6029751 | | 27 | 28 | 3.6% | < 1 | 108% | 70% | 130% | 106% | 80% | 120% | 102% | 70% | 130% |
| Selenium | 6029751 | | 0.8 | <0.8 | NA | < 0.8 | 124% | 70% | 130% | 100% | 80% | 120% | 91% | 70% | 130% |
| Silver | 6029751 | | <0.5 | <0.5 | NA | < 0.5 | 105% | 70% | 130% | 106% | 80% | 120% | 103% | 70% | 130% |
| Thallium | 6029751 | | <0.5 | <0.5 | NA | < 0.5 | 117% | 70% | 130% | 106% | 80% | 120% | 116% | 70% | 130% |
| Uranium | 6029751 | | 0.93 | 0.91 | NA | < 0.50 | 123% | 70% | 130% | 104% | 80% | 120% | 119% | 70% | 130% |
| Vanadium | 6029751 | | 48.2 | 49.5 | 2.7% | < 2.0 | 116% | 70% | 130% | 108% | 80% | 120% | 112% | 70% | 130% |
| Zinc | 6029751 | | 90 | 94 | 4.3% | < 5 | 107% | 70% | 130% | 109% | 80% | 120% | 114% | 70% | 130% |
| Chromium, Hexavalent | 6025019 | | <0.2 | <0.2 | NA | < 0.2 | 106% | 70% | 130% | 98% | 80% | 120% | 88% | 70% | 130% |
| | | | | | | | | | | | | | | | |

Comments: NA signifies Not Applicable.

Duplicate NA: results are under 5X the RDL and will not be calculated.

6029751

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

Mercury

pH, 2:1 CaCl2 Extraction 6024141 6024141 6.71 6.70 0.2% NA 101% 80% 120%

< 0.10

< 0.10

NA

< 0.10

116%

70% 130%

97%

80% 120%

113%

Comments: NA signifies Not Applicable.

pH duplicates QA acceptance criteria was met relative as stated in Table 5-15 of Analytical Protocol document.

O. Reg. 558 - Metals & Inorganics

| Arsenic Leachate | 6023492 | < 0.010 | < 0.010 | NA | < 0.010 | 103% | 70% | 130% | 118% | 80% | 120% | 120% | 70% | 130% |
|-------------------|---------|---------|---------|------|---------|------|-----|------|------|-----|------|------|-----|------|
| Barium Leachate | 6023492 | 0.416 | 0.390 | 6.5% | < 0.020 | 98% | 70% | 130% | 99% | 80% | 120% | 99% | 70% | 130% |
| Boron Leachate | 6023492 | < 0.050 | < 0.050 | NA | < 0.050 | 97% | 70% | 130% | 98% | 80% | 120% | 97% | 70% | 130% |
| Cadmium Leachate | 6023492 | < 0.010 | < 0.010 | NA | < 0.010 | 99% | 70% | 130% | 110% | 80% | 120% | 110% | 70% | 130% |
| Chromium Leachate | 6023492 | < 0.050 | < 0.050 | NA | < 0.050 | 99% | 70% | 130% | 100% | 80% | 120% | 94% | 70% | 130% |
| Lead Leachate | 6023492 | 0.015 | 0.014 | NA | < 0.010 | 94% | 70% | 130% | 96% | 80% | 120% | 94% | 70% | 130% |
| Mercury Leachate | 6023492 | < 0.01 | < 0.01 | NA | < 0.01 | 101% | 70% | 130% | 106% | 80% | 120% | 90% | 70% | 130% |
| Selenium Leachate | 6023492 | < 0.020 | < 0.020 | NA | < 0.020 | 99% | 70% | 130% | 120% | 80% | 120% | 122% | 70% | 130% |
| Silver Leachate | 6023492 | < 0.010 | < 0.010 | NA | < 0.010 | 99% | 70% | 130% | 107% | 80% | 120% | 102% | 70% | 130% |
| | | | | | | | | | | | | | | |

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70% 130%

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AGAT WORK ORDER: 24Z176895

Quality Assurance

CLIENT NAME: GEMTEC CONSULTING ENGINEERS AND SCIENTISTS

PROJECT: 100117.056 **ATTENTION TO: Mohit Bhargav**

SAMPLING SITE: Dunning SAMPLED BY:CD

| Soil Analysis (Continued) | | | | | | | | | | | | | | | |
|-----------------------------------|---------|--------|-----------|--------|-----|-----------------|--------------------|-------|----------------|----------|-------|----------------|--------------|-------|----------------|
| RPT Date: Jul 31, 2024 | | | DUPLICATE | | | | REFERENCE MATERIAL | | | METHOD | BLANK | SPIKE | MATRIX SPIKE | | |
| PARAMETER | Batch | Sample | Dup #1 | Dup #2 | RPD | Method Blank | Measured | | ptable nits | Recovery | Lie | ptable nits | Recovery | Lie | ptable nits |
| TAILAINE TEIT | | ld | | | | | Value | Lower | Upper |] | Lower | Upper | | Lower | Upper |
| Uranium Leachate | 6023492 | | <0.050 | <0.050 | NA | < 0.050 | 94% | 70% | 130% | 100% | 80% | 120% | 98% | 70% | 130% |
| Fluoride Leachate | 6023492 | | 0.24 | 0.24 | NA | < 0.10 | 107% | 90% | 110% | 109% | 90% | 110% | 109% | 70% | 130% |
| Cyanide Leachate | 6023492 | | < 0.05 | < 0.05 | NA | < 0.05 | 107% | 70% | 130% | 103% | 80% | 120% | 94% | 70% | 130% |
| (Nitrate + Nitrite) as N Leachate | 6023492 | | < 0.70 | < 0.70 | NA | < 0.70 | 102% | 80% | 120% | 106% | 80% | 120% | 104% | 70% | 130% |

Comments: NA signifies Not Applicable.

Duplicate NA: results are under 5X the RDL and will not be calculated.

Quality Assurance

CLIENT NAME: GEMTEC CONSULTING ENGINEERS AND SCIENTISTS

AGAT WORK ORDER: 24Z176895

PROJECT: 100117.056

ATTENTION TO: Mohit Bhargav

SAMPLING SITE:Dunning SAMPLED BY:CD

| SAMPLING SITE:Dunning | | | | | | | | SAMP | LED B | Y:CD | | | | | |
|---------------------------------|-------------|--------|-----------|---------|-----|-----------------|----------|----------------------|--------|------------|----------------------|-------|--------------|--------|----------------|
| Trace Organics Analysis | | | | | | | | | | | | | | | |
| RPT Date: Jul 31, 2024 | | | DUPLICATE | | | | REFERE | NCE MA | TERIAL | METHOD | BLANK | SPIKE | MATRIX SPIKE | | IKE |
| PARAMETER | Batch | Sample | Dup #1 | Dup #2 | RPD | Method Blank | Measured | Acceptable Limits | | Recovery | Acceptable Limits | | Recovery | 1 1 10 | ptable nits |
| TANAMETER | Daton | ld | Dup #1 | Dup #2 | 5 | | Value | Lower | Upper | , necovery | | Upper | ricoovery | Lower | Uppe |
| O. Reg. 153(511) - PHCs F1 - F4 | (with PAHs) | (Soil) | • | | | | | • | • | • | | | | | • |
| Benzene | 6024351 | | < 0.02 | < 0.02 | NA | < 0.02 | 91% | 60% | 140% | 80% | 60% | 140% | 97% | 60% | 140% |
| Toluene | 6024351 | | < 0.05 | < 0.05 | NA | < 0.05 | 114% | 60% | 140% | 109% | 60% | 140% | 82% | 60% | 140% |
| Ethylbenzene | 6024351 | | < 0.05 | < 0.05 | NA | < 0.05 | 98% | 60% | 140% | 104% | 60% | 140% | 81% | 60% | 140% |
| m & p-Xylene | 6024351 | | <0.05 | < 0.05 | NA | < 0.05 | 110% | 60% | 140% | 115% | 60% | 140% | 88% | 60% | 140% |
| o-Xylene | 6024351 | | <0.05 | < 0.05 | NA | < 0.05 | 115% | 60% | 140% | 118% | 60% | 140% | 89% | 60% | 140% |
| F1 (C6 to C10) | 6024351 | | <5 | <5 | NA | < 5 | 97% | 60% | 140% | 87% | 60% | 140% | 82% | 60% | 140% |
| F2 (C10 to C16) | 6032577 | | < 10 | < 10 | NA | < 10 | 111% | 60% | 140% | 111% | 60% | 140% | 119% | 60% | 140% |
| F3 (C16 to C34) | 6032577 | | < 50 | < 50 | NA | < 50 | 109% | 60% | 140% | 123% | 60% | 140% | 126% | 60% | 140% |
| F4 (C34 to C50) | 6032577 | | < 50 | < 50 | NA | < 50 | 72% | 60% | 140% | 92% | 60% | 140% | 82% | 60% | 140% |
| O. Reg. 153(511) - PAHs (Soil) | | | | | | | | | | | | | | | |
| Naphthalene | 6032463 | | < 0.05 | < 0.05 | NA | < 0.05 | 82% | 50% | 140% | 107% | 50% | 140% | 88% | 50% | 140% |
| Acenaphthylene | 6032463 | | < 0.05 | < 0.05 | NA | < 0.05 | 83% | 50% | 140% | 124% | | 140% | 81% | 50% | 140% |
| Acenaphthene | 6032463 | | < 0.05 | < 0.05 | NA | < 0.05 | 86% | 50% | 140% | 93% | 50% | 140% | 83% | 50% | 140% |
| Fluorene | 6032463 | | < 0.05 | < 0.05 | NA | < 0.05 | 90% | 50% | 140% | 86% | 50% | 140% | 80% | 50% | 140% |
| Phenanthrene | 6032463 | | < 0.05 | < 0.05 | NA | < 0.05 | 86% | 50% | | 78% | 50% | 140% | 74% | 50% | 140% |
| Anthracene | 6032463 | | < 0.05 | < 0.05 | NA | < 0.05 | 69% | 50% | 140% | 82% | 50% | 140% | 78% | 50% | 140% |
| Fluoranthene | 6032463 | | < 0.05 | < 0.05 | NA | < 0.05 | 87% | 50% | 140% | 83% | | 140% | 85% | 50% | 140% |
| Pyrene | 6032463 | | < 0.05 | < 0.05 | NA | < 0.05 | 87% | 50% | | 81% | | 140% | 83% | 50% | |
| Benzo(a)anthracene | 6032463 | | < 0.05 | < 0.05 | NA | < 0.05 | 90% | 50% | 140% | 85% | 50% | 140% | 73% | 50% | 140% |
| Chrysene | 6032463 | | < 0.05 | < 0.05 | NA | < 0.05 | 97% | 50% | 140% | 104% | 50% | 140% | 105% | 50% | 140% |
| Benzo(b)fluoranthene | 6032463 | | < 0.05 | < 0.05 | NA | < 0.05 | 86% | 50% | 140% | 84% | 50% | 140% | 80% | 50% | 140% |
| Benzo(k)fluoranthene | 6032463 | | < 0.05 | < 0.05 | NA | < 0.05 | 81% | 50% | 140% | 93% | 50% | 140% | 88% | 50% | 140% |
| Benzo(a)pyrene | 6032463 | | < 0.05 | < 0.05 | NA | < 0.05 | 89% | 50% | 140% | 83% | 50% | 140% | 77% | 50% | |
| Indeno(1,2,3-cd)pyrene | 6032463 | | < 0.05 | < 0.05 | NA | < 0.05 | 81% | 50% | 140% | 69% | 50% | 140% | 65% | 50% | 140% |
| Dibenz(a,h)anthracene | 6032463 | | < 0.05 | < 0.05 | NA | < 0.05 | 76% | | 140% | 66% | | 140% | 84% | 50% | 140% |
| Benzo(g,h,i)perylene | 6032463 | | < 0.05 | < 0.05 | NA | < 0.05 | 77% | 50% | 140% | 71% | 50% | 140% | 71% | 50% | 140% |
| O. Reg. 153(511) - PCBs (Soil) | | | | | | | | | | | | | | | |
| Polychlorinated Biphenyls | 6026654 | | < 0.1 | < 0.1 | NA | < 0.1 | 103% | 50% | 140% | 91% | 50% | 140% | 89% | 50% | 140% |
| O. Reg. 558 - VOCs | | | | | | | | | | | | | | | |
| Vinyl Chloride Leachate | 5977473 | | < 0.030 | < 0.030 | NA | < 0.030 | 94% | 50% | 140% | 69% | 50% | 140% | 77% | 50% | 140% |
| 1,1 Dichloroethene Leachate | 5977473 | | <0.020 | <0.020 | NA | < 0.020 | 64% | | 140% | 100% | | 130% | 80% | | 140% |
| Dichloromethane Leachate | 5977473 | | < 0.030 | < 0.030 | NA | < 0.030 | 76% | 50% | 140% | 111% | 60% | 130% | 114% | | 140% |
| Methyl Ethyl Ketone Leachate | 5977473 | | <0.090 | < 0.090 | NA | < 0.090 | 106% | | 140% | 106% | | 140% | 98% | 50% | 140% |
| Chloroform Leachate | 5977473 | | <0.020 | <0.020 | NA | < 0.020 | 96% | | 140% | 120% | | 130% | 54% | | 140% |
| 1,2-Dichloroethane Leachate | 5977473 | | <0.020 | <0.020 | NA | < 0.020 | 72% | 50% | 140% | 97% | 60% | 130% | 97% | 50% | 140% |
| Carbon Tetrachloride Leachate | 5977473 | | <0.020 | <0.020 | NA | < 0.020 | 89% | | 140% | 106% | | 130% | 105% | | 140% |
| Benzene Leachate | 5977473 | | <0.020 | <0.020 | NA | < 0.020 | 73% | | 140% | 102% | | 130% | 103% | | 140% |
| Trichloroethene Leachate | 5977473 | | <0.020 | <0.020 | NA | < 0.020 | 72% | | 140% | | | 130% | 98% | | 140% |

AGAT QUALITY ASSURANCE REPORT (V1)

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ATTENTION TO: Mohit Bhargav

Quality Assurance

CLIENT NAME: GEMTEC CONSULTING ENGINEERS AND SCIENTISTS AGAT WORK ORDER: 24Z176895

SAMPLING SITE:Dunning SAMPLED BY:CD

| SAMPLING SITE. Dulling | | | | | | | • | PHINIP | LED B | 1.00 | | | | | | | |
|--|--------------------|---------|-----------|---------|-----|-----------------|--------------------|----------------------|-------|----------|----------------------|-------|-------------|-----|----------|-----------|----------------|
| Trace Organics Analysis (Continued) | | | | | | | | | | | | | | | | | |
| RPT Date: Jul 31, 2024 | | | DUPLICATE | | | | REFERENCE MATERIAL | | | METHOD | BLANK | SPIKE | MATRIX SPIK | | KE | | |
| PARAMETER | Batch | Sample | Dup #1 | Dup #2 | RPD | Method Blank | Measured | Acceptable Limits | | Recovery | Acceptable Limits | | Limite | | Recovery | 1 1 1 1 1 | ptable nits |
| | Id Sup#1 Sup#2 NFS | Value | Lower | Upper |] | Lower | Lower Upper | , | 1 | Upper | | | | | | | |
| Tetrachloroethene Leachate | 5977473 | | <0.050 | <0.050 | NA | < 0.050 | 67% | 50% | 140% | 119% | 60% | 130% | 98% | 50% | 140% | | |
| Chlorobenzene Leachate | 5977473 | | <0.010 | < 0.010 | NA | < 0.010 | 78% | 50% | 140% | 106% | 60% | 130% | 105% | 50% | 140% | | |
| 1,2-Dichlorobenzene Leachate | 5977473 | | < 0.010 | < 0.010 | NA | < 0.010 | 82% | 50% | 140% | 95% | 60% | 130% | 108% | 50% | 140% | | |
| 1,4-Dichlorobenzene Leachate | 5977473 | | <0.010 | <0.010 | NA | < 0.010 | 79% | 50% | 140% | 100% | 60% | 130% | 108% | 50% | 140% | | |
| Flash Point Analysis Flash Point (Deg C) (Cgy) | 4108 | Butanol | 35 | 35 | NA | | 100% | 80% | 120% | | | | | | | | |

Comments: Duplicate NA: results are less than 5X the RDL and RDP will not be calculated.

The sample spikes and dups are not from the same sample ID.

PROJECT: 100117.056

Certified By:



Method Summary

CLIENT NAME: GEMTEC CONSULTING ENGINEERS AND SCIENTISTS

AGAT WORK ORDER: 24Z176895

PROJECT: 100117.056

ATTENTION TO: Mohit Bhargav

SAMPLING SITE:Dunning SAMPLED BY:CD

| SAMPLING SITE:Dunning | T | SAMPLED BY:CD | T | | | | | |
|---------------------------|--------------|--|----------------------|--|--|--|--|--|
| 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 | | | | | |
| Mercury | MET-93-6103 | modified from EPA 7471B and SM 3112 B | ICP-MS | | | | | |
| pH, 2:1 CaCl2 Extraction | INOR-93-6075 | modified from EPA 9045D, MCKEAGUE 3.11 E3137 | PC TITRATE | | | | | |
| Arsenic Leachate | MET-93-6103 | EPA 1311 & modified from EPA 6020E | BICP-MS | | | | | |
| Barium Leachate | MET-93-6103 | EPA 1311 & modified from EPA 6020E | BICP-MS | | | | | |
| Boron Leachate | MET-93-6103 | EPA 1311 & modified from EPA 6020E | BICP-MS | | | | | |
| Cadmium Leachate | MET-93-6103 | EPA 1311 & modified from EPA 6020E | BICP-MS | | | | | |
| Chromium Leachate | MET-93-6103 | EPA 1311 & modified from EPA 6020E | BICP-MS | | | | | |
| Lead Leachate | MET-93-6103 | EPA 1311 & modified from EPA 6020E | BICP-MS | | | | | |
| Mercury Leachate | MET-93-6103 | EPA 1311 & modified from EPA 6020E | BICP-MS | | | | | |
| Selenium Leachate | MET-93-6103 | EPA 1311 & modified from EPA 6020E | BICP-MS | | | | | |
| Silver Leachate | MET-93-6103 | EPA 1311 & modified from EPA 6020E | BICP-MS | | | | | |
| Uranium Leachate | MET-93-6103 | EPA 1311 & modified from EPA 6020E | B ICP-MS | | | | | |



Method Summary

CLIENT NAME: GEMTEC CONSULTING ENGINEERS AND SCIENTISTS

AGAT WORK ORDER: 24Z176895 PROJECT: 100117.056 **ATTENTION TO: Mohit Bhargav**

SAMPLING SITE:Dunning SAMPLED BY:CD

| PARAMETER | AGAT S.O.P | LITERATURE REFERENCE | ANALYTICAL TECHNIQUE |
|-----------------------------------|--------------|--|-------------------------|
| Fluoride Leachate | INOR-93-6000 | EPA SW 846-1311; SM 4500F-C | ION SELECTIVE ELECTRODE |
| Cyanide Leachate | INOR-93-6052 | EPA 1311 modified from MOE 3015 SM 4500 CN-I,G387 | SEGMENTED FLOW ANALYSIS |
| (Nitrate + Nitrite) as N Leachate | INOR-93-6053 | EPA SW 846-1311 & modified from SM 4500 - NO3- I | LACHAT FIA |

Method Summary

CLIENT NAME: GEMTEC CONSULTING ENGINEERS AND SCIENTISTS

AGAT WORK ORDER: 24Z176895

PROJECT: 100117.056

ATTENTION TO: Mohit Bhargav

SAMPLING SITE:Dunning SAMPLED BY:CD

| SAMPLING SITE:Dunning | | SAMPLED BY:CL | Г | | | |
|--|--|---------------------------------------|---|--|--|--|
| PARAMETER | AGAT S.O.P | LITERATURE REFERENCE | ANALYTICAL TECHNIQUE | | | |
| Trace Organics Analysis | | | | | | |
| Flash point (Pensky Martin Closed Cup) | TO 2210 | ASTM D93 | Pensky Martin Closed Cup | | | |
| 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 | | | |
| Benzo(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 | | | |
| Moisture Content | VOL-91-5009 | modified from CCME Tier 1 Method | BALANCE | | | |
| Polychlorinated Biphenyls | ORG-91-5113 | modified from EPA SW-846 3570 & 8082A | GC/ECD | | | |
| Decachlorobiphenyl | ORG-91-5113 | modified from EPA SW-846 3541 & 8082A | GC/ECD | | | |
| Benzene | VOL-91-5009 | modified from CCME Tier 1 Method | (P&T)GC/MS | | | |
| Toluene | VOL-91-5009 | modified from CCME Tier 1 Method | (P&T)GC/MS | | | |
| Ethylbenzene | VOL-91-5009 | modified from CCME Tier 1 Method | (P&T)GC/MS | | | |
| m & p-Xylene | VOL-91-5009 | modified from CCME Tier 1 Method | (P&T)GC/MS | | | |
| • • | VOL-91-5009 | modified from CCME Tier 1 Method | (P&T)GC/MS | | | |
| - | | modified from CCME Tier 1 Method | | | | |
| | | modified from CCME Tier 1 Method | | | | |
| | | | | | | |
| o-Xylene Xylenes (Total) F1 (C6 to C10) F1 (C6 to C10) minus BTEX | VOL-91-5009 VOL-91-5009 VOL-91-5009 VOL-91-5009 | modified from CCME Tier 1 Method | (P&T)GC/MS (P&T)GC/MS (P&T)GC/FID P&T GC/FID | | | |

Method Summary

CLIENT NAME: GEMTEC CONSULTING ENGINEERS AND SCIENTISTS

AGAT WORK ORDER: 24Z176895

PROJECT: 100117.056

ATTENTION TO: Mohit Bhargav

SAMPLING SITE:Dunning SAMPLED BY:CD

| SAMPLING SITE:Dunning | | SAMPLED BY:CD | |
|-----------------------------------|--------------|--|----------------------|
| PARAMETER | AGAT S.O.P | LITERATURE REFERENCE | ANALYTICAL TECHNIQUE |
| Toluene-d8 | VOL-91-5009 | modified from EPA SW-846 5030C & 8260D | (P&T)GC/MS |
| F2 (C10 to C16) | VOL-91-5009 | modified from CCME Tier 1 Method | GC/FID |
| F2 (C10 to C16) minus Naphthalene | 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 |
| F3 (C16 to C34) minus PAHs | 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 |
| Benzo(a)pyrene Leachate | ORG-91-5105 | modified from EPA 3510C and EPA 8270E | GC/MS |
| Acridine-d9 | ORG-91-5105 | modified from EPA 3510C and EPA 8270E | GC/MS |
| Naphthalene-d8 | ORG-91-5105 | modified from EPA 3510C and EPA 8270E | GC/MS |
| Terphenyl-d14 | ORG-91-5105 | modified from EPA 3510C and EPA 8270E | GC/MS |
| Vinyl Chloride Leachate | VOL-91-5001 | EPA 1311, modified from EPA 5030C & EPA 8260D | (P&T)GC/MS |
| 1,1 Dichloroethene Leachate | VOL-91-5001 | EPA 1311, modified from EPA 5030C & EPA 8260D | (P&T)GC/MS |
| Dichloromethane Leachate | VOL-91-5001 | EPA 1311, modified from EPA 5030C & EPA 8260D | (P&T)GC/MS |
| Methyl Ethyl Ketone Leachate | VOL-91-5001 | EPA 1311, modified from EPA 5030C & EPA 8260D | (P&T)GC/MS |
| Chloroform Leachate | VOL-91-5001 | EPA 1311, modified from EPA 5030C & EPA 8260D | (P&T)GC/MS |
| 1,2-Dichloroethane Leachate | VOL-91-5001 | EPA 1311, modified from EPA 5030C & EPA 8260D | (P&T)GC/MS |
| Carbon Tetrachloride Leachate | VOL-91-5001 | EPA 1311, modified from EPA 5030C & EPA 8260D | (P&T)GC/MS |
| Benzene Leachate | VOL-91-5001 | EPA 1311, modified from EPA 5030C & EPA 8260D | (P&T)GC/MS |
| Trichloroethene Leachate | VOL-91-5001 | EPA 1311, modified from EPA 5030C & EPA 8260D | (P&T)GC/MS |
| Tetrachloroethene Leachate | VOL-91-5001 | EPA 1311, modified from EPA 5030C & EPA 8260D | (P&T)GC/MS |
| Chlorobenzene Leachate | VOL-91-5001 | EPA 1311, modified from EPA 5030C & EPA 8260D | (P&T)GC/MS |
| 1,2-Dichlorobenzene Leachate | VOL-91-5001 | EPA 1311, modified from EPA 5030C & EPA 8260D | (P&T)GC/MS |
| 1,4-Dichlorobenzene Leachate | VOL-91-5001 | EPA 1311, modified from EPA 5030C & EPA 8260D | (P&T)GC/MS |
| Toluene-d8 | 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 |



Chain of Custody Record

Invoice Information:

BH 24-4 SAI BHZ4-4 SAC

BH24-4 SA2

Have feedback? Scan here for a quick survey!



Sample Matrix Legend

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

Sanitary Storm

Objectives (PWQO)

Indicate One

O. Reg 153

THWSB

E G

Metals,

☐ No

Laboratory Use Only

3 Business

Days

Notes:

| | 20.10 | 7 17 | 100 | OD | D |
|---------------|-------|------------------|-----|-----|---|
| Work Order #: | 24- | _ 1~† | 10 | 0 7 | 0 |

| Cooler Quantity: | Ne-1C | e Doc | US- |
|-----------------------|-------|-------|------|
| Arrival Temperatures: | 8.2 | 7.0 | 6.9 |
| Depot Temperatures: | 15.5 | 115.3 | lis5 |
| Custody Seal Intact: | Yes | □No | □N/A |

Next Business

Day

5 to 7 Business Days

| Turnaround | Time (TAT) Required: |
|-------------|----------------------|
| Regular TAT | 5 to 7 Rusiness Day |

| Rush TAT (Rush Surcharges Apply) | | | | | | | | |
|----------------------------------|------------|------------|--|--|--|--|--|--|
| _ | 3 Business | 2 Business | | | | | | |

| OR Date Required (Rush Surcharges May Apply): |
|--|
| Please provide prior notification for rush TAT |

Days

| ľ | | | | | weekends and statutory holida , please contact your AGAT C | |
|---------------------------------|-----------------|--|---|---------------------------|---|---------------------------------------|
| | O. Reg | 406 | O. Reg | | | Î |
| in 406 Characterization Package | Is, BTEX, F1-F4 | n 406 SPLP Rainwater Leach 3 Metals □ VOCs □ SVOCs □ OC | isposal Characterization TCLP: I&I □VOCs □ABNs □B(a)P□PCBs | ty: ☐ Moisture ☐ Sulphide | | Hazardous or High Concentration (Y/N) |

If this is a Drinking Water sample, please use Drinking Water Chain of Custody Form (potable water consumed by humans) Report Information: **Regulatory Requirements:** GEMTEC Company: RHARGIAV Contact: Regulation 153/04 Sewer Use Regulation 406 BRIVE Address: Table _______Indicate One ☐ Ind/Com ☐ Ind/Com Res/Park Res/Park Prov. Water Quality Phone: Agriculture Agriculture Reports to be sent to: Soil Texture (Check One) Regulation 558 1. Email: Other □ Coarse CCME 2. Email: Fine Is this submission for a Record **Project Information:** Report Guideline on of Site Condition (RSC)? Certificate of Analysis 100117,056 Project: □ No Site Location: Dunning □ Yes ☐ Yes Sampled By: CrVI, DOC AGAT Quote #: PO: Legal Sample Please note: If quotation number is not provided, client will be billed full price for analysis.

Bill To Same: Yes ☐ No ☐

| Company: Contact: Address: Email: | | | | | | Ground Water Oil Paint Soil | SD SW R | Sediment Surface Water Rock/Shale |
|-----------------------------------|-----------------|-----------------|--------------------|------|--|--------------------------------------|---------------|---|
| Sample Identification | Date Sampled | Time Sampled | # of Containers | Samp | | | omme | ents/ tructions |
| 1. BH24-3 3AZ | 22 34424 | AM AM PM | 3 | Sa | | 1x250 ml; | 1x120 | mel; havia |
| 2. BH24-3 SAY | | AM PM | 4 | i | | TANKAR S | زيره | 2×12011/ 1x |
| PHOUS CAIN | | AM | 1 | | | | , 0 | |

| | 3011 | Field Fi | & thor | Z | F1-F4 F | | | roclors | ion 406 als, BT | ~ | on 406 | Dispos: | vity: | - 10 | | | Ilv Hazar |
|----------|-----------------------------------|----------|--------|---------------|---------|--------|------|----------------|---------------------------|---------|---------------------------------|-----------------------------------|--------------|------|--|------|-----------|
| le ix | Comments/ Special Instructions | Y/N | Metals | Metals - Öncr | BTEX, F | VOC | PAHs | PCBs: Aroclors | Regulation of the Metals. | EC, SAR | Regulation 406 mSPLP: ☐ Meta | Landfill Dispos: TCLP: □ M&I □ | Corrosivity: | HA | | | Potentia |
| L | 1x250ml; 1x120ml; 1x vial | | | / | 1 | -14 | 1 | | 18 | | | | | / | | | |
| | (XAGAT Boy) 2x 120 ml; 1x vi | 1 | F/h/ | / | 1 | 1.1 | - | | | | | | | / | | ru j | |
| | " | | | / | / |)+ | 1 | | 14 | | 91 | | | | | | |
| | 1x 250ml; 1x120ml; 1xvia | | | / | 1 | | 1 | / | 134 | | | | | 1 | | | |
| | MAGIAT By; 27120 ml; IX VIA | | | 1 | 1 | Part I | / | / | | | 12 | | | 1 | | | |
| | IMAGIAT By; 27120 ml; IX VIN | | | | | | | 1 | | | | | | | | | |
| | | | 1 | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | П | | | | | | |
| | | | | | | | | | | | | | | | | | |

| 10. | |
|------------|--------------------------------------|
| 11. | Λ |
| Samples Ro | linquin and E) (Print Name and Sign) |
| Samples Ro | inquisted by Erint Name and Sign): |
| | |

| PMI | | |
|-----------|------------|---|
| 3 July 24 | Time 11 am | Samples Received By (Print Name and Sign) |
| 1/23/24 | Time SOO | Samples Received By (Print Name and Sign) |
| | Time | Samples Received by (Print Name and Sign |

| Les | | | Lee | | | | | |
|-----|------|-----|--------|-----|-----|-----------------|-----|------|
| Dat | . , | 7 | Time | _ | | | | |
| O | +/22 | 124 | 1134 | 10 | | | | |
| Dat | 1 | 1 | Time . | 11- | | Pago | 1 | of |
| 1 | 7 | 24 | 0: | 401 | 1 | Page _ | | _ 01 |
| Dat | 0 | | Time | | Nº: | Γ ₋₁ | 5 | O |
| | | | | | | | .) | - 1 |

4.

5. 6.

7. 8. 9



5835 Coopers Avenue Mississauga, Ontario L4Z 1Y2 Ph: 905.712.5100 Fax: 905,712.5122 webearth.agatlabs.com

| Laboratory Use Only | | | | | | | | | | |
|-----------------------|-------|------------------|------|--|--|--|--|--|--|--|
| Work Order #: 24 | 717 | 689 | 45 | | | | | | | |
| Cooler Quantity: | 0-100 | DOCK | D . | | | | | | | |
| Arrival Temperatures: | 15.5 | 15.3 | 15.5 | | | | | | | |
| | 80. 2 | 1.0 | 6.9 | | | | | | | |
| Custody Seal Intact: | □Yes | □No | □N/A | | | | | | | |
| Notes; | 131 | $\mathcal{I}_{}$ | | | | | | | | |

| Chain of Custody Record | If this is a Drinking Water sample, please use Drinking Water Chain of Custody Form (potable water consumed by humans) |
|---------------------------|---|
| onani di dastaa, itadoi a | If due to a printain product outsided broads and printain product and the state of |

| Chain of C | ustody Record | If this is a | Drinking Water s | ample, pleas | e use Drink | ing Water Chain o | Custody Form (po | table water | consum | ed by | humans |) | | _, | AIIIV | ar ioni | iperatu | 103. | 8 | 2 | 7 | 0 | 6 | 9 |
|--------------------------------------|--|--------------------------|----------------------------|--------------------|------------------|--|------------------------|-------------|---------------------|------------------------|--|----------|--------|---------------|--|---|---|---------------|---------------------------------------|------------------|----------|-----------------|-----------------|---|
| Report Information: Company: GEMTEC | | | | | | (Wassa shook off smillerble bayes) | | | | | | | Cust | - | eal Inta | ct: | □Ye | 3, | \mathcal{I}^{\square} |]No | | □N/A | | |
| Contact: | Mohit Bhargav | | | | | gulation 153/04 | Excess Solls | R406 | Se | | | C++ | | ١ř | _ | | | 1 | /TA' | | | 4. | | - |
| Address: | 32 Steacie Drive Ottawa Ont | ario K2K 2A9 | | | Tat | nte Indicate One | | | Sanitary Storm | | | П | lurn | arol | ına ı | ıme | (IAI) | T) Red | Juire | a: | | | | |
| | | | | | . 11 - 11 | ina/com | Table Indicate | One | - | Reg | ion | | | Ш | Regu | ılar T | AT | | | 5 to 7 B | usiness | Days | | |
| Phonos | 5068970427 | Fax: | | | | Res/Park Agriculture | Regulation 5 | 558 | | | ter Qua | | | Ш | Rush | TAT | (Rush Su | charge | a Apply) | | | | | |
| Phone: Reports to be sent to: | 1211 | 1 0/. | | | 11 | _ | | | Obj | jectiv | es (PW | QO) | | П | | | | | | | | | = | . / |
| 1. Email: | mohit.bhargav@gemtec.ca | | | | - 11 | exture (Check One) 7 Coarse | ССМЕ | | Oth | ner | | | | Ш | |] Bay | usines: 's | 5 | | 2 Busine Days | :SS | | Next Bu: Day | siness |
| 2, Email: | nicole.soucy@gemtec.ca | | | | | Fine | | | | India | ite One | | | <u>. </u> | | | | teguire | | Jsh Surd | harges | | - | |
| Z, EIIIaii. | | | | | | | | , | | | - | | | -11 | | • | Dato | .oqu |) ((() () () () () () () () | | | | | |
| Project Inform | nation: | | | | 1 | this submission | | | | | delin | | | | | _ | Diagna | proule | do ork | or notific | nation f | or ruet | TAT | -1 |
| Project: | 100117.056 | | | | Rec | cord of Site Co | nation? | Ce | rtifica | ate (| of Ana | arysi | S | | | | | | | ekends | | | | /S |
| Site Location: | Dunning | | | | | Yes 🗆 | No | |] Yes | S | | No | | | Fo | r 'Sam | se Dev' | anely | vele n | lease c | ontact | VOUT A | GAT CF | PM . |
| Sampled By: | CD | | | | | | | | | | 450 | _ | | 4 | | | | 1 | 515, p. | 10000 | | T | | $\overline{}$ |
| AGAT Quote #: | | PO: | | | Som | ple Matrix Le | rend | 8 | - |). Reg | 193 | - | 1 | - | 0. Rag 558 | U. Re | g 406 | 1 | | | | | | 3 |
| | Please note: If quotation number is no | ot provided, client will | be billed full price for a | nalysla. | B | Blota | genu | , ž | 1 | | 20 | | | - 1 | 4. 2 | 5 | 988 | | | | | | | ţ, |
| Invoice Inforn | nation: | В | III To Same: Yes | s [7] No □ | gw | Ground Water | | 7 P | | m | | | | - 1 | aracterization TCLP: □ ABNs ID B(a)P □ PCB= | Rainwater Leach | Pacl 4 | | | | | | | entra |
| | | | | | 0 | OII | | ž, ž | | □HWSB | <u>\$</u> | | | - 1 | | water Le | cterization P. BTEX, F1-F4 | | | | | | | Conc |
| Company: | ontact: | | | | P | Sample Matrix Legend B Blota GW Ground Water O OII P Paint S Soil SD Sediment S Surface Water ONO Surface Water | | | | | | | - 1 | S Get | <u> </u> | 결정 | | | | | | | 들 | |
| | | | | | s | S Soil | | | | | '5 | | | | | No. | acte | | | | | | | S or 1 |
| Address: | | | | | SD | Sediment | | ife | i i | = | F F | | | | | 집 | Star eta | | 崑 | | | | | nop. |
| Email: | | | | | sw | Surface Water | | P P | <u> </u> | ក្ត | 1-F4 Pt F4G if | | | | 8 2 | oils (| SIS | SAB | 8 | | 2 | | | Haza |
| | | | | | | | | _ iř | <u>र</u> श्र | <u>s</u> | F1. | | A | - 1 | | S SS | S SS M | 8 | Sh | | | 111 | | tially |
| Samp | le Identification | Date Sampled | Time Sampled | # of Containers | Sample Matrix | | ments/ Instructions | Y/N | Metals & Inorganics | Metals - □ CrVI, □ Hg, | BTEX, F1-F4 PHCs Analyze F4G if req | PAHs | PCBs | 8 | | Excess Soils SPLP Rain SPLP: SPLP: Metals VOCs | Excess Solls Characterization Package pH, ICPMS Metals, BTEX, F1-F4 | Saft - EC/SAR | Flashpoint | | 4 | H | | Potentially Hazardous or High Concentration (Y/N) |
| TCLP-COMP | | 22 July 24 | AM PM | 4 | SOIL | 2x120 ml; 2x2 | 50 ml | | | | | | | | Ø | | | | | | | | | |
| | | | AM PM | | | | | | | | | | | | | | | | | | | | | |
| | | | AM PM | | | | | | | | | | | | | | | | | 34 | | | | |
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| | | | - | | | | Mark Hanne and Clark | _ | | <u> </u> | | | I Data | _ | | Time | | _ | - | | - 1 | | | |
| Samples Relinquished By (Prin | nt Name and Sign): | | 23 July 20 | 24 11 a | m | Semples Received By (| THE NAME AND STROK | | | | | | O | 1/2 | 3/24 | 12 | hil | | | | | | | |
| Semples Relinquished By (Prin | nt Name (and Sign): | | Date. | / Time | 200 | Samulas Raceffee Av (| Print Name and Sign) | | | _ | | | Date | - | 1 | Tirrin | 7.7 | 1- | | Page | , 2 | of ² | 1 | |
| 111 40 | Deville | | 07/23/2 | 15V | W. | Samples Reselved By (I | Idet Name and Sign's | | | | | | Date | 4 | 24 | Time | <u>5: c</u> | 10 | - | | _ | | | |
| Samples Relinquished By (Prin | nt Name and Shan): | | [Love] | Ime | | Samples reserved By (I | mic reine and Sign). | | | | | | Jaco | | | 1 | | | Nº: | | | | | |
| Document III INVINISIA (SIA 62) | | | | _ | | | | | | | Pink 0 | ору - | Client | l Ye | flow Co | ppy - Al | GAT I | White | Сору- | - AGAT | |)ate losur | ed March | 9 2021 |



CLIENT NAME: GEMTEC CONSULTING ENGINEERS AND SCIENTISTS
32 STEACIE DRIVE
OTTAWA, ON K2K 2A9
(613) 836-1422

ATTENTION TO: Nicole Soucy
PROJECT: 100117.056

AGAT WORK ORDER: 24Z180906

TRACE ORGANICS REVIEWED BY: Pinkal Patel, Report Reviewer

WATER ANALYSIS REVIEWED BY: Amanjot Bhela, Lab Operation Manager

DATE REPORTED: Aug 09, 2024

PAGES (INCLUDING COVER): 15 VERSION*: 1

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

| <u>Notes</u> | |
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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
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- This Certificate shall not be reproduced except in full, without the written approval of the laboratory.
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- This document is signed by an authorized signatory who meets the requirements of the MELCCFP, CALA, CCN and NELAP.
- For environmental samples in the Province of Quebec: The analysis is performed on and results apply to samples as received. A temperature above 6°C upon receipt, as indicated in the Sample Reception Notification (SRN), could indicate the integrity of the samples has been compromised if the delay between sampling and submission to the laboratory could not be minimized.

AGAT Laboratories (V1)

Page 1 of 15

Member of: Association of Professional Engineers and Geoscientists of Alberta (APEGA)

Western Enviro-Agricultural Laboratory Association (WEALA) Environmental Services Association of Alberta (ESAA) AGAT Laboratories is accredited to ISO/IEC 17025 by the Canadian Association for Laboratory Accreditation Inc. (CALA) and/or Standards Council of Canada (SCC) for specific tests listed on the scope of accreditation. AGAT Laboratories (Mississauga) is also accredited by the Canadian Association for Laboratory Accreditation Inc. (CALA) for specific drinking water tests. Accreditations are location and parameter specific. A complete listing of parameters for each location is available from www.cala.ca and/or www.scc.ca. The tests in this report may not necessarily be included in the scope of accreditation. Measurement Uncertainty is not taken into consideration when stating conformity with a specified requirement.



AGAT WORK ORDER: 24Z180906

PROJECT: 100117.056

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

CLIENT NAME: GEMTEC CONSULTING ENGINEERS AND SCIENTISTS SAMPLING SITE:3043 Dunning Road

ATTENTION TO: Nicole Soucy SAMPLED BY: Jeffrey Gauthier

|--|

| DATE RECEIVED: 2024-08-01 | | | | | | DATE REPORTED: 2024-08-09 |
|---------------------------|------|---------------------|---------------------|---------------------|---------------------|---------------------------|
| | 5 | SAMPLE DESCRIPTION: | BH24-03 | BH24-103 | BH24-04 | |
| | | SAMPLE TYPE: | Water | Water | Water | |
| | | DATE SAMPLED: | 2024-08-01 11:55 | 2024-08-01 11:55 | 2024-08-01 10:50 | |
| Parameter | Unit | G/S RDL | 6047067 | 6047072 | 6047073 | |
| Naphthalene | μg/L | 0.20 | <0.20 | <0.20 | <0.20 | |
| Acenaphthylene | μg/L | 0.20 | <0.20 | < 0.20 | <0.20 | |
| Acenaphthene | μg/L | 0.20 | <0.20 | <0.20 | <0.20 | |
| Fluorene | μg/L | 0.20 | <0.20 | <0.20 | <0.20 | |
| Phenanthrene | μg/L | 0.10 | <0.10 | <0.10 | <0.10 | |
| Anthracene | μg/L | 0.10 | <0.10 | <0.10 | <0.10 | |
| Fluoranthene | μg/L | 0.20 | < 0.20 | < 0.20 | <0.20 | |
| Pyrene | μg/L | 0.20 | <0.20 | <0.20 | <0.20 | |
| Benzo(a)anthracene | μg/L | 0.20 | <0.20 | <0.20 | <0.20 | |
| Chrysene | μg/L | 0.10 | <0.10 | < 0.10 | <0.10 | |
| Benzo(b)fluoranthene | μg/L | 0.10 | < 0.10 | < 0.10 | <0.10 | |
| Benzo(k)fluoranthene | μg/L | 0.10 | <0.10 | <0.10 | <0.10 | |
| Benzo(a)pyrene | μg/L | 0.01 | < 0.01 | < 0.01 | < 0.01 | |
| Indeno(1,2,3-cd)pyrene | μg/L | 0.20 | <0.20 | <0.20 | <0.20 | |
| Dibenz(a,h)anthracene | μg/L | 0.20 | <0.20 | <0.20 | <0.20 | |
| Benzo(g,h,i)perylene | μg/L | 0.20 | <0.20 | <0.20 | <0.20 | |
| 2-and 1-methyl Napthalene | μg/L | 0.20 | <0.20 | <0.20 | <0.20 | |
| Sediment | | | 1 | 1 | 1 | |
| Surrogate | Unit | Acceptable Limits | | | | |
| Naphthalene-d8 | % | 50-140 | 82 | 110 | 81 | |
| Acridine-d9 | % | 50-140 | 94 | 122 | 80 | |
| Terphenyl-d14 | % | 50-140 | 103 | 86 | 104 | |

Comments:

RDL - Reported Detection Limit; G / S - Guideline / Standard

6047067-6047073 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 amount

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. The calculated parameter is non-accredited. The parameters that are components of the calculation are accredited.

Analysis performed at AGAT Toronto (unless marked by *)





AGAT WORK ORDER: 24Z180906

PROJECT: 100117.056

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

CLIENT NAME: GEMTEC CONSULTING ENGINEERS AND SCIENTISTS SAMPLING SITE:3043 Dunning Road

% Recovery

60-140

80

ATTENTION TO: Nicole Soucy SAMPLED BY: Jeffrey Gauthier

| O. Reg. 153(511) - PHCs F1 - F4 (with PAHs) (Water) | | | | | | | | | |
|---|------------|---|---|--|---|---------------------------|--|--|--|
| DATE RECEIVED: 2024-08-01 | | | | | | DATE REPORTED: 2024-08-09 | | | |
| | S | AMPLE DESCRIPTION: SAMPLE TYPE: DATE SAMPLED: | BH24-03 Water 2024-08-01 11:55 | BH24-103 Water 2024-08-01 11:55 | BH24-04 Water 2024-08-01 10:50 | | | | |
| Parameter | Unit | G/S RDL | 6047067 | 6047072 | 6047073 | | | | |
| Benzene | μg/L | 0.20 | <0.20 | <0.20 | <0.20 | | | | |
| Toluene | μg/L | 0.20 | <0.20 | <0.20 | <0.20 | | | | |
| Ethylbenzene | μg/L | 0.10 | <0.10 | <0.10 | <0.10 | | | | |
| m & p-Xylene | μg/L | 0.20 | <0.20 | <0.20 | < 0.20 | | | | |
| o-Xylene | μg/L | 0.10 | <0.10 | <0.10 | < 0.10 | | | | |
| Xylenes (Total) | μg/L | 0.20 | < 0.20 | < 0.20 | < 0.20 | | | | |
| F1 (C6 to C10) | μg/L | 25 | <25 | <25 | <25 | | | | |
| F1 (C6 to C10) minus BTEX | μg/L | 25 | <25 | <25 | <25 | | | | |
| F2 (C10 to C16) | μg/L | 100 | <100 | <100 | <100 | | | | |
| F2 (C10 to C16) minus Naphthalene | μg/L | 100 | <100 | <100 | <100 | | | | |
| F3 (C16 to C34) | μg/L | 100 | <100 | <100 | <100 | | | | |
| F3 (C16 to C34) minus PAHs | μg/L | 100 | <100 | <100 | <100 | | | | |
| F4 (C34 to C50) | μg/L | 100 | <100 | <100 | <100 | | | | |
| Gravimetric Heavy Hydrocarbons | μg/L | 500 | NA | NA | NA | | | | |
| Sediment | | | 1 | 1 | 1 | | | | |
| Surrogate | Unit | Acceptable Limits | | | | | | | |
| Toluene-d8 | % Recovery | 60-140 | 97 | 91 | 102 | | | | |

Certified By:

93



Terphenyl



AGAT WORK ORDER: 24Z180906

PROJECT: 100117.056

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

CLIENT NAME: GEMTEC CONSULTING ENGINEERS AND SCIENTISTS SAMPLING SITE:3043 Dunning Road

ATTENTION TO: Nicole Soucy SAMPLED BY: Jeffrey Gauthier

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

DATE RECEIVED: 2024-08-01 DATE REPORTED: 2024-08-09

RDL - Reported Detection Limit: G / S - Guideline / Standard

6047067-6047073 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 amount

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 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 and PAH contributions.

C>10 - C16 (F2- Naphthalene) is a calculated parameter. The calculated value is F2 - Naphthalene.

C>16 - C34 (F3-PAH) is a calculated parameter. The calculated value is F3-PAH (PAH: sum of Phenanthrene, Benzo(a)anthracene, Benzo(b)fluoranthene, Benzo(k)fluoranthene, Benzo(a)pyrene,

Fluoranthene, Dibenzo(a,h)anthracene, Indeno(1,2,3-c,d)pyrene and Pyrene).

This method complies with the Reference Method for the CWS PHC and is validated for use in the laboratory.

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.

Analysis performed at AGAT Toronto (unless marked by *)



AGAT WORK ORDER: 24Z180906

PROJECT: 100117.056

O Reg. 153(511) - PHCs F1/RTFX (Water)

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

CLIENT NAME: GEMTEC CONSULTING ENGINEERS AND SCIENTISTS SAMPLING SITE:3043 Dunning Road

ATTENTION TO: Nicole Soucy SAMPLED BY:Jeffrey Gauthier

| 01 110g: 100(011) | 1110011/212/ | (Trator) | |
|-------------------|--------------|----------|--|
| | | | |

| DATE RECEIVED: 2024-08-0 | 1 | | | | DATE REPORTED: 2024-08-09 |
|---------------------------|------------|-------------------|---------------------|---------------------|---------------------------|
| | SA | MPLE DESCRIPTION: | Field Blank | Trip Blank | |
| | | SAMPLE TYPE: | Water | Water | |
| | | DATE SAMPLED: | 2024-08-01 13:00 | 2024-08-01 12:00 | |
| Parameter | Unit | G/S RDL | 6047082 | 6047089 | |
| Benzene | μg/L | 0.20 | <0.20 | <0.20 | |
| Toluene | μg/L | 0.20 | <0.20 | <0.20 | |
| Ethylbenzene | μg/L | 0.10 | <0.10 | < 0.10 | |
| m & p-Xylene | μg/L | 0.20 | <0.20 | <0.20 | |
| o-Xylene | μg/L | 0.10 | <0.10 | <0.10 | |
| Xylenes (Total) | μg/L | 0.20 | <0.20 | <0.20 | |
| F1 (C6 to C10) | μg/L | 25 | <25 | <25 | |
| F1 (C6 to C10) minus BTEX | μg/L | 25 | <25 | <25 | |
| Surrogate | Unit | Acceptable Limits | | | |
| Toluene-d8 | % Recovery | 60-140 | 98 | 106 | |

Comments: RDL - Reported Detection Limit; G / S - Guideline / Standard

6047082-6047089 The C6-C10 fraction is calculated using Toluene response factor.

Total C6-C10 results are corrected for BTEX contributions.

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.

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.

Extraction and holding times were met for this sample.

NA = Not Applicable

Analysis performed at AGAT Toronto (unless marked by *)

Pinkal Jata



AGAT WORK ORDER: 24Z180906

PROJECT: 100117.056

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

CLIENT NAME: GEMTEC CONSULTING ENGINEERS AND SCIENTISTS SAMPLING SITE:3043 Dunning Road

ATTENTION TO: Nicole Soucy SAMPLED BY:Jeffrey Gauthier

O. Reg. 153(511) - Metals (Including Hydrides) (Water) - Lab Filtered

| DATE RECEIVED: 2024-08-01 | | | | | | | DATE REPORTED: 2024-08-09 |
|---------------------------|------|-------|-----------------------|---|--|---|---------------------------|
| | | DATES | PLE TYPE: SAMPLED: | BH24-03 Water 2024-08-01 11:55 | BH24-103 Water 2024-08-01 11:55 | BH24-04 Water 2024-08-01 10:50 | |
| Parameter | Unit | G/S | RDL | 6047067 | 6047072 | 6047073 | |
| Dissolved Antimony | μg/L | | 1.0 | <1.0 | <1.0 | <1.0 | |
| Dissolved Arsenic | μg/L | | 1.0 | <1.0 | 1.4 | 1.4 | |
| Dissolved Barium | μg/L | | 2.0 | 67.7 | 63.9 | 56.3 | |
| Dissolved Beryllium | μg/L | | 0.50 | < 0.50 | < 0.50 | < 0.50 | |
| Dissolved Boron | μg/L | | 10.0 | 284 | 413 | 282 | |
| Dissolved Cadmium | μg/L | | 0.20 | < 0.20 | <0.20 | < 0.20 | |
| Dissolved Chromium | μg/L | | 2.0 | <2.0 | <2.0 | <2.0 | |
| Dissolved Cobalt | μg/L | | 0.50 | < 0.50 | < 0.50 | < 0.50 | |
| Dissolved Copper | μg/L | | 1.0 | 1.5 | 1.6 | 1.2 | |
| Dissolved Lead | μg/L | | 0.50 | < 0.50 | < 0.50 | < 0.50 | |
| Dissolved Molybdenum | μg/L | | 0.50 | 6.75 | 4.71 | 11.5 | |
| Dissolved Nickel | μg/L | | 1.0 | 4.4 | 2.1 | <1.0 | |
| Dissolved Selenium | μg/L | | 1.0 | <1.0 | <1.0 | <1.0 | |
| Dissolved Silver | μg/L | | 0.20 | <0.20 | <0.20 | <0.20 | |
| Dissolved Thallium | μg/L | | 0.30 | < 0.30 | < 0.30 | < 0.30 | |
| Dissolved Uranium | μg/L | | 0.50 | 5.42 | 5.05 | 9.80 | |
| Dissolved Vanadium | μg/L | | 0.40 | 2.47 | 1.58 | 2.24 | |
| Dissolved Zinc | μg/L | | 5.0 | <5.0 | <5.0 | <5.0 | |
| Lab Filtration Metals | | | | 1 | 1 | 1 | |

Comments: RDL - Reported Detection Limit; G / S - Guideline / Standard

6047067-6047073 Metals analysis completed on a lab filtered sample.

Analysis performed at AGAT Toronto (unless marked by *)

manjot Bhelly AMANJOT BHELA S CHEMIST



AGAT WORK ORDER: 24Z180906

PROJECT: 100117.056

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

CLIENT NAME: GEMTEC CONSULTING ENGINEERS AND SCIENTISTS

SAMPLING SITE:3043 Dunning Road

ATTENTION TO: Nicole Soucy SAMPLED BY:Jeffrey Gauthier

| | O. Reg. 153(511) - ORPs (Water) | | | | | | | | | | |
|---------------------------|--|-----------|-----------|---------------------|---------------------|--|--|--|--|--|--|
| DATE RECEIVED: 2024-08-01 | ATE RECEIVED: 2024-08-01 DATE REPORTED: 2024-08-09 | | | | | | | | | | |
| | s | AMPLE DES | CRIPTION: | BH24-03 | BH24-04 | | | | | | |
| | | SAM | PLE TYPE: | Water | Water | | | | | | |
| | | DATE | SAMPLED: | 2024-08-01 11:55 | 2024-08-01 10:50 | | | | | | |
| Parameter | Unit | G/S | RDL | 6047067 | 6047073 | | | | | | |
| рН | pH Units | | NA | 8.07 | 8.05 | | | | | | |

Comments: RDL - Reported Detection Limit; G / S - Guideline / Standard

6047067-6047073 pH is a recommended field analysis taken within 15 minutes of sample collection. Due to the potential for rapid change in sample equilibrium chemistry laboratory results may differ from field measured

Analysis performed at AGAT Toronto (unless marked by *)

manjot Bhelly Amanjor Bhela a CHEMIST

Quality Assurance

CLIENT NAME: GEMTEC CONSULTING ENGINEERS AND SCIENTISTS

SAMPLING SITE:3043 Dunning Road

PROJECT: 100117.056

AGAT WORK ORDER: 24Z180906
ATTENTION TO: Nicole Soucy
SAMPLED BY:Jeffrey Gauthier

| Trace Organics Analysis | | | | | | | | | | | | | | | |
|------------------------------------|----------------|-------|-----------|--------|-----|-----------------|-----------------|-------------|--------|----------|-----------|----------------|-------------|------|----------------|
| RPT Date: Aug 09, 2024 | | | DUPLICATE | | | | REFERE | NCE MA | TERIAL | METHOD | BLANK | SPIKE | MATRIX SPIK | | KE |
| PARAMETER | Batch Sa | ample | Dup #1 | Dup #2 | RPD | Method Blank | Measured Limits | | | Recovery | 1 1 1 1 1 | ptable nits | Recovery | 1 :- | ptable nits |
| | | ld | · | · | | | Value | Lower Upper | | | Lower | Upper | | l . | Upper |
| O. Reg. 153(511) - PHCs F1 - F4 (v | with PAHs) (Wa | ater) | | | | | | | | | | | | | |
| Benzene | 6049754 | | <0.20 | < 0.20 | NA | < 0.20 | 105% | 60% | 140% | 99% | 60% | 140% | 83% | 60% | 140% |
| Toluene | 6049754 | | <0.20 | < 0.20 | NA | < 0.20 | 97% | 60% | 140% | 104% | 60% | 140% | 85% | 60% | 140% |
| Ethylbenzene | 6049754 | | < 0.10 | < 0.10 | NA | < 0.10 | 94% | 60% | 140% | 96% | 60% | 140% | 80% | 60% | 140% |
| m & p-Xylene | 6049754 | | <0.20 | < 0.20 | NA | < 0.20 | 103% | 60% | 140% | 89% | 60% | 140% | 82% | 60% | 140% |
| o-Xylene | 6049754 | | <0.10 | <0.10 | NA | < 0.10 | 110% | 60% | 140% | 95% | 60% | 140% | 88% | 60% | 140% |
| F1 (C6 to C10) | 6049754 | | <25 | <25 | NA | < 25 | 91% | 60% | 140% | 83% | 60% | 140% | 83% | 60% | 140% |
| F2 (C10 to C16) | 6045268 | | < 100 | < 100 | NA | < 100 | 128% | 60% | 140% | 73% | 60% | 140% | 70% | 60% | 140% |
| F3 (C16 to C34) | 6045268 | | < 100 | < 100 | NA | < 100 | 116% | 60% | 140% | 79% | 60% | 140% | 69% | 60% | 140% |
| F4 (C34 to C50) | 6045268 | | < 100 | < 100 | NA | < 100 | 67% | 60% | 140% | 68% | 60% | 140% | 98% | 60% | 140% |
| O. Reg. 153(511) - PAHs (Water) | | | | | | | | | | | | | | | |
| Naphthalene | 6047072 6047 | 7072 | <0.20 | <0.20 | NA | < 0.20 | 103% | 50% | 140% | 82% | 50% | 140% | 100% | 50% | 140% |
| Acenaphthylene | 6047072 6047 | | <0.20 | <0.20 | NA | < 0.20 | 95% | 50% | 140% | 74% | 50% | 140% | 87% | 50% | 140% |
| Acenaphthene | 6047072 6047 | | <0.20 | <0.20 | NA | < 0.20 | 90% | 50% | 140% | 80% | 50% | 140% | 100% | 50% | 140% |
| Fluorene | 6047072 6047 | | <0.20 | <0.20 | NA | < 0.20 | 91% | 50% | 140% | 80% | 50% | 140% | 98% | 50% | 140% |
| Phenanthrene | 6047072 6047 | | 0.11 | 0.11 | NA | < 0.10 | 89% | 50% | 140% | 80% | 50% | 140% | 102% | 50% | 140% |
| Anthracene | 6047072 6047 | 7072 | <0.10 | <0.10 | NA | < 0.10 | 75% | 50% | 140% | 85% | 50% | 140% | 109% | 50% | 140% |
| Fluoranthene | 6047072 6047 | | <0.20 | <0.20 | NA | < 0.20 | 93% | 50% | 140% | 84% | 50% | 140% | 111% | 50% | 140% |
| Pyrene | 6047072 6047 | 7072 | <0.20 | <0.20 | NA | < 0.20 | 91% | 50% | 140% | 82% | 50% | 140% | 111% | 50% | 140% |
| Benzo(a)anthracene | 6047072 6047 | 7072 | <0.20 | <0.20 | NA | < 0.20 | 72% | 50% | 140% | 78% | 50% | 140% | 73% | 50% | 140% |
| Chrysene | 6047072 6047 | 7072 | <0.10 | <0.10 | NA | < 0.10 | 114% | 50% | 140% | 95% | 50% | 140% | 88% | 50% | 140% |
| Benzo(b)fluoranthene | 6047072 6047 | 7072 | <0.10 | <0.10 | NA | < 0.10 | 72% | 50% | 140% | 90% | 50% | 140% | 97% | 50% | 140% |
| Benzo(k)fluoranthene | 6047072 6047 | | <0.10 | <0.10 | NA | < 0.10 | 132% | 50% | 140% | 90% | 50% | 140% | 92% | 50% | 140% |
| Benzo(a)pyrene | 6047072 6047 | | < 0.01 | < 0.01 | NA | < 0.01 | 96% | 50% | 140% | 104% | 50% | 140% | 96% | 50% | 140% |
| Indeno(1,2,3-cd)pyrene | 6047072 6047 | | <0.20 | <0.20 | NA | < 0.20 | 77% | 50% | 140% | 114% | 50% | 140% | 73% | 50% | 140% |
| Dibenz(a,h)anthracene | 6047072 6047 | 7072 | <0.20 | <0.20 | NA | < 0.20 | 74% | 50% | 140% | 62% | 50% | 140% | 73% | 50% | 140% |
| Benzo(g,h,i)perylene | 6047072 6047 | 7072 | <0.20 | <0.20 | NA | < 0.20 | 99% | 50% | 140% | 119% | 50% | 140% | 80% | 50% | 140% |
| O. Reg. 153(511) - PHCs F1/BTEX | (Water) | | | | | | | | | | | | | | |
| Benzene | 6049754 | | <0.20 | <0.20 | NA | < 0.20 | 105% | 60% | 140% | 99% | 60% | 140% | 83% | 60% | 140% |
| Toluene | 6049754 | | <0.20 | <0.20 | NA | < 0.20 | 97% | 60% | 140% | 104% | 60% | 140% | 85% | 60% | 140% |
| Ethylbenzene | 6049754 | | <0.10 | <0.10 | NA | < 0.10 | 94% | 60% | 140% | 96% | 60% | 140% | 80% | 60% | 140% |
| m & p-Xylene | 6049754 | | <0.20 | <0.20 | NA | < 0.20 | 103% | 60% | 140% | 89% | 60% | 140% | 82% | 60% | 140% |
| o-Xylene | 6049754 | | <0.10 | <0.10 | NA | < 0.10 | 110% | 60% | 140% | 95% | 60% | 140% | 88% | 60% | 140% |
| F1 (C6 to C10) | 6049754 | | <25 | <25 | NA | < 25 | 91% | 60% | 140% | 83% | 60% | 140% | 83% | 60% | 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).

Page 8 of 15



Quality Assurance

CLIENT NAME: GEMTEC CONSULTING ENGINEERS AND SCIENTISTS

PROJECT: 100117.056
SAMPLING SITE:3043 Dunning Road

AGAT WORK ORDER: 24Z180906
ATTENTION TO: Nicole Soucy
SAMPLED BY:Jeffrey Gauthier

| Trace Organics Analysis (Continued) | | | | | | | | | | | | | | | | | |
|-------------------------------------|------------------------------|--------|--------|--------|-------|-----------------|---------------------------------------|--|----------------|----------|-----|----------------|----------|--------------|----------------|--|--|
| RPT Date: Aug 09, 2024 | Date: Aug 09, 2024 DUPLICATE | | | | | | REFERENCE MATERIAL METHOD BLANK SPIKE | | | | | | | MATRIX SPIKE | | | |
| PARAMETER | Batch | Sample | Dup #1 | Dup #2 | RPD | Method Blank | Measured | | ptable nits | Recovery | Lir | ptable nits | Recovery | Lin | ptable nits | | |
| . , | Id Sup#1 Sup#2 | " | | | Value | Lower | Upper | | Lower | Upper |] | Lower Uppe | | | | | |





Quality Assurance

CLIENT NAME: GEMTEC CONSULTING ENGINEERS AND SCIENTISTS

PROJECT: 100117.056

AGAT WORK ORDER: 24Z180906
ATTENTION TO: Nicole Soucy
SAMPLED BY:Jeffrey Gauthier

| SAMPLING SITE:3043 Dui | | SAMPLED BY:Jeffrey Gauthier | | | | | | | | | | | | | |
|---|--------------------|-----------------------------|---------------|--------------|------------|-----------------|--------------|--------|-----------------|--------------|-------|----------------|--------------|-----------|----------------|
| | | | | Wate | er Ar | nalys | is | | | | | | | | |
| RPT Date: Aug 09, 2024 | | | [| UPLICAT | E | | REFERE | NCE MA | TERIAL | METHOD | BLANK | SPIKE | МАТ | RIX SPI | KE |
| PARAMETER | Batch | Sample | Dup #1 | Dup #2 | RPD | Method Blank | Measured | | eptable mits | Recovery | Lie | ptable nits | Recovery | 1 1 1 1 1 | ptable nits |
| PARAMETER | Batcii | ld | Dup #1 | Dup #2 | NFD | | Value | Lower | Upper | necovery | Lower | Upper | necovery | Lower | Uppe |
| O. Reg. 153(511) - ORPs (Wat | er) | | | | | | | | | | | | | | |
| рН | 6047129 | | 7.55 | 7.90 | 4.5% | NA | 100% | 90% | 110% | NA | | | NA | | |
| Comments: NA signifies Not App Duplicate NA: results are under | | ll not be | calculated | i. | | | | | | | | | | | |
| O. Reg. 153(511) - Metals (Inc | luding Hydrides) | (Water) | - Lab Fil | tered | | | | | | | | | | | |
| Dissolved Antimony | 6048503 | ` ' | <1.0 | <1.0 | NA | < 1.0 | 102% | 70% | 130% | 105% | 80% | 120% | 105% | 70% | 130% |
| Dissolved Arsenic | 6048503 | | <1.0 | <1.0 | NA | < 1.0 | 101% | 70% | 130% | 105% | 80% | 120% | 104% | 70% | 130% |
| Dissolved Barium | 6048503 | | 83.5 | 83.4 | 0.1% | < 2.0 | 100% | 70% | 130% | 102% | 80% | 120% | 100% | 70% | 130% |
| Dissolved Beryllium | 6042951 | | < 0.50 | < 0.50 | NA | < 0.50 | 108% | 70% | 130% | 109% | 80% | 120% | 111% | 70% | 130% |
| Dissolved Boron | 6048503 | | 181 | 155 | 15.5% | < 10.0 | 98% | 70% | 130% | 120% | 80% | 120% | 110% | 70% | 130% |
| Dissolved Cadmium | 6048503 | | <0.20 | <0.20 | NA | < 0.20 | 100% | 70% | 130% | 101% | 80% | 120% | 102% | 70% | 130% |
| Dissolved Chromium | 6048503 | | <2.0 | <2.0 | NA | < 2.0 | 100% | 70% | 130% | 104% | 80% | 120% | 101% | 70% | 130% |
| Dissolved Cobalt | 6048503 | | < 0.50 | < 0.50 | NA | < 0.50 | 101% | 70% | 130% | 102% | 80% | 120% | 102% | 70% | 130% |
| Dissolved Copper | 6048503 | | <1.0 | <1.0 | NA | < 1.0 | 101% | 70% | 130% | 102% | 80% | 120% | 100% | 70% | 130% |
| Dissolved Lead | 6048503 | | <0.50 | <0.50 | NA | < 0.50 | 97% | | 130% | 99% | | 120% | 98% | | 130% |
| Dissolved Molybdenum | 6048503 | | 0.64 | 0.76 | NA | < 0.50 | 104% | 70% | 130% | 107% | 80% | 120% | 107% | 70% | 130% |
| Dissolved Nickel | 6048503 | | 2.4 | 1.4 | NA | < 1.0 | 102% | 70% | 130% | 103% | 80% | 120% | 100% | 70% | 130% |
| Dissolved Selenium | 6048503 | | 1.0 | <1.0 | NA | < 1.0 | 103% | 70% | 130% | 106% | 80% | 120% | 103% | 70% | 130% |
| Dissolved Silver | 6048503 | | <0.20 | <0.20 | NA | < 0.20 | 102% | 70% | 130% | 102% | 80% | 120% | 101% | 70% | 130% |
| Dissolved Thallium | 6048503 | | <0.30 | <0.30 | NA | < 0.30 | 99% | 70% | 130% | 100% | 80% | 120% | 100% | 70% | 130% |
| Dissolved Uranium | 6048503 | | 0.78 | 0.80 | NA | < 0.50 | 97% | 70% | 130% | 100% | 80% | 120% | 101% | 70% | 130% |
| Dissolved Vanadium | 6048503 | | < 0.40 | < 0.40 | NA | < 0.40 | 103% | 70% | 130% | 107% | 80% | 120% | 106% | 70% | 130% |
| Dissolved Zinc | 6048503 | | 5.1 | <5.0 | NA | < 5.0 | 102% | | 130% | 106% | | 120% | 99% | | 130% |
| Comments: NA signifies Not App Duplicate NA: results are under | | ll not be | calculated | i. | | | | | | | | | | | |
| O. Reg. 153(511) - Metals (Inc | ludina Hydrides) | (Water) | . I ah Fil | torod | | | | | | | | | | | |
| Dissolved Antimony | 6042951 | (water) | <1.0 | <1.0 | NA | < 1.0 | 101% | 70% | 130% | 104% | 80% | 120% | 109% | 70% | 130% |
| Dissolved Arsenic | 6042951 | | <1.0 <1.0 | <1.0 <1.0 | NA NA | < 1.0 | 110% | | 130% | 104% | | 120% | 109% | | 130% |
| Dissolved Barium | 6042951 | | 107 | 107 | 0.2% | | 96% | | | 100% | | 120% | 109% | | 130% |
| Dissolved Barryllium | 6042951 | | <4.00 | <4.00 | 0.2% NA | < 2.0 < 0.50 | 108% | | 130% 130% | 100% | | 120% | 111% | | 130% |
| Dissolved Boron | 6042951 | | 253 | 293 | 14.5% | < 10.0 | 101% | | 130% | 117% | | 120% | 120% | | 130% |
| Dissolved Cadmium | 6042951 | | <0.20 | <0.20 | NA | < 0.20 | 100% | 700/ | 130% | 100% | 80°/ | 120% | 105% | 70% | 130% |
| Dissolved Caumium Dissolved Chromium | 6042951 | | <0.20 <2.0 | | | < 2.0 | 100% | | 130% | 102% | | 120% | 102% | | 130% |
| Dissolved Cobalt | | | | <2.0 | NA NA | | | | | | | | | | |
| Dissolved Copper | 6042951 6042951 | | <0.50 1.3 | <0.50 | NA NA | < 0.50 | 100% 100% | 70% | 130% 130% | 103% 100% | | 120% 120% | 102% 100% | | 130% |
| Dissolved Copper Dissolved Lead | 6042951 | | < 0.50 | 1.4 <0.50 | NA NA | < 1.0 < 0.50 | 97% | | 130% | 100% | | 120% | 97% | | 130% 130% |
| | | | | | | | | | | | | | | | |
| Dissolved Molybdenum | 6042951 | | 7.46 | 8.75 | 16% | < 0.50 | 104% | 70% | 130% | 108% | 80% | 120% | 109% | 70% | 130% |

AGAT QUALITY ASSURANCE REPORT (V1)

6042951

1.4

1.3

Dissolved Nickel

70% 130% Page 10 of 15

AGAT Laboratories is accredited to ISO/IEC 17025 by the Canadian Association for Laboratory Accreditation Inc. (CALA) and/or Standards Council of Canada (SCC) for specific tests listed on the scope of accreditation. AGAT Laboratories (Mississauga) is also accredited by the Canadian Association for Laboratory Accreditation Inc. (CALA) for specific drinking water tests. Accreditations are location and parameter specific. A complete listing of parameters for each location is available from www.cala.ca and/or www.scc.ca. The tests in this report may not necessarily be included in the scope of accreditation. RPDs calculated using raw data. The RPD may not be reflective of duplicate values shown, due to rounding of final results.

NA

< 1.0

100%

70% 130%

101%

80% 120%

101%



Quality Assurance

CLIENT NAME: GEMTEC CONSULTING ENGINEERS AND SCIENTISTS

SAMPLING SITE:3043 Dunning Road

PROJECT: 100117.056

AGAT WORK ORDER: 24Z180906
ATTENTION TO: Nicole Soucy
SAMPLED BY:Jeffrey Gauthier

100%

80% 120% 100%

101% 70% 130%

| | Water Analysis (Continued) | | | | | | | | | | | | | | |
|----------------------------------|----------------------------|--------|--------|--------|-----------|--------|----------|-------|----------------|----------|-------|----------------|----------|-------|----------------|
| RPT Date: Aug 09, 2024 DUPLICATE | | | E | | REFEREN | METHOD | BLANK | SPIKE | MATRIX SPIKE | | | | | | |
| PARAMETER | Batch | Sample | Dup #1 | Dup #2 | up #2 RPD | | Measured | | ptable nits | Recovery | Lin | ptable nits | Recovery | Lin | ptable nits |
| | | ld | | | | | Value | Lower | Upper | , | Lower | Upper | | Lower | Upper |
| Dissolved Selenium | 6042951 | | 1.6 | 1.1 | NA | < 1.0 | 110% | 70% | 130% | 110% | 80% | 120% | 109% | 70% | 130% |
| Dissolved Silver | 6042951 | | <0.20 | < 0.20 | NA | < 0.20 | 104% | 70% | 130% | 104% | 80% | 120% | 99% | 70% | 130% |
| Dissolved Thallium | 6042951 | | <0.30 | <0.30 | NA | < 0.30 | 98% | 70% | 130% | 105% | 80% | 120% | 99% | 70% | 130% |
| Dissolved Uranium | 6042951 | | <0.50 | <0.50 | NA | < 0.50 | 102% | 70% | 130% | 117% | 80% | 120% | 104% | 70% | 130% |
| Dissolved Vanadium | 6042951 | | < 0.40 | < 0.40 | NA | < 0.40 | 98% | 70% | 130% | 104% | 80% | 120% | 108% | 70% | 130% |

Comments: NA signifies Not Applicable.

Dissolved Zinc

Duplicate NA: results are under 5X the RDL and will not be calculated.

6042951

13.3

Amanjot Bhell Amandor BHELL OCHEMIST OF CHEMIST OF CHEM

Method Summary

CLIENT NAME: GEMTEC CONSULTING ENGINEERS AND SCIENTISTS

PROJECT: 100117.056 SAMPLING SITE:3043 Dunning Road AGAT WORK ORDER: 24Z180906 ATTENTION TO: Nicole Soucy SAMPLED BY:Jeffrey Gauthier

| DADAMETED | ACATEOD | I ITEDATINE DEEDENGE | |
|-----------------------------------|--------------|---------------------------------------|----------------------|
| PARAMETER | AGAT S.O.P | LITERATURE REFERENCE | ANALYTICAL TECHNIQUE |
| Trace Organics Analysis | | modified from EDA 05100 and EDA | |
| Naphthalene | ORG-91-5105 | modified from EPA 3510C and EPA 8270E | GC/MS |
| Acenaphthylene | ORG-91-5105 | modified from EPA 3510C and EPA 8270E | GC/MS |
| Acenaphthene | ORG-91-5105 | modified from EPA 3510C and EPA 8270E | GC/MS |
| Fluorene | ORG-91-5105 | modified from EPA 3510C and EPA 8270E | GC/MS |
| Phenanthrene | ORG-91-5105 | modified from EPA 3510C and EPA 8270E | GC/MS |
| Anthracene | ORG-91-5105 | modified from EPA 3510C and EPA 8270E | GC/MS |
| Fluoranthene | ORG-91-5105 | modified from EPA 3510C and EPA 8270E | GC/MS |
| Pyrene | ORG-91-5105 | modified from EPA 3510C and EPA 8270E | GC/MS |
| Benzo(a)anthracene | ORG-91-5105 | modified from EPA 3510C and EPA 8270E | GC/MS |
| Chrysene | ORG-91-5105 | modified from EPA 3510C and EPA 8270E | GC/MS |
| Benzo(b)fluoranthene | ORG-91-5105 | modified from EPA 3510C and EPA 8270E | GC/MS |
| Benzo(k)fluoranthene | ORG-91-5105 | modified from EPA 3510C and EPA 8270E | GC/MS |
| Benzo(a)pyrene | ORG-91-5105 | modified from EPA 3510C and EPA 8270E | GC/MS |
| Indeno(1,2,3-cd)pyrene | ORG-91-5105 | modified from EPA 3510C and EPA 8270E | GC/MS |
| Dibenz(a,h)anthracene | ORG-91-5105 | modified from EPA 3510C and EPA 8270E | GC/MS |
| Benzo(g,h,i)perylene | ORG-91-5105 | modified from EPA 3510C and EPA 8270E | GC/MS |
| 2-and 1-methyl Napthalene | ORG-91-5105 | modified from EPA 3510C and EPA 8270E | GC/MS |
| Naphthalene-d8 | ORG-91-5105 | modified from EPA 3510C and EPA 8270E | GC/MS |
| Acridine-d9 | ORG-91-5105 | modified from EPA 3510C and EPA 8270E | GC/MS |
| Terphenyl-d14 | ORG-91-5105 | modified from EPA 3510C and EPA 8270E | GC/MS |
| Sediment | | | N/A |
| Benzene | VOL-91-5010 | modified from MOE PHC-E3421 | (P&T)GC/MS |
| Toluene | VOL-91-5010 | modified from MOE PHC-E3421 | (P&T)GC/MS |
| Ethylbenzene | VOL-91-5010 | modified from MOE PHC-E3421 | (P&T)GC/MS |
| m & p-Xylene | VOL-91-5010 | modified from MOE PHC-E3421 | (P&T)GC/MS |
| o-Xylene | VOL-91-5010 | modified from MOE PHC-E3421 | (P&T)GC/MS |
| Xylenes (Total) | VOL-91-5010 | modified from MOE PHC-E3421 | (P&T)GC/MS |
| 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-91-5010 | modified from MOE PHC-E3421 | (P&T)GC/MS |
| F2 (C10 to C16) | VOL-91-5010 | modified from MOE PHC-E3421 | GC/FID |
| F2 (C10 to C16) minus Naphthalene | VOL-91-5010 | modified from MOE PHC-E3421 | GC/FID |
| F3 (C16 to C34) | VOL-91-5010 | modified from MOE PHC-E3421 | GC/FID |

Method Summary

CLIENT NAME: GEMTEC CONSULTING ENGINEERS AND SCIENTISTS

PROJECT: 100117.056 SAMPLING SITE:3043 Dunning Road AGAT WORK ORDER: 24Z180906
ATTENTION TO: Nicole Soucy
SAMPLED BY:Jeffrey Gauthier

| PARAMETER | AGAT S.O.P | LITERATURE REFERENCE | ANALYTICAL TECHNIQUE | | | | | |
|--------------------------------|-------------|--|----------------------|--|--|--|--|--|
| F3 (C16 to C34) minus PAHs | 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 | | | | | |
| Benzene | VOL-91-5010 | modified from EPA SW-846 5030C & 8260D | (P&T)GC/MS | | | | | |
| Toluene | VOL-91-5010 | modified from EPA SW-846 5030C & 8260D | (P&T)GC/MS | | | | | |
| Ethylbenzene | VOL-91-5010 | modified from EPA SW-846 5030C & 8260D | (P&T)GC/MS | | | | | |
| m & p-Xylene | VOL-91-5010 | modified from EPA SW-846 5030C & 8260D | (P&T)GC/MS | | | | | |
| o-Xylene | VOL-91-5010 | modified from EPA SW-846 5030C & 8260D | (P&T)GC/MS | | | | | |
| Xylenes (Total) | VOL-91-5010 | modified from EPA SW-846 5030C & 8260D | (P&T)GC/MS | | | | | |
| F1 (C6 to C10) | VOL-91-5010 | modified from MOE E3421 | (P&T)GC/FID | | | | | |
| F1 (C6 to C10) minus BTEX | VOL-91-5010 | modified from MOE E3421 | (P&T)GC/FID | | | | | |

Method Summary

CLIENT NAME: GEMTEC CONSULTING ENGINEERS AND SCIENTISTS

PROJECT: 100117.056 SAMPLING SITE:3043 Dunning Road AGAT WORK ORDER: 24Z180906
ATTENTION TO: Nicole Soucy
SAMPLED BY:Jeffrey Gauthier

| DAMI LING OTTE:5045 Building No | T | OAMI EED D1.00 | |
|---------------------------------|--------------|---------------------------------------|----------------------|
| PARAMETER | AGAT S.O.P | LITERATURE REFERENCE | ANALYTICAL TECHNIQUE |
| Water Analysis | | | |
| Dissolved Antimony | MET-93-6103 | modified from EPA 200.8 and EPA 3005A | ICP-MS |
| Dissolved Arsenic | MET-93-6103 | modified from EPA 200.8 and EPA 3005A | ICP-MS |
| Dissolved Barium | MET-93-6103 | modified from EPA 200.8 and EPA 3005A | ICP-MS |
| Dissolved Beryllium | MET-93-6103 | modified from EPA 200.8 and EPA 3005A | ICP-MS |
| Dissolved Boron | MET-93-6103 | modified from EPA 200.8 and EPA 3005A | ICP-MS |
| Dissolved Cadmium | MET-93-6103 | modified from EPA 200.8 and EPA 3005A | ICP-MS |
| Dissolved Chromium | MET-93-6103 | modified from EPA 200.8 and EPA 3005A | ICP-MS |
| Dissolved Cobalt | MET-93-6103 | modified from EPA 200.8 and EPA 3005A | ICP-MS |
| Dissolved Copper | MET-93-6103 | modified from EPA 200.8 and EPA 3005A | ICP-MS |
| Dissolved Lead | MET-93-6103 | modified from EPA 200.8 and EPA 3005A | ICP-MS |
| Dissolved Molybdenum | MET-93-6103 | modified from EPA 200.8 and EPA 3005A | ICP-MS |
| Dissolved Nickel | MET-93-6103 | modified from EPA 200.8 and EPA 3005A | ICP-MS |
| Dissolved Selenium | MET-93-6103 | modified from EPA 200.8 and EPA 3005A | ICP-MS |
| Dissolved Silver | MET-93-6103 | modified from EPA 200.8 and EPA 3005A | ICP-MS |
| Dissolved Thallium | MET-93-6103 | modified from EPA 200.8 and EPA 3005A | ICP-MS |
| Dissolved Uranium | MET-93-6103 | modified from EPA 200.8 and EPA 3005A | ICP-MS |
| Dissolved Vanadium | MET-93-6103 | modified from EPA 200.8 and EPA 3005A | ICP-MS |
| Dissolved Zinc | MET-93-6103 | modified from EPA 200.8 and EPA 3005A | ICP-MS |
| Lab Filtration Metals | SR-78-9001 | | FILTRATION |
| рН | INOR-93-6000 | modified from SM 4500-H+ B | PC TITRATE |



Chain of Custody Record

Have feedback? Scan here for a quick survey!



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

5835 Coopers Avenue Mississauga, Ontario L4Z 1Y2 Ph: 905_712.5100 Fax: 905_712_5122

webearth agatlabs.com

Laboratory Use Only

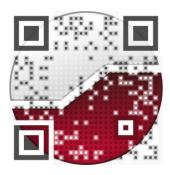
| Vork Order # | 7471 | 180906 | |
|---------------|------|--------|---|
| voin Oluci #. | - | 10000 | - |

| | Cooler Quantity: MQ - ICQ DOCKS |
|---|------------------------------------|
| | Arrival Temperatures: 3 5 3 8 H-O |
| | Depot Temperatures: 74.9 24.6 24.4 |
| ı | Custody Cool latesty Div. Div. |

| | Temperatures: dy Seal Intact: | Z 4.9 □ Yes | 29.612 □No | □N/A |
|-------|----------------------------------|-------------------------------------|----------------|--------------------|
| | around Tim | e (TAT) Re | quired: | |
| Regul | ar TAT | 5 to 7 B | usiness Days | |
| Rush | TAT (Rush Surchar | ges Apply) | | |
| | 3 Business Days | 2 Busine | ess Ne | ext Business ay |
| | OR Date Requ | ired (Rush Surc | charges May Ap | ply): |
| | Please prov | vide prior notific e of weekends | | |
| For | 'Same Day' ana | lveic place c | ontact your AG | AT CSD |

| Report Information: GEMTEC | | | | Reg (Please | Sulatory Requences all applicable boxe | uirements: | 364 | 10 | 27/2 | 7 | 14 | | | istody otes: | Seal Ir | ntact: | [| ∐Yes | | □No | | □N/A | | | | | |
|--|-----------------|---|---|--|--|-------------------------|--|------------|--------|----------------|--|---------|---|---|-------------------|----------------|---------|------|--|---------------------------------|----------|----------|--|--|--|--|--|
| Phone: Reports to be sent to: 1. Email: 2. Email: Project Information: Project: Site Location: Sampled By: 3 a Steacie prive G13 929 5670 Fax: N' DUL SUMY D GENTEC.CA Project Information: South Summer | | | 613 929 5630 Fax: Nigola, Sonna & gentecia | | | | Table Indicate One | | | | | | | Sewer Use Storm Storm Storm Storm Storm Storm Storm Prov. Water Quality Objectives (PWQO) Other Indicate One Report Guideline on Certificate of Analysis Yes No | | | | | Turnaround Time (TAT) Required: Regular TAT | | | | | | | | |
| | | | 0 | Is this submission for a Record of Site Condition (RSC)? Yes No | | | | | | | | | | | | | | | | | | | | | | | |
| AGAT Quote #: Po: Please note: If quotation number is not provided, client will be billed full price for analysis. | | | Leg | al Sample | | CrVí, DOC | 0. | Reg 1 | 53 | | | 4. | Reg 4 | 200 | O. Reg | | | | | | on (Y/N) | | | | | | |
| Invoice Information: Company: Contact: Address: Email: | | San GW O P | 0 Oil SW Surface Water P Paint R Rock/Shale | | | & Inorganics | - □ CrVI, □ Hg, □ HWSB | F1-F4 PHCs | | PCBs: Aroclors | Regulation 406 Characterization Package pH, Metals, BTEX, F1-F4 | œ | Regulation 406 SPLP Rainwater Leach mSPLP: ☐ Metals ☐ VOCs ☐ SVOCs ☐OC | Landfill Disposal Characterization TCLP: TCLP: ☐ M&I ☐ VOCs ☐ ABNs ☐ B(a)P ☐ PCBs | lre 🗆 S | 7 | etals | | | lly Hazardous or High Concentra | | | | | | | |
| Sample Identification | Date Sampled | Time Sampled | # of Containers | Sample Matrix | | nments/ Instructions | Y/N | Metals | Metals | .5 | PAHS | PCBs: A | Regulat pH, Met | EC, SAR | Regulat mSPLP: | Landfill TCLP: | Corrosi | a | ₹, | | | Potentia | | | | | |
| 1. 6HZY-03 | rb/jenA | | | CM | | | | | | 1 | | | ш | | F | | | | 1 | | | | | | | | |
| 2. 6424-103 | 1 | 11;55AM | | | TAN EST | | | 10.34 | | / | 1 | | | | | | 1. | | \ | | | | | | | | |
| 3. BIT 24 - 04 | V | 10:20 PM | 9 | V | 2416 51 | | | | | | | | 100 | | | | | / | 1 | | | _ | | | | | |
| 4. FIELD BLANK | | 13:00 AM | | | PHCFI | 8 BTex only | | | | 1 | | | | Ш | | | | | | | | | | | | | |
| Trit Brank | 1 | | | | V | | | | | | | | | | - | | | | | | | - | | | | | |
| 7. | | | | | | | | - | | - | | | - | Н | | | | | | | | | | | | | |
| <i>I</i> . | | | | | | | | | | | | | | Н | | | | | | | | - | | | | | |
| 9 | | | | | | | | | | - | | - | - 100 | Н | | | | H | | | | - | | | | | |
| | | | | | | | | 2 5 | | | | - | | H | | | | H | | | | - | | | | | |
| | | | | | | | | | | | | | | \vdash | | | | | | | | - | | | | | |
| 5. Tris Blank 6. 7. 8. 9. 10. 11. Samples Reinquished By (Print Name and Sign): | 7 | AM PM PM AM PM AM PM AM PM AM PM AM PM AM PM PM | 3 | 2110 | Samples Received By (I | | | | | \ | [2, | 100 N | 20 | Tin | 3h.70 | D) | | | | | | | | | | | |

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