



FINAL

Phase II Environmental Site Assessment

Dixie Outlet Mall – 1250 South Service Road & 1490 Dixie Road
Mississauga, Ontario

Prepared for:

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and

**Choice Properties Limited
Partnership**

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September 28, 2021

Pinchin File: 294348



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EXECUTIVE SUMMARY

Pinchin Ltd. (Pinchin) was retained through an Authorization to Proceed, Limitation of Liability and Terms of Engagement signed by SCREO I Dixie Outlet Mall LP and Choice Properties Limited Partnership (Client) to conduct a Phase Two Environmental Site Assessment (ESA) of Dixie Outlet Mall located at 1250 South Service Road and 1490 Dixie Road in Mississauga, Ontario (hereafter referred to as the Site).

The Site consists of two legal parcels comprising the property referred to as the Dixie Outlet Mall. The first parcel (Parcel A) is developed with the north and west portions of the mall building (Site Building A), a Burger King restaurant (Site Building B) and asphalt parking/driveways and landscaped areas, encompassing a total area of approximately 15.5 hectares. The second parcel (Parcel B) includes the east portion of Site Building A (occupied by a No Frills grocery store and a retail unit), asphalt parking/driveways and landscaped areas, encompassing a total area of approximately 4.2 hectares.

Pinchin understands that the Client intends to redevelop the Site into a mixed commercial/residential land use with parkland areas, public streets, and private roads. Given that this involves a change to a more sensitive property use (i.e., residential/parkland), the filing of a Record of Site Condition (RSC) with the Ontario Ministry of the Environment, Conservation and Parks (MECP) is mandatory under Ontario Regulation 153/04 (O. Reg. 153/04). As such, the purpose of this work was to address potential issues of environmental concern identified during a Phase One ESA conducted by Pinchin in relation to the potential redevelopment of the Site; however, the Client has requested a non-regulatory Phase II ESA report to summarize initial findings of the Phase Two ESA work completed at the Site.

The results of the draft Phase One ESA completed by Pinchin identified 23 potentially contaminating activities (PCAs) at the Phase One Property (i.e., on-Site) and two off-Site PCAs that have resulted in a total of 25 areas of potential environmental concern (APECs) at the Phase One Property. It is Pinchin's opinion that these 25 PCAs may have impacted soil and groundwater quality at the Phase One Property which will require investigation through completion of a Phase Two ESA before an RSC can be filed.

The Phase II ESA work was completed at the Site by Pinchin between June 14 and July 13, 2021 and consisted of the advancement of 30 boreholes, 18 of which were completed as groundwater monitoring wells.



Select “worst case” soil samples collected during the borehole drilling program were submitted for laboratory analysis of volatile organic compounds (VOCs) including benzene, toluene, ethylbenzene and xylenes (collectively referred to as BTEX), petroleum hydrocarbons (PHCs) in the F1 to F4 fraction ranges (F1-F4), polycyclic aromatic hydrocarbons (PAHs), polychlorinated biphenyls (PCBs), organochlorine pesticides (OCPs) and/or metals and inorganics. Groundwater samples collected from the newly installed and previously installed monitoring wells were submitted for laboratory analysis of VOCs, PHCs (F1-F4), PAHs, and/or metals and inorganics.

Based on Site-specific information, the soil and groundwater quality within the southern portion of the site identified as area of natural significance, including areas within 30 meters of the area of natural significance was assessed based on the MECP *Table 1 Standards* for residential/parkland/institutional/industrial/commercial/community land use. The soil and groundwater quality within the remaining area of the Site was assessed based on the MECP *Table 3 Standards* for residential/parkland/institutional land use and coarse-textured soil.

Soil samples submitted for analysis of VOCs, PHCs (F1-F4), PAHs, PCBs, and/or metals and inorganics from the boreholes within the area of natural significance and/or 30 metres of the area of natural significance met the *Table 1 Standards*, except for samples collected from MW21-20 and MW21-28 which reported concentrations/values of one or more of tetrachloroethylene (PCE), electrical conductivity (EC) and/or sodium adsorption ratio (SAR) exceeding their respective *Table 1 Standards*.

Soil samples submitted for analysis of VOCs, PHCs (F1-F4), PAHs, PCBs, OCPs, metals and/or inorganics from boreholes greater than 30m from the area of natural significance met the *Table 3 Standards*, except for samples collected from MW21-12, MW21-13, MW21-14, MW21-24 and BH21-26 which reported concentrations/values of one or more of PCE, boron (hot water soluble), EC and/or SAR exceeding their respective *Table 3 Standards*.

Groundwater samples submitted for analysis of VOCs, sodium and/or chloride from the monitoring wells within the area of natural significance and/or 30 metres of the area of natural significance met the *Table 1 Standards*, except for samples collected from MW14-10, MW15-2, MW16-7, MW21-20, MW21-21, MW21-28, and MW21-29 which reported concentrations of one or more of cis-1,2-dichloroethylene (DCE), trichloroethylene (TCE), PCE, vinyl chloride (VC), sodium, and/or chloride exceeding their respective *Table 1 Standards*.



Groundwater samples submitted for analysis of VOCs, PHCs (F1-F4), PAHs, metals and/or inorganics from monitoring wells greater than 30m from the area of natural significance met the *Table 3 Standards*, except for samples collected from MW14-2, MW14-7, MW15-4, MW16-4, MW16-5, MW17-2, MW17-3, MW17-4, MW17-5, and MW21-13 which reported concentrations of one or more of chloroform, cis-1,2-DCE, trans-1,2-DCE, PCE, TCE and/or VC exceeding their respective *Table 3 Standards*.

Previous environmental investigations had identified two "Update Environmental Risk Areas", associated with the historical on-Site dry cleaners located in the northern (Area A) and southern (Area B) portions of Site Building A. Groundwater VOC impacts were identified in these approximate areas as a result of this Phase II ESA. However, based on the identification of VOC groundwater impacts outside of Area A or Area B in the southern portion of the Site, Pinchin has designated that area as Area B2. The locations of Area A, Area B and Area B2 are provided on Figure 2. A discussion of the findings particular to each area is provided below:

- Area A: groundwater VOC impacts were identified in monitoring well MW14-2 and are understood to be the result of the historical dry cleaners formerly located in the northern portion of Site Building A;
- Area B: groundwater VOC impacts were identified in monitoring wells MW14-7, MW15-4, MW16-4, MW16-5, MW16-7, MW17-2, MW17-3, MW17-4, MW17-5, MW21-13 and MW21-28 and are understood to be the result of the historical dry cleaners formerly located in the southern portion of Site Building A; and
- Area B2: groundwater impacts were identified in monitoring wells MW14-10, MW21-21 and MW21-29 and understood to potentially be the result of impact migration downgradient of the historical dry cleaners formerly located in the southern portion of Site Building A.

Based on the findings of this Phase II ESA, Pinchin recommends further investigation work to delineate the soil and groundwater impacts as identified above.

This Executive Summary is subject to the same standard limitations as contained in the report and must be read in conjunction with the entire report.



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SCREO I Dixie Outlet Mall LP and Choice Properties Limited Partnership

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1.0 INTRODUCTION

Pinchin Ltd. (Pinchin) was retained through an Authorization to Proceed, Limitation of Liability and Terms of Engagement signed by SCREO I Dixie Outlet Mall LP (Client) to conduct a Phase Two Environmental Site Assessment (ESA) of Dixie Outlet Mall located at 1250 South Service Road and 1490 Dixie Road in Mississauga, Ontario (hereafter referred to as the Site). The Site location is shown on Figure 1 (all Figures are provided in Appendix I).

The Site consists of two legal parcels comprising the property referred to as the Dixie Outlet Mall. The first parcel (Parcel A) is developed with the north and west portions of the mall building (Site Building A), a Burger King restaurant (Site Building B) and asphalt parking/driveways and landscaped areas, encompassing a total area of approximately 15.5 hectares. The second parcel (Parcel B) includes the east portion of Site Building A (occupied by a No Frills grocery store and a retail unit), asphalt parking/driveways and landscaped areas, encompassing a total area of approximately 4.2 hectares.

Pinchin understands that the Client intends to redevelop the Site into a mixed commercial/residential land use with parkland areas, public streets, and private roads. Given that this involves a change to a more sensitive property use (i.e., residential/parkland), the filing of a Record of Site Condition (RSC) with the Ontario Ministry of the Environment, Conservation and Parks (MECP) is mandatory under Ontario Regulation 153/04 (O. Reg. 153/04). As such, the purpose of this work was to address potential issues of environmental concern identified during a Phase One ESA conducted by Pinchin in relation to the potential redevelopment of the Site; however, the Client has requested a non-regulatory Phase II ESA report to summarize initial findings of the Phase Two ESA work completed at the Site.

This Phase II ESA was completed in general accordance with the Canadian Standards Association document entitled "*Phase II Environmental Site Assessment, CSA Standard Z769-00 (R2018)*", dated 2000 and reaffirmed in 2018.

1.1 Background

In order to support the filing of the RSC, a Phase One ESA was completed by Pinchin in accordance with O. Reg. 153/04, the findings of which are provided in the draft report entitled "*Phase One Environmental Site Assessment, 1250 South Service Road and 1490 Dixie Road, Mississauga, Ontario*", dated July 28, 2020. Based on the findings of our Phase One ESA and further review of available information, Pinchin identified 23 potentially contaminating activities (PCAs) at the Phase One Property (i.e., on-Site) and two off-Site PCAs that have resulted in a total of 25 areas of potential environmental concern (APECs) at the Phase One Property.

It is Pinchin's opinion that these 25 PCAs may have impacted soil and groundwater quality at the Phase One Property which will require investigation through completion of a Phase Two ESA before an RSC can be filed.



1.2 Scope of Work

The scope of work completed by Pinchin, as outlined in the Pinchin proposal entitled *“Proposal for Phase Two Environmental Site Assessment”* submitted to the Client on June 4, 2021, included the following:

- Advancement of 30 boreholes following the clearance of underground services, 18 of which were instrumented with a monitoring well;
- Submission of select “worst case” soil samples for laboratory analysis of volatile organic compounds (VOCs) including benzene, toluene, ethylbenzene and xylenes (collectively referred to as BTEX), petroleum hydrocarbons (PHCs) in the F1 to F4 fraction ranges (F1-F4), polycyclic aromatic hydrocarbons (PAHs), polychlorinated biphenyls (PCBs), organochlorine pesticides (OCPs), metals and/or inorganic parameters;
- Collection of groundwater samples from each of the newly installed monitoring wells and select previously installed monitoring wells, following well development and purging, for laboratory analysis of VOCs, PHCs (F1-F4), PAHs, metals and/or inorganic parameters;
- Comparison of the soil and groundwater laboratory analytical results to the applicable regulatory criteria; and
- Preparation of a factual report detailing the findings of the Phase II ESA and recommendations.

The scope of work described in the Pinchin proposal included 28 boreholes, 16 of which were to be instrumented with a monitoring well; however, during the Phase II ESA, two additional boreholes were added to the investigation, both of which were instrumented with a monitoring well. These investigation areas were added in order to investigate the identified PCAs.

2.0 METHODOLOGY

The investigation methodology was conducted in general accordance with the Ontario Ministry of the Environment, Conservation and Parks (MECP) document entitled *“Guidance on Sampling and Analytical Methods for Use at Contaminated Sites in Ontario”* dated December 1996 (*MECP Sampling Guideline*), the Association of Professional Geoscientists of Ontario document entitled *“Guidance for Environmental Site Assessments under Ontario Regulation 153/04 (as amended)”*, dated April 2011 (*APGO Guideline*) and Pinchin’s standard operating procedures (SOPs).

In addition, Pinchin’s SOP for groundwater sampling using low-flow purging and sampling procedures follows the United States Environmental Protection Agency Region I document entitled *“Low Stress (Low Flow) Purging and Sampling Procedure for the Collection of Groundwater Samples from Monitoring Wells”* dated January 19, 2010 (*Low Flow Sampling Protocol*).



2.1 Borehole Investigation

Pinchin retained Strata Drilling Group (Strata) to complete the borehole drilling program at the Site between June 14 and June 23, 2021 following the clearance of underground services in the vicinity of the work area by public utility locators and a private utility locator retained by Pinchin. Strata is licensed by the MECP in accordance with Ontario Regulation 903 (as amended) to undertake borehole drilling/well installation activities.

The interior boreholes were advanced to a maximum depth of 4.88 metres below floor surface (mbfs) using a Geoprobe 420M. The exterior boreholes were advanced to a maximum depth of 14.33 metres below ground surface (mbgs) using a Geoprobe 7822 DT or Geoprobe 3230 DT direct push drill rig. Soil samples were collected at continuous intervals using 5.71 centimetre (cm) outer diameter (OD) direct push soil samplers with dedicated single-use sample liners. Discrete soil samples were collected from the single-use liners and containerized in laboratory-supplied glass sampling jars.

Borehole MW21-17 was advanced by first augering to competent bedrock at 7.47 mbgs. A 15-cm OD polyvinyl chloride (PVC) casing was then placed in the borehole, grouted and allowed to set. Down-hole-hammer tooling was then used to advance through competent bedrock to the borehole completion depth of 14.33 mbgs.

Subsurface soil conditions were logged on-Site by Pinchin personnel at the time of drilling. Soil samples were examined for visual and olfactory evidence of impacts and a portion of each sample was analyzed in the field for VOC and petroleum-derived vapour concentrations in soil headspace using a photoionization detector (PID) and a hydrocarbon surveyor operated in methane elimination mode (RKI Eagle 2).

The locations of the boreholes are shown on Figure 2 and a description of the subsurface stratigraphy encountered during the drilling program is documented in the borehole logs included in Appendix II.

2.2 Monitoring Well Installation

Groundwater monitoring wells were installed in boreholes MW21-02 to MW21-05, MW21-11 to MW21-17, MW21-19 to MW21-21, MW21-25, MW21-28 to MW21-30 to enable groundwater monitoring and sampling. All newly installed monitoring wells were constructed with 5.1 cm inner diameter (ID) flush-threaded Schedule 40 PVC risers, followed by a length of 5.1 cm ID No. 10 slot PVC with the exception of MW21-14. Groundwater monitoring well MW21-14 was constructed with 3.8 cm ID flush-threaded Schedule 40 PVC risers, followed by a length of 3.8 cm ID No. 10 slot PVC.

Each well screen was sealed at the bottom using a threaded cap and each riser was sealed at the top with a lockable J-plug cap. Silica sand was placed around and above the screened interval to form a filter pack around the well screen. A layer of bentonite was placed above the silica sand and was extended to just below the ground surface. A protective flush-mount cover was installed at the ground surface over each riser pipe and outer casing and cemented in place.



The locations of the monitoring wells are shown on Figure 2. The monitoring well construction details are shown on the borehole logs included in Appendix II and on Table 2 in Appendix III (all Tables are provided within Appendix III).

2.3 Groundwater Monitoring

The water levels within the monitoring wells were measured between July 2 through 12, 2021 using an interface probe. The presence/absence of non-aqueous phase liquid (NAPL) was also assessed during groundwater monitoring using the interface probe.

2.4 Sampling and Laboratory Analysis

2.4.1 Soil

Up to two most apparent “worst case” soil samples, based on vapour concentrations as well as visual and/or olfactory considerations and contaminant characteristics, recovered from each borehole was submitted for laboratory analysis of VOCs, PHCs (F1-F4), PAHs, PCBs, OCPs and/or metals and inorganics. Additional soil samples were also submitted for vertical delineation of identified soil impacts from select boreholes.

In addition, representative soil samples were submitted for pH analysis and grain size distribution analysis to confirm the Site Condition Standards applicable to the Site as provided in the MECP document entitled “*Soil, Ground Water and Sediment Standards for Use Under Part XV.1 of the Environmental Protection Act*”, dated April 15, 2011 (*MECP Standards*). A composite sample of the excess soil generated by the borehole drilling program was also submitted for analysis of leachate concentrations of inorganics, and VOCs in accordance with the Toxicity Characteristic Leaching Procedure (TCLP) procedure as per Ontario Regulation 347 (as amended) to characterize the soil cuttings for possible off-Site disposal purposes.

The borehole locations are shown on Figure 2. Table 1 provides a summary of the soil samples submitted for laboratory analysis.

2.4.2 Groundwater

On June 22, 24, 25, 28, 29, 30 and July 10, 2021, all newly installed groundwater monitoring wells and existing groundwater monitoring wells MW-2, MW09-1, MW09-5, MW14-2, MW14-3, MW14-4, MW14-7, MW14-9, MW14-10, MW14-11, MW16-2, MW16-3, MW16-4, MW16-5, MW17-4, MW17-5, BH/MW101, BH/MW102, and BH/MW103 were developed by purging to dryness three to five times or removing three to five well casing volumes in accordance with Pinchin’s SOPs.



Between July 2 and July 13, 2021 newly installed groundwater monitoring wells MW21-11, MW21-12, MW21-14, MW21-17, MW21-19, MW21-20, MW21-25, MW21-28, MW21-29 and existing monitoring wells MW-2, MW09-5, MW14-3, MW14-8, MW14-9, MW14-10, MW14-11, MW14-12, MW15-2, MW15-4, MW15-5, MW15-6, MW16-2, MW16-3, MW16-4, MW16-5, MW16-7, MW17-1, MW17-5, and MW102 were purged and sampled using a bladder pump per Pinchin's SOPs for low flow purging and sampling. The groundwater samples collected from these monitoring wells were submitted for laboratory analysis of VOCs, PHCs (F1-F4), PAHs, and/or metals and inorganics.

Between July 2 and July 13, 2021 newly installed groundwater monitoring wells MW21-02, MW21-03, MW21-04, MW21-05, MW21-13, MW21-15, MW21-16, MW21-21, MW21-30 and existing monitoring wells MW09-1, MW14-2, MW14-4, MW14-6, MW14-17, MW17-2, MW17-3, MW17-4, MW101, and MW103 were purged and sampled using Pinchin's SOPs. Where water levels at these monitoring wells could not be stabilized during low flow groundwater sampling or poor water recovery was observed during development of the groundwater monitoring wells. The groundwater samples collected from these monitoring wells were submitted for laboratory analysis of VOCs, PHCs (F1-F4), PAHs and/or metals and inorganics. Samples collected for metals analysis were filtered in the field using dedicated 0.45-micron in-line filters prior to preservation.

All monitoring well development activities were conducted using dedicated inertial pumps comprised of Waterra polyethylene tubing and foot valves and/or dedicated, disposable PVC bailers. Following pre-sampling purging with dedicated inertial pumps and/or disposable PVC bailers, sampling for PHCs (F2-F4) and/or PAHs was conducted using a peristaltic pump and dedicated polyethylene tubing. Sampling for VOCs, PHCs (F1) and metals and/or inorganics was then conducted using dedicated inertial pumps.

The monitoring well locations are shown on Figure 2. Table 1 provides a summary of the groundwater samples submitted for laboratory analysis.

2.4.3 Analytical Laboratory

Selected soil and groundwater samples were delivered to Bureau Veritas Laboratories (BV Labs) in Mississauga, Ontario for analysis. BV Labs is an independent laboratory accredited by the Standards Council of Canada and the Canadian Association for Laboratory Accreditation. Formal chain of custody records of the sample submissions were maintained between Pinchin and the staff at BV Labs.

2.5 QA/QC Protocols

Various quality assurance/quality control (QA/QC) protocols were followed during the Phase II ESA work to ensure that representative samples were obtained and that representative analytical data were reported by the laboratory.



Field QA/QC protocols that were employed by Pinchin included the following:

- Soil samples were extracted from the interior of the sampling device (where possible), rather than from areas in contact with the sampler walls to minimize the potential for cross-contamination;
- Soil and groundwater samples were placed in laboratory-supplied glass sample jars;
- The monitoring wells were developed following installation and were purged to remove stagnant water prior to sample collection so that representative groundwater samples could be obtained. Dedicated purging and sampling equipment was used for monitoring well development, purging and sampling to minimize the potential for cross-contamination;
- Soil and groundwater samples were placed in coolers on ice immediately upon collection, with appropriate sample temperatures maintained prior to submission to the laboratory;
- Dedicated and disposable nitrile gloves were used for sample handling;
- Non-dedicated monitoring and sampling equipment (e.g., interface probe, bladder pump) was cleaned before initial use and between uses to minimize the potential for cross-contamination by washing with an Alconox™/potable water mixture followed by a distilled water rinse; and
- Sample collection and handling procedures were performed in general accordance with the *MECP Sampling Guideline*, the *APGO Guideline* and Pinchin's SOPs for Phase II ESAs.

BV Labs' internal laboratory QA/QC consisted of the analysis of laboratory duplicate, method blank, matrix spike and spiked blank samples, an evaluation of relative percent difference (RPD) calculations for laboratory duplicate samples, and an evaluation of surrogate recoveries.

2.5.1 Field Duplicate Samples

In addition to the above QA/QC measures, Pinchin also collected a total of 14 field duplicate soil and groundwater samples during the Phase II ESA for analysis to assess the suitability of field sampling methods and laboratory performance. The field duplicate samples were collected immediately following collection of the regular samples. The frequency of field duplicate soil and groundwater sample analysis complied with the requirement that one field duplicate soil and groundwater sample is analyzed for every ten regular soil and/or groundwater samples submitted for analysis. The field duplicate pairings and corresponding analytical parameters are summarized as follows:

- Soil sample MW21-29-3 and its corresponding field duplicate DUP01-062121 were submitted for laboratory analysis of pH;



- Soil sample MW21-12 S1 and its corresponding field duplicate DUP2-170621 were submitted for laboratory analysis of BTEX, PHCs (F1-F4), PAHs, and metals and inorganics;
- Soil sample MW21-13 S6 and its corresponding field duplicate DUP1-160621 were submitted for laboratory analysis of VOCs;
- Soil sample MW21-14 S6 and its corresponding field duplicate DUP2-160621 were submitted for laboratory analysis of VOCs, PHCs (F1-F4), and PAHs;
- Soil sample BH21-18-1 and its corresponding field duplicate DUP01-062221 were submitted for laboratory analysis of PCBs;
- Soil sample MW21-19 S5 and its corresponding field duplicate DUP1-170621 were submitted for laboratory analysis of VOCs, PHCs (F1-F4), and PAHs;
- Soil sample BH21-24 S1 and its corresponding field duplicate DUP202106235 were submitted for laboratory analysis of PCBs, OCPs, metals and inorganics, and pH;
- Groundwater sample MW09-5 and its corresponding field duplicate DUP2-090721 were submitted for laboratory analysis of VOCs, PHCs (F1-F4) and PAHs;
- Groundwater sample MW15-5 and its corresponding field duplicate DUP03-070921 were submitted for laboratory analysis of VOCs;
- Groundwater sample MW21-11 and its corresponding field duplicate DUP02-070521 were submitted for laboratory analysis of metals and inorganics;
- Groundwater sample MW21-17 and its corresponding field duplicate DUP01-070921 were submitted for laboratory analysis of VOCs;
- Groundwater sample MW21-19 and its corresponding field duplicate DUP1-080721 were submitted for laboratory analysis of VOCs;
- Groundwater sample MW21-25 and its corresponding field duplicate DUP2 08072021 were submitted for laboratory analysis of sodium and chloride; and
- Groundwater sample MW21-29 and its corresponding field duplicate DUP01-070521 were submitted for laboratory analysis of VOCs.

The quality of the analytical results was evaluated by calculating the RPD for the original and field duplicate samples. The RPDs were calculated using the following equation:

$$RPD = \frac{(\text{Original Concentration} - \text{Duplicate Concentration}) \times 100}{(\text{Original Concentration} + \text{Duplicate Concentration})/2}$$



RPDs were not calculated unless the parameter concentration in both the original and duplicate sample had detectable concentrations above the corresponding practical quantitation limit (PQL) for the parameter, which is equal to five times the lowest laboratory RDL.

The calculated RPDs for the original and field duplicate soil and groundwater samples have been compared to performance standards provided in the MECP document entitled *"Protocol for Analytical Methods Used in the Assessment of Properties under Part XV.1 of the Environmental Protection Act"* dated March 9, 2004 and revised on July 1, 2011 (*Analytical Protocol*). Pinchin notes that although these performance standards only strictly apply to laboratory duplicate samples, they have been considered suitable for comparison to the field duplicate soil and groundwater sample results as well. If calculated RPD values are greater than the performance standards, further assessment is required of the apparent lack of precision of the analytical results and the effect, if any, on the interpretation of the analytical results. This assessment may include a review of analytical laboratory quality control, reporting errors, and field sampling methods.

2.5.2 Blank Samples

Six trip blanks, consisting of VOC-free water contained within a set of VOC/PHC (F1) sample vials, was prepared by BV Labs. The trip blank accompanied the VOC and/or PHC (F1) sample containers during transportation to and from the Site and was stored in a cooler with the VOC and/or PHC (F1) groundwater samples in the field. The trip blanks were submitted for VOC and/or PHC (F1) analysis to assess whether ambient conditions during transport of the groundwater sample containers from the analytical laboratory to the Site and back to the analytical laboratory and in the field may have biased the groundwater sample results with respect to volatile constituents.

2.6 Ontario Water Well Records

Ontario Regulation 903 (as amended) requires that all wells installed to depths greater than 3.0 mbgs have a water well record completed by a licensed well technician. The owner of the monitoring well must keep the water well record on file for a period of two years and the monitoring wells must be decommissioned as per Ontario Regulation 903 (as amended) if monitoring wells are no longer in use. Strata is a licensed well driller under Ontario Regulation 903 (as amended) and submitted a water well record to the MECP and the Client to fulfill the requirements of Ontario Regulation 903 (as amended).

2.7 Site Condition Standards

The Site is a commercial property located within the City of Mississauga and the proposed future land use is a mixed commercial/residential land use.



Section 41 of O. Reg. 153/04 states that a property is classified as an “environmentally sensitive area” if the pH of the surface soil (less than or equal to 1.5 mbgs) is less than 5 or greater than 9, if the pH of the subsurface soil (greater than 1.5 mbgs) is less than 5 or greater than 11, or if the property is an area of natural significance or is adjacent to or contains land within 30 metres of an area of natural significance. A total of 14 representative soil samples (including two field duplicate samples) collected from the boreholes advanced at the Site were submitted for pH analysis. The pH analytical results are summarized in Table 3A and Table 3B. The pH values measured in the submitted soil samples were within the pH range for non-sensitive sites, except for soil sample BH21-24 S1 collected from borehole BH 21-24 and its field duplicate sample DUP202106235 which had pH values of 9.1 and 10.5 respectively. Additional soil sampling in the vicinity of borehole BH21-24 will be required to verify these pH values.

A portion of the Site within the southern extent is an area of natural significance. As such, the on-Site area of natural significance and areas within 30 metres of the area of natural significance is an environmentally sensitive area, the extent of which is identified on Figure 2.

Six representative soil samples collected from the boreholes advanced at the Site were submitted for 75 micron single-sieve grain size analysis. Based on the results of this analysis, the soil at the Site is interpreted to be coarse-textured for the purpose of selecting the appropriate *MECP Standards*.

The pH and grain size analytical results are summarized in Table 3A and Table 3B.

Based on the above, the appropriate Site Condition Standards for the Site within the area of natural significance and areas within 30 metres of the area of natural significance are:

- “Table 1: Full Depth Background Site Condition Standards”, provided in the *MECP Standards (Table 1 Standards)* for:
 - Residential/parkland/institutional/industrial/commercial/community property use.

Based on the above, the appropriate Site Condition Standards for the Site excluding the 30 metres distance of the area of natural significance are:

- “Table 3: Full Depth Generic Site Condition Standards for Use in a Non-Potable Ground Water Condition”, provided in the *MECP Standards (Table 3 Standards)* for:
 - Coarse-textured soils; and
 - Residential/parkland/institutional property use.

As such, the analytical results have been compared to these *Table 1 Standards* for the area within the area of natural significance and areas within 30 metres of the area of natural significance and *Table 3 Standards* for the remainder of the Site.



3.0 RESULTS

3.1 Site Geology and Hydrogeology

Based on the soil samples recovered during the borehole drilling program, the soil stratigraphy at the interior drilling locations below the concrete generally consists of fill material comprised of sand with trace gravel and occasional debris (wood, brick and/or coal-like fragments) to depths between approximately 0.25 and 0.76 mbfs. Native subsurface material underlying the fill material at the interior locations was observed to generally consist of sand, gravelly sand, silty sand, clayey silt, silty clay, clay and weathered that extended to the maximum borehole completion depth of 4.88 mbfs.

Based on the soil samples recovered during the borehole drilling program, the soil stratigraphy at the exterior drilling locations below the grass/asphalt surface generally consists of fill material comprised of sand, sand and gravel, gravel, silty sand, and sandy silt with occasional debris (wood and/or brick fragments) to depths between approximately 0.05 and 1.52 mbgs. Native subsurface material underlying the fill material at the exterior locations was observed to generally consist of sand, gravelly sand, silty sand, sandy silt, sandy clayey silt, clayey silt, silt, silty clay and weathered shale that extended to a maximum depth of 7.47 mbgs. Competent bedrock was identified beginning at 7.47 mbgs at one borehole location (MW21-17) and is inferred to continue to the maximum borehole depth of 14.33 mbgs.

Moist to wet soil conditions were generally observed between ground/floor surface and 7.47 mbgs.

A detailed description of the subsurface stratigraphy encountered during borehole advancement is documented in the borehole logs located in Appendix II.

The water level information obtained during groundwater monitoring is presented in Table 4 and on the borehole logs in Appendix II. The results of NAPL monitoring activities are presented in Table 5. The depth to groundwater measured within the interior monitoring wells ranged from 0.36 mbfs at monitoring well MW14-7 to 2.96 mbfs at monitoring well MW21-16 on July 8 through 11, 2021. The depth to groundwater measured within the exterior monitoring wells ranged from 0.88 mbgs at monitoring well MW15-2 to 4.31 mbgs at monitoring well MW14-8 on July 8 through 12, 2021, respectively. The depth to groundwater measured within the bedrock monitoring well (MW21-17) was measured at 8.08 mbgs on July 9, 2021.

Applewood Creek is located along the southern border of the Site and discharges into Lake Ontario which is located approximately 3 km southeast of the Site. The topography of the Site and surrounding area generally flat with a slight grade downwards towards the southeast. Groundwater flow at the Site is inferred to be towards the southeast based on the topography of the Site area and the location of Applewood Creek and Lake Ontario.



3.2 Soil Headspace Vapour Concentrations

Vapour concentrations measured in the headspace of soil samples collected during the drilling investigation are presented on the borehole logs in Appendix II and ranged from 0 parts per million by volume (ppmv) to a maximum of 190 ppmv in soil sample MW21-04 S1 collected at a depth of 0.15 to 0.46 mbfs in borehole MW21-04.

3.3 Field Observations

No odours or staining were observed in the soil samples collected during the borehole drilling program.

No odours or evidence of NAPL were observed during groundwater monitoring and sampling.

3.4 Analytical

3.4.1 Soil

As indicated in Table 3A reported concentrations of VOCs, PHCs (F1-F4), PAHs, PCBs, OCPs, and metals and inorganics in the soil samples submitted for analysis met the *Table 1 Standards*, with the following exceptions:

- Soil sample MW21-20 S1 collected at borehole MW21-20 exceeded the *Table 1 Standards* for electrical conductivity (EC) (1.6 millisiemens/centimetre (mS/cm) vs. the *Table 1 Standard* of 0.57 mS/cm), and sodium adsorption ratio (SAR) (51 vs. the *Table 1 Standard* of 2.4);
- Soil sample MW21-20 S5 collected at borehole MW21-20 exceeded the *Table 1 Standards* for EC (2 mS/cm vs. the *Table 1 Standard* of 0.57 mS/cm) and SAR (11 vs. the *Table 1 Standard* of 2.4); and
- Soil sample MW21-28 S4 collected at borehole MW21-28 exceeded the *Table 1 Standards* for tetrachloroethylene (PCE) (0.052 micrograms per gram (µg/g) vs. the *Table 1 Standard* of 0.05 µg/g).

As indicated in Table 3B reported concentrations of VOCs, PHCs (F1-F4), PAHs, PCBs, OCPs, and metals and inorganics in the soil samples submitted for analysis met the *Table 3 Standards*, with the following exceptions:

- Soil sample MW21-12 S1 collected at borehole MW21-12 exceeded the *Table 3 Standards* for EC (1.0 mS/cm vs. the *Table 3 Standard* of 0.7 mS/cm), and SAR (29 vs. the *Table 3 Standard* of 5);
- Soil sample MW21-13 S6 collected at borehole MW21-13 exceeded the *Table 3 Standards* for PCE (0.85 µg/g vs. the *Table 3 Standard* of 0.28 µg/g);



- Soil sample MW21-14 S1 collected at borehole MW21-14 exceeded the *Table 3 Standards* for EC (0.72 mS/cm vs. the *Table 3 Standard* of 0.7 mS/cm);
- Soil sample BH21-24 S1 collected at borehole MW21-24 exceeded the *Table 3 Standards* for hot water soluble boron (1.8 µg/g vs. the *Table 3 Standard* of 1.5 µg/g);
- Soil sample BH21-26 S1 collected at borehole BH21-26 exceeded the *Table 3 Standards* for EC (1.1 mS/cm vs. the *Table 3 Standard* of 0.7 mS/cm), and SAR (28 vs. the *Table 3 Standard* of 5); and
- Soil sample BH21-26 S2 collected at borehole BH21-26 exceeded the *Table 3 Standards* for PCE (0.46 µg/g vs. the *Table 3 Standard* of 0.28 µg/g).

The summary of the TCLP analytical results along with the leachate quality criteria listed in Schedule 4 of Ontario Regulation 347 (as amended) (*Schedule 4 Criteria*) can be found in Table 6

As indicated in Table 6 the leachate concentrations in the soil sample were below the applicable *Schedule 4 Criteria*. Based on these findings, the excess soil generated by the borehole drilling program is suitable for off-Site disposal as non-hazardous solid waste.

The laboratory Certificates of Analysis for the soil samples are provided in Appendix IV.

The soil impacts described above are shown on Figures 3A through 3C.

3.4.2 Groundwater

As indicated in Table 7A, reported concentrations of VOCs, sodium and/or chloride in the groundwater samples submitted for analysis met the *Table 1 Standards*, with the following exceptions:

- The groundwater sample collected from monitoring well BH/MW101 exceeded the *Table 1 Standards* for sodium (900,000 micrograms per litre (µg/L) vs. the *Table 1 Standard* of 490,000 µg/L) and chloride (1,600,000 µg/L vs. the *Table 1 Standard* of 790,000 µg/L);
- The groundwater sample collected from monitoring well BH/MW102 exceeded the *Table 1 Standards* for sodium (950,000 µg/L vs. the *Table 1 Standard* of 490,000 µg/L) and chloride (1,500,000 µg/L vs. the *Table 1 Standard* of 790,000 µg/L);
- The groundwater sample collected from monitoring well BH/MW103 exceeded the *Table 1 Standards* for sodium (1,100,000 µg/L vs. the *Table 1 Standard* of 490,000 µg/L) and chloride (1,300,000 µg/L vs. the *Table 1 Standard* of 790,000 µg/L);
- The groundwater sample collected from monitoring well MW14-10 exceeded the *Table 1 Standards* for cis-1,2-dichloroethylene (DCE) (2.2 µg/L vs. the *Table 1 Standard* of 1.6 µg/L) and trichloroethylene (TCE) (1.3 micrograms per litre (µg/L) vs. the *Table 1 Standard* of 0.5 µg/L);



- The groundwater sample collected from monitoring well MW15-2 exceeded the *Table 1 Standards* for sodium (1,800,000 µg/L vs. the *Table 1 Standard* of 490,000 µg/L) and chloride (2,800,000 µg/L vs. the *Table 1 Standard* of 790,000 µg/L);
- The groundwater sample collected from monitoring well MW16-7 exceeded the *Table 1 Standards* for PCE (2.7 µg/L vs. the *Table 1 Standard* of 0.5 µg/L);
- The groundwater sample collected from monitoring well MW21-20 exceeded the *Table 1 Standards* for sodium (4,000,000 µg/L vs. the *Table 1 Standard* of 490,000 µg/L) and chloride (5,800,000 µg/L vs. the *Table 1 Standard* of 790,000 µg/L);
- The groundwater sample collected from monitoring well MW21-21 exceeded the *Table 1 Standards* for cis-1,2-DCE (2.5 µg/L vs. the *Table 1 Standard* of 1.6 µg/L), and vinyl chloride (VC) (0.53 µg/L vs. the *Table 1 Standard* of 0.5 µg/L);
- The groundwater sample collected from monitoring well MW21-25 exceeded the *Table 1 Standards* for chloride (870,000 µg/L vs. the *Table 1 Standard* of 790,000 µg/L);
- The groundwater sample collected from monitoring well MW21-28 exceeded the *Table 1 Standards* for PCE (5.7 µg/L vs. the *Table 1 Standard* of 0.5 µg/L); and
- The groundwater sample collected from monitoring well MW21-29 exceeded the *Table 1 Standards* for cis-1,2-DCE (5.4 µg/L vs. the *Table 1 Standard* of 1.6 µg/L), and VC (2.1 µg/L vs. the *Table 1 Standard* of 0.5 µg/L).

As indicated in Table 7B, reported concentrations of VOCs, PHCs (F1-F4), PAHs, and metals and inorganics in the groundwater samples submitted for analysis met the *Table 3 Standards*, with the following exceptions:

- The groundwater sample collected from monitoring well MW14-2 exceeded the *Table 3 Standards* for cis-1,2-dichloroethylene (DCE) (6.8 µg/L vs. the *Table 3 Standard* of 1.6 µg/L);
- The groundwater sample collected from monitoring well MW14-7 exceeded the *Table 3 Standards* for PCE (42 µg/L vs. the *Table 3 Standard* of 1.6 µg/L);
- The groundwater sample collected from monitoring well MW15-4 exceeded the *Table 3 Standards* for PCE (240 µg/L vs. the *Table 3 Standard* of 1.6 µg/L), and TCE (12 µg/L vs. the *Table 3 Standard* of 1.6 µg/L);
- The groundwater sample collected from monitoring well MW16-4 exceeded the *Table 3 Standards* for chloroform (2.6 µg/L vs. the *Table 3 Standard* of 2.4 µg/L);
- The groundwater sample collected from monitoring well MW16-5 exceeded the *Table 3 Standards* for PCE (5.2 µg/L vs. the *Table 3 Standard* of 1.6 µg/L);



- The groundwater sample collected from monitoring well MW17-2 exceeded the *Table 3 Standards* for PCE (7.7 µg/L vs. the *Table 3 Standard* of 1.6 µg/L), and TCE (2.0 µg/L vs. the *Table 3 Standard* of 1.6 µg/L);
- The groundwater sample collected from monitoring well MW17-3 exceeded the *Table 3 Standards* for cis-1,2-DCE (2.1 µg/L vs. the *Table 3 Standard* of 1.6 µg/L), PCE (5.6 µg/L vs. the *Table 3 Standard* of 1.6 µg/L), TCE (2.6 µg/L vs. the *Table 3 Standard* of 1.6 µg/L), and vinyl chloride (3.5 µg/L vs. the *Table 3 Standard* of 0.5 µg/L);
- The groundwater sample collected from monitoring well MW17-4 exceeded the *Table 3 Standards* for PCE (5.6 µg/L vs. the *Table 3 Standard* of 1.6 µg/L);
- The groundwater sample collected from monitoring well MW17-5 exceeded the *Table 3 Standards* for cis-1,2-DCE (88 µg/L vs. the *Table 3 Standard* of 1.6 µg/L), trans-1,2-DCE (3.5 µg/L vs. the *Table 3 Standard* of 1.6 µg/L), PCE (1900 µg/L vs. the *Table 3 Standard* of 1.6 µg/L), TCE (170 µg/L vs. the *Table 3 Standard* of 1.6 µg/L), and vinyl chloride (15 µg/L vs. the *Table 3 Standard* of 0.5 µg/L); and
- The groundwater sample collected from monitoring well MW21-13 exceeded the *Table 3 Standards* for PCE (16 µg/L vs. the *Table 3 Standard* of 1.6 µg/L).

The laboratory Certificates of Analysis for the groundwater samples are provided in Appendix IV.

The groundwater impacts described above are shown on Figures 4A through 4C.

3.4.3 Field Duplicate Soil Samples

The calculated RPDs values were below the performance standards provided in the *Analytical Protocol*, with the exception of the following:

- The RPD values for soil sample pairing MW21-12 S1/DUP2-170621, collected from MW21-12 at a depth of 0.20 to 1.5 mbgs, exceeded the corresponding RPD performance standard of 30% for the analytical results reported for barium (RPD of 40%), chromium (RPD of 44%), cobalt (RPD of 32%), copper (RPD of 47%), lead (RPD of 39%), and nickel (RPD of 37%).
- The RPD values for soil sample pairing BH21-24 S1/DUP202106235, collected from BH21-24 at a depth of 0.15 to 1.1 mbgs, exceeded the corresponding RPD performance standard of 30% for the analytical results reported for hot water soluble boron (RPD of 68%), cobalt (RPD of 39%), lead (RPD of 52%), nickel (RPD of 43%), uranium (RPD of 61%), zinc (RPD of 55%), and pH (RPD of 1.4 units).



The primary cause of the elevated RPD values observed in the analytical results for soil samples MW21-12 S1 and its field duplicate DUP2-170621 and BH21-24 S1 and its field duplicate DUP202106235 is inferred to be heterogeneity in the matrix of the soil fill materials from which the samples were collected. Pinchin notes that the particles comprising soil fill materials are generally more variable in comparison to native, undisturbed soil deposits. As such, the observed variances in RPD for this sample pairing are not expected to reflect deficiencies in sampling or analytical methods. In addition, given that the laboratory did not report any internal QA/QC errors and appropriate QA/QC methods were employed, the data is considered valid and the level of variance in the reported analytical results is considered acceptable for the purposes of meeting data quality objectives.

The concentrations of the above-noted parameters in both the original and duplicate samples meet the *Table 3 Standards* and the apparent lack of precision in the analytical results does not alter the conclusion that the soil fill material represented by samples MW21-12 S1 and DUP2-170621 is unimpacted.

The concentration of hot water soluble boron in the original soil sample BH21-24 S1 exceeded the *Table 3 Standards*; however, the duplicate sample DUP202106235 was below the *Table 3 Standards*. As noted above, the laboratory did not report any internal QA/QC errors and appropriate QA/QC methods were employed. As such, the data are considered valid and the apparent lack of precision in the analytical results does not alter the conclusion that the soil fill material represented by sample BH21-24 S1 is impacted.

3.4.4 Field Duplicate Groundwater Samples

The calculated RPDs for the original and field duplicate groundwater samples have been compared to the provided in the *Analytical Protocol*. Each of the calculated RPDs met the corresponding performance standard.

Based on Pinchin's review of the calculated RPD values for the submitted groundwater sample duplicate pairings, the level of observed variance in the reported analytical results is considered acceptable for the purposes of meeting the data quality objectives of the Phase II ESA work.

3.4.5 Trip Blank Results

As indicated in Table 7A and Table 7B, the concentrations of the VOC and/or PHCs F1 parameters in the trip blank were below the laboratory RDLs. These findings indicate that ambient conditions during the transportation of the sample containers to and from the Site and in the field during groundwater sampling did not positively bias the VOC and PHCs F1 parameter analytical results for the groundwater samples collected during the Phase II ESA.



4.0 FINDINGS AND CONCLUSIONS

Based on the work completed, the following is a summary of the activities and findings of the Phase II ESA work:

- Pinchin retained Strata to advance 30 boreholes at the Site between June 14 and June 23, 2021. The interior boreholes were advanced to a maximum depth of 4.88 mbfs using a Geoprobe 420M. The exterior boreholes were advanced to a maximum depth of 14.33 mbgs using a Geoprobe 7822 DT or Geoprobe 3230 DT direct push drill rig. 18 of the 30 boreholes were instrumented with monitoring wells to enable groundwater monitoring and sampling.
- The soil stratigraphy at the interior drilling locations generally consists of sand with trace gravel and coal like fragments fill material to depths between approximately 0.25 and 0.76 mbfs overlying native soil comprised of sand, sand and gravel, silty sand, clayey silt, silty clay, clay and weathered shale that extended to the maximum borehole completion depth of 4.88 mbfs. The soil stratigraphy at the exterior drilling locations generally consists of sand, sand and gravel, gravel, silty sand, and sandy silt fill material to depths between approximately 0.05 and 1.52 mbgs overlying native soil comprised of sand, gravely sand, silty sand, sandy silt, sandy clayey silt, clayey silt, silt, silty clay and weathered shale that extended to a maximum depth of 7.47 mbgs. Competent bedrock was identified at borehole MW21-17 below 7.47 mbgs and is inferred to extend to the maximum borehole depth of 14.33 mbgs. The soil was generally observed to be moist to wet between ground surface and 7.47 mbgs.
- Groundwater levels for the interior wells at the Site varied between 0.36 mbfs (MW14-7) and 2.96 mbfs (MW21-16) on July 8, 2021. Groundwater levels for the exterior wells at the Site varied between 0.88 mbgs (MW15-2) and 4.31 mbgs (MW14-8) on July 8 and 9, 2021. The groundwater level for the bedrock well (MW21-17) was measured at 8.08 mbgs on July 9, 2021.
- Inferred groundwater flow is expected to be southeast based on topography and the presence of Applewood Creek located along the southern border of the Site and Lake Ontario located approximately 3 km southeast of the Site.
- Based on Site-specific information, the soil and groundwater quality were assessed based on the *Table 1 Standards* for residential/parkland/institutional land use and coarse-textured soils for the portions of the Site on and within 30 metres of an identified area of natural significance. The soil and groundwater quality for the remainder of the Site was assessed based on *Table 3 Standards* for residential/parkland/institutional land use and coarse-textured soils.



- 37 “worst case” soil samples based on the results of field screening were submitted for laboratory analysis of VOCs, PHCs (F1-F4), PAHs, PCBs, OCPs, and/or metals and inorganics.
- Groundwater samples were collected from monitoring wells, MW21-02 to MW21-05, MW21-11 to MW21-17, MW21-19 to MW21-21, MW21-25, MW21-28 to MW21-30 installed by Pinchin and existing monitoring wells MW-2, MW09-1, MW09-5, MW14-2 to MW14-4, MW14-6, MW14-8 to MW14-12, MW14-17, MW15-2, MW15-4 to MW15-6, MW16-2 to MW16-5, MW16-7, MW17-1 to MW17-5, and MW101 to MW103 installed by others between July 2 and July 13, 2021 and were submitted for laboratory analysis of VOCs, PHCs (F1-F4), PAHs, and/or metals and inorganics.
- Reported concentrations in the soil samples submitted for analysis of VOCs, PHCs (F1-F4), PAHs, PCBs, OCPs, and/or metals and inorganics satisfied their respective *Table 1 Standards* or *Table 3 Standards*, with the following exceptions:
 - Soil sample MW21-20 S1 collected at borehole MW21-20 exceeded the *Table 1 Standards* for EC and SAR;
 - Soil sample MW21-20 S5 collected at borehole MW21-20 exceeded the *Table 1 Standards* for EC and SAR;
 - Soil sample MW21-28 S4 collected at borehole MW21-28 exceeded the *Table 1 Standards* for PCE;
 - Soil sample MW21-12 S1 collected at borehole MW21-12 exceeded the *Table 3 Standards* for EC, and SAR;
 - Soil sample MW21-13 S6 collected at borehole MW21-13 exceeded the *Table 3 Standards* for PCE;
 - Soil sample MW21-14 S1 collected at borehole MW21-14 exceeded the *Table 3 Standards* for EC;
 - Soil sample BH21-24 S1 collected at borehole MW21-24 exceeded the *Table 3 Standards* for hot water soluble boron;
 - Soil sample BH21-26 S1 collected at borehole BH21-26 exceeded the *Table 3 Standards* for EC, and SAR; and
 - Soil sample BH21-26 S2 collected at borehole BH21-26 exceeded the *Table 3 Standards* for PCE.
- Reported concentrations in the groundwater samples submitted for analysis of VOCs, PHCs (F1-F4), PAHs and/or metals and inorganics satisfied their respective *Table 1 Standards* or *Table 3 Standards*, with the following exceptions:



- The groundwater sample collected from monitoring well BH/MW101 exceeded the *Table 1 Standards* for sodium and chloride;
- The groundwater sample collected from monitoring well BH/MW102 exceeded the *Table 1 Standards* for sodium and chloride;
- The groundwater sample collected from monitoring well BH/MW103 exceeded the *Table 1 Standards* for sodium and chloride;
- The groundwater sample collected from monitoring well MW15-2 exceeded the *Table 1 Standards* for sodium and chloride;
- The groundwater sample collected from monitoring well MW14-10 exceeded the *Table 1 Standards* for cis-1,2-DCE and TCE;
- The groundwater sample collected from monitoring well MW16-7 exceeded the *Table 1 Standards* for PCE;
- The groundwater sample collected from monitoring well MW21-20 exceeded the *Table 1 Standards* for sodium;
- The groundwater sample collected from monitoring well MW21-21 exceeded the *Table 1 Standards* for cis-1,2-DCE, and VC;
- The groundwater sample collected from monitoring well MW21-25 exceeded the *Table 1 Standards* for chloride;
- The groundwater sample collected from monitoring well MW21-28 exceeded the *Table 1 Standards* for PCE;
- The groundwater sample collected from monitoring well MW21-29 exceeded the *Table 1 Standards* for cis-1,2-DCE, and VC;
- The groundwater sample collected from monitoring well MW14-2 exceeded the *Table 3 Standards* for cis-1,2-DCE;
- The groundwater sample collected from monitoring well MW14-7 exceeded the *Table 3 Standards* for PCE;
- The groundwater sample collected from monitoring well MW15-4 exceeded the *Table 3 Standards* for PCE, and TCE;
- The groundwater sample collected from monitoring well MW16-4 exceeded the *Table 3 Standards* for chloroform;
- The groundwater sample collected from monitoring well MW16-5 exceeded the *Table 3 Standards* for PCE;



- The groundwater sample collected from monitoring well MW17-2 exceeded the *Table 3 Standards* for PCE, and TCE;
- The groundwater sample collected from monitoring well MW17-3 exceeded the *Table 3 Standards* for cis-1,2-DCE, PCE, TCE, and VC;
- The groundwater sample collected from monitoring well MW17-4 exceeded the *Table 3 Standards* for PCE;
- The groundwater sample collected from monitoring well MW17-5 exceeded the *Table 3 Standards* for cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, and VC; and
- The groundwater sample collected from monitoring well MW21-13 exceeded the *Table 3 Standards* for PCE.

Previous environmental investigations had identified two “Update Environmental Risk Areas”, associated with the historical on-Site dry cleaners located in the northern (Area A) and southern (Area B) portions of Site Building A. Groundwater VOC impacts were identified in these approximate areas as a result of this Phase II ESA. However, based on the identification of VOC groundwater impacts outside of Area A or Area B in the southern portion of the Site, Pinchin has designated that area as Area B2. The locations of Area A, Area B and Area B2 are provided on Figure 2. A discussion of the findings particular to each area is provided below:

- Area A: groundwater VOC impacts were identified in monitoring well MW14-2 and are understood to be the result of the historical dry cleaners formerly located in the northern portion of Site Building A;
- Area B: groundwater VOC impacts were identified in monitoring wells MW14-7, MW15-4, MW16-4, MW16-5, MW16-7, MW17-2, MW17-3, MW17-4, MW17-5, MW21-13 and MW21-28 and are understood to be the result of the historical dry cleaners formerly located in the southern portion of Site Building A; and
- Area B2: groundwater impacts were identified in monitoring wells MW14-10, MW21-21 and MW21-29 and may be the result of impact migration downgradient of the historical dry cleaners formerly located in the southern portion of Site Building A.

Based on the findings of this Phase II ESA, Pinchin recommends further investigation work to delineate the soil and groundwater impacts as identified above.

5.0 TERMS AND LIMITATIONS

This Phase II ESA was performed for SCREO I Dixie Outlet Mall LP and Choice Properties Limited Partnership (Client) in order to investigate potential environmental impacts at Dixie Outlet Mall located at 1250 South Service Road and 1490 Dixie Road in Mississauga, Ontario (Site).



This Phase II ESA does not quantify the extent of the current and/or potential environmental impacts or the cost of any remediation.

Conclusions derived are specific to the immediate area of study and cannot be extrapolated extensively away from sample locations. Samples have been analyzed for a limited number of contaminants that are expected to be present at the Site, and the absence of information relating to a specific contaminant does not indicate that it is not present.

No environmental site assessment can wholly eliminate uncertainty regarding the potential for environmental impacts on a property. Performance of this Phase II ESA to the standards established by Pinchin is intended to reduce, but not eliminate, uncertainty regarding the potential for environmental impacts on the Site and recognizes reasonable limits on time and cost.

This Phase II ESA was performed in general compliance with currently acceptable practices for environmental site investigations, and specific Client requests, as applicable to this Site. The scope of work completed by Pinchin, as part of this Phase II ESA, is not sufficient (in and of itself) to meet the requirements for the submission of a Record of Site Condition (RSC) in accordance with Ontario Regulation 153/04 (as amended). If an RSC is an intended end product of work conducted at the Site, further consultation and/or work will be required.

This report was prepared for the exclusive use of the Client, subject to the terms, conditions and limitations contained within the duly authorized proposal for this project. Any use which a third party makes of this report, or any reliance on or decisions to be made based on it, is the sole responsibility of such third parties. Pinchin accepts no responsibility for damages suffered by any third party as a result of decisions made or actions conducted.

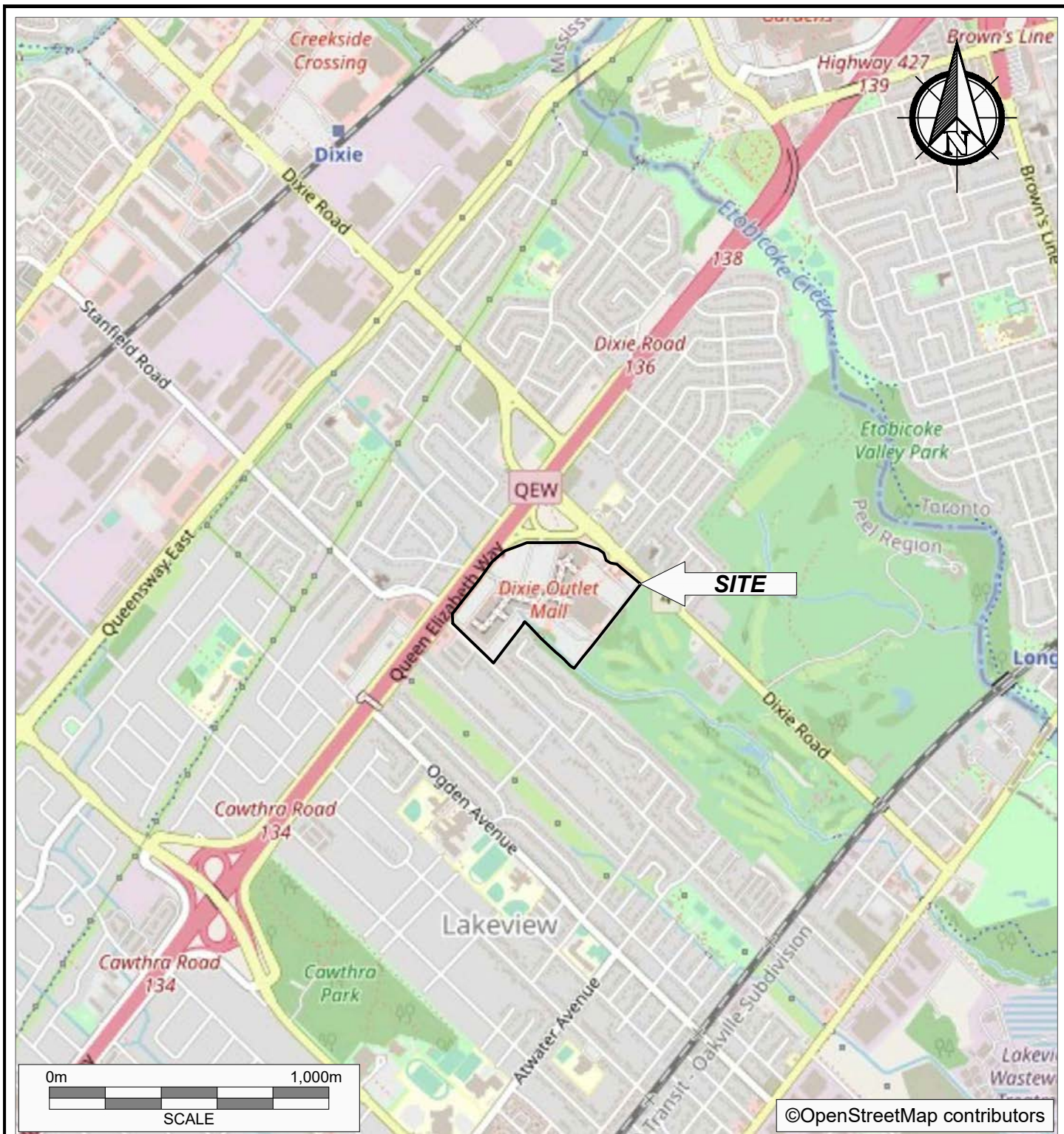
If additional parties require reliance on this report, written authorization from Pinchin will be required. Pinchin disclaims responsibility of consequential financial effects on transactions or property values, or requirements for follow-up actions and costs. No other warranties are implied or expressed. Furthermore, this report should not be construed as legal advice. Pinchin will not provide results or information to any party unless disclosure by Pinchin is required by law.

Pinchin makes no other representations whatsoever, including those concerning the legal significance of its findings, or as to other legal matters touched on in this report, including, but not limited to, ownership of any property, or the application of any law to the facts set forth herein. With respect to regulatory compliance issues, regulatory statutes are subject to interpretation and these interpretations may change over time.

294348 FINAL Phase II ESA Report Dixie Outlet Mall 1250 South Service Road Mississauga ON Sep 2021.docx

Template: Master Report for Phase II ESA - Stage 2 PSI, EDR, January 13, 2021

APPENDIX I
Figures



PROJECT NAME

PHASE II ENVIRONMENTAL SITE ASSESSMENT

CLIENT NAME

SCREO I DIXIE OUTLET MALL LP &
CHOICE PROPERTIES LIMITED PARTNERSHIP

PROJECT LOCATION

1250 SOUTH SERVICE ROAD
AND 1490 DIXIE ROAD, MISSISSAUGA, ONTARIO

FIGURE NAME

KEY MAP

FIGURE NO.

SCALE

AS SHOWN

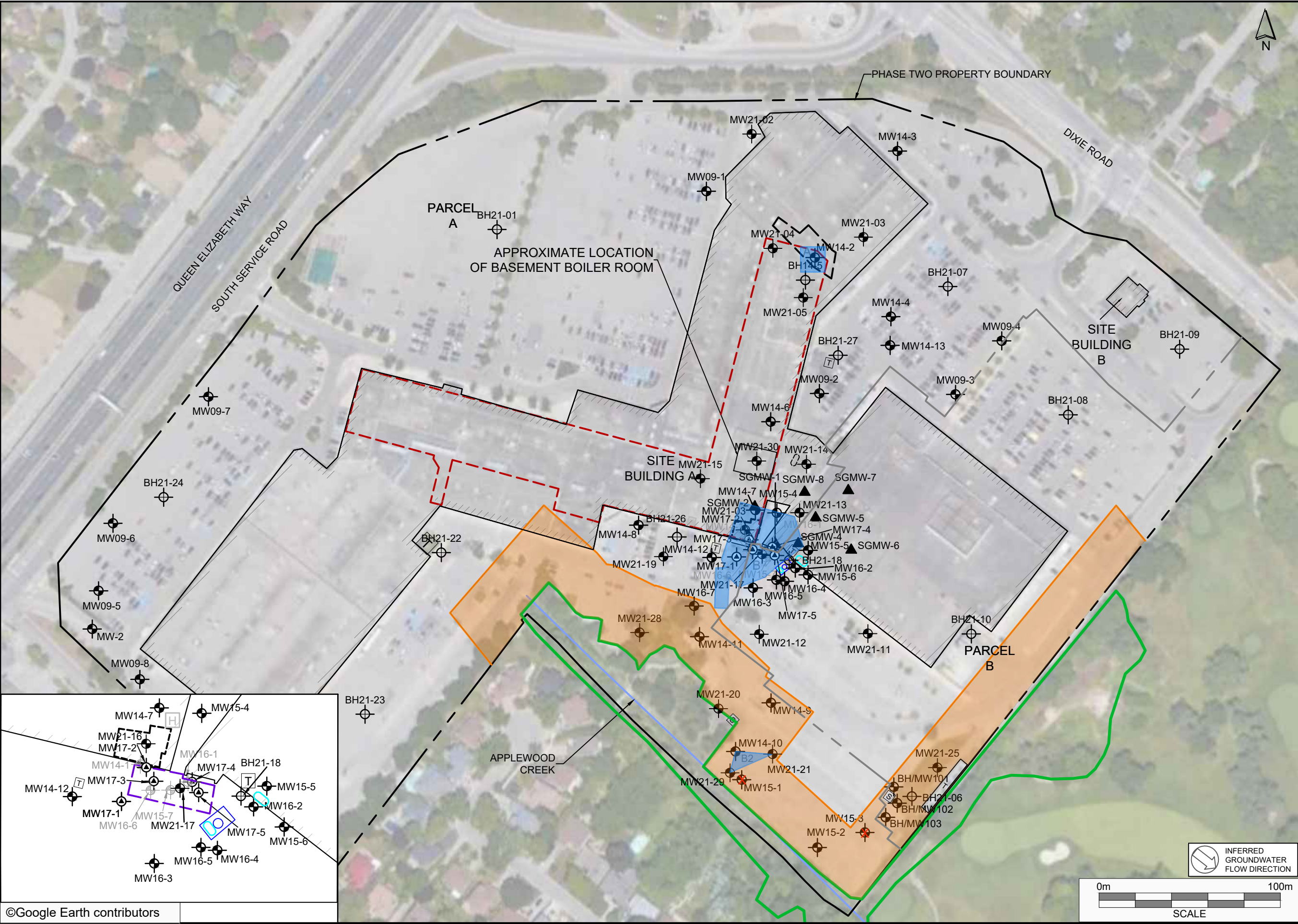
PROJECT NO.

294348

DATE

JULY 2021

1



LEGEND

- PHASE TWO PROPERTY BOUNDARY
- SITE BUILDING
- BOREHOLE
- MONITORING WELL
- DECOMMISSIONED MONITORING WELL
- REPLACEMENT MONITORING WELL
- SOIL VAPOUR PROBE
- TRANSFORMER OR TRANSFORMER SUBSTATION
- CURRENT OR FORMER SALT STORAGE SHED
- PUMP HOUSE
- CURRENT AST
- FORMER DRY CLEANER
- APPROXIMATE LOCATION OF HISTORICAL OIL TANKS
- AST ABOVEGROUND STORAGE TANK
- SIGNIFICANT NATURAL AREA
- 30m BUFFER
- EXCAVATION EXTENT
- APPROXIMATE BASEMENT EXTENT
- DESTROYED
- FORMER HYDRO VAULT
- UPDATE ENVIRONMENTAL RISK AREA
 - FORMER CLEANER
 - FORMER COIN OP DRY CLEANER
 - VOC GROUNDWATER IMPACTS ADJACENT TO APPLEWOOD CREEK

LEGEND IS COLOUR DEPENDENT. NON-COLOUR COPIES MAY ALTER INTERPRETATION.

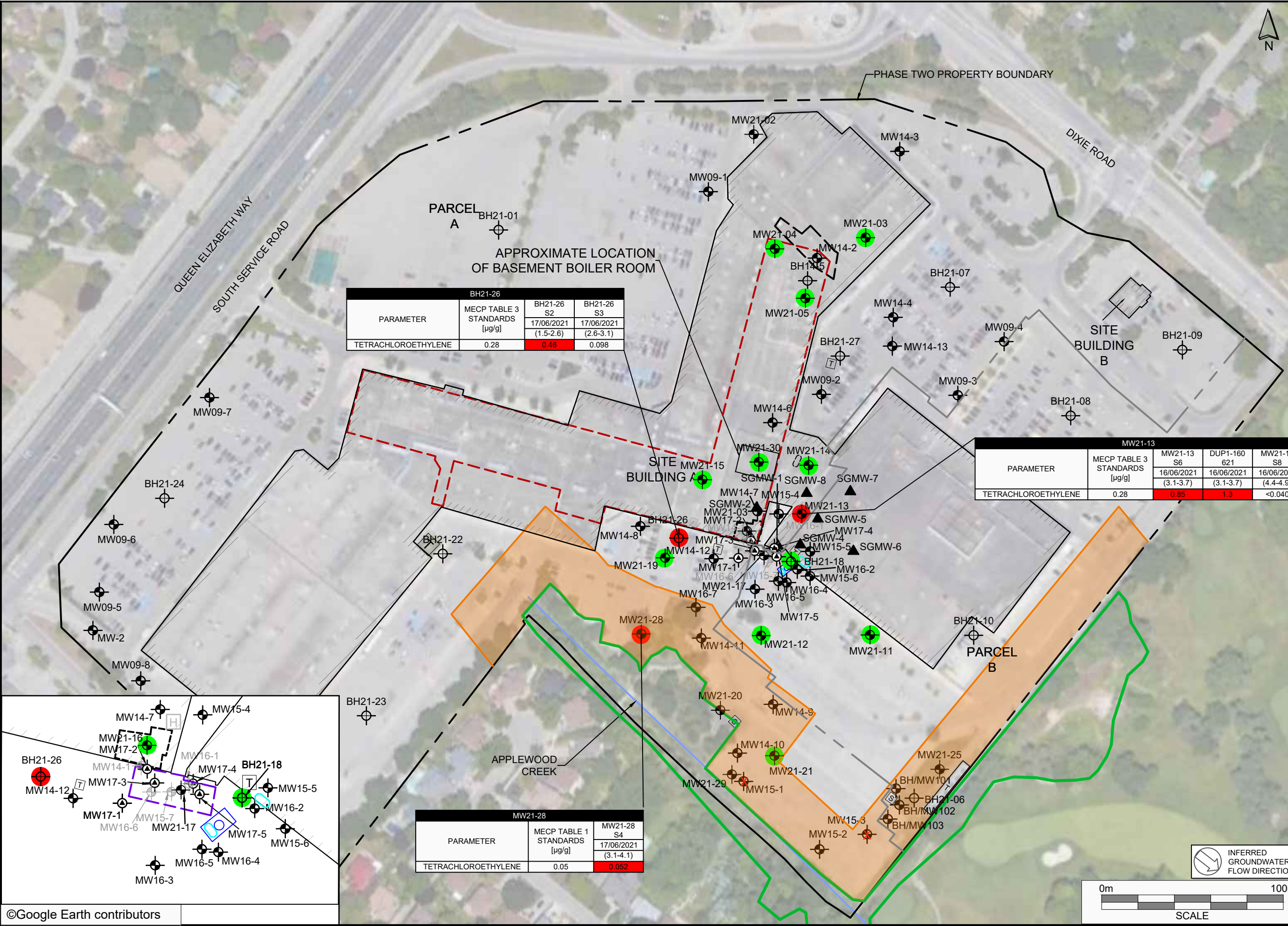
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PHASE II ENVIRONMENTAL SITE ASSESSMENT

CLIENT NAME:
SCREO I DIXIE OUTLET MALL LP & CHOICE PROPERTIES LIMITED PARTNERSHIP

PROJECT LOCATION:
1250 SOUTH SERVICE ROAD AND 1490 DIXIE ROAD, MISSISSUAGA, ONTARIO

FIGURE NAME:
SITE PLAN

PROJECT NUMBER: 294348	SCALE: AS SHOWN
DRAWN BY: KP	REVIEW BY: AN
DATE: JULY 2021	FIGURE NUMBER: 2



PARAMETER	MECP TABLE 3 STANDARDS [µg/g]	BH21-26	
		BH21-26 S2	BH21-26 S3
		17/06/2021 (1.5-2.6)	17/06/2021 (2.6-3.1)
TETRACHLOROETHYLENE	0.28	0.46	0.098

PARAMETER	MECP TABLE 3 STANDARDS [µg/g]	MW21-13		
		MW21-13 S6	DUP1-160 621	MW21-13 S8
		16/06/2021 (3.1-3.7)	16/06/2021 (3.1-3.7)	16/06/2021 (4.4-4.9)
TETRACHLOROETHYLENE	0.28	0.85	1.3	<0.040

PARAMETER	MECP TABLE 1 STANDARDS [µg/g]	MW21-28	
		MW21-28 S4	MW21-28 S4
		17/06/2021 (3.1-4.1)	17/06/2021 (3.1-4.1)
TETRACHLOROETHYLENE	0.05	0.052	

- LEGEND**
- PHASE TWO PROPERTY BOUNDARY
 - SITE BUILDING
 - BOREHOLE
 - MONITORING WELL
 - DECOMMISSIONED MONITORING WELL
 - REPLACEMENT MONITORING WELL
 - SOIL VAPOUR PROBE
 - TRANSFORMER OR TRANSFORMER SUBSTATION
 - CURRENT OR FORMER SALT STORAGE SHED
 - PUMP HOUSE
 - CURRENT AST
 - FORMER DRY CLEANER
 - APPROXIMATE LOCATION OF HISTORICAL OIL TANKS
 - AST ABOVEGROUND STORAGE TANK
 - SIGNIFICANT NATURAL AREA
 - 30m BUFFER
 - EXCAVATION EXTENT
 - APPROXIMATE BASEMENT EXTENT
 - DESTROYED
 - FORMER HYDRO VAULT
 - EXCEEDS SITE CONDITION STANDARDS
 - MEETS SITE CONDITION STANDARDS

SOIL, GROUND WATER AND SEDIMENT STANDARDS FOR USE UNDER PART XV.1 OF THE ENVIRONMENTAL PROTECTION ACT, APRIL 15, 2011, TABLE 1: FULL DEPTH BACKGROUND SITE CONDITION STANDARDS, FOR RESIDENTIAL/PARKLAND/INSTITUTIONAL/INDUSTRIAL /COMMERCIAL/ COMMUNITY PROPERTY USE

SOIL, GROUND WATER AND SEDIMENT STANDARDS FOR USE UNDER PART XV.1 OF THE ENVIRONMENTAL PROTECTION ACT, APRIL 15, 2011, TABLE 3: FULL DEPTH GENERIC SITE CONDITION STANDARDS IN A NON-POTABLE GROUND WATER CONDITION, FOR RESIDENTIAL/PARKLAND/INSTITUTIONAL PROPERTY USE AND COARSE-TEXTURED SOILS

LEGEND IS COLOUR DEPENDENT. NON-COLOUR COPIES MAY ALTER INTERPRETATION.



PROJECT NAME:
PHASE II ENVIRONMENTAL SITE ASSESSMENT

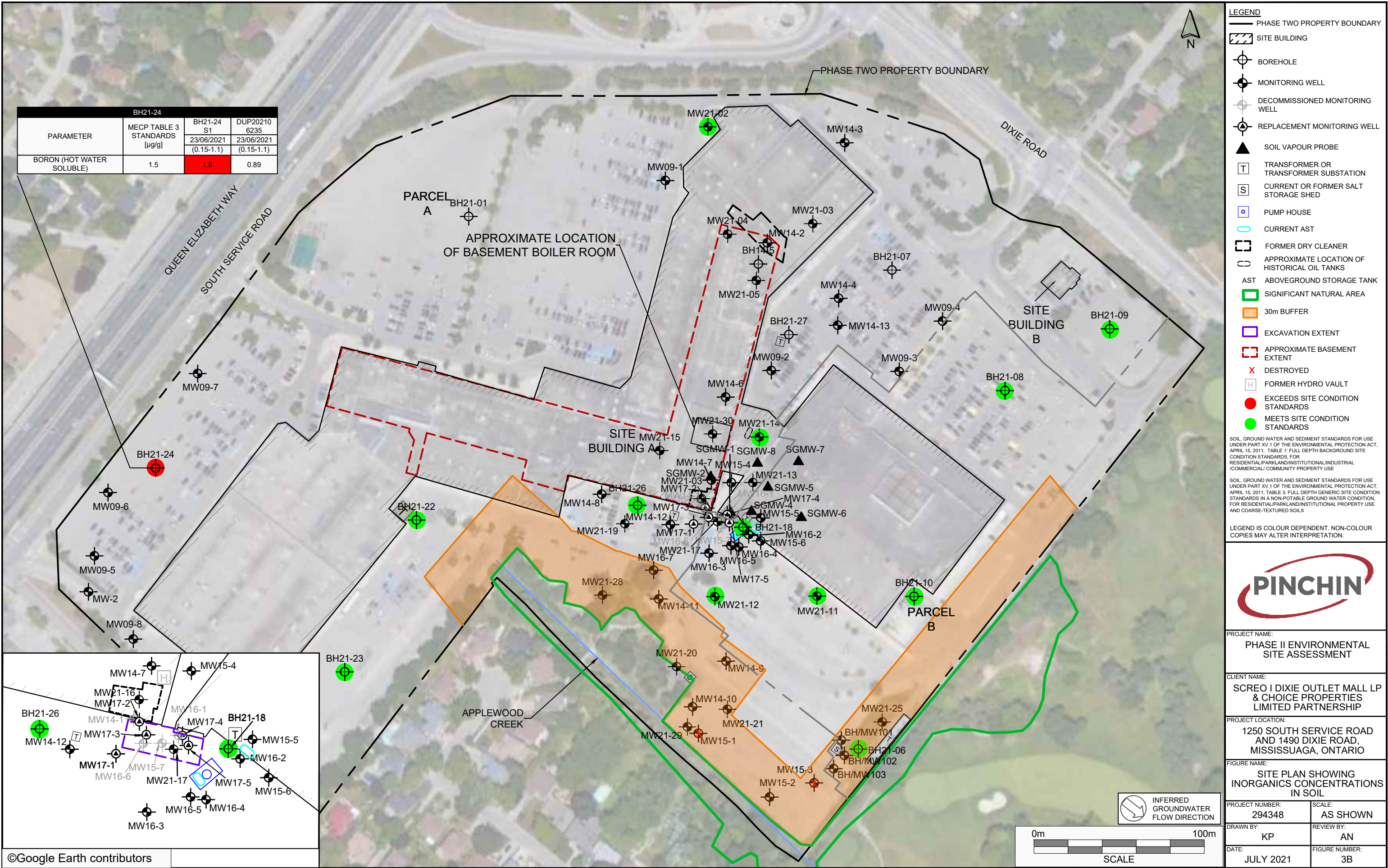
CLIENT NAME:
SCREO I DIXIE OUTLET MALL LP & CHOICE PROPERTIES LIMITED PARTNERSHIP

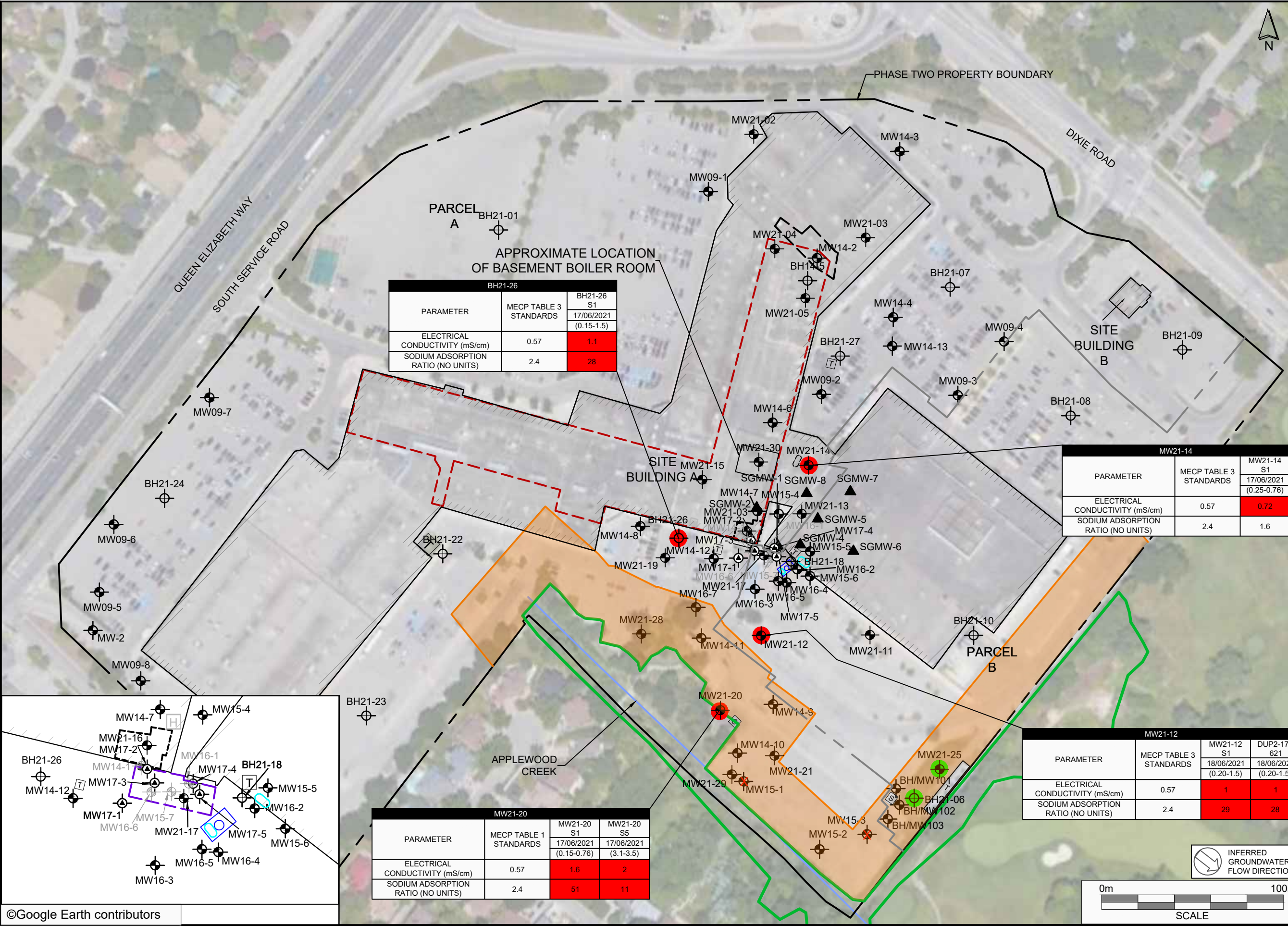
PROJECT LOCATION:
1250 SOUTH SERVICE ROAD AND 1490 DIXIE ROAD, MISSISSAUGA, ONTARIO

FIGURE NAME:
SITE PLAN SHOWING VOC CONCENTRATIONS IN SOIL

PROJECT NUMBER: 294348	SCALE: AS SHOWN
DRAWN BY: KP	REVIEW BY: AN
DATE: JULY 2021	FIGURE NUMBER: 3A

BH21-24			
PARAMETER	MECP TABLE 3 STANDARDS [µg/g]	BH21-24 S1 23/06/2021 (0.15-1.1)	DUP20210 6235 23/06/2021 (0.15-1.1)
BORON (HOT WATER SOLUBLE)	1.5	1.8	0.89





LEGEND

PHASE TWO PROPERTY BOUNDARY

SITE BUILDING

BOREHOLE

MONITORING WELL

DECOMMISSIONED MONITORING WELL

REPLACEMENT MONITORING WELL

SOIL VAPOUR PROBE

TRANSFORMER OR TRANSFORMER SUBSTATION

CURRENT OR FORMER SALT STORAGE SHED

PUMP HOUSE

CURRENT AST

FORMER DRY CLEANER

APPROXIMATE LOCATION OF HISTORICAL OIL TANKS

AST ABOVEGROUND STORAGE TANK

SIGNIFICANT NATURAL AREA

30m BUFFER

EXCAVATION EXTENT

APPROXIMATE BASEMENT EXTENT

DESTROYED

FORMER HYDRO VAULT

EXCEEDS SITE CONDITION STANDARDS

MEETS SITE CONDITION STANDARDS

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LEGEND IS COLOUR DEPENDENT. NON-COLOUR COPIES MAY ALTER INTERPRETATION.

PROJECT NAME:
PHASE II ENVIRONMENTAL
SITE ASSESSMENT

CLIENT NAME:
SCREO I DIXIE OUTLET MALL LP
& CHOICE PROPERTIES
LIMITED PARTNERSHIP

PROJECT LOCATION:
1250 SOUTH SERVICE ROAD
AND 1490 DIXIE ROAD,
MISSISSAUGA, ONTARIO

FIGURE NAME:
SITE PLAN SHOWING EC/SAR
VALUES IN SOIL

PROJECT NUMBER:
294348

SCALE:
AS SHOWN

DRAWN BY:
KP

REVIEW BY:
AN

DATE:
JULY 2021

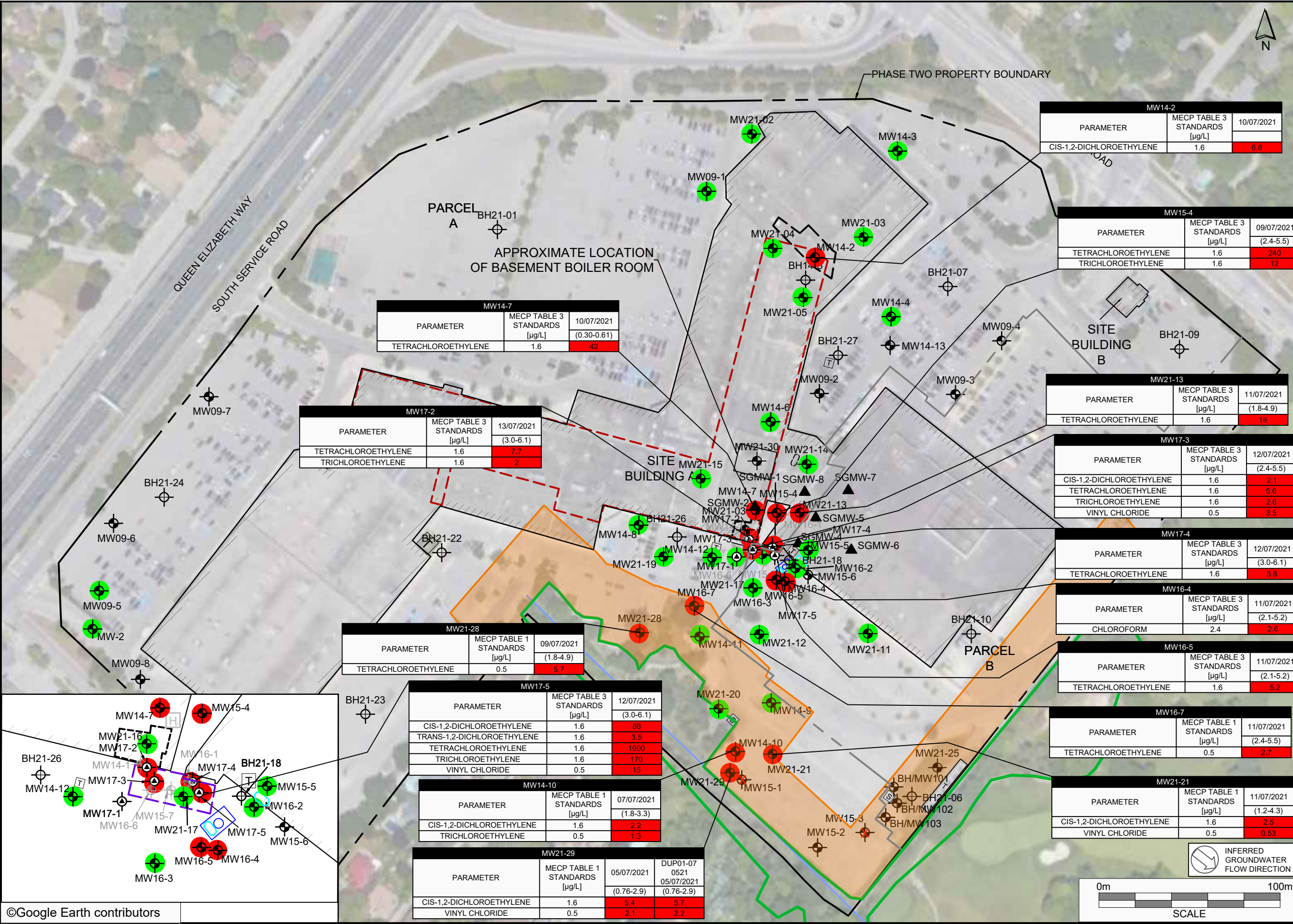
FIGURE NUMBER:
3C

BH21-26		
PARAMETER	MECP TABLE 3 STANDARDS	BH21-26 S1
		17/06/2021 (0.15-1.5)
ELECTRICAL CONDUCTIVITY (mS/cm)	0.57	1.1
SODIUM ADSORPTION RATIO (NO UNITS)	2.4	28

MW21-14		
PARAMETER	MECP TABLE 3 STANDARDS	MW21-14 S1
		17/06/2021 (0.25-0.76)
ELECTRICAL CONDUCTIVITY (mS/cm)	0.57	0.72
SODIUM ADSORPTION RATIO (NO UNITS)	2.4	1.6

MW21-12			
PARAMETER	MECP TABLE 3 STANDARDS	MW21-12 S1	DUP2-170 621
		18/06/2021 (0.20-1.5)	18/06/2021 (0.20-1.5)
ELECTRICAL CONDUCTIVITY (mS/cm)	0.57	1	1
SODIUM ADSORPTION RATIO (NO UNITS)	2.4	29	28

MW21-20			
PARAMETER	MECP TABLE 1 STANDARDS	MW21-20 S1	MW21-20 S5
		17/06/2021 (0.15-0.76)	17/06/2021 (3.1-3.5)
ELECTRICAL CONDUCTIVITY (mS/cm)	0.57	1.6	2
SODIUM ADSORPTION RATIO (NO UNITS)	2.4	51	11



LEGEND

- PHASE TWO PROPERTY BOUNDARY
- SITE BUILDING
- BOREHOLE
- MONITORING WELL
- DECOMMISSIONED MONITORING WELL
- REPLACEMENT MONITORING WELL
- SOIL VAPOUR PROBE
- TRANSFORMER OR TRANSFORMER SUBSTATION
- CURRENT OR FORMER SALT STORAGE SHED
- PUMP HOUSE
- CURRENT AST
- FORMER DRY CLEANER
- APPROXIMATE LOCATION OF HISTORICAL OIL TANKS
- AST ABOVEGROUND STORAGE TANK
- SIGNIFICANT NATURAL AREA
- 30m BUFFER
- EXCAVATION EXTENT
- APPROXIMATE BASEMENT EXTENT
- DESTROYED
- FORMER HYDRO VAULT
- EXCEEDS SITE CONDITION STANDARDS
- MEETS SITE CONDITION STANDARDS

SOIL, GROUND WATER AND SEDIMENT STANDARDS FOR USE UNDER PART XV.1 OF THE ENVIRONMENTAL PROTECTION ACT, APRIL 15, 2011, TABLE 1: FULL DEPTH BACKGROUND SITE CONDITION STANDARDS, FOR RESIDENTIAL/PARKLAND/INSTITUTIONAL/INDUSTRIAL /COMMERCIAL/ COMMUNITY PROPERTY USE

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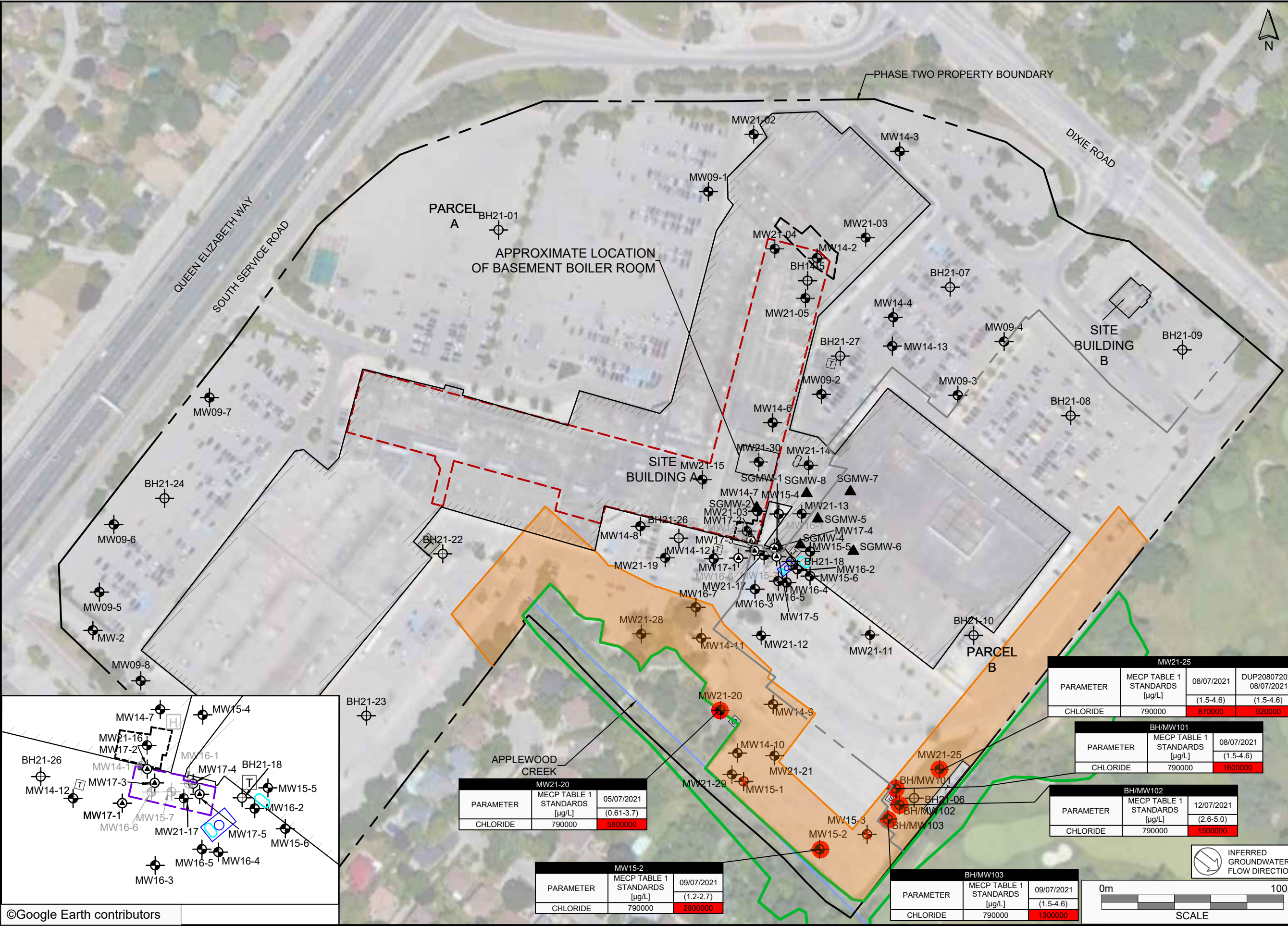
PROJECT NAME:
PHASE II ENVIRONMENTAL SITE ASSESSMENT

CLIENT NAME:
SCREO I DIXIE OUTLET MALL LP & CHOICE PROPERTIES LIMITED PARTNERSHIP

PROJECT LOCATION:
1250 SOUTH SERVICE ROAD AND 1490 DIXIE ROAD, MISSISSAUGA, ONTARIO

FIGURE NAME:
SITE PLAN SHOWING VOC CONCENTRATIONS IN GROUNDWATER

PROJECT NUMBER: 294348	SCALE: AS SHOWN
DRAWN BY: KP	REVIEW BY: AN
DATE: JULY 2021	FIGURE NUMBER: 4A



LEGEND

- PHASE TWO PROPERTY BOUNDARY
- SITE BUILDING
- BOREHOLE
- MONITORING WELL
- DECOMMISSIONED MONITORING WELL
- REPLACEMENT MONITORING WELL
- SOIL VAPOUR PROBE
- TRANSFORMER OR TRANSFORMER SUBSTATION
- CURRENT OR FORMER SALT STORAGE SHED
- PUMP HOUSE
- CURRENT AST
- FORMER DRY CLEANER
- APPROXIMATE LOCATION OF HISTORICAL OIL TANKS
- AST ABOVEGROUND STORAGE TANK
- SIGNIFICANT NATURAL AREA
- 30m BUFFER
- EXCAVATION EXTENT
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LEGEND IS COLOUR DEPENDENT. NON-COLOUR COPIES MAY ALTER INTERPRETATION.

PROJECT NAME:
PHASE II ENVIRONMENTAL SITE ASSESSMENT

CLIENT NAME:
SCREO I DIXIE OUTLET MALL LP & CHOICE PROPERTIES LIMITED PARTNERSHIP

PROJECT LOCATION:
1250 SOUTH SERVICE ROAD AND 1490 DIXIE ROAD, MISSISSAUGA, ONTARIO

FIGURE NAME:
SITE PLAN SHOWING CHLORIDE CONCENTRATIONS IN GROUNDWATER

PROJECT NUMBER: 294348	SCALE: AS SHOWN
DRAWN BY: KP	REVIEW BY: AN
DATE: JULY 2021	FIGURE NUMBER: 4C

MW21-20			
PARAMETER	MECP TABLE 1 STANDARDS [µg/L]	05/07/2021	
CHLORIDE	790000	5800000	

MW15-2			
PARAMETER	MECP TABLE 1 STANDARDS [µg/L]	09/07/2021	
CHLORIDE	790000	2800000	

MW21-25			
PARAMETER	MECP TABLE 1 STANDARDS [µg/L]	08/07/2021	DUP208072021 08/07/2021
CHLORIDE	790000	870000	920000

BH/MW101		
PARAMETER	MECP TABLE 1 STANDARDS [µg/L]	08/07/2021
CHLORIDE	790000	1600000

BH/MW102		
PARAMETER	MECP TABLE 1 STANDARDS [µg/L]	12/07/2021
CHLORIDE	790000	1500000

BH/MW103			
PARAMETER	MECP TABLE 1 STANDARDS [µg/L]	09/07/2021	
CHLORIDE	790000	1300000	

SCALE

APPENDIX II
Borehole Logs



Log of Borehole: BH21-01

Project #: 294348

Logged By: AN

Project: Phase Two Environmental Site Assessment

Client: SCREO I Dixie Outlet Mall LP & CP REIT Ontario Properties Ltd.

Location: 1250 South Service Rd & 1490 Dixie Rd, Mississauga, Ontario

Drill Date: June 23, 2021

SUBSURFACE PROFILE					SAMPLE			
Depth	Symbol	Description	Measured Depth (m)	Monitoring Well Details	Recovery (%)	Sample ID	Soil Vapour Concentration* (ppm) CGI/PID	Laboratory Analysis
0 ft m 0		Ground Surface	0.00	No Monitoring Well Installed				
		Asphalt						
		Sand and Gravel (Fill)						
1		Sand Light brown, trace silt, trace rock fragments, dry to moist. Oxidation, no rock fragments below 0.46 mbgs.	0.91		40	S1	0/0	
2								
3		Clayey Silt Grey, dry to moist.						
4		Some weathered shale, rock fragments below 1.22 mbgs.						
5								
6		Increase in weathered shale below 1.83 mbgs.			100	S2	0/0	Grain Size, pH
7			2.29					
8		End of Borehole						
9		Sampler refusal encountered at 2.29 mbgs on inferred weathered shale.						
10								
11								
12								
13								
14								

Contractor: Strata Drilling Group

Drilling Method: Direct Push

Well Casing Size: NA

Note:

* Soil vapour concentrations measured using a RKI Eagle 2 equipped with a combustible gas indicator (CGI) and a photoionization detector (PID).

Grade Elevation: NM

Top of Casing Elevation: NA

Sheet: 1 of 1



Log of Borehole: MW21-02

Project #: 294348

Logged By: JP

Project: Phase Two Environmental Site Assessment

Client: SCREO I Dixie Outlet Mall LP & CP REIT Ontario Properties Ltd.

Location: 1250 South Service Rd & 1490 Dixie Rd, Mississauga, Ontario

Drill Date: June 22, 2021

SUBSURFACE PROFILE					SAMPLE			
Depth	Symbol	Description	Measured Depth (m)	Monitoring Well Details	Recovery (%)	Sample ID	Soil Vapour Concentration* (ppm) CGI/PID	Laboratory Analysis
0		Ground Surface	0.00					
0		Asphalt						
1		Gravel (Fill)						
1		Sand (Fill)						
2		Brown.						
2		Sand			50	S1	20/1	BTEX, PHCs, PAHs, Metals & Inorganics, OCPs, PCBs
3		Brown, with gravel, moist.						
4		Moist to wet below 1.37 mbgs.						
5			1.52					
6		Clayey Silt	1.83		100	S2	25/1	
6		Brown, moist.						
7		Inferred Weathered Shale						
8								
9								
10			3.05					
10		End of Borehole						
11		Sampler refusal encountered at 1.83 mbgs on inferred weathered shale. Augered to 3.05 mbgs to install monitoring well		Water level measured at 2.62 mbgs on July 12, 2021.				
12								
13								
14								

Contractor: Strata Drilling Group

Drilling Method: Direct Push

Well Casing Size: 5.1 cm

Note:

* Soil vapour concentrations measured using a RKI Eagle 2 equipped with a combustible gas indicator (CGI) and a photoionization detector (PID).

Grade Elevation: NM

Top of Casing Elevation: NM

Sheet: 1 of 1



Log of Borehole: MW21-03

Project #: 294348

Logged By: SP

Project: Phase Two Environmental Site Assessment

Client: SCREO I Dixie Outlet Mall LP & CP REIT Ontario Properties Ltd.

Location: 1250 South Service Rd & 1490 Dixie Rd, Mississauga, Ontario

Drill Date: June 18, 2021

SUBSURFACE PROFILE					SAMPLE			
Depth	Symbol	Description	Measured Depth (m)	Monitoring Well Details	Recovery (%)	Sample ID	Soil Vapour Concentration* (ppm) CGI/PID	Laboratory Analysis
0		Floor Surface	0.00		73			
0		Concrete	0.23					
1		Sand Brown, dry.				S1	0/1	
2		Moist 1.07 mbfs.				S2	0/2	
3					100	S3	0/2	
4						S4	0/1	VOCs
5						S5	0/1	
6					100			
7								
8								
9								
10								
11								
12								
13								
14								

Contractor: Strata Drilling Group

Drilling Method: Direct Push

Well Casing Size: 5.1 cm

Note:

* Soil vapour concentrations measured using a RKI Eagle 2 equipped with a combustible gas indicator (CGI) and a photoionization detector (PID).

Grade Elevation: NM

Top of Casing Elevation: NM

Sheet: 1 of 1



Log of Borehole: MW21-04

Project #: 294348

Logged By: SP

Project: Phase Two Environmental Site Assessment

Client: SCREO I Dixie Outlet Mall LP & CP REIT Ontario Properties Ltd.

Location: 1250 South Service Rd & 1490 Dixie Rd, Mississauga, Ontario

Drill Date: June 14, 2021

SUBSURFACE PROFILE					SAMPLE			
Depth	Symbol	Description	Measured Depth (m)	Monitoring Well Details	Recovery (%)	Sample ID	Soil Vapour Concentration* (ppm) CGI/PID	Laboratory Analysis
0		Floor Surface	0.00		75			
		Concrete	0.15					
1		Silty Sand Brown, wet.	0.46			S1	190/6	VOCs
2		Clayey Silt Grey, trace gravel, trace weathered shale, wet.				-	NM	
3		Weathered Shale	0.91		100	-	NM	
4		End of Borehole						
5								
6								
7								
8								
9		Sampler refusal encountered at 0.91 mbfs. Auger refusal encountered at 0.91 mbfs.		Water level measured at 0.37 mbfs on July 10, 2021.				
10								
11								
12								
13								
14								

Contractor: Strata Drilling Group

Drilling Method: Direct Push

Well Casing Size: 5.1 cm

Note:

* Soil vapour concentrations measured using a RKI Eagle 2 equipped with a combustible gas indicator (CGI) and a photoionization detector (PID).

Grade Elevation: NM

Top of Casing Elevation: NM

Sheet: 1 of 1



Log of Borehole: MW21-05

Project #: 294348

Logged By: SP

Project: Phase Two Environmental Site Assessment

Client: SCREO I Dixie Outlet Mall LP & CP REIT Ontario Properties Ltd.

Location: 1250 South Service Rd & 1490 Dixie Rd, Mississauga, Ontario

Drill Date: June 14, 2021

SUBSURFACE PROFILE					SAMPLE			
Depth	Symbol	Description	Measured Depth (m)	Monitoring Well Details	Recovery (%)	Sample ID	Soil Vapour Concentration* (ppm) CGI/PID	Laboratory Analysis
0		Floor Surface	0.00		71			VOCs
		Concrete	0.15					
1		Silty Sand Brown, wet.	0.38			S1	80/2	
		Weathered Shale	0.53			S2	180/2	
2		Inferred Weathered Shale						
3		End of Borehole						
4		Sampler refusal encountered at 0.53 mbfs on inferred weathered shale.						
5		Auger refusal encountered at 0.61 mbfs.						
6								
7								
8								
9								
10								
11								
12								
13								
14								

Water level measured at 0.48 mbfs on July 10, 2021.

Contractor: Strata Drilling Group

Drilling Method: Direct Push

Well Casing Size: 5.1 cm

Note:

* Soil vapour concentrations measured using a RKI Eagle 2 equipped with a combustible gas indicator (CGI) and a photoionization detector (PID).

Grade Elevation: NM

Top of Casing Elevation: NM

Sheet: 1 of 1



Log of Borehole: BH21-06

Project #: 294348

Logged By: JP

Project: Phase Two Environmental Site Assessment

Client: SCREO I Dixie Outlet Mall LP & CP REIT Ontario Properties Ltd.

Location: 1250 South Service Rd & 1490 Dixie Rd, Mississauga, Ontario

Drill Date: June 22, 2021

SUBSURFACE PROFILE					SAMPLE			
Depth	Symbol	Description	Measured Depth (m)	Monitoring Well Details	Recovery (%)	Sample ID	Soil Vapour Concentration* (ppm) CGI/PID	Laboratory Analysis
0		Ground Surface	0.00	No Monitoring Well Installed				
1		Sand (Fill) Orange-brown, with gravel, trace rootlets, moist.			50	S1	0/1	BTEX, PHCs, PAHs, Metals and Inorganics
2		Brown, trace clay, trace gravel below 0.76 mbgs.				S2	0/1	
3					70	S3	0/1	
4						S4	25/1	
5						S5	0/1	Grain Size
6				65		S6	0/1	
7								
8								
9								
10								
11								
12								
13								
14								

Contractor: Strata Drilling Group

Drilling Method: Direct Push

Well Casing Size: NA

Note:

* Soil vapour concentrations measured using a RKI Eagle 2 equipped with a combustible gas indicator (CGI) and a photoionization detector (PID).

Grade Elevation: NM

Top of Casing Elevation: NA

Sheet: 1 of 2



Log of Borehole: BH21-06

Project #: 294348

Logged By: JP

Project: Phase Two Environmental Site Assessment

Client: SCREO I Dixie Outlet Mall LP & CP REIT Ontario Properties Ltd.

Location: 1250 South Service Rd & 1490 Dixie Rd, Mississauga, Ontario

Drill Date: June 22, 2021

SUBSURFACE PROFILE					SAMPLE			
Depth	Symbol	Description	Measured Depth (m)	Monitoring Well Details	Recovery (%)	Sample ID	Soil Vapour Concentration* (ppm) CGI/PID	Laboratory Analysis
15		End of Borehole Sampler refusal encountered at 4.42 mbgs on inferred weathered shale.	4.42	↓				
16								
17								
18								
19								
20								
21								
22								
23								
24								
25								
26								
27								
28								

Contractor: Strata Drilling Group

Drilling Method: Direct Push

Well Casing Size: NA

Note:

* Soil vapour concentrations measured using a RKI Eagle 2 equipped with a combustible gas indicator (CGI) and a photoionization detector (PID).

Grade Elevation: NM

Top of Casing Elevation: NA

Sheet: 2 of 2



Log of Borehole: BH21-07

Project #: 294348

Logged By: AN

Project: Phase Two Environmental Site Assessment

Client: SCREO I Dixie Outlet Mall LP & CP REIT Ontario Properties Ltd.

Location: 1250 South Service Rd & 1490 Dixie Rd, Mississauga, Ontario

Drill Date: June 23, 2021

SUBSURFACE PROFILE					SAMPLE			
Depth	Symbol	Description	Measured Depth (m)	Monitoring Well Details	Recovery (%)	Sample ID	Soil Vapour Concentration* (ppm) CGI/PID	Laboratory Analysis
0		Ground Surface	0.00	No Monitoring Well Installed				
0		Asphalt						
1		Sand Light brown, trace silt, dry to moist.			70	S1	0/0	Metals, OCP, PCB, pH, Grain Size
2		Brown below 0.61 mbgs. Wet below 1.07 mbgs.						
3								
4				No Monitoring Well Installed		S2	25/0	
5		Gravel seam between 1.83 and 1.91 mbgs.						
6		Grey, increasing in silt content below 1.98 mbgs.						
7			2.13		100	S3	30/1	pH
8		Silty Clay Trace to some sand, moist to wet.	2.44					
9		End of Borehole						
10		Sampler refusal encountered at 2.44 mbgs.						
11								
12								
13								
14								

Contractor: Strata Drilling Group

Drilling Method: Direct Push

Well Casing Size: NA

Note:

* Soil vapour concentrations measured using a RKI Eagle 2 equipped with a combustible gas indicator (CGI) and a photoionization detector (PID).

Grade Elevation: NM

Top of Casing Elevation: NA

Sheet: 1 of 1



Log of Borehole: BH21-08

Project #: 294348

Logged By: AN

Project: Phase Two Environmental Site Assessment

Client: SCREO I Dixie Outlet Mall LP & CP REIT Ontario Properties Ltd.

Location: 1250 South Service Rd & 1490 Dixie Rd, Mississauga, Ontario

Drill Date: June 23, 2021

SUBSURFACE PROFILE					SAMPLE			
Depth	Symbol	Description	Measured Depth (m)	Monitoring Well Details	Recovery (%)	Sample ID	Soil Vapour Concentration* (ppm) CGI/PID	Laboratory Analysis
0		Ground Surface	0.00	No Monitoring Well Installed				
0		Asphalt	0.20					
1		Sand and Gravel (Fill)						
2		Sand (Fill) Dark brown, trace to some black silt, dry.	0.76		40	S1	5/0	BTEX, PHCs, PAHs, Metals and Inorganics, OCPs, PCBs, pH
3		Sand Dark brown, trace gravel, dry to moist.						
4		Brown.	1.52					
5		Gravelly Sand Brown, trace silt.						
6								
7					50	S2	0/0	Grain Size, pH
8		Wet below 2.59 mbgs.						
9			3.05					
10		End of Borehole						
11								
12								
13								
14								

Contractor: Strata Drilling Group

Drilling Method: Direct Push

Well Casing Size: NA

Note:
* Soil vapour concentrations measured using a RKI Eagle 2 equipped with a combustible gas indicator (CGI) and a photoionization detector (PID).

Grade Elevation: NM

Top of Casing Elevation: NA

Sheet: 1 of 1



Log of Borehole: BH21-09

Project #: 294348

Logged By: AN

Project: Phase Two Environmental Site Assessment

Client: SCREO I Dixie Outlet Mall LP & CP REIT Ontario Properties Ltd.

Location: 1250 South Service Rd & 1490 Dixie Rd, Mississauga, Ontario

Drill Date: June 23, 2021

SUBSURFACE PROFILE					SAMPLE			
Depth	Symbol	Description	Measured Depth (m)	Monitoring Well Details	Recovery (%)	Sample ID	Soil Vapour Concentration* (ppm) CGI/PID	Laboratory Analysis
0		Ground Surface	0.00	No Monitoring Well Installed				
0		Asphalt						
1		Sand and Gravel (Fill)						
2		Sand (Fill) Dark brown, trace silt, trace gravel, dry.			40	S1	5/0	BTEX, PHCs, PAHs, Metals and Inorganics
3		Oxidation at 0.91 mbgs.	1.22					
4		Sand Brown, trace silt and gravel, dry to moist.	1.52					
5		Dark brown, trace concrete fragments.		No Monitoring Well Installed				
6		Gravelly Sand Dark brown, trace silt, dry to moist.			80	S2	0/0	Grain Size
7		Variable gravel and coarse sand.						
8								
9		Wet below 2.90 mbgs.	3.05					
10		End of Borehole						
11								
12								
13								
14								

Contractor: Strata Drilling Group

Drilling Method: Direct Push

Well Casing Size: NA

Note:
* Soil vapour concentrations measured using a RKI Eagle 2 equipped with a combustible gas indicator (CGI) and a photoionization detector (PID).

Grade Elevation: NM

Top of Casing Elevation: NA

Sheet: 1 of 1



Log of Borehole: BH21-10

Project #: 294348

Logged By: JP

Project: Phase Two Environmental Site Assessment

Client: SCREO I Dixie Outlet Mall LP & CP REIT Ontario Properties Ltd.

Location: 1250 South Service Rd & 1490 Dixie Rd, Mississauga, Ontario

Drill Date: June 22, 2021

SUBSURFACE PROFILE					SAMPLE			
Depth	Symbol	Description	Measured Depth (m)	Monitoring Well Details	Recovery (%)	Sample ID	Soil Vapour Concentration* (ppm) CGI/PID	Laboratory Analysis
0		Ground Surface	0.00	No Monitoring Well Installed				
0		Concrete	0.15					
1		Silty Sand (Fill) Brown.			20	S1	0/1	BTEX, PHCs, PAHs, Metals and Inorganics
5			1.52					
6		Sand Brown, with gravel, wet.		No Monitoring Well Installed	35	S2	0/1	
10								
11					45	S3	0/1	Grain Size
13			3.96			S4	0/1	

Contractor: Strata Drilling Group

Drilling Method: Direct Push

Well Casing Size: NA

Note:

* Soil vapour concentrations measured using a RKI Eagle 2 equipped with a combustible gas indicator (CGI) and a photoionization detector (PID).

Grade Elevation: NM

Top of Casing Elevation: NA

Sheet: 1 of 2



Log of Borehole: BH21-10

Project #: 294348

Logged By: JP

Project: Phase Two Environmental Site Assessment

Client: SCREO I Dixie Outlet Mall LP & CP REIT Ontario Properties Ltd.

Location: 1250 South Service Rd & 1490 Dixie Rd, Mississauga, Ontario

Drill Date: June 22, 2021

SUBSURFACE PROFILE					SAMPLE			
Depth	Symbol	Description	Measured Depth (m)	Monitoring Well Details	Recovery (%)	Sample ID	Soil Vapour Concentration* (ppm) CGI/PID	Laboratory Analysis
15	5	Clayey Silt Grey, trace gravel, wet. With gravel below 4.57 mbgs.	5.18	↓				
16					50	S5	0/1	
17								
18	6	End of Borehole Sampler refusal encountered at 5.18 mbgs on inferred weathered shale.						
19								
20								
21								
22								
23								
24								
25								
26								
27								
28								

Contractor: Strata Drilling Group

Drilling Method: Direct Push

Well Casing Size: NA

Note:
* Soil vapour concentrations measured using a RKI Eagle 2 equipped with a combustible gas indicator (CGI) and a photoionization detector (PID).

Grade Elevation: NM

Top of Casing Elevation: NA

Sheet: 2 of 2



Log of Borehole: MW21-11

Project #: 294348

Logged By: JP

Project: Phase Two Environmental Site Assessment

Client: SCREO I Dixie Outlet Mall LP & CP REIT Ontario Properties Ltd.

Location: 1250 South Service Rd & 1490 Dixie Rd, Mississauga, Ontario

Drill Date: June 22, 2021

SUBSURFACE PROFILE					SAMPLE			
Depth	Symbol	Description	Measured Depth (m)	Monitoring Well Details	Recovery (%)	Sample ID	Soil Vapour Concentration* (ppm) CGI/PID	Laboratory Analysis
0		Ground Surface	0.00					
0		Asphalt						
1		Gravel (Fill)						
2		Sand (Fill) Brown, with gravel, moist.						
3		Wet below 1.37 mbgs.			40	S1	0/1	VOCs, PHCs, PAHs, Metals & Inorganics
4			1.52					
5		Silty Sand Brown, trace gravel, wet.						
6					75	S2	10/0	
7								
8								
9			2.74			S3	0/0	
10		Clayey Silt Grey, trace sand, wet.						
11						S4	50/0	VOCs, PHCs
12					90			
13		Some gravel below 3.96 mbgs. Trace weathered shale below 4.27 mbgs.				S5	15/0	
14								

Contractor: Strata Drilling Group

Drilling Method: Direct Push

Well Casing Size: 5.1 cm

Note:
* Soil vapour concentrations measured using a RKI Eagle 2 equipped with a combustible gas indicator (CGI) and a photoionization detector (PID).

Grade Elevation: NM

Top of Casing Elevation: NM

Sheet: 1 of 2



Log of Borehole: MW21-11

Project #: 294348

Logged By: JP

Project: Phase Two Environmental Site Assessment

Client: SCREO I Dixie Outlet Mall LP & CP REIT Ontario Properties Ltd.

Location: 1250 South Service Rd & 1490 Dixie Rd, Mississauga, Ontario

Drill Date: June 22, 2021

SUBSURFACE PROFILE					SAMPLE			
Depth	Symbol	Description	Measured Depth (m)	Monitoring Well Details	Recovery (%)	Sample ID	Soil Vapour Concentration* (ppm) CGI/PID	Laboratory Analysis
15		End of Borehole	4.42					
16	5							
17		Sampler refusal encountered at 4.42 mbgs on inferred weathered shale.		Water level measured at 1.46 mbgs on July 7, 2021.				
18								
19								
20	6							
21								
22								
23	7							
24								
25								
26	8							
27								
28								

Contractor: Strata Drilling Group

Drilling Method: Direct Push

Well Casing Size: 5.1 cm

Note:

* Soil vapour concentrations measured using a RKI Eagle 2 equipped with a combustible gas indicator (CGI) and a photoionization detector (PID).

Grade Elevation: NM

Top of Casing Elevation: NM

Sheet: 2 of 2



Log of Borehole: MW21-12

Project #: 294348

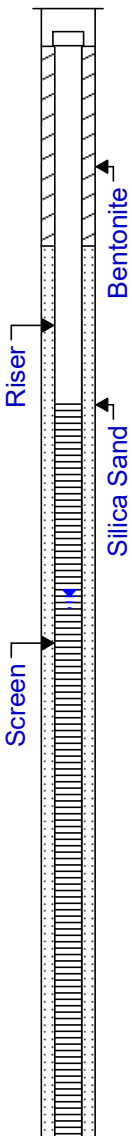
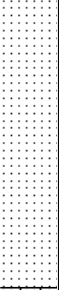
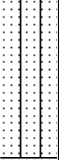
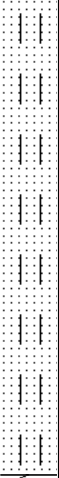
Logged By: SP

Project: Phase Two Environmental Site Assessment

Client: SCREO I Dixie Outlet Mall LP & CP REIT Ontario Properties Ltd.

Location: 1250 South Service Rd & 1490 Dixie Rd, Mississauga, Ontario

Drill Date: June 17, 2021

SUBSURFACE PROFILE					SAMPLE					
Depth	Symbol	Description	Measured Depth (m)	Monitoring Well Details	Recovery (%)	Sample ID	Soil Vapour Concentration* (ppm) CGI/PID	Laboratory Analysis		
0 ft m 0		Ground Surface	0.00							
		Asphalt	0.13							
1		Sand and Gravel (Fill) Brown, dry.								
2		Sand (Fill) Brown, some gravel, black and orange banding, trace brick debris.			50	S1	70/2	BTEX, PHCs, PAHs, Metals & Inorganics		
3										
4										
5			1.52							
6		Sandy Silt Brown, moist.			80	S2	50/4			
7			2.13							
8		Silty Sand Grey, wet.				100	S3		60/4	VOCs, PHCs, PAHs
9										
10										
11										
12			3.96			S4	1450/4			
13										
14		Silty Clay Grey, wet.							S5	105/3

Contractor: Strata Drilling Group

Drilling Method: Direct Push

Well Casing Size: 5.1 cm

Note:
* Soil vapour concentrations measured using a RKI Eagle 2 equipped with a combustible gas indicator (CGI) and a photoionization detector (PID).

Grade Elevation: NM

Top of Casing Elevation: NM

Sheet: 1 of 2



Log of Borehole: MW21-12

Project #: 294348

Logged By: SP

Project: Phase Two Environmental Site Assessment

Client: SCREO I Dixie Outlet Mall LP & CP REIT Ontario Properties Ltd.

Location: 1250 South Service Rd & 1490 Dixie Rd, Mississauga, Ontario

Drill Date: June 17, 2021

SUBSURFACE PROFILE					SAMPLE			
Depth	Symbol	Description	Measured Depth (m)	Monitoring Well Details	Recovery (%)	Sample ID	Soil Vapour Concentration* (ppm) CGI/PID	Laboratory Analysis
15			4.57					
16		Silt Grey, some weathered shale, wet.			100	S6	75/3	
17		End of Borehole	5.18					
18		Sampler refusal encountered at 5.18 mbgs on inferred weathered shale.		Water level measured at 2.26 mbgs on July 8, 2021.				
19								
20								
21								
22								
23								
24								
25								
26								
27								
28								

Contractor: Strata Drilling Group

Drilling Method: Direct Push

Well Casing Size: 5.1 cm

Note:

* Soil vapour concentrations measured using a RKI Eagle 2 equipped with a combustible gas indicator (CGI) and a photoionization detector (PID).

Grade Elevation: NM

Top of Casing Elevation: NM

Sheet: 2 of 2



Log of Borehole: MW21-13

Project #: 294348

Logged By: SP

Project: Phase Two Environmental Site Assessment

Client: SCREO I Dixie Outlet Mall LP & CP REIT Ontario Properties Ltd.

Location: 1250 South Service Rd & 1490 Dixie Rd, Mississauga, Ontario

Drill Date: June 16, 2021

SUBSURFACE PROFILE					SAMPLE			
Depth	Symbol	Description	Measured Depth (m)	Monitoring Well Details	Recovery (%)	Sample ID	Soil Vapour Concentration* (ppm) CGI/PID	Laboratory Analysis
0		Floor Surface	0.00					
0		Concrete	0.15					
1		Sand Brown, trace gravel, dry to moist.			88	S1	0/4	
2						S2	0/3	
3		Trace silty sand seam at 1.07 mbfs.			75	S3	0/3	
4						S4	0/2	
5						S5	5/5	
6		Coarse sand, grey, with sandy silt seam, trace orange coloration between 2.29 and 2.44 mbfs.			100	S6	35/5	VOCs
7						S7	10/1	
8					100			
9		Sandy silt seam between 3.20 and 3.35 mbfs.						
10		Moist to wet below 3.35 mbfs.						
11		Wet below 3.66 mbfs.						
12								
13								
14								

Contractor: Strata Drilling Group

Drilling Method: Direct Push

Well Casing Size: 5.1 cm

Note:

* Soil vapour concentrations measured using a RKI Eagle 2 equipped with a combustible gas indicator (CGI) and a photoionization detector (PID).

Grade Elevation: NM

Top of Casing Elevation: NM

Sheet: 1 of 2



Log of Borehole: MW21-13

Project #: 294348

Logged By: SP

Project: Phase Two Environmental Site Assessment

Client: SCREO I Dixie Outlet Mall LP & CP REIT Ontario Properties Ltd.

Location: 1250 South Service Rd & 1490 Dixie Rd, Mississauga, Ontario

Drill Date: June 16, 2021

SUBSURFACE PROFILE					SAMPLE			
Depth	Symbol	Description	Measured Depth (m)	Monitoring Well Details	Recovery (%)	Sample ID	Soil Vapour Concentration* (ppm) CGI/PID	Laboratory Analysis
15		Silty Clay Grey, wet.	4.42			S8	0/1	VOCs
16			4.88					
5		End of Borehole						
17								
18								
19								
20	6							
21								
22								
23	7							
24								
25								
26	8							
27								
28								

Contractor: Strata Drilling Group

Drilling Method: Direct Push

Well Casing Size: 5.1 cm

Note:

* Soil vapour concentrations measured using a RKI Eagle 2 equipped with a combustible gas indicator (CGI) and a photoionization detector (PID).

Grade Elevation: NM

Top of Casing Elevation: NM

Sheet: 2 of 2



Log of Borehole: MW21-14

Project #: 294348

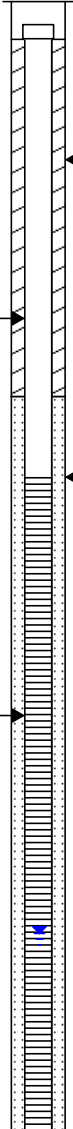
Logged By: SP

Project: Phase Two Environmental Site Assessment

Client: SCREO I Dixie Outlet Mall LP & CP REIT Ontario Properties Ltd.

Location: 1250 South Service Rd & 1490 Dixie Rd, Mississauga, Ontario

Drill Date: June 16, 2021

SUBSURFACE PROFILE					SAMPLE			
Depth	Symbol	Description	Measured Depth (m)	Monitoring Well Details	Recovery (%)	Sample ID	Soil Vapour Concentration* (ppm) CGI/PID	Laboratory Analysis
0		Floor Surface	0.00					
0		Concrete	0.25		80			
1		Sand (Fill) Brown, trace gravel, dry. Trace coal like fragments between 0.46 and 0.51 mbfs.	0.76			S1	35/2	BTEX, PHCs, PAHs, Metals & Inorganics
2		Sand Brown, trace gravel, dry. 7.62 cm of silty clay seam at 2.13 mbfs. Orange oxidation between 2.21 and 2.29 mbfs. Moist to wet below 3.51 mbfs.			83	S2	15/2	
3						S3	15/2	
4					83	S4	0/1	
5						S5	45/1	VOCs, PHCs, PAHs
6					S6	45/2		
7					S7	30/1		
8		Silty Clay Grey, wet.			63			
9								
10								
11								
12								
13								
14								

Contractor: Strata Drilling Group

Drilling Method: Direct Push

Well Casing Size: 3.81 cm

Note:

* Soil vapour concentrations measured using a RKI Eagle 2 equipped with a combustible gas indicator (CGI) and a photoionization detector (PID).

Grade Elevation: NM

Top of Casing Elevation: NM

Sheet: 1 of 2



Log of Borehole: MW21-14

Project #: 294348

Logged By: SP

Project: Phase Two Environmental Site Assessment

Client: SCREO I Dixie Outlet Mall LP & CP REIT Ontario Properties Ltd.

Location: 1250 South Service Rd & 1490 Dixie Rd, Mississauga, Ontario

Drill Date: June 16, 2021

SUBSURFACE PROFILE					SAMPLE			
Depth	Symbol	Description	Measured Depth (m)	Monitoring Well Details	Recovery (%)	Sample ID	Soil Vapour Concentration* (ppm) CGI/PID	Laboratory Analysis
15						S8	5/1	
16			4.88					
17		End of Borehole						
18								
19								
20				Water level measured at 3.58 mbfs on July 9, 2021.				
21								
22								
23								
24								
25								
26								
27								
28								
29								

Contractor: Strata Drilling Group

Drilling Method: Direct Push

Well Casing Size: 3.81 cm

Note:

* Soil vapour concentrations measured using a RKI Eagle 2 equipped with a combustible gas indicator (CGI) and a photoionization detector (PID).

Grade Elevation: NM

Top of Casing Elevation: NM

Sheet: 2 of 2



Log of Borehole: MW21-15

Project #: 294348

Logged By: SP

Project: Phase Two Environmental Site Assessment

Client: SCREO I Dixie Outlet Mall LP & CP REIT Ontario Properties Ltd.

Location: 1250 South Service Rd & 1490 Dixie Rd, Mississauga, Ontario

Drill Date: June 15, 2021

SUBSURFACE PROFILE					SAMPLE			
Depth	Symbol	Description	Measured Depth (m)	Monitoring Well Details	Recovery (%)	Sample ID	Soil Vapour Concentration* (ppm) CGI/PID	Laboratory Analysis
0		Floor Surface	0.00	Bentonite Riser Screen Silica Sand Water level measured at 0.40 mbfs on July 9, 2021.	75			
0		Concrete						
0.25		Silty Sand Wet.	0.25			S1	0/1	VOCs
0.76		Clay Grey, wet.	0.76			S2	0/1	
1.37		Silty Clay Grey, moist.	1.37			S3	0/1	
1.37		Trace weathered shale at 1.22 mbfs.	1.37		100	S4	0/1	
3.05		Inferred Weathered Shale	3.05					
3.05		End of Borehole						
3.05		Sampler refusal encountered at 1.37 mbfs on inferred weathered shale. Augered to 3.05 mbfs to install monitoring well.						

Contractor: Strata Drilling Group

Drilling Method: Direct Push

Well Casing Size: 5.1 cm

Note:

* Soil vapour concentrations measured using a RKI Eagle 2 equipped with a combustible gas indicator (CGI) and a photoionization detector (PID).

Grade Elevation: NM

Top of Casing Elevation: NM

Sheet: 1 of 1



Log of Borehole: MW21-16

Project #: 294348

Logged By: SP

Project: Phase Two Environmental Site Assessment

Client: SCREO I Dixie Outlet Mall LP & CP REIT Ontario Properties Ltd.

Location: 1250 South Service Rd & 1490 Dixie Rd, Mississauga, Ontario

Drill Date: June 15, 2021

SUBSURFACE PROFILE					SAMPLE			
Depth	Symbol	Description	Measured Depth (m)	Monitoring Well Details	Recovery (%)	Sample ID	Soil Vapour Concentration* (ppm) CGI/PID	Laboratory Analysis
0		Floor Surface	0.00		67			
0		Concrete						
1		Silty Sand Brown, trace gravel, wet.	0.46			S1	0/1	
2		Clay Grey, wet.			100	S2	0/1	VOCs, PHCs, PCBs
4		Silty Clay Grey, wet.	1.22			S3	0/1	
6		Moist, trace weathered shale fragments at 1.68 mbfs.				S4	0/1	
7			2.13					
8		Inferred Weathered Shale						
10			3.05					
11		End of Borehole						
12		Sampler refusal encountered at 2.13 mbfs on inferred weathered shale. Augered to 3.05 mbfs to install monitoring well.						
13								
14								

Contractor: Strata Drilling Group

Drilling Method: Direct Push

Well Casing Size: 5.1 cm

Note:

* Soil vapour concentrations measured using a RKI Eagle 2 equipped with a combustible gas indicator (CGI) and a photoionization detector (PID).

Grade Elevation: NM

Top of Casing Elevation: NM

Sheet: 1 of 1



Log of Borehole: MW21-17

Project #: 294348

Logged By: SP/JP

Project: Phase Two Environmental Site Assessment

Client: SCREO I Dixie Outlet Mall LP & CP REIT Ontario Properties Ltd.

Location: 1250 South Service Rd & 1490 Dixie Rd, Mississauga, Ontario

Drill Date: June 18 & 22, 2021

SUBSURFACE PROFILE					SAMPLE			
Depth	Symbol	Description	Measured Depth (m)	Monitoring Well Details	Recovery (%)	Sample ID	Soil Vapour Concentration* (ppm) CGI/PID	Laboratory Analysis
0 ft 0 m		Ground Surface	0.00					
1		No soil sampling. Augered to competent bedrock at 7.47 mbgs. Placed casing and sealed with grout. Advanced through competent bedrock using down-hole-hammer.						
2								
3								
4								
5								
6								
7								
8								
9								
10								
11								
12								
13								
14								

Contractor: Strata Drilling Group

Drilling Method: Auger / Down-Hole-Hammer

Well Casing Size: 5.1 cm

Note:

* Soil vapour concentrations measured using a RKI Eagle 2 equipped with a combustible gas indicator (CGI) and a photoionization detector (PID).

Grade Elevation: NM

Top of Casing Elevation: NM

Sheet: 1 of 4



Log of Borehole: MW21-17

Project #: 294348

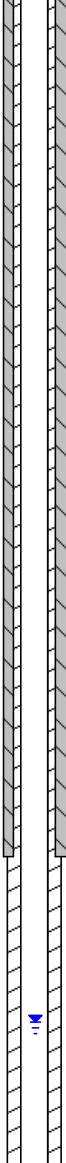
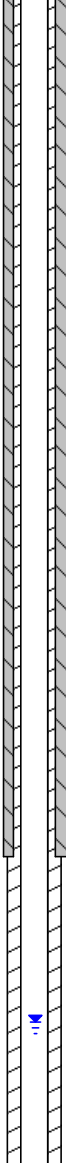
Logged By: SP/JP

Project: Phase Two Environmental Site Assessment

Client: SCREO I Dixie Outlet Mall LP & CP REIT Ontario Properties Ltd.

Location: 1250 South Service Rd & 1490 Dixie Rd, Mississauga, Ontario

Drill Date: June 18 & 22, 2021

SUBSURFACE PROFILE					SAMPLE			
Depth	Symbol	Description	Measured Depth (m)	Monitoring Well Details	Recovery (%)	Sample ID	Soil Vapour Concentration* (ppm) CGI/PID	Laboratory Analysis
15		No soil sampling. Augered to competent bedrock at 7.47 mbgs. Placed casing and sealed with grout. Advanced through competent bedrock using down-hole-hammer.						
16								
17								
18								
19								
20								
21								
22								
23								
24								
25		Competent Bedrock	7.47					
26								
27								
28								

Contractor: Strata Drilling Group

Drilling Method: Auger / Down-Hole-Hammer

Well Casing Size: 5.1 cm

Note:

* Soil vapour concentrations measured using a RKI Eagle 2 equipped with a combustible gas indicator (CGI) and a photoionization detector (PID).

Grade Elevation: NM

Top of Casing Elevation: NM

Sheet: 2 of 4



Log of Borehole: MW21-17

Project #: 294348

Logged By: SP/JP

Project: Phase Two Environmental Site Assessment

Client: SCREO I Dixie Outlet Mall LP & CP REIT Ontario Properties Ltd.

Location: 1250 South Service Rd & 1490 Dixie Rd, Mississauga, Ontario

Drill Date: June 18 & 22, 2021

SUBSURFACE PROFILE					SAMPLE			
Depth	Symbol	Description	Measured Depth (m)	Monitoring Well Details	Recovery (%)	Sample ID	Soil Vapour Concentration* (ppm) CGI/PID	Laboratory Analysis
29	9							
30								
31								
32								
33								
34								
35								
36								
37								
38								
39								
40								
41	10							
42								
43	11							
44								
45								
46	12							
47								
48								
49								

Bentonite

Contractor: Strata Drilling Group

Drilling Method: Auger / Down-Hole-Hammer

Well Casing Size: 5.1 cm

Note:

* Soil vapour concentrations measured using a RKI Eagle 2 equipped with a combustible gas indicator (CGI) and a photoionization detector (PID).

Grade Elevation: NM

Top of Casing Elevation: NM

Sheet: 3 of 4



Log of Borehole: MW21-17

Project #: 294348

Logged By: SP/JP

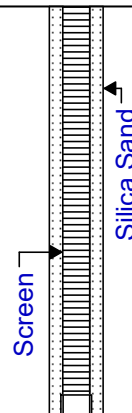
Project: Phase Two Environmental Site Assessment

Client: SCREO I Dixie Outlet Mall LP & CP REIT Ontario Properties Ltd.

Location: 1250 South Service Rd & 1490 Dixie Rd, Mississauga, Ontario

Drill Date: June 18 & 22, 2021

SUBSURFACE PROFILE					SAMPLE			
Depth	Symbol	Description	Measured Depth (m)	Monitoring Well Details	Recovery (%)	Sample ID	Soil Vapour Concentration* (ppm) CGI/PID	Laboratory Analysis
43	13							
44								
45								
46	14							
47			14.33					
48		End of Borehole						
49	15							
50								
51								
52	16							
53								
54								
55								
56	17							



Water level measured at 8.08 mbgs on July 9, 2021.

Contractor: Strata Drilling Group

Drilling Method: Auger / Down-Hole-Hammer

Well Casing Size: 5.1 cm

Note:

* Soil vapour concentrations measured using a RKI Eagle 2 equipped with a combustible gas indicator (CGI) and a photoionization detector (PID).

Grade Elevation: NM

Top of Casing Elevation: NM

Sheet: 4 of 4



Log of Borehole: BH21-18

Project #: 294348

Logged By: JP

Project: Phase Two Environmental Site Assessment

Client: SCREO I Dixie Outlet Mall LP & CP REIT Ontario Properties Ltd.

Location: 1250 South Service Rd & 1490 Dixie Rd, Mississauga, Ontario

Drill Date: June 22, 2021

SUBSURFACE PROFILE					SAMPLE			
Depth	Symbol	Description	Measured Depth (m)	Monitoring Well Details	Recovery (%)	Sample ID	Soil Vapour Concentration* (ppm) CGI/PID	Laboratory Analysis
0 ft 0 m		Ground Surface	0.00	No Monitoring Well Installed				
1		Interlock						
2		Silty Sand (Fill) Brown, trace gravel, moist.			40	S1	15/0	VOCs, PHCs, PAHs, Metals & Inorganics, PCBs
3			1.52					
4								
5		Sand Brown, with gravel, wet.		No Monitoring Well Installed		S2	0/0	
6			2.29		55			
7		Sandy Clayey Silt Brown to grey, trace gravel, wet.				S3	10/0	
8			3.05	No Monitoring Well Installed				
9		End of Borehole						
10								
11								
12								
13								
14								

Contractor: Strata Drilling Group

Drilling Method: Direct Push

Well Casing Size: NA

Note:
* Soil vapour concentrations measured using a RKI Eagle 2 equipped with a combustible gas indicator (CGI) and a photoionization detector (PID).

Grade Elevation: NM

Top of Casing Elevation: NA

Sheet: 1 of 1



Log of Borehole: MW21-19

Project #: 294348

Logged By: SP

Project: Phase Two Environmental Site Assessment

Client: SCREO I Dixie Outlet Mall LP & CP REIT Ontario Properties Ltd.

Location: 1250 South Service Rd & 1490 Dixie Rd, Mississauga, Ontario

Drill Date: June 17, 2021

SUBSURFACE PROFILE					SAMPLE			
Depth	Symbol	Description	Measured Depth (m)	Monitoring Well Details	Recovery (%)	Sample ID	Soil Vapour Concentration* (ppm) CGI/PID	Laboratory Analysis
0 ft 0 m		Ground Surface	0.00		70			
		Asphalt	0.15					
1		Sand Brown, trace gravel, moist.				S1	110/1	
2								
3					63	S2	95/2	
4								
5								
6						S3	150/3	
7								
8		Grey.			83	S4	85/2	VOCs, PHCs, PAHs
9		Brown below 2.90 mbgs.						
10		With gravel below 3.05 mbgs.						
11		Wet below 3.66 mbgs.				S5	580/3	
12								
13								
14			4.11			S6	70/2	

Contractor: Strata Drilling Group

Drilling Method: Direct Push

Well Casing Size: 5.1 cm

Note:

* Soil vapour concentrations measured using a RKI Eagle 2 equipped with a combustible gas indicator (CGI) and a photoionization detector (PID).

Grade Elevation: NM

Top of Casing Elevation: NM

Sheet: 1 of 2



Log of Borehole: MW21-19

Project #: 294348

Logged By: SP

Project: Phase Two Environmental Site Assessment

Client: SCREO I Dixie Outlet Mall LP & CP REIT Ontario Properties Ltd.

Location: 1250 South Service Rd & 1490 Dixie Rd, Mississauga, Ontario

Drill Date: June 17, 2021

SUBSURFACE PROFILE					SAMPLE			
Depth	Symbol	Description	Measured Depth (m)	Monitoring Well Details	Recovery (%)	Sample ID	Soil Vapour Concentration* (ppm) CGI/PID	Laboratory Analysis
15		Silty Clay Brown, wet.	6.10					
16		Grey below 4.42 mbgs.						
17								
18								
19		Trace shale fragments at 5.94 mbgs.						
20	6							
21		End of Borehole						
22								
23	7							
24								
25								
26	8							
27								
28								

Contractor: Strata Drilling Group

Drilling Method: Direct Push

Well Casing Size: 5.1 cm

Note:

* Soil vapour concentrations measured using a RKI Eagle 2 equipped with a combustible gas indicator (CGI) and a photoionization detector (PID).

Grade Elevation: NM

Top of Casing Elevation: NM

Sheet: 2 of 2



Log of Borehole: MW21-20

Project #: 294348

Logged By: SP

Project: Phase Two Environmental Site Assessment

Client: SCREO I Dixie Outlet Mall LP & CP REIT Ontario Properties Ltd.

Location: 1250 South Service Rd & 1490 Dixie Rd, Mississauga, Ontario

Drill Date: June 17, 2021

SUBSURFACE PROFILE					SAMPLE			
Depth	Symbol	Description	Measured Depth (m)	Monitoring Well Details	Recovery (%)	Sample ID	Soil Vapour Concentration* (ppm) CGI/PID	Laboratory Analysis
0		Ground Surface	0.00		60			
0		Asphalt						
1		Sand and Gravel (Fill)			60	S1	70/2	EC, SAR
2		Sand						
2		Brown, moist.			68	S2	50/3	
3		Wet below 1.22 mbgs.						
4			1.22		68	S3	65/4	
5		Silty Sand						
5		Brown, wet.			100	S4	70/3	
6								
7					100	S5	75/4	
8			2.59					
9		Silty Clay			100	S6	75/8	VOCs
9		Grey, wet.						
10					100	S7	75/5	
11			3.51					
12		Silt						
12		Grey, moist.						
13		Some weathered shale.						
13		Sampler refusal at 4.27 mbgs.						
14			4.27					
14		End of Borehole						

Contractor: Strata Drilling Group

Drilling Method: Direct Push

Well Casing Size: 5.1 cm

Note:

* Soil vapour concentrations measured using a RKI Eagle 2 equipped with a combustible gas indicator (CGI) and a photoionization detector (PID).

Grade Elevation: NM

Top of Casing Elevation: NM

Sheet: 1 of 1



Log of Borehole: MW21-21

Project #: 294348

Logged By: SP

Project: Phase Two Environmental Site Assessment

Client: SCREO I Dixie Outlet Mall LP & CP REIT Ontario Properties Ltd.

Location: 1250 South Service Rd & 1490 Dixie Rd, Mississauga, Ontario

Drill Date: June 18, 2021

SUBSURFACE PROFILE					SAMPLE			
Depth	Symbol	Description	Measured Depth (m)	Monitoring Well Details	Recovery (%)	Sample ID	Soil Vapour Concentration* (ppm) CGI/PID	Laboratory Analysis
0		Ground Surface	0.00		73			
0		Asphalt						
0.25		Sand and Gravel (Fill) Brown, moist to wet.	0.25					
1		Sand Brown, trace gravel, moist.				S1	0/2	
2								
3					92	S2	0/3	VOCs
4		Grey, moist to wet below 1.52 mbgs.						
5								
6					100	S3	0/2	
7		Wet below 2.13 mbgs.						
8			2.29			S4	0/2	
9		Silty Clay Brown and grey, trace gravel, wet.						
10						S5	0/1	
11								
12						S6	0/1	
13								
14			4.27					

Contractor: Strata Drilling Group

Drilling Method: Direct Push

Well Casing Size: 5.1 cm

Note:

* Soil vapour concentrations measured using a RKI Eagle 2 equipped with a combustible gas indicator (CGI) and a photoionization detector (PID).

Grade Elevation: NM

Top of Casing Elevation: NM

Sheet: 1 of 2



Log of Borehole: MW21-21

Project #: 294348

Logged By: SP

Project: Phase Two Environmental Site Assessment

Client: SCREO I Dixie Outlet Mall LP & CP REIT Ontario Properties Ltd.

Location: 1250 South Service Rd & 1490 Dixie Rd, Mississauga, Ontario

Drill Date: June 18, 2021

SUBSURFACE PROFILE					SAMPLE			
Depth	Symbol	Description	Measured Depth (m)	Monitoring Well Details	Recovery (%)	Sample ID	Soil Vapour Concentration* (ppm) CGI/PID	Laboratory Analysis
15		Weathered Shale	4.57			S7	0/1	
16		End of Borehole						
17								
18								
19								
20								
21								
22								
23								
24								
25								
26								
27								
28								

Contractor: Strata Drilling Group

Drilling Method: Direct Push

Well Casing Size: 5.1 cm

Note:

* Soil vapour concentrations measured using a RKI Eagle 2 equipped with a combustible gas indicator (CGI) and a photoionization detector (PID).

Grade Elevation: NM

Top of Casing Elevation: NM

Sheet: 2 of 2



Log of Borehole: BH21-22

Project #: 294348

Logged By: AN

Project: Phase Two Environmental Site Assessment

Client: SCREO I Dixie Outlet Mall LP & CP REIT Ontario Properties Ltd.

Location: 1250 South Service Rd & 1490 Dixie Rd, Mississauga, Ontario

Drill Date: June 23, 2021

SUBSURFACE PROFILE					SAMPLE			
Depth	Symbol	Description	Measured Depth (m)	Monitoring Well Details	Recovery (%)	Sample ID	Soil Vapour Concentration* (ppm) CGI/PID	Laboratory Analysis
0		Ground Surface	0.00	No Monitoring Well Installed				
0		Asphalt						
1		Sand and Gravel (Fill)	0.28					
2		Sand (Fill) Brown, trace gravel.	0.61		35	S1	0/1	BTEX, PHCs, PAHs, Metals and Inorganics, PCBs
3		Sandy Silt (Fill) Dark grey, trace to some clay, trace gravel, trace brick fragments, moist.	1.52					
6		Gravelly Sand Grey, trace to some rock fragments, trace organic odours.			60	S2	0/1	
8		Brown sandy silt seam between 2.13 and 2.21 mbgs.	2.59					
9		Sand Dark grey, trace silt, moist.	3.05			S3	0/0	Grain Size
10		End of Borehole						
11								
12								
13								
14								

Contractor: Strata Drilling Group

Drilling Method: Direct Push

Well Casing Size: NA

Note:
* Soil vapour concentrations measured using a RKI Eagle 2 equipped with a combustible gas indicator (CGI) and a photoionization detector (PID).

Grade Elevation: NM

Top of Casing Elevation: NA

Sheet: 1 of 1



Log of Borehole: BH21-23

Project #: 294348

Logged By: AN

Project: Phase Two Environmental Site Assessment

Client: SCREO I Dixie Outlet Mall LP & CP REIT Ontario Properties Ltd.

Location: 1250 South Service Rd & 1490 Dixie Rd, Mississauga, Ontario

Drill Date: June 23, 2021

SUBSURFACE PROFILE					SAMPLE			
Depth	Symbol	Description	Measured Depth (m)	Monitoring Well Details	Recovery (%)	Sample ID	Soil Vapour Concentration* (ppm) CGI/PID	Laboratory Analysis
0		Ground Surface	0.00	No Monitoring Well Installed				
0		Asphalt	0.20					
1		Sand and Gravel (Fill)						
1		Sandy Silt (Fill) Dark grey, trace gravel, trace wood and brick fragments, dry to moist.			35	S1	0/1	BTEX, PHCs, PAHs, Metals and Inorganics, OCPs, PCBs, pH
4		Sand (Fill) Black, trace to some silt, moist.	1.22					
5		Sand Brown, trace silt, dry to moist.	1.52					
6		Oxidation, grey/black banding below 1.83 mbgs.		No Monitoring Well Installed				
7		Wet below 2.29 mbgs.			40	S2	0/0	pH
8		Grey below 2.59 mbgs.						
10		End of Borehole	3.05					
11								
12								
13								
14								

Contractor: Strata Drilling Group

Drilling Method: Direct Push

Well Casing Size: NA

Note:
* Soil vapour concentrations measured using a RKI Eagle 2 equipped with a combustible gas indicator (CGI) and a photoionization detector (PID).

Grade Elevation: NM

Top of Casing Elevation: NA

Sheet: 1 of 1



Log of Borehole: BH21-24

Project #: 294348

Logged By: AN

Project: Phase Two Environmental Site Assessment

Client: SCREO I Dixie Outlet Mall LP & CP REIT Ontario Properties Ltd.

Location: 1250 South Service Rd & 1490 Dixie Rd, Mississauga, Ontario

Drill Date: June 23, 2021

SUBSURFACE PROFILE					SAMPLE			
Depth	Symbol	Description	Measured Depth (m)	Monitoring Well Details	Recovery (%)	Sample ID	Soil Vapour Concentration* (ppm) CGI/PID	Laboratory Analysis
0		Ground Surface	0.00	No Monitoring Well Installed				
0		Asphalt						
1		Sand (Fill) Brown, with rock fragments.						
2		Sandy Silt (Fill) Dark grey, trace gravel, grey mottling.						
3		Dark blue crushed rock between 0.91 and 1.07 mbgs.	1.07		60	S1	0/0	BTEX, PHCs, PAHs, Metals and Inorganics, OCPs, PCBs, pH
4		Sand Light brown, trace silt, dry to moist.				S2	0/1	
5								
6		Wet below 1.98 mbgs.		No Monitoring Well Installed		S3	0/1	
7								
8		Increase in silt content below 2.44 mbgs.			70			
9		Clayey silt seam between 2.59 and 2.67 mbgs				S4	0/1	
10			3.05					
11		End of Borehole						
12								
13								
14								

Contractor: Strata Drilling Group

Drilling Method: Direct Push

Well Casing Size: NA

Note:

* Soil vapour concentrations measured using a RKI Eagle 2 equipped with a combustible gas indicator (CGI) and a photoionization detector (PID).

Grade Elevation: NM

Top of Casing Elevation: NA

Sheet: 1 of 1



Log of Borehole: MW21-25

Project #: 294348

Logged By: JP

Project: Phase Two Environmental Site Assessment

Client: SCREO I Dixie Outlet Mall LP & CP REIT Ontario Properties Ltd.

Location: 1250 South Service Rd & 1490 Dixie Rd, Mississauga, Ontario

Drill Date: June 22, 2021

SUBSURFACE PROFILE					SAMPLE			
Depth	Symbol	Description	Measured Depth (m)	Monitoring Well Details	Recovery (%)	Sample ID	Soil Vapour Concentration* (ppm) CGI/PID	Laboratory Analysis
0		Ground Surface	0.00					
1		Sand (Fill) Brown, trace topsoil, trace gravel, moist.						
2								
3								
4		Brown and grey, moist to wet below 1.52 mbgs.						
5								
6								
7		Wet below 2.29 mbgs.	2.29					
8		Silty Sand Grey, trace clay, trace gravel, vet wet.						
9								
10								
11								
12			3.66					
13		Clayey Silt Grey, trace sand, wet. Some gravel below 3.96 mbgs. Trace weathered shale below 4.27 mbgs.						
14								

Contractor: Strata Drilling Group

Drilling Method: Direct Push

Well Casing Size: 5.1 cm

Note:

* Soil vapour concentrations measured using a RKI Eagle 2 equipped with a combustible gas indicator (CGI) and a photoionization detector (PID).

Grade Elevation: NM

Top of Casing Elevation: NM

Sheet: 1 of 2



Log of Borehole: MW21-25

Project #: 294348

Logged By: JP

Project: Phase Two Environmental Site Assessment

Client: SCREO I Dixie Outlet Mall LP & CP REIT Ontario Properties Ltd.

Location: 1250 South Service Rd & 1490 Dixie Rd, Mississauga, Ontario

Drill Date: June 22, 2021

SUBSURFACE PROFILE					SAMPLE			
Depth	Symbol	Description	Measured Depth (m)	Monitoring Well Details	Recovery (%)	Sample ID	Soil Vapour Concentration* (ppm) CGI/PID	Laboratory Analysis
15		Weathered Shale	4.44					
		End of Borehole	4.57					
16								
17								
18								
19								
20								
21								
22								
23								
24								
25								
26								
27								
28								

Contractor: Strata Drilling Group

Drilling Method: Direct Push

Well Casing Size: 5.1 cm

Note:

* Soil vapour concentrations measured using a RKI Eagle 2 equipped with a combustible gas indicator (CGI) and a photoionization detector (PID).

Grade Elevation: NM

Top of Casing Elevation: NM

Sheet: 2 of 2



Log of Borehole: BH21-26

Project #: 294348

Logged By: SP

Project: Phase Two Environmental Site Assessment

Client: SCREO I Dixie Outlet Mall LP & CP REIT Ontario Properties Ltd.

Location: 1250 South Service Rd & 1490 Dixie Rd, Mississauga, Ontario

Drill Date: June 17, 2021

SUBSURFACE PROFILE					SAMPLE			
Depth	Symbol	Description	Measured Depth (m)	Monitoring Well Details	Recovery (%)	Sample ID	Soil Vapour Concentration* (ppm) CGI/PID	Laboratory Analysis
0 ft 0 m		Ground Surface	0.00	No Monitoring Well Installed				
		Asphalt	0.13					
1		Sand Brown, trace orange banding, moist.			43	S1	45/1	BTEX, PHCs, PAHs, Metals and Inorganics, PCBs
3		Grey, sandy silt seam between 1.07 and 1.14 mbgs.						
2								
6				No Monitoring Well Installed	57	S2	65/2	VOCs
8		Wet below 2.59 mbgs. Some gravel between 2.59 and 2.74 mbgs.						
3			3.05			S3	35/3	VOCs
10		Sandy Silt Brown, wet.		No Monitoring Well Installed		S4	25/2	
12			3.81		45			
4		Silty Sand Grey, wet.				S5	20/1	
14								

Contractor: Strata Drilling Group

Drilling Method: Direct Push

Well Casing Size: NA

Note:
* Soil vapour concentrations measured using a RKI Eagle 2 equipped with a combustible gas indicator (CGI) and a photoionization detector (PID).

Grade Elevation: NM

Top of Casing Elevation: NA

Sheet: 1 of 2



Log of Borehole: BH21-26

Project #: 294348

Logged By: SP

Project: Phase Two Environmental Site Assessment

Client: SCREO I Dixie Outlet Mall LP & CP REIT Ontario Properties Ltd.

Location: 1250 South Service Rd & 1490 Dixie Rd, Mississauga, Ontario

Drill Date: June 17, 2021

SUBSURFACE PROFILE					SAMPLE			
Depth	Symbol	Description	Measured Depth (m)	Monitoring Well Details	Recovery (%)	Sample ID	Soil Vapour Concentration* (ppm) CGI/PID	Laboratory Analysis
15			4.57	↓				
16		End of Borehole						
17								
18								
19								
20								
21								
22								
23								
24								
25								
26								
27								
28								

Contractor: Strata Drilling Group

Drilling Method: Direct Push

Well Casing Size: NA

Note:

* Soil vapour concentrations measured using a RKI Eagle 2 equipped with a combustible gas indicator (CGI) and a photoionization detector (PID).

Grade Elevation: NM

Top of Casing Elevation: NA

Sheet: 2 of 2



Log of Borehole: BH21-27

Project #: 294348

Logged By: AN

Project: Phase Two Environmental Site Assessment

Client: SCREO I Dixie Outlet Mall LP & CP REIT Ontario Properties Ltd.

Location: 1250 South Service Rd & 1490 Dixie Rd, Mississauga, Ontario

Drill Date: June 23, 2021

SUBSURFACE PROFILE					SAMPLE			
Depth	Symbol	Description	Measured Depth (m)	Monitoring Well Details	Recovery (%)	Sample ID	Soil Vapour Concentration* (ppm) CGI/PID	Laboratory Analysis
0 ft 0 m		Ground Surface	0.00	No Monitoring Well Installed				
	▲▲▲	Asphalt						
1	▨	Gravel (Fill)						
2	●	Sand			40	S1	20/1	BTEX, PHCs, PAHs, PCBs, pH
3		Light brown, trace gravel, dry to moist.						
4		No gravel below 0.61 mbgs.						
5								
6								
7		Trace silt, moist below 1.98 mbgs.	2.13			S2	15/0	
8	●	Gravelly Sand	2.44		80			
9	▨	Clayey Silt	2.59			S3	15/0	
10	▨	Weathered Shale	2.90					
11		Grey, trace to some sand, moist.						
12		Grey, trace clay, dry.						
13		End of Borehole						
14		Sampler refusal encountered at 2.90 mbgs on inferred weathered shaled.						

Contractor: Strata Drilling Group

Drilling Method: Direct Push

Well Casing Size: NA

Note:

* Soil vapour concentrations measured using a RKI Eagle 2 equipped with a combustible gas indicator (CGI) and a photoionization detector (PID).

Grade Elevation: NM

Top of Casing Elevation: NA

Sheet: 1 of 1



Log of Borehole: MW21-28

Project #: 294348

Logged By: SP

Project: Phase Two Environmental Site Assessment

Client: SCREO I Dixie Outlet Mall LP & CP REIT Ontario Properties Ltd.

Location: 1250 South Service Rd & 1490 Dixie Rd, Mississauga, Ontario

Drill Date: June 17, 2021

SUBSURFACE PROFILE					SAMPLE			
Depth	Symbol	Description	Measured Depth (m)	Monitoring Well Details	Recovery (%)	Sample ID	Soil Vapour Concentration* (ppm) CGI/PID	Laboratory Analysis
0		Ground Surface	0.00		40			
0		Asphalt	0.15					
1		Sand and Gravel Brown, moist to wet.						
2		Sand Brown, trace gravel, moist.				S1	45/1	
3								
4			1.52		67	S2	75/2	
5		Sandy Silt Brown, moist to wet.						
6			2.13			S3	40/2	
7		Sand Brown, wet.			80	S4	95/2	VOCs
8			3.05					
9		Sandy Clayey Silt Brownish-grey, wet.				S5	55/2	
10								
11								
12								
13			4.11					
14		Clayey Silt Grey, wet.						

Contractor: Strata Drilling Group

Drilling Method: Direct Push

Well Casing Size: 5.1 cm

Note:
* Soil vapour concentrations measured using a RKI Eagle 2 equipped with a combustible gas indicator (CGI) and a photoionization detector (PID).

Grade Elevation: NM

Top of Casing Elevation: NM

Sheet: 1 of 2



Log of Borehole: MW21-28

Project #: 294348

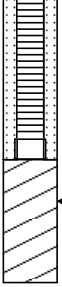
Logged By: SP

Project: Phase Two Environmental Site Assessment

Client: SCREO I Dixie Outlet Mall LP & CP REIT Ontario Properties Ltd.

Location: 1250 South Service Rd & 1490 Dixie Rd, Mississauga, Ontario

Drill Date: June 17, 2021

SUBSURFACE PROFILE					SAMPLE			
Depth	Symbol	Description	Measured Depth (m)	Monitoring Well Details	Recovery (%)	Sample ID	Soil Vapour Concentration* (ppm) CGI/PID	Laboratory Analysis
15			4.57	 Cave-In				
16		Sandy Silt Grey, with weathered shale fragments, moist.			100	S6	10/1	
17			5.33					
18		End of Borehole						
19								
20								
21								
22								
23								
24								
25								
26								
27								
28								

Water level measured at 2.32 mbgs on July 9, 2021.

Contractor: Strata Drilling Group

Drilling Method: Direct Push

Well Casing Size: 5.1 cm

Note:

* Soil vapour concentrations measured using a RKI Eagle 2 equipped with a combustible gas indicator (CGI) and a photoionization detector (PID).

Grade Elevation: NM

Top of Casing Elevation: NM

Sheet: 2 of 2



Log of Borehole: MW21-29

Project #: 294348

Logged By: JP

Project: Phase Two Environmental Site Assessment

Client: SCREO I Dixie Outlet Mall LP & CP REIT Ontario Properties Ltd.

Location: 1250 South Service Rd & 1490 Dixie Rd, Mississauga, Ontario

Drill Date: June 21, 2021

SUBSURFACE PROFILE					SAMPLE			
Depth	Symbol	Description	Measured Depth (m)	Monitoring Well Details	Recovery (%)	Sample ID	Soil Vapour Concentration* (ppm) CGI/PID	Laboratory Analysis
0		Ground Surface	0.00					
0		Asphalt						
1		Gravel (Fill)						
2		Sand (Fill) Grey and black, with gravel, with topsoil.			40	S1	70/1	BTEX, PHCs, PAHs, Metals & Inorganics
3		Wet below 1.37 mbgs.	1.52					
4								
5		Silty Sand Brown to grey, trace gravel, wet.						
6		Sand seam between 2.44 and 2.59 mbgs.	2.59		80	S2	15/1	
7								
8		Sandy Clayey Silt Brown, trace gravel, wet.	2.90			S3	0/0	pH
9		End of Borehole						
10		Sampler refusal encountered at 2.90 mbgs on inferred weathered shale.						
11								
12								
13								
14								

Contractor: Strata Drilling Group

Drilling Method: Direct Push

Well Casing Size: 5.1 cm

Note:

* Soil vapour concentrations measured using a RKI Eagle 2 equipped with a combustible gas indicator (CGI) and a photoionization detector (PID).

Grade Elevation: NM

Top of Casing Elevation: NM

Sheet: 1 of 1



Log of Borehole: MW21-30

Project #: 294348

Logged By: SP

Project: Phase Two Environmental Site Assessment

Client: SCREO I Dixie Outlet Mall LP & CP REIT Ontario Properties Ltd.

Location: 1250 South Service Rd & 1490 Dixie Rd, Mississauga, Ontario

Drill Date: June 15, 2021

SUBSURFACE PROFILE					SAMPLE			
Depth	Symbol	Description	Measured Depth (m)	Monitoring Well Details	Recovery (%)	Sample ID	Soil Vapour Concentration* (ppm) CGI/PID	Laboratory Analysis
0		Floor Surface	0.00		89			
0		Concrete	0.13					
1		Silty Sand Brown, trace gravel, wet.	0.28			S1	70/2	BTEX, PHCs, PAHs, PCBs
2		Weathered Shale				S2	50/2	
3		Inferred Weathered Shale	0.91					
4		End of Borehole	1.22					
5		Sampler refusal encountered at 0.91 mbfs on inferred weathered shale.						
6		Auger refusal encountered at 1.22 mbfs.						
7								
8								
9								
10								
11								
12								
13								
14								

Contractor: Strata Drilling Group

Drilling Method: Direct Push

Well Casing Size: 5.1 cm

Note:

* Soil vapour concentrations measured using a RKI Eagle 2 equipped with a combustible gas indicator (CGI) and a photoionization detector (PID).

Grade Elevation: NM

Top of Casing Elevation: NM

Sheet: 1 of 1

APPENDIX III
Summary Tables



TABLE 1
SAMPLES SUBMITTED FOR LABORATORY ANALYSIS
SCREO I Dixie Outlet Mall LP & CP REIT Ontario Properties Limited
1250 South Service Road, Mississauga, Ontario

Samples			Parameters														Rationale/Notes	
Borehole/ Monitoring Well ID	Sample ID	Sample Depth Range (mbs)	PHCS (F1-F4) & BTEX	VOCs	PAHs	Metals	Inorganics	PCBs	OC/Pesticides	pH	Grain Size Distribution	TCLP	PHCS (F1-F4)	PHCS (F1-F4) & BTEX	VOCs	PAHs		Sodium/Chloride Metals/Inorganics
MW-2	MW-2	NA												●				Confirm groundwater quality in relation to an off-Site auto repair facility.
BH/MW 101	MW 101	NA															●	Confirm and/or delineate groundwater quality in relation for former salt storage in the southeastern portion of the Phase Two Property.
BH/MW 102	BH/MW 102	NA																
BH/MW 103	MW 103	NA															●	Confirm groundwater quality as previously reported (as related to VOC impacts and/or delineation).
MW09-1	MW09-1	NA														●		Confirm groundwater quality in relation to an off-Site auto repair facility.
MW09-5	MW09-5	NA														●		
	DUP2-090721	NA												●		●		
MW14-2	MW14-2	NA														●		Confirm groundwater quality as previously reported (as related to VOC impacts and/or delineation).
MW14-3	MW14-3	NA														●		
MW14-4	MW14-4	NA														●		Laterally delineate groundwater impacts identified at MW15-4.
MW14-6	MW14-6	NA														●		
MW14-7	MW14-7	NA														●		
MW14-8	MW14-8	NA														●		Confirm groundwater quality as previously reported (as related to VOC impacts and/or delineation).
MW14-9	MW14-9	NA														●		
MW14-10	MW14-10	NA														●		
MW14-11	MW14-11	NA														●		
MW14-12	MW14-12	NA														●		
MW15-2	MW15-2	NA															●	Confirm and/or delineate groundwater quality in relation for former salt storage in the southeastern portion of the Phase Two Property.
MW15-4	MW15-4	NA														●		
MW15-5	MW15-5	NA														●		
	DUP03-070921	NA														●		
MW15-6	MW15-06	NA														●		
MW16-2	MW16-2	NA														●		
MW16-3	MW16-3	NA														●		
MW16-4	MW16-4	NA														●		
MW16-5	MW16-5	NA														●		Confirm groundwater quality as previously reported (as related to VOC impacts and/or delineation).
MW16-7	MW16-7	NA														●		
MW17-1	MW17-1	NA														●		
MW17-2	MW17-2	NA														●		
MW17-3	MW17-3	NA														●		
MW17-4	MW17-4	NA														●		
MW17-5	MW17-5	NA														●		
BH21-01	BH21-01 S2	1.5-2.3																Assess soil quality in relation to fill material. Confirm applicable MECP standards.
MW21-02	MW21-02	NA																Assess soil quality in relation to fill material, historical orchard in the central and eastern portions and staining near hydraulic compactor northwest of Site Building A; laterally delineate VOC groundwater impacts identified at MW14-2.
	MW21-02-1	0.3-1.5*	●		●	●	●	●	●									
MW21-03	MW21-03	NA														●		
	MW21-03 S3	1.2-2.0*		●														
MW21-04	MW21-04	NA														●		Assess soil and groundwater quality in relation to the former dry cleaner in the central-north portion of Site Building A; laterally delineate VOC groundwater impacts identified at MW14-2.
	MW21-04 S1	0.15-0.46*		●														
MW21-05	MW21-05	NA														●		
	MW21-05 S2	0.30-0.38*		●														
BH21-06	BH21-06-1	0.0-0.76	●		●	●	●	●										Assess soil quality in relation to fill material, former salt storage and oil-cooled transforming equipment in the southeastern portion of the Phase Two Property. Confirm applicable MECP standards.
	BH21-06-5	3.1-3.8																
BH21-07	BH21-07 S1	0.15-0.76					●		●	●	●	●						
	BH21-07 S3	1.5-2.4										●						
BH21-08	BH21-08 S1	0.15-1.5	●		●	●	●	●	●	●								Assess soil quality in relation to fill material and historical orchard in eastern and central portions. Confirm applicable MECP standards.
	BH21-08 S2	1.5-3.1										●						
BH21-09	BH21-09 S1	0.15-1.5	●		●	●	●											Assess soil quality in relation to fill material. Confirm applicable MECP standards.
	BH21-09 S2	1.5-3.1										●						
BH21-10	BH21-10-1	0.15-1.5	●		●	●	●											Assess soil quality in relation to fill material and staining near hydraulic compactor southeast of Site Building A. Confirm applicable MECP standards.
	BH21-10-3	3.1-4.0									●							
	MW21-11	NA											●			●		
	DUP02-070521	NA											●			●		Assess soil quality in relation to fill material; assess soil and groundwater quality in relation to historical septic field.
	MW21-11-1	0.15-1.5	●	●	●	●	●											
	MW21-11-4	3.1-3.8	●	●														
	MW21-12	NA														●		
MW21-12	MW21-12 S1	0.20-1.5	●		●	●	●											Assess soil and/or groundwater quality in relation to fill material and historical dry-cleaner in south-central portion of Site Building A; laterally delineate groundwater VOC impacts identified at MW15-4 or 14-7; laterally delineate groundwater VOC impacts identified at MW16-3. Confirm applicable MECP standards.
	DUP2-170621	0.20-1.5	●		●	●	●				●							
	MW21-12 S4	3.1-4.0	●	●	●													
	MW21-13	NA														●		
MW21-13	MW21-13 S6	3.1-3.7		●														Assess soil and groundwater quality in relation to historical dry-cleaner in south-central portion of Site Building A; laterally delineate groundwater VOC impacts identified at MW15-4 or 14-7.
	DUP1-160621	3.1-3.7		●														
	MW21-13 S8	4.4-4.9		●														
	MW21-14	NA											●			●		
MW21-14	MW21-14 S1	0.25-0.76	●		●	●	●											Assess soil and groundwater quality in relation to former oil tanks; laterally delineate groundwater VOC impacts identified at MW15-4.
	MW21-14 S6	3.1-3.7	●	●	●													
	DUP2-160621	3.1-3.7	●	●	●													
MW21-15	MW21-15	NA														●		
	MW21-15 S1	0.10-0.25*			●													Laterally delineate groundwater VOC impacts identified at MW15-4 or 14-7.
MW21-16	MW21-16	NA																Assess soil and/or groundwater quality in relation to historical dry-cleaner and oil-cooled transforming equipment in south-central portion of Site Building A.
	MW21-16 S2	0.46-1.2*	●	●					●									
	MW21-17	NA																Assess soil and/or groundwater in relation to poor quality backfill of remedial excavation and historical dry cleaners near south-central portion of Site Building A; vertically delineate VOC groundwater impacts identified at MW17-5.
	DUP01-070921	NA														●		
BH21-18	BH21-18-1	0.3-1.5	●	●	●	●		●										Assess soil quality in relation to fill material, on-Site fuel ASTs, historical dry cleaners near south-central portion of Site Building A and oil-cooled transforming equipment.
	DUP01-062221	0.3-1.5							●									
	MW21-19	NA														●		
MW21-19	DUP-080721	NA														●		
	MW21-19 S5	3.1-4.1	●	●	●													Assess soil quality in relation to fill material; laterally delineate groundwater VOC impacts identified at MW16-7.
	DUP1-170621	3.1-4.1	●	●	●													
MW21-20	MW21-20	NA														●	●	
	MW21-20 S1	0.15-0.76						●										Assess soil and/or groundwater quality in relation to fill material, historical dry cleaners in the south-central portion of Site Building A and current bulk salt storage; laterally delineate groundwater VOC impacts identified at MW14-10.
	MW21-20 S6	3.5-4.0		●														
MW21-21	MW21-21	NA														●		Assess soil and/or groundwater quality in relation to fill material, historical dry cleaners in the south-central portion of Site Building A; laterally delineate groundwater VOC impacts identified at MW14-10.
	MW21-21 S2	0.76-1.5		●														
BH21-22	BH21-22 S1	0.15-1.5	●		●	●	●	●										Assess soil quality in relation to fill material and oil-cooled transforming equipment east of the central-north portion of Site Building A. Confirm applicable MECP standards.
	BH21-22 S3	2.6-3.1																
BH21-23	BH21-23 S1	0.15-1.5	●		●	●	●	●	●	●								
	BH21-23 S2	1.5-3																

Notes:

PHCS (F1-F4)

BTEX

VOCs

PAHs

OC Pesticides

TCLP

mbgs

MECP

Petroleum Hydrocarbons (Fraction 1 to Fraction 4)

Volatile Organic Compounds

Polycyclic Aromatic Hydrocarbons

Polychlorinated Biphenyls



TABLE 2
GROUNDWATER MONITORING WELL ELEVATIONS AND CONSTRUCTION DETAILS
SCREO I Dixie Outlet Mall LP & CP REIT Ontario Properties Limited
1250 South Service Road and 1490 Dixie Road, Mississauga, Ontario

Monitoring Well	Top of Pipe Elevation (mamsl)	Ground Surface Elevation (mamsl)	Well Construction Details						
			Total Well Depth (mbgs)	Stick-Up Height (metres)	Well Diameter (centimetres)	Screen Slot Size	Monitoring Well Screen Interval (mbgs)	Screen length (metres)	Sealant thickness (metres)
MW-2	NA	NA	4.9	-0.20	5.1	010	1.8-4.9	3.1	1.5
BH/MW101	NA	NA	4.6	-0.10	5.1	010	1.5-4.6	3.1	1.2
BH/MW102	NA	NA	5.0	-0.10	5.1	010	2.6-5.0	2.4	1.8
BH/MW103	NA	NA	4.6	-0.12	5.1	010	1.5-4.6	3.1	1.2
MW09-01	65.99	66.08	4.6	-0.09	5.1	010	1.5-4.6	3.1	1.2
MW09-05	66.86	66.92	4.6	-0.06	5.1	010	1.5-4.6	3.1	1.2
MW14-2*	NA	NA	0.61*	-0.04	3.8	010	0.20-0.61	0.3	0.20
MW14-3	66.29	66.47	2.7	-0.18	5.1	010	1.2-2.7	1.5	0.91
MW14-4	65.84	65.90	2.7	-0.06	5.1	010	1.2-2.7	1.5	0.91
MW14-6*	NA	NA	1.2*	-0.07	3.2	010	0.30-1.2*	0.9	0.15
MW14-7*	NA	NA	0.61*	-0.07	3.2	010	0.30-0.61*	0.3	0.15
MW14-8	65.90	65.98	5.9	-0.08	5.1	010	2.9-5.9	3.1	2.6
MW14-9	62.53	62.58	4.3	-0.05	5.1	010	2.7-4.3	1.5	2.4
MW14-10	60.36	60.46	3.3	-0.10	5.1	010	1.8-3.3	1.5	1.5
MW14-11	64.53	64.61	4.9	-0.08	5.1	010	3.3-4.9	1.5	3.0
MW14-12	65.96	66.05	5.2	-0.09	5.1	010	2.1-5.2	3.1	1.8
MW15-2	58.62	58.65	2.7	-0.03	5.1	010	1.2-2.7	1.5	0.91
MW15-4	NA	NA	5.5	-0.10	5.1	010	2.4-5.5	3.1	1.5
MW15-5	66.95	67.05	4.9	-0.10	5.1	010	1.8-4.9	3.1	1.5
MW15-6	65.64	65.81	5.0	-0.17	5.1	010	2.0-5.0	3.1	1.7
MW16-2	66.44	66.49	5.5	-0.05	5.1	010	2.4-5.5	3.1	2.1
MW16-3	66.33	66.46	6.1	-0.13	5.1	010	3.0-6.1	3.1	2.7
MW16-4	66.45	66.61	5.2	-0.16	5.1	010	2.1-5.2	3.1	1.8
MW16-5	66.47	66.61	5.2	-0.14	5.1	010	2.1-5.2	3.1	1.8
MW16-7	65.05	65.13	5.5	-0.08	5.1	010	2.4-5.5	3.1	2.1
MW17-1	65.93	66.01	6.1	-0.08	5.1	010	3.0-6.1	3.1	2.7
MW17-2	67.21	67.32	6.1	-0.11	5.1	010	3.0-6.1	3.1	2.7
MW17-3	67.19	67.25	5.5	-0.06	5.1	010	2.4-5.5	3.1	2.1
MW17-4	67.03	67.10	6.1	-0.07	5.1	010	3.0-6.1	3.1	2.7
MW17-5	66.91	66.98	6.1	-0.07	5.1	010	3.0-6.1	3.1	2.7
MW21-02	NA	NA	3.1	-0.10	5.1	010	0.91-3.1	2.1	0.61
MW21-03	NA	NA	3.4	-0.13	5.1	010	0.61-3.4	3.1	0.30
MW21-04*	NA	NA	0.9*	-0.09	5.1	010	0.46-0.91	0.5	0.30
MW21-05*	NA	NA	0.6*	-0.09	5.1	010	0.30-0.60	0.3	0.30
MW21-11	NA	NA	4.4	-0.13	5.1	010	1.4-4.4	3.1	0.76
MW21-12	NA	NA	4.6	-0.09	5.1	010	1.5-4.6	3.1	0.91
MW21-13	NA	NA	4.9	-0.07	5.1	010	1.8-4.9	3.1	1.5
MW21-14	NA	NA	4.9	-0.15	5.1	010	1.8-4.9	3.1	1.5
MW21-15*	NA	NA	3.1*	-0.16	5.1	010	0.61-3.1	2.4	0.30
MW21-16*	NA	NA	3.1*	-0.06	5.1	010	0.61-3.1	2.4	0.30
MW21-17	NA	NA	14.3	-0.13	5.1	010	12.8-14.3	1.8	12.5
MW21-19	NA	NA	4.9	-0.08	5.1	010	1.8-4.9	3.1	1.5
MW21-20	NA	NA	3.7	-0.09	5.1	010	0.61-3.7	3.1	0.30
MW21-21	NA	NA	4.3	-0.10	5.1	010	1.2-4.3	3.1	0.61
MW21-25	NA	NA	4.6	-0.15	5.1	010	1.5-4.6	3.1	0.91
MW21-28	NA	NA	4.9	-0.13	5.1	010	1.8-4.9	3.1	1.2
MW21-29	NA	NA	2.9	-0.13	5.1	010	0.76-2.9	2.1	0.46
MW21-30*	NA	NA	1.2*	-0.07	5.1	010	0.46-1.2*	0.76	0.30

Notes:

mamsl metres above mean sea level
mbgs metres below ground surface
* metres below basement floor surface (mbfs)
NA Not Applicable

Input By: JK [July 14, 2021]
Checked By:



TABLE 3A
SOIL BULK ANALYTICAL RESULTS (TABLE 1 STANDARDS)
SCREO I Dixie Outlet Mall LP & CP REIT Ontario Properties Limited
1250 South Service Road and 1490 Dixie Road, Mississauga, Ontario

Sample Location	MECP Table 1 SCS	BH21-06	BH21-06	MW21-20	MW21-20	MW21-21	MW21-25	MW21-28	MW21-29	MW21-29	MW21-29
Sample Designation		BH21-06-1	BH21-06-5	MW21-20 S1	MW21-20 S6	MW21-21 S2	MW21-25-1	MW21-28 S4	MW21-29-1	MW21-29-3	DUP01-062121
Sample Collection Date (dd/mm/yyyy)		22/06/2021	22/06/2021	17/06/2021	17/06/2021	18/06/2021	22/06/2021	17/06/2021	21/06/2021	21/06/2021	21/06/2021
Laboratory Certificate No.		C1H5474	C1H5474	C1G7630	C1G7630	C1G9213	C1H5474	C1G7630	C1H5474	C1H5474	C1H5474
Date of Laboratory Analysis (dd/mm/yyyy)		25/06/2021 - 30/06/2021	29/06/2021 - 29/06/2021	22/06/2021 - 23/06/2021	18/06/2021 - 22/06/2021	23/06/2021 - 25/06/2021	25/06/2021 - 30/06/2021	18/06/2021 - 24/06/2021	25/06/2021 - 30/06/2021	29/06/2021 - 29/06/2021	29/06/2021 - 29/06/2021
Laboratory Sample No.		PXV906	PXV908	PWF731	PWF734	PWN592	PXV917	PWF710	PXV919	PXV921	PXV922
Sample Depth (mbgs)		0.0-0.76	3.1-3.8	0.15-0.76	3.5-4.0	0.76-1.5	0.0-1.5	3.1-4.1	0.0-1.5	2.6-2.9	2.6-2.9
Miscellaneous Parameters											
pH (pH Units)	NV	-	-	-	-	-	7.52	-	-	7.67	7.8
Sieve #200 <0.075 mm (%)	NV	-	96	-	-	-	-	-	-	-	-
Sieve #200 >0.075 mm (%)	NV	-	4	-	-	-	-	-	-	-	-
Soil Texture	NV	-	FINE	-	-	-	-	-	-	-	-
Petroleum Hydrocarbons (PHCs)											
PHCs F1 (C ₆ - C ₁₀)	25	<10	-	-	-	-	<10	-	<10	-	-
PHCs F2 (>C ₁₀ - C ₁₆)	10	<10	-	-	-	-	<10	-	<10	-	-
PHCs F3 (>C ₁₆ - C ₃₄)	240	<50	-	-	-	-	<50	-	<50	-	-
PHCs F4 (>C ₃₄ - C ₅₀)	120	<50	-	-	-	-	<50	-	<50	-	-
Volatile Organic Compounds											
Acetone	0.5	-	-	-	<0.49	<0.49	-	<0.49	-	-	-
Benzene	0.02	<0.020	-	-	<0.0060	<0.0060	<0.020	<0.0060	<0.020	-	-
Bromodichloromethane	0.05	-	-	-	<0.040	<0.040	-	<0.040	-	-	-
Bromoform	0.05	-	-	-	<0.040	<0.040	-	<0.040	-	-	-
Bromomethane	0.05	-	-	-	<0.040	<0.040	-	<0.040	-	-	-
Carbon Tetrachloride	0.05	-	-	-	<0.040	<0.040	-	<0.040	-	-	-
Chlorobenzene	0.05	-	-	-	<0.040	<0.040	-	<0.040	-	-	-
Chloroform	0.05	-	-	-	<0.040	<0.040	-	<0.040	-	-	-
Dibromochloromethane	0.05	-	-	-	<0.040	<0.040	-	<0.040	-	-	-
1,2-Dichlorobenzene	0.05	-	-	-	<0.040	<0.040	-	<0.040	-	-	-
1,3-Dichlorobenzene	0.05	-	-	-	<0.040	<0.040	-	<0.040	-	-	-
1,4-Dichlorobenzene	0.05	-	-	-	<0.040	<0.040	-	<0.040	-	-	-
Dichlorodifluoromethane	0.05	-	-	-	<0.040	<0.040	-	<0.040	-	-	-
1,1-Dichloroethane	0.05	-	-	-	<0.040	<0.040	-	<0.040	-	-	-
1,2-Dichloroethane	0.05	-	-	-	<0.049	<0.049	-	<0.049	-	-	-
1,1-Dichloroethylene	0.05	-	-	-	<0.040	<0.040	-	<0.040	-	-	-
cis-1,2-Dichloroethylene	0.05	-	-	-	<0.040	<0.040	-	<0.040	-	-	-
trans-1,2-Dichloroethylene	0.05	-	-	-	<0.040	<0.040	-	<0.040	-	-	-
1,2-Dichloropropane	0.05	-	-	-	<0.040	<0.040	-	<0.040	-	-	-
1,3-Dichloropropene (Total)	0.05	-	-	-	<0.050	<0.050	-	<0.050	-	-	-
Ethylbenzene	0.05	<0.020	-	-	<0.010	<0.010	<0.020	<0.010	<0.020	-	-
Ethylene Dibromide	0.05	-	-	-	<0.040	<0.040	-	<0.040	-	-	-
Hexane	0.05	-	-	-	<0.040	<0.040	-	<0.040	-	-	-
Methyl Ethyl Ketone	0.5	-	-	-	<0.40	<0.40	-	<0.40	-	-	-
Methyl Isobutyl Ketone	0.5	-	-	-	<0.40	<0.40	-	<0.40	-	-	-
Methyl t-Butyl Ether (MTBE)	0.05	-	-	-	<0.040	<0.040	-	<0.040	-	-	-
Methylene Chloride	0.05	-	-	-	<0.049	<0.049	-	<0.049	-	-	-
Styrene	0.05	-	-	-	<0.040	<0.040	-	<0.040	-	-	-
1,1,1,2-Tetrachloroethane	0.05	-	-	-	<0.040	<0.040	-	<0.040	-	-	-
1,1,2,2-Tetrachloroethane	0.05	-	-	-	<0.040	<0.040	-	<0.040	-	-	-
Tetrachloroethylene	0.05	-	-	-	<0.040	<0.040	-	0.052	-	-	-
Toluene	0.2	<0.020	-	-	<0.020	<0.020	<0.020	<0.020	<0.020	-	-
1,1,1-Trichloroethane	0.05	-	-	-	<0.040	<0.040	-	<0.040	-	-	-
1,1,2-Trichloroethane	0.05	-	-	-	<0.040	<0.040	-	<0.040	-	-	-
Trichloroethylene	0.05	-	-	-	<0.010	<0.010	-	<0.010	-	-	-
Trichlorofluoromethane	0.25	-	-	-	<0.040	<0.040	-	<0.040	-	-	-
Vinyl Chloride	0.02	-	-	-	<0.019	<0.019	-	<0.019	-	-	-
Xylenes (Total)	0.05	<0.040	-	-	<0.020	<0.020	<0.040	<0.020	<0.040	-	-
Polycyclic Aromatic Hydrocarbons											
Acenaphthene	0.072	<0.0050	-	-	-	-	<0.0050	-	<0.0050	-	-
Acenaphthylene	0.093	0.0099	-	-	-	-	<0.0050	-	<0.0050	-	-
Anthracene	0.16	0.0087	-	-	-	-	<0.0050	-	<0.0050	-	-
Benzo(a)anthracene	0.36	0.034	-	-	-	-	0.0058	-	0.0058	-	-
Benzo(a)pyrene	0.3	0.032	-	-	-	-	0.0080	-	0.0087	-	-
Benzo(b)fluoranthene	0.47	0.042	-	-	-	-	0.015	-	0.013	-	-
Benzo(ghi)perylene	0.68	0.018	-	-	-	-	0.0094	-	0.012	-	-
Benzo(k)fluoranthene	0.48	0.014	-	-	-	-	<0.0050	-	<0.0050	-	-
Chrysene	2.8	0.025	-	-	-	-	0.0080	-	0.0065	-	-
Dibenzo(a,h)anthracene	0.1	0.0050	-	-	-	-	<0.0050	-	<0.0050	-	-
Fluoranthene	0.56	0.077	-	-	-	-	0.010	-	0.012	-	-
Fluorene	0.12	<0.0050	-	-	-	-	<0.0050	-	<0.0050	-	-
Indeno(1,2,3-cd)pyrene	0.23	0.020	-	-	-	-	0.0084	-	0.0089	-	-
1- & 2-Methylnaphthalene	0.59	<0.0071	-	-	-	-	<0.0071	-	<0.0071	-	-
Naphthalene	0.09	<0.0050	-	-	-	-	<0.0050	-	<0.0050	-	-
Phenanthrene	0.69	0.013	-	-	-	-	<0.0050	-	<0.0050	-	-
Pyrene	1	0.059	-	-	-	-	0.010	-	0.011	-	-
Metals											
Antimony	1.3	<0.20	-	-	-	-	<0.20	-	<0.20	-	-
Arsenic	18	1.6	-	-	-	-	2.1	-	1.2	-	-
Barium	220	20	-	-	-	-	24	-	14	-	-
Beryllium	2.5	0.20	-	-	-	-	0.25	-	<0.20	-	-
Boron (Total)	36	<5.0	-	-	-	-	<5.0	-	<5.0	-	-
Boron (Hot Water Soluble)	NA	0.19	-	-	-	-	0.24	-	0.28	-	-
Cadmium	1.2	<0.10	-	-	-	-	0.13	-	<0.10	-	-
Chromium (Total)	70	9.9	-	-	-	-	8.2	-	8.6	-	-
Chromium (Hexavalent)	0.66	<0.18	-	-	-	-	<0.18	-	<0.18	-	-
Cobalt	21	2.4	-	-	-	-	2.8	-	2.1	-	-
Copper	92	4.9	-	-	-	-	14	-	6.4	-	-
Lead	120	5.4	-	-	-	-	8.7	-	7.0	-	-
Mercury	0.27	<0.050	-	-	-	-	<0.050	-	<0.050	-	-
Molybdenum	2	<0.50	-	-	-	-	<0.50	-	<0.50	-	-
Nickel	82	4.6	-	-	-	-	6.3	-	4.1	-	-
Selenium	1.5	<0.50	-	-	-	-	<0.50	-	<0.50	-	-
Silver	0.5	<0.20	-	-	-	-	<0.20	-	<0.20	-	-
Thallium	1	<0.050	-	-	-	-	<0.050	-	<0.050	-	-
Uranium	2.5	0.45	-	-	-	-	0.34	-	0.38	-	-
Vanadium	86	24	-	-	-	-	18	-	18	-	-
Zinc	290	17	-	-	-	-	25	-	16	-	-
Inorganics											
Cyanide (Free)	0.051	<0.01	-	-	-	-	<0.01	-	<0.01	-	-
Electrical Conductivity (mS/cm)	0.57	0.16	-	1.6	-	-	0.15	-	-	-	-
Sodium Adsorption Ratio (No Units)	2.4	0.71	-	51	-	-	0.56	-	-	-	-
Polychlorinated Biphenyls (PCBs)											
PCBs (Total)	0.3	<0.010	-	-	-	-	<0.010	-	-	-	-

Notes:
MECP Table 1 SCS:

Soil, Ground Water and Sediment Standards for Use Under
Part XV.1 of the Environmental Protection Act, April 15, 2011,
Table 1: Full Depth Background Site Condition Standards, for
Residential/Parkland/Institutional/Industrial/Commercial/Comm
unity Property Use

BOLD	Exceeds SCS
BOLD	Reportable Detection Limit Exceeds SCS
Units	All units in micrograms per gram, unless otherwise noted
mbgs	metres below ground surface
mS/cm	milliSiemens per centimetre
NA	Not Applicable
NV	No Value
TEQ	Toxic Equivalency Quotient

Input By: JK [July 9, 2021]
Checked By:



TABLE 3B
SOIL BULK ANALYTICAL RESULTS (TABLE 3 STANDARDS)
SCREO I Dixie Outlet Mall LP & CP REIT Ontario Properties Limited
1250 South Service Road and 1490 Dixie Road, Mississauga, Ontario

Sample Location	MECP Table 3 SCS	BH21-01	MW21-02	MW21-03	MW21-04	MW21-05	BH21-07	BH21-07	BH21-08	BH21-08	BH21-09	BH21-09	BH21-10	BH21-10
Sample Designation		BH21-01 S2	MW21-02-1	MW21-03 S3	MW21-04 S1	MW21-05 S2	BH21-07 S1	BH21-07 S3	BH21-08 S1	BH21-08 S2	BH21-09 S1	BH21-09 S2	BH21-10-1	BH21-10-3
Sample Collection Date (dd/mm/yyyy)		23/06/2021	22/06/2021	18/06/2021	14/06/2021	14/06/2021	23/06/2021	23/06/2021	23/06/2021	23/06/2021	23/06/2021	23/06/2021	22/06/2021	22/06/2021
Laboratory Certificate No.		C1H3800	C1H5474	C1G9213	C1G4444	C1G4444	C1H3800	C1H3800	C1H3800	C1H3800	C1H3800	C1H3800	C1H5474	C1H5474
Date of Laboratory Analysis (dd/mm/yyyy)		28/06/2021 - 28/06/2021	25/06/2021 - 30/06/2021	23/06/2021 - 25/06/2021	16/06/2021 - 20/06/2021	16/06/2021 - 20/06/2021	24/06/2021 - 29/06/2021	28/06/2021 - 30/06/2021	24/06/2021 - 28/06/2021	28/06/2021 - 28/06/2021	24/06/2021 - 03/07/2021	28/06/2021 - 28/06/2021	25/06/2021 - 30/06/2021	29/06/2021 - 29/06/2021
Laboratory Sample No.	Sample Depth (mbgs)	PXN566	PXV904	PWN591	PVP670	PVP671	PXN557	PXN559	PXN562	PXN563	PXN564	PXN565	PXV909	PXV911
Sample Depth (mbgs)		1.5-2.3	0.3-1.5*	1.2-2.0*	0.15-0.46*	0.30-0.38*	0.15-0.76	1.5-2.4	0.15-1.5	1.5-3.1	0.15-1.5	1.5-3.1	0.15-1.5	3.1-4.0
Miscellaneous Parameters														
pH (pH Units)	NV	7.8	-	-	-	-	8.03	7.75	7.76	7.88	-	-	-	-
Sieve #200 <0.075 mm (%)	NV	61	-	-	-	-	22	-	-	16	-	30	-	62
Sieve #200 >0.075 mm (%)	NV	39	-	-	-	-	78	-	-	84	-	70	-	38
Soil Texture	NV	FINE	-	-	-	-	COARSE	-	-	COARSE	-	COARSE	-	FINE
Petroleum Hydrocarbons (PHCs)														
PHCs F1 (C ₆ - C ₁₀)	55	-	<10	-	-	-	-	-	<10	-	<10	-	<10	-
PHCs F2 (>C ₁₀ - C ₁₆)	98	-	<10	-	-	-	-	-	<10	-	<10	-	<10	-
PHCs F3 (>C ₁₆ - C ₃₄)	300	-	<50	-	-	-	-	-	<50	-	<50	-	<50	-
PHCs F4 (>C ₃₄ - C ₅₀)	2800	-	<50	-	-	-	-	-	<50	-	<50	-	<50	-
Volatile Organic Compounds														
Acetone	16	-	-	<0.49	<0.49	<0.49	-	-	-	-	-	-	-	-
Benzene	0.21	-	<0.020	<0.0060	<0.0060	<0.0060	-	-	<0.020	-	<0.020	-	<0.020	-
Bromodichloromethane	13	-	-	<0.040	<0.040	<0.040	-	-	-	-	-	-	-	-
Bromoform	0.27	-	-	<0.040	<0.040	<0.040	-	-	-	-	-	-	-	-
Bromomethane	0.05	-	-	<0.040	<0.040	<0.040	-	-	-	-	-	-	-	-
Carbon Tetrachloride	0.05	-	-	<0.040	<0.040	<0.040	-	-	-	-	-	-	-	-
Chlorobenzene	2.4	-	-	<0.040	<0.040	<0.040	-	-	-	-	-	-	-	-
Chloroform	0.05	-	-	<0.040	<0.040	<0.040	-	-	-	-	-	-	-	-
Dibromochloromethane	9.4	-	-	<0.040	<0.040	<0.040	-	-	-	-	-	-	-	-
1,2-Dichlorobenzene	3.4	-	-	<0.040	<0.040	<0.040	-	-	-	-	-	-	-	-
1,3-Dichlorobenzene	4.8	-	-	<0.040	<0.040	<0.040	-	-	-	-	-	-	-	-
1,4-Dichlorobenzene	0.083	-	-	<0.040	<0.040	<0.040	-	-	-	-	-	-	-	-
Dichlorodifluoromethane	16	-	-	<0.040	<0.040	<0.040	-	-	-	-	-	-	-	-
1,1-Dichloroethane	3.5	-	-	<0.040	<0.040	<0.040	-	-	-	-	-	-	-	-
1,2-Dichloroethane	0.05	-	-	<0.049	<0.049	<0.049	-	-	-	-	-	-	-	-
1,1-Dichloroethylene	0.05	-	-	<0.040	<0.040	<0.040	-	-	-	-	-	-	-	-
cis-1,2-Dichloroethylene	3.4	-	-	<0.040	<0.040	<0.040	-	-	-	-	-	-	-	-
trans-1,2-Dichloroethylene	0.084	-	-	<0.040	<0.040	<0.040	-	-	-	-	-	-	-	-
1,2-Dichloropropane	0.05	-	-	<0.040	<0.040	<0.040	-	-	-	-	-	-	-	-
1,3-Dichloropropene (Total)	0.05	-	-	<0.050	<0.050	<0.050	-	-	-	-	-	-	-	-
Ethylbenzene	2	-	<0.020	<0.010	<0.010	<0.010	-	-	<0.020	-	<0.020	-	<0.020	-
Ethylene Dibromide	0.05	-	-	<0.040	<0.040	<0.040	-	-	-	-	-	-	-	-
Hexane	2.8	-	-	<0.040	<0.040	<0.040	-	-	-	-	-	-	-	-
Methyl Ethyl Ketone	16	-	-	<0.40	<0.40	<0.40	-	-	-	-	-	-	-	-
Methyl Isobutyl Ketone	1.7	-	-	<0.40	<0.40	<0.40	-	-	-	-	-	-	-	-
Methyl t-Butyl Ether (MTBE)	0.75	-	-	<0.040	<0.040	<0.040	-	-	-	-	-	-	-	-
Methylene Chloride	0.1	-	-	<0.049	<0.049	<0.049	-	-	-	-	-	-	-	-
Styrene	0.7	-	-	<0.040	<0.040	<0.040	-	-	-	-	-	-	-	-
1,1,1,2-Tetrachloroethane	0.058	-	-	<0.040	<0.040	<0.040	-	-	-	-	-	-	-	-
1,1,2,2-Tetrachloroethane	0.05	-	-	<0.040	<0.040	<0.040	-	-	-	-	-	-	-	-
Tetrachloroethylene	0.28	-	-	<0.040	<0.040	<0.040	-	-	-	-	-	-	-	-
Toluene	2.3	-	<0.020	<0.020	<0.020	<0.020	-	-	<0.020	-	<0.020	-	<0.020	-
1,1,1-Trichloroethane	0.38	-	-	<0.040	<0.040	<0.040	-	-	-	-	-	-	-	-
1,1,2-Trichloroethane	0.05	-	-	<0.040	<0.040	<0.040	-	-	-	-	-	-	-	-
Trichloroethylene	0.061	-	-	<0.010	<0.010	<0.010	-	-	-	-	-	-	-	-
Trichlorofluoromethane	4	-	-	<0.040	<0.040	<0.040	-	-	-	-	-	-	-	-
Vinyl Chloride	0.02	-	-	<0.019	<0.019	<0.019	-	-	-	-	-	-	-	-
Xylenes (Total)	3.1	-	<0.040	<0.020	<0.020	<0.020	-	-	<0.040	-	<0.040	-	<0.040	-
Polycyclic Aromatic Hydrocarbons														
Acenaphthene	7.9	-	<0.0050	-	-	-	-	-	<0.0050	-	<0.0050	-	<0.0050	-
Acenaphthylene	0.15	-	<0.0050	-	-	-	-	-	<0.0050	-	<0.0050	-	0.0054	-
Anthracene	0.67	-	<0.0050	-	-	-	-	-	0.0140	-	<0.0050	-	<0.0050	-
Benzo(a)anthracene	0.5	-	<0.0050	-	-	-	-	-	0.0440	-	<0.0050	-	0.0120	-
Benzo(a)pyrene	0.3	-	<0.0050	-	-	-	-	-	0.0470	-	<0.0050	-	0.0170	-
Benzo(b)fluoranthene	0.78	-	<0.0050	-	-	-	-	-	0.0670	-	<0.0050	-	0.0220	-
Benzo(ghi)perylene	6.6	-	<0.0050	-	-	-	-	-	0.0370	-	<0.0050	-	0.0140	-
Benzo(k)fluoranthene	0.78	-	<0.0050	-	-	-	-	-	0.0260	-	<0.0050	-	0.0082	-
Chrysene	7	-	<0.0050	-	-	-	-	-	0.0400	-	<0.0050	-	0.0100	-
Dibenzo(a,h)anthracene	0.1	-	<0.0050	-	-	-	-	-	0.0110	-	<0.0050	-	<0.0050	-
Fluoranthene	0.69	-	<0.0050	-	-	-	-	-	0.0870	-	<0.0050	-	0.0150	-
Fluorene	62	-	<0.0050	-	-	-	-	-	<0.0050	-	<0.0050	-	<0.0050	-
Indeno(1,2,3-cd)pyrene	0.38	-	<0.0050	-	-	-	-	-	0.0410	-	<0.0050	-	0.0140	-
1- & 2-Methylnaphthalene	0.99	-	<0.0071	-	-	-	-	-	<0.0071	-	<0.0071	-	<0.0071	-
Naphthalene	0.6	-	<0.0050	-	-	-	-	-	<0.0050	-	<0.0050	-	<0.0050	-
Phenanthrene	6.2	-	<0.0050	-	-	-	-	-	0.0550	-	<0.0050	-	<0.0050	-
Pyrene	78	-	<0.0050	-	-	-	-	-	0.0670	-	<0.0050	-	0.0170	-
Metals														
Antimony	7.5	-	<0.20	-	-	-	<0.20	-	0.62	-	<0.20	-	<0.20	-
Arsenic	18	-	2.1	-	-	-	<1.0	-	8.2	-	2.8	-	1.4	-
Barium	390	-	16	-	-	-	6.1	-	30	-	18	-	16	-
Beryllium	4	-	0.21	-	-	-	<0.20	-	0.20	-	0.24	-	0.2	-
Boron (Total)	120	-	<5.0	-	-	-	<5.0	-	<5.0	-	<5.0	-	<5.0	-
Boron (Hot Water Soluble)	1.5	-	0.083	-	-	-	-	-	0.67	-	0.16	-	0.23	-
Cadmium	1.2	-	<0.10	-	-	-	<0.10	-	0.20	-	<0.10	-	<0.10	-
Chromium (Total)	160	-	8.3	-	-	-	3.6	-	7.5	-	8.1	-	10	-
Chromium (Hexavalent)	8	-	<0.18											



TABLE 3B
SOIL BULK ANALYTICAL RESULTS (TABLE 3 STA
SCREO I Dixie Outlet Mall LP & CP REIT Ontario P
1250 South Service Road and 1490 Dixie Road, Mi:

Sample Location		MW21-11	MW21-11	MW21-12	MW21-12	MW21-12	MW21-13	MW21-13	MW21-13	MW21-14	MW21-14	MW21-14	MW21-15	MW21-16
Sample Designation		MW21-11-1	MW21-11-4	MW21-12 S1	DUP2-170621	MW21-12 S4	MW21-13 S6	DUP1-160621	MW21-13 S8	MW21-14 S1	MW21-14 S6	DUP2-160621	MW21-15 S1	MW21-16 S2
Sample Collection Date (dd/mm/yyyy)		22/06/2021	22/06/2021	17/06/2021	17/06/2021	17/06/2021	16/06/2021	16/06/2021	16/06/2021	16/06/2021	16/06/2021	16/06/2021	15/06/2021	15/06/2021
Laboratory Certificate No.		C1H5474	C1H5474	C1G7630	C1G7630	C1G7630	C1G6002	C1G6002	C1G6002	C1G6002	C1G6002	C1G6002	C1G4444	C1G4444
Date of Laboratory Analysis (dd/mm/yyyy)		25/06/2021 - 30/06/2021	25/06/2021 - 30/06/2021	18/06/2021 - 24/06/2021	18/06/2021 - 24/06/2021	18/06/2021 - 23/06/2021	17/06/2021 - 21/06/2021	17/06/2021 - 21/06/2021	23/06/2021 - 28/06/2021	17/06/2021 - 22/06/2021	17/06/2021 - 21/06/2021	17/06/2021 - 21/06/2021	16/06/2021 - 20/06/2021	17/06/2021 - 21/06/2021
Laboratory Sample No.		PXV912	PXV914	PWF706	PWF709	PWF708	PVX638	PVX641	PVX643	PVX639	PVX640	PVX642	PVP672	PVP673
Sample Depth (mbgs)		0.15-1.5	3.1-3.8	0.20-1.5	0.20-1.5	3.1-4.0	3.1-3.7	3.1-3.7	4.4-4.9	0.25-0.76	3.1-3.7	3.1-3.7	0.10-0.25*	0.46-1.2*
Miscellaneous Parameters														
pH (pH Units)	NV	-	-	-	7.67	-	-	-	-	-	-	-	-	-
Sieve #200 <0.075 mm (%)	NV	-	-	-	-	-	-	-	-	-	-	-	-	-
Sieve #200 >0.075 mm (%)	NV	-	-	-	-	-	-	-	-	-	-	-	-	-
Soil Texture	NV	-	-	-	-	-	-	-	-	-	-	-	-	-
Petroleum Hydrocarbons (PHCs)														
PHCs F1 (C ₆ - C ₁₀)	55	<10	<10	<10	<10	<10	-	-	-	<10	<10	<10	-	<10
PHCs F2 (>C ₁₀ - C ₁₆)	98	<10	<10	<10	<10	<10	-	-	-	<10	<10	<10	-	<10
PHCs F3 (>C ₁₆ - C ₃₄)	300	<50	<50	<50	<50	<50	-	-	-	83	<50	<50	-	<50
PHCs F4 (>C ₃₄ - C ₅₀)	2800	<50	<50	<50	<50	<50	-	-	-	740	<50	<50	-	<50
Volatile Organic Compounds														
Acetone	16	<0.50	<0.50	-	-	<0.50	<0.49	<0.49	<0.49	-	<0.50	<0.50	<0.49	<0.50
Benzene	0.21	<0.020	<0.020	<0.020	<0.020	<0.020	<0.0060	<0.0060	0.013	<0.020	<0.020	<0.020	<0.0060	<0.020
Bromodichloromethane	13	<0.050	<0.050	-	-	<0.050	<0.040	<0.040	<0.040	-	<0.050	<0.050	<0.040	<0.050
Bromoform	0.27	<0.050	<0.050	-	-	<0.050	<0.040	<0.040	<0.040	-	<0.050	<0.050	<0.040	<0.050
Bromomethane	0.05	<0.050	<0.050	-	-	<0.050	<0.040	<0.040	<0.040	-	<0.050	<0.050	<0.040	<0.050
Carbon Tetrachloride	0.05	<0.050	<0.050	-	-	<0.050	<0.040	<0.040	<0.040	-	<0.050	<0.050	<0.040	<0.050
Chlorobenzene	2.4	<0.050	<0.050	-	-	<0.050	<0.040	<0.040	<0.040	-	<0.050	<0.050	<0.040	<0.050
Chloroform	0.05	<0.050	<0.050	-	-	<0.050	<0.040	<0.040	<0.040	-	<0.050	<0.050	<0.040	<0.050
Dibromochloromethane	9.4	<0.050	<0.050	-	-	<0.050	<0.040	<0.040	<0.040	-	<0.050	<0.050	<0.040	<0.050
1,2-Dichlorobenzene	3.4	<0.050	<0.050	-	-	<0.050	<0.040	<0.040	<0.040	-	<0.050	<0.050	<0.040	<0.050
1,3-Dichlorobenzene	4.8	<0.050	<0.050	-	-	<0.050	<0.040	<0.040	<0.040	-	<0.050	<0.050	<0.040	<0.050
1,4-Dichlorobenzene	0.083	<0.050	<0.050	-	-	<0.050	<0.040	<0.040	<0.040	-	<0.050	<0.050	<0.040	<0.050
Dichlorodifluoromethane	16	<0.050	<0.050	-	-	<0.050	<0.040	<0.040	<0.040	-	<0.050	<0.050	<0.040	<0.050
1,1-Dichloroethane	3.5	<0.050	<0.050	-	-	<0.050	<0.040	<0.040	<0.040	-	<0.050	<0.050	<0.040	<0.050
1,2-Dichloroethane	0.05	<0.050	<0.050	-	-	<0.050	<0.049	<0.049	<0.049	-	<0.050	<0.050	<0.049	<0.050
1,1-Dichloroethylene	0.05	<0.050	<0.050	-	-	<0.050	<0.040	<0.040	<0.040	-	<0.050	<0.050	<0.040	<0.050
cis-1,2-Dichloroethylene	3.4	<0.050	<0.050	-	-	<0.050	<0.040	<0.040	<0.040	-	<0.050	<0.050	<0.040	<0.050
trans-1,2-Dichloroethylene	0.084	<0.050	<0.050	-	-	<0.050	<0.040	<0.040	<0.040	-	<0.050	<0.050	<0.040	<0.050
1,2-Dichloropropane	0.05	<0.050	<0.050	-	-	<0.050	<0.040	<0.040	<0.040	-	<0.050	<0.050	<0.040	<0.050
1,3-Dichloropropene (Total)	0.05	<0.050	<0.050	-	-	<0.050	<0.050	<0.050	<0.050	-	<0.050	<0.050	<0.050	<0.050
Ethylbenzene	2	<0.020	<0.020	<0.020	<0.020	<0.020	<0.010	<0.010	<0.010	<0.020	<0.020	<0.020	<0.010	<0.020
Ethylene Dibromide	0.05	<0.050	<0.050	-	-	<0.050	<0.040	<0.040	<0.040	-	<0.050	<0.050	<0.040	<0.050
Hexane	2.8	<0.050	<0.050	-	-	<0.050	<0.040	<0.040	<0.040	-	<0.050	<0.050	<0.040	<0.050
Methyl Ethyl Ketone	16	<0.50	<0.50	-	-	<0.50	<0.40	<0.40	<0.40	-	<0.50	<0.50	<0.40	<0.50
Methyl Isobutyl Ketone	1.7	<0.50	<0.50	-	-	<0.50	<0.40	<0.40	<0.40	-	<0.50	<0.50	<0.40	<0.50
Methyl t-Butyl Ether (MTBE)	0.75	<0.050	<0.050	-	-	<0.050	<0.040	<0.040	<0.040	-	<0.050	<0.050	<0.040	<0.050
Methylene Chloride	0.1	<0.050	<0.050	-	-	<0.050	<0.049	<0.049	<0.049	-	<0.050	<0.050	<0.049	<0.050
Styrene	0.7	<0.050	<0.050	-	-	<0.050	<0.040	<0.040	<0.040	-	<0.050	<0.050	<0.040	<0.050
1,1,1,2-Tetrachloroethane	0.058	<0.050	<0.050	-	-	<0.050	<0.040	<0.040	<0.040	-	<0.050	<0.050	<0.040	<0.050
1,1,2,2-Tetrachloroethane	0.05	<0.050	<0.050	-	-	<0.050	<0.040	<0.040	<0.040	-	<0.050	<0.050	<0.040	<0.050
Tetrachloroethylene	0.28	<0.050	<0.050	-	-	<0.050	0.85	1.3	<0.040	-	<0.050	<0.050	<0.040	<0.050
Toluene	2.3	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020
1,1,1-Trichloroethane	0.38	<0.050	<0.050	-	-	<0.050	<0.040	<0.040	<0.040	-	<0.050	<0.050	<0.040	<0.050
1,1,2-Trichloroethane	0.05	<0.050	<0.050	-	-	<0.050	<0.040	<0.040	<0.040	-	<0.050	<0.050	<0.040	<0.050
Trichloroethylene	0.061	<0.050	<0.050	-	-	<0.050	<0.010	<0.010	<0.010	-	<0.050	<0.050	<0.010	<0.050
Trichlorofluoromethane	4	<0.050	<0.050	-	-	<0.050	<0.040	<0.040	<0.040	-	<0.050	<0.050	<0.040	<0.050
Vinyl Chloride	0.02	<0.020	<0.020	-	-	<0.020	<0.019	<0.019	<0.019	-	<0.020	<0.020	<0.019	<0.020
Xylenes (Total)	3.1	<0.020	<0.020	<0.040	<0.040	<0.020	<0.020	<0.020	<0.020	<0.040	<0.020	<0.020	<0.020	<0.020
Polycyclic Aromatic Hydrocarbons														
Acenaphthene	7.9	<0.0050	-	<0.0050	<0.0050	<0.0050	-	-	-	<0.050	<0.0050	<0.0050	-	-
Acenaphthylene	0.15	<0.0050	-	<0.0050	<0.0050	<0.0050	-	-	-	<0.050	<0.0050	<0.0050	-	-
Anthracene	0.67	<0.0050	-	<0.0050	<0.0050	<0.0050	-	-	-	<0.050	<0.0050	<0.0050	-	-
Benzo(a)anthracene	0.5	<0.0050	-	<0.0050	<0.0050	<0.0050	-	-	-	<0.050	<0.0050	<0.0050	-	-
Benzo(a)pyrene	0.3	<0.0050	-	<0.0050	<0.0050	<0.0050	-	-	-	<0.050	<0.0050	<0.0050	-	-
Benzo(b)fluoranthene	0.78	<0.0050	-	<0.0050	<0.0050	<0.0050	-	-	-	<0.050	<0.0050	<0.0050	-	-
Benzo(ghi)perylene	6.6	<0.0050	-	<0.0050	<0.0050	<0.0050	-	-	-	<0.050	<0.0050	<0.0050	-	-
Benzo(k)fluoranthene	0.78	<0.0050	-	<0.0050	<0.0050	<0.0050	-	-	-	<0.050	<0.0050	<0.0050	-	-
Chrysene	7	<0.0050	-	<0.0050	<0.0050	<0.0050	-	-	-	<0.050	<0.0050	<0.0050	-	-
Dibenzo(a,h)anthracene	0.1	<0.0050	-	<0.0050	<0.0050	<0.0050	-	-	-	<0.050	<0.0050	<0.0050	-	-
Fluoranthene	0.69	<0.0050	-	<0.0050	<0.0050	<0.0050	-	-	-	<0.050	<0.0050	<0.0050	-	-
Fluorene	62	<0.0050	-	<0.0050	<0.0050	<0.0050	-	-	-	<0.050	<0.0050	<0.0050	-	-
Indeno(1,2,3-cd)pyrene	0.38	<0.0050	-	<0.0050	<0.0050	<0.0050	-	-	-	<0.050	<0.0050	<0.0050	-	-
1- & 2-Methylnaphthalene	0.99	<0.0071	-	<0.0071	<0.0071	<0.0071	-	-	-	<0.071	<0.0071	<0.0071	-	-
Naphthalene	0.6	<0.0050	-	<0.0050	<0.0050	<0.0050	-	-	-	<0.050	<0.0050	<0.0050	-	-
Phenanthrene	6.2	<0.0050	-	<0.0050	<0.0050	<0.0050	-	-	-	<0.050	<0.0050	<0.0050	-	-
Pyrene	78	<0.0050	-	<0.0050	<0.0050	<0.0050	-	-	-	<0.050	<0.0050	<0.0050	-	-
Metals														
Antimony	7.5	<0.20	-	<0.20	<0.20	-	-	-	-	<0.20	-	-	-	-
Arsenic	18	2.7	-	3.8	2.5	-	-	-	-	2.5	-	-	-	-
Barium	390	30	-	36	24	-	-	-	-	18	-	-	-	-
Beryllium	4	0.31	-	0.40	0.29	-	-	-	-	<0.20	-	-	-	-
Boron (Total)	120	<5.0	-	<5.0	<5.0	-	-	-	-	<5.0	-	-	-	-
Boron (Hot Water Soluble)	1.5	0.11	-	0.10	0.099	-	-	-	-	0.30	-	-	-	-
Cadmium	1.2	<0.10	-	<0.10	<0.10	-	-	-	-	<0.10	-	-	-	-
Chromium (Total)	160	9.7	-	13	8.3	-	-	-	-	7.2	-	-	-	-
Chromium (Hexavalent)	8	<0.18	-	<0.18	<0.18	-	-	-	-	<0.18	-	-	-	-
Cobalt	22	4.8	-	6.6	4.8	-	-	-	-	2.9	-	-		



TABLE 3B
SOIL BULK ANALYTICAL RESULTS (TABLE 3 STA
SCREO I Dixie Outlet Mall LP & CP REIT Ontario P
1250 South Service Road and 1490 Dixie Road, Mi:

Sample Location	MECP Table 3 SCS	BH21-18	BH21-18	MW21-19	MW21-19	BH21-22	BH21-22	BH21-23	BH21-23	BH21-24	BH21-24	BH21-24	BH21-26	BH21-26	BH21-26
Sample Designation		BH21-18-1	DUP01-062221	MW21-19 S5	DUP1-170621	BH21-22 S1	BH21-22 S3	BH21-23 S1	BH21-23 S2	BH21-24 S1	DUP202106239	BH21-26 S1	BH21-26 S2	BH21-26 S3	
Sample Collection Date (dd/mm/yyyy)		22/06/2021	22/06/2021	17/06/2021	17/06/2021	23/06/2021	23/06/2021	23/06/2021	23/06/2021	23/06/2021	23/06/2021	17/06/2021	17/06/2021	17/06/2021	
Laboratory Certificate No.		C1H5474	C1H5474	C1G7630	C1G7630	C1H3800	C1H3800	C1H3800	C1H3800	C1H3800	C1H3800	C1G7630	C1G7630	C1G7630	
Date of Laboratory Analysis (dd/mm/yyyy)		25/06/2021 - 30/06/2021	26/06/2021 - 28/06/2021	18/06/2021 - 23/06/2021	18/06/2021 - 23/06/2021	24/06/2021 - 30/06/2021	28/06/2021 - 30/06/2021	24/06/2021 - 30/06/2021	28/06/2021 - 30/06/2021	24/06/2021 - 30/06/2021	24/06/2021 - 29/06/2021	18/06/2021 - 23/06/2021	18/06/2021 - 22/06/2021	25/06/2021 - 28/06/2021	
Laboratory Sample No.	Sample Depth (mbgs)	PXV915	PXV923	PWF703	PWF705	PXN586	PXN587	PXN584	PXN585	PXN581	PXN583	PWF735	PWF736	PWF737	
Sample Depth (mbgs)		0.3-1.5	0.3-1.5	3.1-4.1	3.1-4.1	0.15-1.5	2.6-3.1	0.15-1.5	1.5-3.1	0.15-1.1	0.15-1.1	0.15-1.5	1.5-2.6	2.6-3.1	
Miscellaneous Parameters															
pH (pH Units)	NV	-	-	-	-	-	-	7.48	7.78	9.1	10.5	-	-	-	
Sieve #200 <0.075 mm (%)	NV	-	-	-	-	-	38	-	-	-	-	-	-	-	
Sieve #200 >0.075 mm (%)	NV	-	-	-	-	-	62	-	-	-	-	-	-	-	
Soil Texture	NV	-	-	-	-	-	COARSE	-	-	-	-	-	-	-	
Petroleum Hydrocarbons (PHCs)															
PHCs F1 (C ₆ - C ₁₀)	55	<10	-	<10	<10	<10	-	<10	-	<10	-	<10	-	-	
PHCs F2 (>C ₁₀ - C ₁₆)	98	<10	-	<10	<10	<10	-	<10	-	<10	-	<10	-	-	
PHCs F3 (>C ₁₆ - C ₃₄)	300	<50	-	<50	98	83	-	<50	-	<50	-	<50	-	-	
PHCs F4 (>C ₃₄ - C ₅₀)	2800	<50	-	<50	150	91	-	<50	-	<50	-	<50	-	-	
Volatile Organic Compounds															
Acetone	16	<0.50	-	<0.50	<0.50	-	-	-	-	-	-	-	<0.49	<0.49	
Benzene	0.21	<0.020	-	<0.020	<0.020	<0.020	-	<0.020	-	<0.020	-	<0.020	<0.0060	<0.0060	
Bromodichloromethane	13	<0.050	-	<0.050	<0.050	-	-	-	-	-	-	-	<0.040	<0.040	
Bromoform	0.27	<0.050	-	<0.050	<0.050	-	-	-	-	-	-	-	<0.040	<0.040	
Bromomethane	0.05	<0.050	-	<0.050	<0.050	-	-	-	-	-	-	-	<0.040	<0.040	
Carbon Tetrachloride	0.05	<0.050	-	<0.050	<0.050	-	-	-	-	-	-	-	<0.040	<0.040	
Chlorobenzene	2.4	<0.050	-	<0.050	<0.050	-	-	-	-	-	-	-	<0.040	<0.040	
Chloroform	0.05	<0.050	-	<0.050	<0.050	-	-	-	-	-	-	-	<0.040	<0.040	
Dibromochloromethane	9.4	<0.050	-	<0.050	<0.050	-	-	-	-	-	-	-	<0.040	<0.040	
1,2-Dichlorobenzene	3.4	<0.050	-	<0.050	<0.050	-	-	-	-	-	-	-	<0.040	<0.040	
1,3-Dichlorobenzene	4.8	<0.050	-	<0.050	<0.050	-	-	-	-	-	-	-	<0.040	<0.040	
1,4-Dichlorobenzene	0.083	<0.050	-	<0.050	<0.050	-	-	-	-	-	-	-	<0.040	<0.040	
Dichlorodifluoromethane	16	<0.050	-	<0.050	<0.050	-	-	-	-	-	-	-	<0.040	<0.040	
1,1-Dichloroethane	3.5	<0.050	-	<0.050	<0.050	-	-	-	-	-	-	-	<0.040	<0.040	
1,2-Dichloroethane	0.05	<0.050	-	<0.050	<0.050	-	-	-	-	-	-	-	<0.049	<0.049	
1,1-Dichloroethylene	0.05	<0.050	-	<0.050	<0.050	-	-	-	-	-	-	-	<0.040	<0.040	
cis-1,2-Dichloroethylene	3.4	<0.050	-	<0.050	<0.050	-	-	-	-	-	-	-	<0.040	<0.040	
trans-1,2-Dichloroethylene	0.084	<0.050	-	<0.050	<0.050	-	-	-	-	-	-	-	<0.040	<0.040	
1,2-Dichloropropane	0.05	<0.050	-	<0.050	<0.050	-	-	-	-	-	-	-	<0.040	<0.040	
1,3-Dichloropropene (Total)	0.05	<0.050	-	<0.050	<0.050	-	-	-	-	-	-	-	<0.050	<0.050	
Ethylbenzene	2	<0.020	-	<0.020	<0.020	<0.020	-	<0.020	-	<0.020	-	<0.020	<0.010	<0.010	
Ethylene Dibromide	0.05	<0.050	-	<0.050	<0.050	-	-	-	-	-	-	-	<0.040	<0.040	
Hexane	2.8	<0.050	-	<0.050	<0.050	-	-	-	-	-	-	-	<0.040	<0.040	
Methyl Ethyl Ketone	16	<0.50	-	<0.50	<0.50	-	-	-	-	-	-	-	<0.40	<0.40	
Methyl Isobutyl Ketone	1.7	<0.50	-	<0.50	<0.50	-	-	-	-	-	-	-	<0.40	<0.40	
Methyl t-Butyl Ether (MTBE)	0.75	<0.050	-	<0.050	<0.050	-	-	-	-	-	-	-	<0.040	<0.040	
Methylene Chloride	0.1	<0.050	-	<0.050	<0.050	-	-	-	-	-	-	-	<0.049	<0.049	
Styrene	0.7	<0.050	-	<0.050	<0.050	-	-	-	-	-	-	-	<0.040	<0.040	
1,1,1,2-Tetrachloroethane	0.058	<0.050	-	<0.050	<0.050	-	-	-	-	-	-	-	<0.040	<0.040	
1,1,2,2-Tetrachloroethane	0.05	<0.050	-	<0.050	<0.050	-	-	-	-	-	-	-	<0.040	<0.040	
Tetrachloroethylene	0.28	<0.050	-	<0.050	<0.050	-	-	-	-	-	-	-	0.46	0.098	
Toluene	2.3	<0.020	-	<0.020	<0.020	<0.020	-	0.024	-	<0.020	-	<0.020	<0.020	<0.020	
1,1,1-Trichloroethane	0.38	<0.050	-	<0.050	<0.050	-	-	-	-	-	-	-	<0.040	<0.040	
1,1,2-Trichloroethane	0.05	<0.050	-	<0.050	<0.050	-	-	-	-	-	-	-	<0.040	<0.040	
Trichloroethylene	0.061	<0.050	-	<0.050	<0.050	-	-	-	-	-	-	-	<0.010	<0.010	
Trichlorofluoromethane	4	<0.050	-	<0.050	<0.050	-	-	-	-	-	-	-	<0.040	<0.040	
Vinyl Chloride	0.02	<0.020	-	<0.020	<0.020	-	-	-	-	-	-	-	<0.019	<0.019	
Xylenes (Total)	3.1	<0.020	-	<0.020	<0.020	<0.040	-	0.13	-	<0.040	-	<0.040	<0.020	<0.020	
Polycyclic Aromatic Hydrocarbons															
Acenaphthene	7.9	0.0062	-	<0.0050	<0.050	<0.050	-	<0.050	-	<0.050	-	<0.0050	-	-	
Acenaphthylene	0.15	<0.0050	-	<0.0050	<0.050	<0.050	-	<0.050	-	<0.050	-	<0.0050	-	-	
Anthracene	0.67	0.0120	-	<0.0050	<0.050	<0.050	-	<0.050	-	<0.050	-	<0.0050	-	-	
Benzo(a)anthracene	0.5	0.0300	-	<0.0050	<0.050	0.0940	-	<0.050	-	<0.050	-	<0.0050	-	-	
Benzo(a)pyrene	0.3	0.0260	-	<0.0050	<0.050	0.0870	-	<0.050	-	<0.050	-	<0.0050	-	-	
Benzo(b)fluoranthene	0.78	0.0390	-	<0.0050	<0.050	0.1100	-	<0.050	-	<0.050	-	<0.0050	-	-	
Benzo(ghi)perylene	6.6	0.0170	-	<0.0050	<0.050	0.0650	-	<0.050	-	<0.050	-	<0.0050	-	-	
Benzo(k)fluoranthene	0.78	0.0130	-	<0.0050	<0.050	<0.050	-	<0.050	-	<0.050	-	<0.0050	-	-	
Chrysene	7	0.0280	-	<0.0050	<0.050	0.0790	-	<0.050	-	<0.050	-	<0.0050	-	-	
Dibenzo(a,h)anthracene	0.1	<0.0050	-	<0.0050	<0.050	<0.050	-	<0.050	-	<0.050	-	<0.0050	-	-	
Fluoranthene	0.69	0.0780	-	<0.0050	0.0600	0.2300	-	<0.050	-	0.0590	-	<0.0050	-	-	
Fluorene	62	0.0061	-	<0.0050	<0.050	<0.050	-	<0.050	-	<0.050	-	<0.0050	-	-	
Indeno(1,2,3-cd)pyrene	0.38	0.0180	-	<0.0050	<0.050	0.0650	-	<0.050	-	<0.050	-	<0.0050	-	-	
1- & 2-Methylnaphthalene	0.99	<0.0071	-	<0.0071	<0.071	<0.071	-	<0.071	-	<0.071	-	<0.0071	-	-	
Naphthalene	0.6	<0.0050	-	<0.0050	<0.050	<0.050	-	<0.050	-	<0.050	-	<0.0050	-	-</	



TABLE 3B
SOIL BULK ANALYTICAL RESULTS (TABLE 3 STA
SCREO I Dixie Outlet Mall LP & CP REIT Ontario P
1250 South Service Road and 1490 Dixie Road, Mi:

Sample Location		BH21-27	MW21-30
Sample Designation		BH21-27 S1	MW21-30 S1
Sample Collection Date (dd/mm/yyyy)		23/06/2021	15/06/2021
Laboratory Certificate No.		C1H3800	C1G4444
Date of Laboratory Analysis (dd/mm/yyyy)		24/06/2021 - 30/06/2021	17/06/2021 - 29/06/2021
Laboratory Sample No.		PXN560	PVP674
Sample Depth (mbgs)		0.15-1.5	0.13-0.28*
Miscellaneous Parameters			
pH (pH Units)	NV	7.54	-
Sieve #200 <0.075 mm (%)	NV	-	-
Sieve #200 >0.075 mm (%)	NV	-	-
Soil Texture	NV	-	-
Petroleum Hydrocarbons (PHCs)			
PHCs F1 (C ₆ - C ₁₀)	55	<10	<10
PHCs F2 (>C ₁₀ - C ₁₆)	98	<10	<10
PHCs F3 (>C ₁₆ - C ₃₄)	300	<50	<50
PHCs F4 (>C ₃₄ - C ₅₀)	2800	<50	<50
Volatile Organic Compounds			
Acetone	16	-	<0.49
Benzene	0.21	<0.020	<0.0060
Bromodichloromethane	13	-	<0.040
Bromoform	0.27	-	<0.040
Bromomethane	0.05	-	<0.040
Carbon Tetrachloride	0.05	-	<0.040
Chlorobenzene	2.4	-	<0.040
Chloroform	0.05	-	<0.040
Dibromochloromethane	9.4	-	<0.040
1,2-Dichlorobenzene	3.4	-	<0.040
1,3-Dichlorobenzene	4.8	-	<0.040
1,4-Dichlorobenzene	0.083	-	<0.040
Dichlorodifluoromethane	16	-	<0.040
1,1-Dichloroethane	3.5	-	<0.040
1,2-Dichloroethane	0.05	-	<0.049
1,1-Dichloroethylene	0.05	-	<0.040
cis-1,2-Dichloroethylene	3.4	-	<0.040
trans-1,2-Dichloroethylene	0.084	-	<0.040
1,2-Dichloropropane	0.05	-	<0.040
1,3-Dichloropropene (Total)	0.05	-	<0.050
Ethylbenzene	2	<0.020	<0.010
Ethylene Dibromide	0.05	-	<0.040
Hexane	2.8	-	<0.040
Methyl Ethyl Ketone	16	-	<0.40
Methyl Isobutyl Ketone	1.7	-	<0.40
Methyl t-Butyl Ether (MTBE)	0.75	-	<0.040
Methylene Chloride	0.1	-	<0.049
Styrene	0.7	-	<0.040
1,1,1,2-Tetrachloroethane	0.058	-	<0.040
1,1,2,2-Tetrachloroethane	0.05	-	<0.040
Tetrachloroethylene	0.28	-	<0.040
Toluene	2.3	<0.020	<0.020
1,1,1-Trichloroethane	0.38	-	<0.040
1,1,2-Trichloroethane	0.05	-	<0.040
Trichloroethylene	0.061	-	<0.010
Trichlorofluoromethane	4	-	<0.040
Vinyl Chloride	0.02	-	<0.019
Xylenes (Total)	3.1	<0.040	<0.020
Polycyclic Aromatic Hydrocarbons			
Acenaphthene	7.9	<0.0050	0.0086
Acenaphthylene	0.15	<0.0050	<0.0050
Anthracene	0.67	0.0087	0.0058
Benzo(a)anthracene	0.5	0.0220	0.0077
Benzo(a)pyrene	0.3	0.0170	0.0077
Benzo(b)fluoranthene	0.78	0.0230	0.0120
Benzo(ghi)perylene	6.6	0.0110	0.0071
Benzo(k)fluoranthene	0.78	0.0092	<0.0050
Chrysene	7	0.0190	0.0086
Dibenzo(a,h)anthracene	0.1	<0.0050	<0.0050
Fluoranthene	0.69	0.0560	0.0240
Fluorene	62	<0.0050	0.0092
Indeno(1,2,3-cd)pyrene	0.38	0.0120	0.0054
1- & 2-Methylnaphthalene	0.99	<0.0071	0.0160
Naphthalene	0.6	<0.0050	0.0075
Phenanthrene	6.2	0.0450	0.0350
Pyrene	78	0.0430	0.0200
Metals			
Antimony	7.5	-	-
Arsenic	18	-	-
Barium	390	-	-
Beryllium	4	-	-
Boron (Total)	120	-	-
Boron (Hot Water Soluble)	1.5	-	-
Cadmium	1.2	-	-
Chromium (Total)	160	-	-
Chromium (Hexavalent)	8	-	-
Cobalt	22	-	-
Copper	140	-	-
Lead	120	-	-
Mercury	0.27	-	-
Molybdenum	6.9	-	-
Nickel	100	-	-
Selenium	2.4	-	-
Silver	20	-	-
Thallium	1	-	-
Uranium	23	-	-
Vanadium	86	-	-
Zinc	340	-	-
Inorganics			
Cyanide (Free)	0.051	-	-
Electrical Conductivity (mS/cm)	0.7	-	-
Sodium Adsorption Ratio (No Units)	5	-	-
Organochlorine Pesticides			
Aldrin	0.05	-	-
Chlordane	0.05	-	-
DDD	3.3	-	-
DDE	0.26	-	-
DDT	1.4	-	-
Dieldrin	0.05	-	-
Endosulfan	0.04	-	-
Endrin	0.04	-	-
Heptachlor	0.15	-	-
Heptachlor Epoxide	0.05	-	-
Hexachlorobenzene	0.52	-	-
Hexachlorobutadiene	0.012	-	-
Hexachlorocyclohexane (Gamma-)	0.056	-	-
Hexachloroethane	0.089	-	-
Methoxychlor	0.13	-	-
Polychlorinated Biphenyls (PCBs)			
PCBs (Total)	0.35	<0.010	<0.010

Notes:
MECP Table 3 SCS:
Soil, Ground Water and Sediment Standards for Use Under
Part XV.1 of the Environmental Protection Act, April 15, 2011,
Table 3: Full Depth Generic Site Condition Standards in a Non-
Potable Ground Water Condition, for
Residential/Parkland/Institutional Property Use and Coarse-
Textured Soils

BOLD	Exceeds SCS
BOLD	Reportable Detection Limit Exceeds SCS
Units	All units in micrograms per gram, unless otherwise noted
mbgs	metres below ground surface * metres below floor surface (mbfs)
mS/cm	milliSiemens per centimetre
NA	Not Applicable
NV	No Value
TEQ	Toxic Equivalency Quotient

Input By: JK [July 9, 2021]
Checked By:



TABLE 4
GROUNDWATER MONITORING DATA
SCREO I Dixie Outlet Mall LP & CP REIT Ontario Properties Limited
1250 South Service Road and 1490 Dixie Road, Mississauga, Ontario

Monitoring Well	Monitoring Well Screen Interval (mbgs/mbfs)	Top of Pipe Elevation (mamsl)	Ground Surface Elevation (mamsl)	Stick-Up Height (metres)	Date of Monitoring (dd/mm/yyyy)	Measured Depth to Groundwater from Top of Pipe (mbtop)	Calculated Depth to Groundwater from Surface (mbgs/mbfs)	Groundwater Elevation (mamsl)	Visual / Olfactory Observations
MW-2	1.8-4.9	NM	NM	-0.20	09/07/2021	2.10	2.30 mbgs	NC	No sheen or odours
BH/MW101	1.5-4.6	NM	NM	-0.10	08/07/2021	2.64	2.74 mbgs	NC	No sheen or odours
BH/MW102	2.6-5.0	NM	NM	-0.10	12/07/2021	3.80	3.90 mbgs	NC	No sheen or odours
BH/MW103	1.5-4.6	NM	NM	-0.12	09/07/2021	2.66	2.78 mbgs	NC	No sheen or odours
MW09-01	1.5-4.6	65.99	66.08	-0.09	10/07/2021	1.64	1.73 mbgs	64.36	No sheen or odours
MW09-05	1.5-4.6	66.86	66.92	-0.06	09/07/2021	2.35	2.41 mbgs	64.51	No sheen or odours
MW14-2*	0.20-0.61	NM	NM	-0.04	10/07/2021	0.33	0.37 mbfs	NC	No sheen or odours
MW14-3	1.2-2.7	66.29	66.47	-0.18	02/07/2021	1.92	2.09 mbgs	64.38	No sheen or odours
MW14-4	1.2-2.7	65.84	65.90	-0.06	10/07/2021	1.89	1.95 mbgs	63.96	No sheen or odours
MW14-6*	0.30-1.2*	NM	NM	-0.07	11/07/2021	0.56	0.63 mbfs	NC	No sheen or odours
MW14-7*	0.30-0.61*	NM	NM	-0.07	08/07/2021	0.29	0.36 mbfs	NC	No sheen or odours
MW14-8	2.9-5.9	65.90	65.98	-0.08	08/07/2021	4.23	4.31 mbgs	61.67	No sheen or odours
MW14-9	2.7-4.3	62.53	62.58	-0.05	07/07/2021	1.41	1.46 mbgs	61.12	No sheen or odours
MW14-10	1.8-3.3	60.36	60.46	-0.10	07/07/2021	1.87	1.97 mbgs	58.49	No sheen or odours
MW14-11	3.3-4.9	64.53	64.61	-0.08	07/07/2021	2.28	2.36 mbgs	62.25	No sheen or odours
MW14-12	2.1-5.2	65.96	66.05	-0.09	07/07/2021	3.47	3.56 mbgs	62.49	No sheen or odours
MW15-2	1.2-2.7	58.62	58.65	-0.03	09/07/2021	0.85	0.88 mbgs	57.78	No sheen or odours
MW15-4	2.4-5.5	NM	NM	-0.10	09/07/2021	3.74	3.83 mbgs	NC	No sheen or odours
MW15-5	1.8-4.9	66.95	67.05	-0.10	09/07/2021	3.27	3.36 mbgs	63.69	No sheen or odours
MW15-6	2.0-5.0	65.64	65.81	-0.17	12/07/2021	1.86	2.03 mbgs	63.79	No sheen or odours
MW16-2	2.4-5.5	66.44	66.49	-0.05	02/07/2021	2.54	2.59 mbgs	63.90	No sheen or odours
MW16-3	3.0-6.1	66.33	66.46	-0.13	11/07/2021	2.68	2.81 mbgs	63.65	No sheen or odours
MW16-4	2.1-5.2	66.45	66.61	-0.16	11/07/2021	2.42	2.58 mbgs	64.03	No sheen or odours
MW16-5	2.1-5.2	66.47	66.61	-0.14	11/07/2021	2.51	2.65 mbgs	63.96	No sheen or odours
MW16-7	2.4-5.5	65.05	65.13	-0.08	11/07/2021	2.87	2.95 mbgs	62.18	No sheen or odours
MW17-1	3.0-6.1	65.93	66.01	-0.08	13/07/2021	3.48	3.56 mbgs	62.46	No sheen or odours
MW17-2	3.0-6.1	67.21	67.32	-0.11	12/07/2021	3.90	4.01 mbgs	63.32	No sheen or odours
MW17-3	2.4-5.5	67.19	67.25	-0.06	12/07/2021	3.91	3.97 mbgs	63.28	No sheen or odours
MW17-4	3.0-6.1	67.03	67.10	-0.07	12/07/2021	4.02	4.08 mbgs	63.02	No sheen or odours
MW17-5	3.0-6.1	66.91	66.98	-0.07	12/07/2021	3.90	3.97 mbgs	63.01	No sheen or odours
MW21-02	0.91-3.1	NM	NM	-0.1	12/07/2021	2.52	2.62 mbgs	NC	No sheen or odours
MW21-03	0.61-3.4	NM	NM	-0.13	10/07/2021	2.32	2.45 mbgs	NC	No sheen or odours
MW21-04*	0.46-0.91	NM	NM	-0.09	10/07/2021	0.28	0.37 mbfs	NC	No sheen or odours
MW21-05*	0.30-0.60	NM	NM	-0.09	10/07/2021	0.39	0.48 mbfs	NC	No sheen or odours
MW21-11	1.4-4.4	NM	NM	-0.13	07/07/2021	1.33	1.46 mbgs	NC	No sheen or odours
MW21-12	1.5-4.6	NM	NM	-0.09	08/07/2021	2.17	2.26 mbgs	NC	No sheen or odours
MW21-13	1.8-4.9	NM	NM	-0.07	11/07/2021	3.29	3.36 mbgs	NC	No sheen or odours
MW21-14	1.8-4.9	NM	NM	-0.15	09/07/2021	3.43	3.58 mbgs	NC	No sheen or odours
MW21-15*	0.61-3.1	NM	NM	-0.16	09/07/2021	0.24	0.40 mbfs	NC	No sheen or odours
MW21-16*	0.61-3.1	NM	NM	-0.06	08/07/2021	2.92	2.98 mbfs	NC	No sheen or odours
MW21-17	12.8-14.3	NM	NM	-0.13	09/07/2021	7.96	8.08 mbgs	NC	No sheen or odours
MW21-19	1.8-4.9	NM	NM	-0.08	08/07/2021	3.17	3.25 mbgs	NC	No sheen or odours
MW21-20	0.61-3.7	NM	NM	-0.09	05/07/2021	1.22	1.30 mbgs	NC	No sheen or odours
MW21-21	1.2-4.3	NM	NM	-0.10	11/07/2021	3.22	3.32 mbgs	NC	No sheen or odours
MW21-25	1.5-4.6	NM	NM	-0.15	08/07/2021	1.07	1.22 mbgs	NC	No sheen or odours
MW21-28	1.8-4.9	NM	NM	-0.13	09/07/2021	2.19	2.32 mbgs	NC	No sheen or odours
MW21-29	0.76-2.9	NM	NM	-0.13	05/07/2021	1.50	1.63 mbgs	NC	No sheen or odours
MW21-30*	0.46-1.2*	NM	NM	-0.07	08/07/2021	0.92	0.99 mbfs	NC	No sheen or odours

Notes:

mamsl metres above mean sea level
mbgs metres below ground surface
mbfs/* metres below floor surface
mbtop metres below top of pipe
NM Not Measured
NC Not Calculated

Input By: JK [July 14, 2021]
Checked By:



TABLE 5
GROUNDWATER MONITORING - NON-AQUEOUS PHASE LIQUIDS
SCREO I Dixie Outlet Mall LP & CP REIT Ontario Properties Limited
1250 South Service Road and 1490 Dixie Road, Mississauga, Ontario

Monitoring Well	Top of Pipe Elevation (mamsl)	Date of Monitoring (dd/mm/yyyy)	LNAPL					DNAPL				
			Measured Depth to Bottom of LNAPL from Top of Pipe (metres)	Measured Depth to Top of LNAPL from Top of Pipe (metres)	LNAPL Thickness (metres)	Top of LNAPL Elevation (mamsl)	Bottom of LNAPL Elevation (mamsl)	Measured Depth to Bottom of DNAPL from Top of Pipe (metres)	Measured Depth to Top of DNAPL from Top of Pipe (metres)	DNAPL Thickness (metres)	Top of DNAPL Elevation (mamsl)	Bottom of DNAPL Elevation (mamsl)
MW-2	NM	09/07/2021	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
BH/MW101	NM	08/07/2021	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
BH/MW102	NM	12/07/2021	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
BH/MW103	NM	09/07/2021	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW09-01	65.99	10/07/2021	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW09-05	66.86	09/07/2021	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW14-2*	NM	10/07/2021	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW14-3	66.29	02/07/2021	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW14-4	65.84	10/07/2021	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW14-6*	NM	11/07/2021	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW14-7*	NM	08/07/2021	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW14-8	65.90	08/07/2021	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW14-9	62.53	07/07/2021	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW14-10	60.36	07/07/2021	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW14-11	64.53	07/07/2021	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW14-12	65.96	07/07/2021	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW15-2	58.62	09/07/2021	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW15-4	NM	09/07/2021	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW15-5	66.95	09/07/2021	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW15-6	65.64	12/07/2021	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW16-2	66.44	02/07/2021	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW16-3	66.33	11/07/2021	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW16-4	66.45	11/07/2021	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW16-5	66.47	11/07/2021	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW16-7	65.05	11/07/2021	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW17-1	65.93	13/07/2021	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW17-2	67.21	12/07/2021	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW17-3	67.19	12/07/2021	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW17-4	67.03	12/07/2021	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW17-5	66.91	12/07/2021	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW21-02	NM	12/07/2021	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW21-03	NM	10/07/2021	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW21-04*	NM	10/07/2021	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW21-05*	NM	10/07/2021	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW21-11	NM	07/07/2021	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW21-12	NM	08/07/2021	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW21-13	NM	11/07/2021	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW21-14	NM	09/07/2021	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW21-15*	NM	09/07/2021	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW21-16*	NM	08/07/2021	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW21-17	NM	09/07/2021	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW21-19	NM	08/07/2021	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW21-20	NM	05/07/2021	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW21-21	NM	11/07/2021	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW21-25	NM	08/07/2021	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW21-28	NM	09/07/2021	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW21-29	NM	05/07/2021	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW21-30*	NM	08/07/2021	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

Notes:
DNAPL Dense Non-Aqueous Phase Liquid
LNAPL Light Non-Aqueous Phase Liquid
mamsl Metres Above Mean Sea Level
mbgs Metres Below Ground Surface
ND Not Detected
NM Not Measured

Input By: JK [July 14, 2021]
Checked By:



TABLE 6
TOXICITY CHARACTERISTIC LEACHING PROCEDURE (TCLP) ANALYSIS FOR SOIL
SCREO I Dixie Outlet Mall LP & CP REIT Ontario Properties Limited
1250 South Service Road, Mississauga, Ontario

Parameter	Schedule 4 ⁺⁺	Sample Designation
		Sample Collection Date (dd/mm/yyyy)
		TCLP
		17/06/2021
METALS		
Arsenic	2.5	<0.2
Barium	100	0.4
Boron	500	0.2
Cadmium	0.5	<0.05
Chromium	5	<0.1
Lead	5	<0.1
Mercury	0.1	<0.001
Selenium	1	<0.1
Silver	5	<0.01
Uranium	10	<0.01
VOLATILE ORGANIC COMPOUNDS		
Benzene	0.5	<0.020
Carbon Tetrachloride	0.5	<0.020
Chlorobenzene	8	<0.020
Chloroform	10	<0.020
1,2-Dichlorobenzene	20	<0.050
1,4-Dichlorobenzene	0.5	<0.050
1,2-Dichloroethane	0.5	<0.050
1,1-Dichloroethylene	1.4	<0.020
Dichloromethane	5	<0.20
Methyl Ethyl Ketone	200	<1.0
Tetrachloroethylene	3	<0.020
Trichloroethylene	5	<0.020
Vinyl Chloride	0.2	<0.020
INORGANICS		
Fluoride	150	0.14
Free Cyanide	20	<0.010
Nitrite and Nitrate	1000	<1.0

Notes:

Schedule 4⁺⁺ Ontario Regulation 347/90 - As Amended

BOLD

Units

Exceeds Schedule 4 Criteria

All Values Reported in Units of mg/L.



TABLE 7A
GROUNDWATER ANALYTICAL RESULTS (TABLE 1 STANDARDS)
SCREO I Dixie Outlet Mall LP & CP REIT Ontario Properties Limited
1250 South Service Road and 1490 Dixie Road, Mississauga, Ontario

Sample Location	MECP Table 1 SCS	BH/MW101	BH/MW102	BH/MW103	MW14-9	MW14-10	MW14-11	MW15-2
Sample Designation		MW101	BH/MW102	MW103	MW14-9	MW14-10	MW14-11	MW15-2
Sample Collection Date (dd/mm/yyyy)		08/07/2021	12/07/2021	09/07/2021	07/07/2021	07/07/2021	07/07/2021	09/07/2021
Laboratory Certificate No.		C1I9634	C1J3167	C1J1447	C1I8416	C1I8416	C1I8416	C1J1447
Date of Laboratory Analysis (dd/mm/yyyy)		09/07/2021-12/07/2021	14/07/2021-14/07/2021	12/07/2021-12/07/2021	12/07/2021-12/07/2021	12/07/2021-13/07/2021	12/07/2021-13/07/2021	12/07/2021-12/07/2021
Laboratory Sample No.		QAW140	QBP588	QBF543	QAQ015	QAQ016	QAQ017	QBF540
Well Screen Depth Interval (mbgs)		1.5-4.6	2.6-5.0	1.5-4.6	2.7-4.3	1.8-3.3	3.3-4.9	1.2-2.7
Petroleum Hydrocarbons (PHCs)								
PHCs F1 (C ₆ - C ₁₀)	420	-	-	-	-	-	-	-
PHCs F2 (>C ₁₀ - C ₁₆)	150	-	-	-	-	-	-	-
PHCs F3 (>C ₁₆ - C ₃₄)	500	-	-	-	-	-	-	-
PHCs F4 (>C ₃₄ - C ₅₀)	500	-	-	-	-	-	-	-
Volatile Organic Compounds								
Acetone	2700	-	-	-	<10	<10	<10	-
Benzene	0.5	-	-	-	<0.20	<0.20	<0.20	-
Bromodichloromethane	2	-	-	-	<0.50	<0.50	<0.50	-
Bromoform	5	-	-	-	<1.0	<1.0	<1.0	-
Bromomethane	0.89	-	-	-	<0.50	<0.50	<0.50	-
Carbon Tetrachloride	0.2	-	-	-	<0.19	<0.19	<0.19	-
Chlorobenzene	0.5	-	-	-	<0.20	<0.20	<0.20	-
Chloroform	2	-	-	-	<0.20	<0.20	<0.20	-
Dibromochloromethane	2	-	-	-	<0.50	<0.50	<0.50	-
1,2-Dichlorobenzene	0.5	-	-	-	<0.40	<0.40	<0.40	-
1,3-Dichlorobenzene	0.5	-	-	-	<0.40	<0.40	<0.40	-
1,4-Dichlorobenzene	0.5	-	-	-	<0.40	<0.40	<0.40	-
Dichlorodifluoromethane	590	-	-	-	<1.0	<1.0	<1.0	-
1,1-Dichloroethane	0.5	-	-	-	<0.20	<0.20	<0.20	-
1,2-Dichloroethane	0.5	-	-	-	<0.49	<0.49	<0.49	-
1,1-Dichloroethylene	0.5	-	-	-	<0.20	<0.20	<0.20	-
cis-1,2-Dichloroethylene	1.6	-	-	-	<0.50	2.2	<0.50	-
trans-1,2-Dichloroethylene	1.6	-	-	-	<0.50	<0.50	<0.50	-
1,2-Dichloropropane	0.5	-	-	-	<0.20	<0.20	<0.20	-
1,3-Dichloropropene (Total)	0.5	-	-	-	<0.50	<0.50	<0.50	-
Ethylbenzene	0.5	-	-	-	<0.20	<0.20	<0.20	-
Ethylene Dibromide	0.2	-	-	-	<0.19	<0.19	<0.19	-
Hexane	5	-	-	-	<1.0	<1.0	<1.0	-
Methyl Ethyl Ketone	400	-	-	-	<10	<10	<10	-
Methyl Isobutyl Ketone	640	-	-	-	<5.0	<5.0	<5.0	-
Methyl t-Butyl Ether (MTBE)	15	-	-	-	<0.50	<0.50	<0.50	-
Methylene Chloride	5	-	-	-	<2.0	<2.0	<2.0	-
Styrene	0.5	-	-	-	<0.40	<0.40	<0.40	-
1,1,1,2-Tetrachloroethane	1.1	-	-	-	<0.50	<0.50	<0.50	-
1,1,2,2-Tetrachloroethane	0.5	-	-	-	<0.40	<0.40	<0.40	-
Tetrachloroethylene	0.5	-	-	-	<0.20	0.26	<0.20	-
Toluene	0.8	-	-	-	<0.20	<0.20	<0.20	-
1,1,1-Trichloroethane	0.5	-	-	-	<0.20	<0.20	<0.20	-
1,1,2-Trichloroethane	0.5	-	-	-	<0.40	<0.40	<0.40	-
Trichloroethylene	0.5	-	-	-	<0.20	1.3	<0.20	-
Trichlorofluoromethane	150	-	-	-	<0.50	<0.50	<0.50	-
Vinyl Chloride	0.5	-	-	-	<0.20	<0.20	<0.20	-
Xylenes (Total)	72	-	-	-	<0.20	<0.20	<0.20	-
Metals								
Antimony	1.5	-	-	-	-	-	-	-
Arsenic	13	-	-	-	-	-	-	-
Barium	610	-	-	-	-	-	-	-
Beryllium	0.5	-	-	-	-	-	-	-
Boron (Total)	1700	-	-	-	-	-	-	-
Cadmium	0.5	-	-	-	-	-	-	-
Chromium (Total)	11	-	-	-	-	-	-	-
Chromium (Hexavalent)	25	-	-	-	-	-	-	-
Cobalt	3.8	-	-	-	-	-	-	-
Copper	5	-	-	-	-	-	-	-
Lead	1.9	-	-	-	-	-	-	-
Mercury	0.1	-	-	-	-	-	-	-
Molybdenum	23	-	-	-	-	-	-	-
Nickel	14	-	-	-	-	-	-	-
Selenium	5	-	-	-	-	-	-	-
Silver	0.3	-	-	-	-	-	-	-
Sodium	490000	900000	950000	1100000	-	-	-	1800000
Thallium	0.5	-	-	-	-	-	-	-
Uranium	8.9	-	-	-	-	-	-	-
Vanadium	3.9	-	-	-	-	-	-	-
Zinc	160	-	-	-	-	-	-	-
Inorganics								
Chloride	790000	1600000	1500000	1300000	-	-	-	2800000
Cyanide (Free)	0.1	-	-	-	-	-	-	-

Notes:

MECP Table 1 SCS:

Soil, Ground Water and Sediment Standards for Use Under
Part XV.1 of the Environmental Protection Act, April 15, 2011,
Table 1: Full Depth Background Site Condition Standards, for
All Types of Property Use

BOLD	Exceeds SCS
BOLD	Reportable Detection Limit Exceeds SCS
Units	All units in micrograms per litre, unless otherwise noted
mbgs	metres below ground surface
NA	Not Applicable
NV	No Value
TEQ	Toxic Equivalency Quotient

Input By: JK [July 15, 2021]
Checked By:



TABLE 7A
GROUNDWATER ANALYTICAL RESULTS (TABLE
SCREO I Dixie Outlet Mall LP & CP REIT Ontario P
1250 South Service Road and 1490 Dixie Road, Mi

Sample Location	MECP Table 1 SCS	MW16-7	MW21-20	MW21-21	MW21-25	MW21-25	MW21-28	MW21-29
Sample Designation		MW16-7	MW21-20	MW21-21	MW21-25	DUP208072021	MW21-28	MW21-29
Sample Collection Date (dd/mm/yyyy)		11/07/2021	05/07/2021	11/07/2021	08/07/2021	08/07/2021	09/07/2021	05/07/2021
Laboratory Certificate No.		C1J1871	C1I5211	C1J1871	C1I9634	C1I9634	C1J1447	C1I5211
Date of Laboratory Analysis (dd/mm/yyyy)		13/07/2021-14/07/2021	08/07/2021-09/07/2021	13/07/2021-14/07/2021	09/07/2021-12/07/2021	09/07/2021-12/07/2021	11/07/2021-12/07/2021	08/07/2021-09/07/2021
Laboratory Sample No.		QBI434	PZZ270	QBI430	QAW139	QAW141	QBF546	PZZ271
Well Screen Depth Interval (mbgs)		2.4-5.5	0.61-3.7	1.2-4.3	1.5-4.6	1.5-4.6	1.8-4.9	0.76-2.9
Petroleum Hydrocarbons (PHCs)								
PHCs F1 (C ₆ - C ₁₀)	420	-	-	-	-	-	-	-
PHCs F2 (>C ₁₀ - C ₁₆)	150	-	-	-	-	-	-	-
PHCs F3 (>C ₁₆ - C ₃₄)	500	-	-	-	-	-	-	-
PHCs F4 (>C ₃₄ - C ₅₀)	500	-	-	-	-	-	-	-
Volatile Organic Compounds								
Acetone	2700	<10	<10	<10	-	-	<10	<10
Benzene	0.5	<0.20	<0.20	<0.20	-	-	<0.20	<0.20
Bromodichloromethane	2	<0.50	<0.50	<0.50	-	-	<0.50	<0.50
Bromoform	5	<1.0	<1.0	<1.0	-	-	<1.0	<1.0
Bromomethane	0.89	<0.50	<0.50	<0.50	-	-	<0.50	<0.50
Carbon Tetrachloride	0.2	<0.19	<0.19	<0.19	-	-	<0.19	<0.19
Chlorobenzene	0.5	<0.20	<0.20	<0.20	-	-	<0.20	<0.20
Chloroform	2	<0.20	<0.20	<0.20	-	-	<0.20	<0.20
Dibromochloromethane	2	<0.50	<0.50	<0.50	-	-	<0.50	<0.50
1,2-Dichlorobenzene	0.5	<0.40	<0.40	<0.40	-	-	<0.40	<0.40
1,3-Dichlorobenzene	0.5	<0.40	<0.40	<0.40	-	-	<0.40	<0.40
1,4-Dichlorobenzene	0.5	<0.40	<0.40	<0.40	-	-	<0.40	<0.40
Dichlorodifluoromethane	590	<1.0	<1.0	<1.0	-	-	<1.0	<1.0
1,1-Dichloroethane	0.5	<0.20	<0.20	<0.20	-	-	<0.20	<0.20
1,2-Dichloroethane	0.5	<0.49	<0.49	<0.49	-	-	<0.49	<0.49
1,1-Dichloroethylene	0.5	<0.20	<0.20	<0.20	-	-	<0.20	<0.20
cis-1,2-Dichloroethylene	1.6	<0.50	<0.50	2.5	-	-	<0.50	5.4
trans-1,2-Dichloroethylene	1.6	<0.50	<0.50	<0.50	-	-	<0.50	<0.50
1,2-Dichloropropane	0.5	<0.20	<0.20	<0.20	-	-	<0.20	<0.20
1,3-Dichloropropene (Total)	0.5	<0.50	<0.50	<0.50	-	-	<0.50	<0.50
Ethylbenzene	0.5	<0.20	<0.20	<0.20	-	-	<0.20	<0.20
Ethylene Dibromide	0.2	<0.19	<0.19	<0.19	-	-	<0.19	<0.19
Hexane	5	<1.0	<1.0	<1.0	-	-	<1.0	<1.0
Methyl Ethyl Ketone	400	<10	<10	<10	-	-	<10	<10
Methyl Isobutyl Ketone	640	<5.0	<5.0	<5.0	-	-	<5.0	<5.0
Methyl t-Butyl Ether (MTBE)	15	<0.50	<0.50	<0.50	-	-	<0.50	<0.50
Methylene Chloride	5	<2.0	<2.0	<2.0	-	-	<2.0	<2.0
Styrene	0.5	<0.40	<0.40	<0.40	-	-	<0.40	<0.40
1,1,1,2-Tetrachloroethane	1.1	<0.50	<0.50	<0.50	-	-	<0.50	<0.50
1,1,2,2-Tetrachloroethane	0.5	<0.40	<0.40	<0.40	-	-	<0.40	<0.40
Tetrachloroethylene	0.5	2.7	<0.20	<0.20	-	-	5.7	<0.20
Toluene	0.8	<0.20	<0.20	<0.20	-	-	<0.20	<0.20
1,1,1-Trichloroethane	0.5	<0.20	<0.20	<0.20	-	-	<0.20	<0.20
1,1,2-Trichloroethane	0.5	<0.40	<0.40	<0.40	-	-	<0.40	<0.40
Trichloroethylene	0.5	<0.20	<0.20	<0.20	-	-	<0.20	0.45
Trichlorofluoromethane	150	<0.50	<0.50	<0.50	-	-	<0.50	<0.50
Vinyl Chloride	0.5	<0.20	<0.20	0.53	-	-	<0.20	2.1
Xylenes (Total)	72	<0.20	<0.20	<0.20	-	-	<0.20	<0.20
Metals								
Antimony	1.5	-	-	-	-	-	-	-
Arsenic	13	-	-	-	-	-	-	-
Barium	610	-	-	-	-	-	-	-
Beryllium	0.5	-	-	-	-	-	-	-
Boron (Total)	1700	-	-	-	-	-	-	-
Cadmium	0.5	-	-	-	-	-	-	-
Chromium (Total)	11	-	-	-	-	-	-	-
Chromium (Hexavalent)	25	-	-	-	-	-	-	-
Cobalt	3.8	-	-	-	-	-	-	-
Copper	5	-	-	-	-	-	-	-
Lead	1.9	-	-	-	-	-	-	-
Mercury	0.1	-	-	-	-	-	-	-
Molybdenum	23	-	-	-	-	-	-	-
Nickel	14	-	-	-	-	-	-	-
Selenium	5	-	-	-	-	-	-	-
Silver	0.3	-	-	-	-	-	-	-
Sodium	490000	-	4000000	-	360000	360000	-	-
Thallium	0.5	-	-	-	-	-	-	-
Uranium	8.9	-	-	-	-	-	-	-
Vanadium	3.9	-	-	-	-	-	-	-
Zinc	160	-	-	-	-	-	-	-
Inorganics								
Chloride	790000	-	5800000	-	870000	920000	-	-
Cyanide (Free)	0.1	-	-	-	-	-	-	-

Notes:

MECP Table 1 SCS:

Soil, Ground Water and Sediment Standards for Use Under
Part XV.1 of the Environmental Protection Act, April 15, 2011,
Table 1: Full Depth Background Site Condition Standards, for
All Types of Property Use

BOLD	Exceeds SCS
BOLD	Reportable Detection Limit Exceeds SCS
Units	All units in micrograms per litre, unless otherwise noted
mbgs	metres below ground surface
NA	Not Applicable
NV	No Value
TEQ	Toxic Equivalency Quotient

Input By: JK [July 15, 2021]
Checked By:



TABLE 7A
GROUNDWATER ANALYTICAL RESULTS (TABLE
SCREO I Dixie Outlet Mall LP & CP REIT Ontario P
1250 South Service Road and 1490 Dixie Road, Mi

Sample Location	MECP Table 1 SCS	MW21-29	TRIP BLANK	TRIP BLANK #3708	TRIP BLANK	TRIP BLANK LOT # 3708	TRIP BLANK
Sample Designation		DUP01-070521	TRIP BLANK	TRIP BLANK #3708	TRIP BLANK	TRIP BLANK LOT # 3708	TRIP BLANK
Sample Collection Date (dd/mm/yyyy)		05/07/2021	05/07/2021	07/07/2021	08/07/2021	09/07/2021	11/07/2021
Laboratory Certificate No.		C1I5211	C1I5211	C1I8416	C1I9634	C1J1447	C1J1871
Date of Laboratory Analysis (dd/mm/yyyy)		08/07/2021-09/07/2021	08/07/2021-09/07/2021	12/07/2021-13/07/2021	09/07/2021-12/07/2021	11/07/2021- 12/07/2021	13/07/2021-14/07/2021
Laboratory Sample No.		PZZ272	PZZ274	QAQ019	QAW142	QBF552	QBI435
Well Screen Depth Interval (mbgs)		0.76-2.9	NA	NA	NA	NA	NA
Petroleum Hydrocarbons (PHCs)							
PHCs F1 (C ₆ - C ₁₀)	420	-	-	-	<25	-	-
PHCs F2 (>C ₁₀ - C ₁₆)	150	-	-	-	-	-	-
PHCs F3 (>C ₁₆ - C ₃₄)	500	-	-	-	-	-	-
PHCs F4 (>C ₃₄ - C ₅₀)	500	-	-	-	-	-	-
Volatile Organic Compounds							
Acetone	2700	<10	<10	<10	<10	<10	<10
Benzene	0.5	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20
Bromodichloromethane	2	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
Bromoform	5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Bromomethane	0.89	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
Carbon Tetrachloride	0.2	<0.19	<0.19	<0.19	<0.20	<0.19	<0.19
Chlorobenzene	0.5	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20
Chloroform	2	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20
Dibromochloromethane	2	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
1,2-Dichlorobenzene	0.5	<0.40	<0.40	<0.40	<0.50	<0.40	<0.40
1,3-Dichlorobenzene	0.5	<0.40	<0.40	<0.40	<0.50	<0.40	<0.40
1,4-Dichlorobenzene	0.5	<0.40	<0.40	<0.40	<0.50	<0.40	<0.40
Dichlorodifluoromethane	590	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
1,1-Dichloroethane	0.5	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20
1,2-Dichloroethane	0.5	<0.49	<0.49	<0.49	<0.50	<0.49	<0.49
1,1-Dichloroethylene	0.5	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20
cis-1,2-Dichloroethylene	1.6	5.7	<0.50	<0.50	<0.50	<0.50	<0.50
trans-1,2-Dichloroethylene	1.6	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
1,2-Dichloropropane	0.5	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20
1,3-Dichloropropene (Total)	0.5	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
Ethylbenzene	0.5	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20
Ethylene Dibromide	0.2	<0.19	<0.19	<0.19	<0.20	<0.19	<0.19
Hexane	5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Methyl Ethyl Ketone	400	<10	<10	<10	<10	<10	<10
Methyl Isobutyl Ketone	640	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Methyl t-Butyl Ether (MTBE)	15	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
Methylene Chloride	5	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
Styrene	0.5	<0.40	<0.40	<0.40	<0.50	<0.40	<0.40
1,1,1,2-Tetrachloroethane	1.1	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
1,1,2,2-Tetrachloroethane	0.5	<0.40	<0.40	<0.40	<0.50	<0.40	<0.40
Tetrachloroethylene	0.5	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20
Toluene	0.8	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20
1,1,1-Trichloroethane	0.5	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20
1,1,2-Trichloroethane	0.5	<0.40	<0.40	<0.40	<0.50	<0.40	<0.40
Trichloroethylene	0.5	0.48	<0.20	<0.20	<0.20	<0.20	<0.20
Trichlorofluoromethane	150	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
Vinyl Chloride	0.5	2.2	<0.20	<0.20	<0.20	<0.20	<0.20
Xylenes (Total)	72	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20
Metals							
Antimony	1.5	-	-	-	-	-	-
Arsenic	13	-	-	-	-	-	-
Barium	610	-	-	-	-	-	-
Beryllium	0.5	-	-	-	-	-	-
Boron (Total)	1700	-	-	-	-	-	-
Cadmium	0.5	-	-	-	-	-	-
Chromium (Total)	11	-	-	-	-	-	-
Chromium (Hexavalent)	25	-	-	-	-	-	-
Cobalt	3.8	-	-	-	-	-	-
Copper	5	-	-	-	-	-	-
Lead	1.9	-	-	-	-	-	-
Mercury	0.1	-	-	-	-	-	-
Molybdenum	23	-	-	-	-	-	-
Nickel	14	-	-	-	-	-	-
Selenium	5	-	-	-	-	-	-
Silver	0.3	-	-	-	-	-	-
Sodium	490000	-	-	-	-	-	-
Thallium	0.5	-	-	-	-	-	-
Uranium	8.9	-	-	-	-	-	-
Vanadium	3.9	-	-	-	-	-	-
Zinc	160	-	-	-	-	-	-
Inorganics							
Chloride	790000	-	-	-	-	-	-
Cyanide (Free)	0.1	-	-	-	-	-	-

Notes:

MECP Table 1 SCS:

Soil, Ground Water and Sediment Standards for Use Under
Part XV.1 of the Environmental Protection Act, April 15, 2011,
Table 1: Full Depth Background Site Condition Standards, for
All Types of Property Use

BOLD	Exceeds SCS
BOLD	Reportable Detection Limit Exceeds SCS
Units	All units in micrograms per litre, unless otherwise noted
mbgs	metres below ground surface
NA	Not Applicable
NV	No Value
TEQ	Toxic Equivalency Quotient

Input By: JK [July 15, 2021]

Checked By:



TABLE 7A
GROUNDWATER ANALYTICAL RESULTS (TABLE
SCREO I Dixie Outlet Mall LP & CP REIT Ontario P
1250 South Service Road and 1490 Dixie Road, Mi

Sample Location	MECP Table 1 SCS	TRIP BLANK
Sample Designation		TRIP BLANK
Sample Collection Date (dd/mm/yyyy)		12/07/2021
Laboratory Certificate No.		C1J3167
Date of Laboratory Analysis (dd/mm/yyyy)		13/07/2021-13/07/2021
Laboratory Sample No.		QBP589
Well Screen Depth Interval (mbgs)		NA
Petroleum Hydrocarbons (PHCs)		
PHCs F1 (C ₆ - C ₁₀)	420	-
PHCs F2 (>C ₁₀ - C ₁₆)	150	-
PHCs F3 (>C ₁₆ - C ₃₄)	500	-
PHCs F4 (>C ₃₄ - C ₅₀)	500	-
Volatile Organic Compounds		
Acetone	2700	<10
Benzene	0.5	<0.20
Bromodichloromethane	2	<0.50
Bromoform	5	<1.0
Bromomethane	0.89	<0.50
Carbon Tetrachloride	0.2	<0.19
Chlorobenzene	0.5	<0.20
Chloroform	2	<0.20
Dibromochloromethane	2	<0.50
1,2-Dichlorobenzene	0.5	<0.40
1,3-Dichlorobenzene	0.5	<0.40
1,4-Dichlorobenzene	0.5	<0.40
Dichlorodifluoromethane	590	<1.0
1,1-Dichloroethane	0.5	<0.20
1,2-Dichloroethane	0.5	<0.49
1,1-Dichloroethylene	0.5	<0.20
cis-1,2-Dichloroethylene	1.6	<0.50
trans-1,2-Dichloroethylene	1.6	<0.50
1,2-Dichloropropane	0.5	<0.20
1,3-Dichloropropene (Total)	0.5	<0.50
Ethylbenzene	0.5	<0.20
Ethylene Dibromide	0.2	<0.19
Hexane	5	<1.0
Methyl Ethyl Ketone	400	<10
Methyl Isobutyl Ketone	640	<5.0
Methyl t-Butyl Ether (MTBE)	15	<0.50
Methylene Chloride	5	<2.0
Styrene	0.5	<0.40
1,1,1,2-Tetrachloroethane	1.1	<0.50
1,1,2,2-Tetrachloroethane	0.5	<0.40
Tetrachloroethylene	0.5	<0.20
Toluene	0.8	<0.20
1,1,1-Trichloroethane	0.5	<0.20
1,1,2-Trichloroethane	0.5	<0.40
Trichloroethylene	0.5	<0.20
Trichlorofluoromethane	150	<0.50
Vinyl Chloride	0.5	<0.20
Xylenes (Total)	72	<0.20
Metals		
Antimony	1.5	-
Arsenic	13	-
Barium	610	-
Beryllium	0.5	-
Boron (Total)	1700	-
Cadmium	0.5	-
Chromium (Total)	11	-
Chromium (Hexavalent)	25	-
Cobalt	3.8	-
Copper	5	-
Lead	1.9	-
Mercury	0.1	-
Molybdenum	23	-
Nickel	14	-
Selenium	5	-
Silver	0.3	-
Sodium	490000	-
Thallium	0.5	-
Uranium	8.9	-
Vanadium	3.9	-
Zinc	160	-
Inorganics		
Chloride	790000	-
Cyanide (Free)	0.1	-

Notes:
MECP Table 1 SCS:

Soil, Ground Water and Sediment Standards for Use Under
Part XV.1 of the Environmental Protection Act, April 15, 2011,
Table 1: Full Depth Background Site Condition Standards, for
All Types of Property Use

BOLD	Exceeds SCS
BOLD	Reportable Detection Limit Exceeds SCS
Units	All units in micrograms per litre, unless otherwise noted
mbgs	metres below ground surface
NA	Not Applicable
NV	No Value
TEQ	Toxic Equivalency Quotient

Input By: JK [July 15, 2021]
Checked By:



TABLE 7B
GROUNDWATER ANALYTICAL RESULTS (TABLE 3 STANDARDS)
SCREO I Dixie Outlet Mall LP & CP REIT Ontario Properties Limited
1250 South Service Road and 1490 Dixie Road, Mississauga, Ontario

Sample Location	MECP Table 3 SCS	MW-2	MW09-01	MW09-05	MW09-05	MW14-2	MW14-3	MW14-4	MW14-6*	MW14-7*	MW14-8
Sample Designation		MW-2	MW09-1	MW09-5	DUP2-090721	MW14-2	MW14-3	MW14-4	MW14-6	MW14-7	MW14-8
Sample Collection Date (dd/mm/yyyy)		09/07/2021	10/07/2021	09/07/2021	09/07/2021	10/07/2021	02/07/2021	10/07/2021	11/07/2021	08/07/2021	08/07/2021
Laboratory Certificate No.		C1J1447	C1J1871	C1J1447	C1J1447	C1J1871	C1I5211	C1J1871	C1J1871	C1I9634	C1I9634
Date of Laboratory Analysis (dd/mm/yyyy)		12/07/2021-13/07/2021	13/07/2021-14/07/2021	12/07/2021-13/07/2021	12/07/2021-13/07/2021	13/07/2021-14/07/2021	08/07/2021-09/07/2021	13/07/2021-14/07/2021	13/07/2021-14/07/2021	12/07/2021-13/07/2021	12/07/2021-13/07/2021
Laboratory Sample No.		QBF544	QBI427	QBF545	QBF550	QBI425	PZZ267	QBI426	QBI428	QAW248	QAW136
Well Screen Depth Interval (mbgs)		1.8-4.9	1.5-4.6	1.5-4.6	1.5-4.6	#N/A	1.2-2.7	1.2-2.7	0.30-1.2*	0.30-0.61*	2.9-5.9
Petroleum Hydrocarbons (PHCs)											
PHCs F1 (C ₆ - C ₁₀)	750	<25	-	<25	<25	-	-	-	-	-	-
PHCs F2 (>C ₁₀ - C ₁₆)	150	<100	-	<100	<100	-	-	-	-	-	-
PHCs F3 (>C ₁₆ - C ₃₄)	500	<200	-	<200	<200	-	-	-	-	-	-
PHCs F4 (>C ₃₄ - C ₅₀)	500	<200	-	<200	<200	-	-	-	-	-	-
Volatile Organic Compounds											
Acetone	130000	<10	13	<10	<10	<10	<10	<10	10	<10	<10
Benzene	44	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20
Bromodichloromethane	85000	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
Bromoform	380	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Bromomethane	5.6	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
Carbon Tetrachloride	0.79	<0.20	<0.19	<0.20	<0.20	<0.19	<0.19	<0.19	<0.19	<0.19	<0.19
Chlorobenzene	630	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20
Chloroform	2.4	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	0.23	<0.20	<0.20
Dibromochloromethane	82000	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
1,2-Dichlorobenzene	4600	<0.50	<0.40	<0.50	<0.50	<0.40	<0.40	<0.40	<0.40	<0.40	<0.40
1,3-Dichlorobenzene	9600	<0.50	<0.40	<0.50	<0.50	<0.40	<0.40	<0.40	<0.40	<0.40	<0.40
1,4-Dichlorobenzene	8	<0.50	<0.40	<0.50	<0.50	<0.40	<0.40	<0.40	<0.40	<0.40	<0.40
Dichlorodifluoromethane	4400	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
1,1-Dichloroethane	320	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20
1,2-Dichloroethane	1.6	<0.50	<0.49	<0.50	<0.50	<0.49	<0.49	<0.49	<0.49	<0.49	<0.49
1,1-Dichloroethylene	1.6	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20
cis-1,2-Dichloroethylene	1.6	<0.50	<0.50	<0.50	<0.50	6.8	<0.50	<0.50	<0.50	0.77	<0.50
trans-1,2-Dichloroethylene	1.6	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
1,2-Dichloropropane	16	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20
1,3-Dichloropropene (Total)	5.2	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
Ethylbenzene	2300	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20
Ethylene Dibromide	0.25	<0.20	<0.19	<0.20	<0.20	<0.19	<0.19	<0.19	<0.19	<0.19	<0.19
Hexane	51	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Methyl Ethyl Ketone	470000	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10
Methyl Isobutyl Ketone	140000	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Methyl t-Butyl Ether (MTBE)	190	1.1	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
Methylene Chloride	610	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
Styrene	1300	<0.50	<0.40	<0.50	<0.50	<0.40	<0.40	<0.40	<0.40	<0.40	<0.40
1,1,1,2-Tetrachloroethane	3.3	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
1,1,1,2,2-Tetrachloroethane	3.2	<0.50	<0.40	<0.50	<0.50	<0.40	<0.40	<0.40	<0.40	<0.40	<0.40
Tetrachloroethylene	1.6	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	0.38	0.27	42	<0.20
Toluene	18000	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	0.23	<0.20	<0.20
1,1,1-Trichloroethane	640	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20
1,1,2-Trichloroethane	4.7	<0.50	<0.40	<0.50	<0.50	<0.40	<0.40	<0.40	<0.40	<0.40	<0.40
Trichloroethylene	1.6	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	1	<0.20
Trichlorofluoromethane	2500	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
Vinyl Chloride	0.5	<0.20	<0.20	<0.20	<0.20	0.42	<0.20	<0.20	<0.20	<0.20	<0.20
Xylenes (Total)	4200	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20
Polycyclic Aromatic Hydrocarbons											
Acenaphthene	600	<0.050	-	<0.050	<0.050	-	-	-	-	-	-
Acenaphthylene	1.8	<0.050	-	<0.050	<0.050	-	-	-	-	-	-
Anthracene	2.4	<0.050	-	<0.050	<0.050	-	-	-	-	-	-
Benzo(a)anthracene	4.7	<0.050	-	<0.050	<0.050	-	-	-	-	-	-
Benzo(a)pyrene	0.81	<0.0090	-	<0.0090	<0.0090	-	-	-	-	-	-
Benzo(b)fluoranthene	0.75	<0.050	-	<0.050	<0.050	-	-	-	-	-	-
Benzo(ghi)perylene	0.2	<0.050	-	<0.050	<0.050	-	-	-	-	-	-
Benzo(k)fluoranthene	0.4	<0.050	-	<0.050	<0.050	-	-	-	-	-	-
Chrysene	1	<0.050	-	<0.050	<0.050	-	-	-	-	-	-
Dibenzo(a,h)anthracene	0.52	<0.050	-	<0.050	<0.050	-	-	-	-	-	-
Fluoranthene	130	<0.050	-	<0.050	<0.050	-	-	-	-	-	-
Fluorene	400	<0.050	-	<0.050	<0.050	-	-	-	-	-	-
Indeno(1,2,3-cd)pyrene	0.2	<0.050	-	<0.050	<0.050	-	-	-	-	-	-
1- & 2-Methylnaphthalene	1800	<0.071	-	<0.071	<0.071	-	-	-	-	-	-
Naphthalene	1400	<0.050	-	<0.050	<0.050	-	-	-	-	-	-
Phenanthrene	580	<0.030	-	<0.030	<0.030	-	-	-	-	-	-
Pyrene	68	<0.050	-	<0.050	<0.050	-	-	-	-	-	-
Metals											
Antimony	20000	-	-	-	-	-	-	-	-	-	-
Arsenic	1900	-	-	-	-	-	-	-	-	-	-
Barium	29000	-	-	-	-	-	-	-	-	-	-
Beryllium	67	-	-	-	-	-	-	-	-	-	-
Boron (Total)	45000	-	-	-	-	-	-	-	-	-	-
Cadmium	2.7	-	-	-	-	-	-	-	-	-	-
Chromium (Total)	810	-	-	-	-	-	-	-	-	-	-
Chromium (Hexavalent)	140	-	-	-	-	-	-	-	-	-	-
Cobalt	66	-	-	-	-	-	-	-	-	-	-
Copper	87	-	-	-	-	-	-	-	-	-	-
Lead	25	-	-	-	-	-	-	-	-	-	-
Mercury	0.29	-	-	-	-	-	-	-	-	-	-
Molybdenum	9200	-	-	-	-	-	-	-	-	-	-
Nickel	490	-	-	-	-	-	-	-	-	-	-
Selenium	63	-	-	-	-	-	-	-	-	-	-
Silver	1.5	-	-	-	-	-	-	-	-	-	-
Sodium	2300000	-	-	-	-	-	-	-	-	-	-
Thallium	510	-	-	-	-	-	-	-	-	-	-
Uranium	420	-	-	-	-	-	-	-	-	-	-
Vanadium	250	-	-	-	-	-	-	-	-	-	-
Zinc	1100	-	-	-	-	-	-	-	-	-	-
Inorganics											
Chloride	2300000	-	-	-	-	-	-	-	-	-	-
Cyanide (Free)	66	-	-	-	-	-	-	-	-	-	-

Notes:
MECP Table 3 SCS:
Soil, Ground Water and Sediment Standards for Use Under Part XV.1 of the Environmental Protection Act, April 15, 2011, Table 3: Full Depth Generic Site Condition Standards in a Non-Potable Ground Water Condition, for All Types of Property Use and Coarse-Textured Soils

BOLD	Exceeds SCS
BOLD	Reportable Detection Limit Exceeds SCS
Units	All units in micrograms per litre, unless otherwise noted
mbgs	metres below ground surface
	* metres below basement floor surface (mbfs)
NA	Not Applicable
NV	No Value
TEQ	Toxic Equivalency Quotient

Input By: JK [July 15, 2021]
Checked By:



TABLE 7B
GROUNDWATER ANALYTICAL RESULTS (TABLE 3)
SCREO I Dixie Outlet Mall LP & CP REIT Ontario Pr
1250 South Service Road and 1490 Dixie Road, Mis

Sample Location	MECP Table 3 SCS	MW14-12	MW15-4	MW15-5	MW15-5	MW15-6	MW16-2	MW16-3	MW16-4	MW16-5	MW17-1
Sample Designation		MW14-12	MW15-4	MW15-5	DUP03-070921	MW15-06	MW16-2	MW16-3	MW16-4	MW16-5	MW17-1
Sample Collection Date (dd/mm/yyyy)		07/07/2021	09/07/2021	09/07/2021	09/07/2021	12/07/2021	02/07/2021	11/07/2021	11/07/2021	11/07/2021	13/07/2021
Laboratory Certificate No.		C1I8416	C1J1447	C1J1447	C1J1447	C1J3167	C1I5211	C1J1871	C1J1871	C1J1871	C1J3167
Date of Laboratory Analysis (dd/mm/yyyy)		12/07/2021-13/07/2021	11/07/2021-12/07/2021	11/07/2021-12/07/2021	11/07/2021-12/07/2021	13/07/2021-13/07/2021	08/07/2021-09/07/2021	13/07/2021-14/07/2021	13/07/2021-14/07/2021	13/07/2021-14/07/2021	13/07/2021-13/07/2021
Laboratory Sample No.		QAQ018	QBF541	QBF542	QBF551	QBP582	PZZ268	QBI431	QBI432	QBI433	QBP583
Well Screen Depth Interval (mbgs)		2.1-5.2	2.4-5.5	1.8-4.9	1.8-4.9	2.0-5.0	2.4-5.5	3.0-6.1	2.1-5.2	2.1-5.2	3.0-6.1
Petroleum Hydrocarbons (PHCs)											
PHCs F1 (C ₆ - C ₁₀)	750	-	-	-	-	-	-	-	-	-	-
PHCs F2 (>C ₁₀ - C ₁₆)	150	-	-	-	-	-	-	-	-	-	-
PHCs F3 (>C ₁₆ - C ₃₄)	500	-	-	-	-	-	-	-	-	-	-
PHCs F4 (>C ₃₄ - C ₅₀)	500	-	-	-	-	-	-	-	-	-	-
Volatile Organic Compounds											
Acetone	130000	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10
Benzene	44	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20
Bromodichloromethane	85000	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
Bromoform	380	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Bromomethane	5.6	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
Carbon Tetrachloride	0.79	<0.19	<0.19	<0.19	<0.19	<0.19	<0.19	<0.19	<0.19	<0.19	<0.19
Chlorobenzene	630	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20
Chloroform	2.4	0.97	<0.20	<0.20	<0.20	<0.20	0.34	<0.20	2.6	0.54	1.7
Dibromochloromethane	82000	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
1,2-Dichlorobenzene	4600	<0.40	<0.40	<0.40	<0.40	<0.40	<0.40	<0.40	<0.40	<0.40	<0.40
1,3-Dichlorobenzene	9600	<0.40	<0.40	<0.40	<0.40	<0.40	<0.40	<0.40	<0.40	<0.40	<0.40
1,4-Dichlorobenzene	8	<0.40	<0.40	<0.40	<0.40	<0.40	<0.40	<0.40	<0.40	<0.40	<0.40
Dichlorodifluoromethane	4400	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
1,1-Dichloroethane	320	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20
1,2-Dichloroethane	1.6	<0.49	<0.49	<0.49	<0.49	<0.49	<0.49	<0.49	<0.49	<0.49	<0.49
1,1-Dichloroethylene	1.6	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20
cis-1,2-Dichloroethylene	1.6	<0.50	0.78	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
trans-1,2-Dichloroethylene	1.6	<0.50	0.84	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
1,2-Dichloropropane	16	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20
1,3-Dichloropropene (Total)	5.2	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
Ethylbenzene	2300	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20
Ethylene Dibromide	0.25	<0.19	<0.19	<0.19	<0.19	<0.19	<0.19	<0.19	<0.19	<0.19	<0.19
Hexane	51	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Methyl Ethyl Ketone	470000	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10
Methyl Isobutyl Ketone	140000	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Methyl t-Butyl Ether (MTBE)	190	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
Methylene Chloride	610	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
Styrene	1300	<0.40	<0.40	<0.40	<0.40	<0.40	<0.40	<0.40	<0.40	<0.40	<0.40
1,1,1,2-Tetrachloroethane	3.3	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
1,1,1,2,2-Tetrachloroethane	3.2	<0.40	<0.40	<0.40	<0.40	<0.40	<0.40	<0.40	<0.40	<0.40	<0.40
Tetrachloroethylene	1.6	<0.20	240	<0.20	<0.20	<0.20	<0.20	0.76	1.2	5.2	0.5
Toluene	18000	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20
1,1,1-Trichloroethane	640	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20
1,1,2-Trichloroethane	4.7	<0.40	<0.40	<0.40	<0.40	<0.40	<0.40	<0.40	<0.40	<0.40	<0.40
Trichloroethylene	1.6	<0.20	12	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20
Trichlorofluoromethane	2500	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
Vinyl Chloride	0.5	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20
Xylenes (Total)	4200	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20
Polycyclic Aromatic Hydrocarbons											
Acenaphthene	600	-	-	-	-	-	-	-	-	-	-
Acenaphthylene	1.8	-	-	-	-	-	-	-	-	-	-
Anthracene	2.4	-	-	-	-	-	-	-	-	-	-
Benzo(a)anthracene	4.7	-	-	-	-	-	-	-	-	-	-
Benzo(a)pyrene	0.81	-	-	-	-	-	-	-	-	-	-
Benzo(b)fluoranthene	0.75	-	-	-	-	-	-	-	-	-	-
Benzo(ghi)perylene	0.2	-	-	-	-	-	-	-	-	-	-
Benzo(k)fluoranthene	0.4	-	-	-	-	-	-	-	-	-	-
Chrysene	1	-	-	-	-	-	-	-	-	-	-
Dibenzo(a,h)anthracene	0.52	-	-	-	-	-	-	-	-	-	-
Fluoranthene	130	-	-	-	-	-	-	-	-	-	-
Fluorene	400	-	-	-	-	-	-	-	-	-	-
Indeno(1,2,3-cd)pyrene	0.2	-	-	-	-	-	-	-	-	-	-
1- & 2-Methylnaphthalene	1800	-	-	-	-	-	-	-	-	-	-
Naphthalene	1400	-	-	-	-	-	-	-	-	-	-
Phenanthrene	580	-	-	-	-	-	-	-	-	-	-
Pyrene	68	-	-	-	-	-	-	-	-	-	-
Metals											
Antimony	20000	-	-	-	-	-	-	-	-	-	-
Arsenic	1900	-	-	-	-	-	-	-	-	-	-
Barium	29000	-	-	-	-	-	-	-	-	-	-
Beryllium	67	-	-	-	-	-	-	-	-	-	-
Boron (Total)	45000	-	-	-	-	-	-	-	-	-	-
Cadmium	2.7	-	-	-	-	-	-	-	-	-	-
Chromium (Total)	810	-	-	-	-	-	-	-	-	-	-
Chromium (Hexavalent)	140	-	-	-	-	-	-	-	-	-	-
Cobalt	66	-	-	-	-	-	-	-	-	-	-
Copper	87	-	-	-	-	-	-	-	-	-	-
Lead	25	-	-	-	-	-	-	-	-	-	-
Mercury	0.29	-	-	-	-	-	-	-	-	-	-
Molybdenum	9200	-	-	-	-	-	-	-	-	-	-
Nickel	490	-	-	-	-	-	-	-	-	-	-
Selenium	63	-	-	-	-	-	-	-	-	-	-
Silver	1.5	-	-	-	-	-	-	-	-	-	-
Sodium	2300000	-	-	-	-	-	-	-	-	-	-
Thallium	510	-	-	-	-	-	-	-	-	-	-
Uranium	420	-	-	-	-	-	-	-	-	-	-
Vanadium	250	-	-	-	-	-	-	-	-	-	-
Zinc	1100	-	-	-	-	-	-	-	-	-	-
Inorganics											
Chloride	2300000	-	-	-	-	-	-	-	-	-	-
Cyanide (Free)	66	-	-	-	-	-	-	-	-	-	-

Notes:
MECP Table 3 SCS:
Soil, Ground Water and Sediment Standards for Use Under Part XV.1 of the Environmental Protection Act, April 15, 2011, Table 3: Full Depth Generic Site Condition Standards in a Non-Potable Ground Water Condition, for All Types of Property Use and Coarse-Textured Soils

BOLD	Exceeds SCS
BOLD	Reportable Detection Limit Exceeds SCS
Units	All units in micrograms per litre, unless otherwise noted
mbgs	metres below ground surface
	* metres below basement floor surface (mbfs)
NA	Not Applicable
NV	No Value
TEQ	Toxic Equivalency Quotient

Input By: JK [July 15, 2021]
Checked By:



TABLE 7B
GROUNDWATER ANALYTICAL RESULTS (TABLE 3)
SCREO I Dixie Outlet Mall LP & CP REIT Ontario Pr
1250 South Service Road and 1490 Dixie Road, Mis

Sample Location	MECP Table 3 SCS	MW17-2	MW17-3	MW17-4	MW17-5	MW21-02	MW21-03	MW21-04	MW21-05*	MW21-11	MW21-11
Sample Designation		MW17-2	MW17-3	MW17-4	MW17-5	MW21-02	MW21-03	MW21-04	MW21-05	MW21-11	DUP02-070521
Sample Collection Date (dd/mm/yyyy)		13/07/2021	12/07/2021	12/07/2021	12/07/2021	13/07/2021	10/07/2021	10/07/2021	10/07/2021	05/07/2021	02/07/2021
Laboratory Certificate No.		C1J3167	C1J3167	C1J3167	C1J3167	C1J3167	C1J1871	C1J1871	C1J1871	C115211	C115211
Date of Laboratory Analysis (dd/mm/yyyy)		13/07/2021-13/07/2021	13/07/2021-13/07/2021	13/07/2021-13/07/2021	13/07/2021-13/07/2021	13/07/2021-13/07/2021	13/07/2021-14/07/2021	13/07/2021-14/07/2021	13/07/2021-14/07/2021	08/07/2021-12/07/2021	08/07/2021-12/07/2021
Laboratory Sample No.		QBP584	QBP585	QBP586	QBP587	QBP581	QBI423	QBI424	QBI422	PZZ269	PZZ366
Well Screen Depth Interval (mbgs)		3.0-6.1	2.4-5.5	3.0-6.1	3.0-6.1	0.91-3.1	0.61-3.4	#N/A	0.30-0.60	1.4-4.4	1.4-4.4
Petroleum Hydrocarbons (PHCs)											
PHCs F1 (C ₆ - C ₁₀)	750	-	-	-	-	-	-	-	-	<25	<25
PHCs F2 (>C ₁₀ - C ₁₆)	150	-	-	-	-	-	-	-	-	<100	<100
PHCs F3 (>C ₁₆ - C ₃₄)	500	-	-	-	-	-	-	-	-	<200	<200
PHCs F4 (>C ₃₄ - C ₅₀)	500	-	-	-	-	-	-	-	-	<200	<200
Volatile Organic Compounds											
Acetone	130000	18	42	<10	<100	<10	<10	<10	<10	<10	<10
Benzene	44	<0.20	0.24	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20
Bromodichloromethane	85000	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
Bromoform	380	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Bromomethane	5.6	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
Carbon Tetrachloride	0.79	<0.19	<0.19	<0.19	<0.19	<0.19	<0.19	<0.19	<0.19	<0.20	<0.20
Chlorobenzene	630	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20
Chloroform	2.4	<0.20	<0.20	<0.20	<2.0	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20
Dibromochloromethane	82000	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
1,2-Dichlorobenzene	4600	<0.40	<0.40	<0.40	<0.40	<0.40	<0.40	<0.40	<0.40	<0.50	<0.50
1,3-Dichlorobenzene	9600	<0.40	<0.40	<0.40	<0.40	<0.40	<0.40	<0.40	<0.40	<0.50	<0.50
1,4-Dichlorobenzene	8	<0.40	<0.40	<0.40	<0.40	<0.40	<0.40	<0.40	<0.40	<0.50	<0.50
Dichlorodifluoromethane	4400	<1.0	<1.0	<1.0	<10	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
1,1-Dichloroethane	320	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20
1,2-Dichloroethane	1.6	<0.49	<0.49	<0.49	<0.49	<0.49	<0.49	<0.49	<0.49	<0.50	<0.50
1,1-Dichloroethylene	1.6	<0.20	<0.20	<0.20	0.4	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20
cis-1,2-Dichloroethylene	1.6	<0.50	2.1	<0.50	88	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
trans-1,2-Dichloroethylene	1.6	<0.50	<0.50	<0.50	3.5	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
1,2-Dichloropropane	16	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20
1,3-Dichloropropene (Total)	5.2	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
Ethylbenzene	2300	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20
Ethylene Dibromide	0.25	<0.19	<0.19	<0.19	<0.19	<0.19	<0.19	<0.19	<0.19	<0.20	<0.20
Hexane	51	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Methyl Ethyl Ketone	470000	<10	<10	<10	<100	<10	<10	<10	<10	<10	<10
Methyl Isobutyl Ketone	140000	<5.0	<5.0	<5.0	<50	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Methyl t-Butyl Ether (MTBE)	190	<0.50	<0.50	<0.50	<5.0	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
Methylene Chloride	610	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
Styrene	1300	<0.40	<0.40	<0.40	<0.40	<0.40	<0.40	<0.40	<0.40	<0.50	<0.50
1,1,1,2-Tetrachloroethane	3.3	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
1,1,2,2-Tetrachloroethane	3.2	<0.40	<0.40	<0.40	<0.40	<0.40	<0.40	<0.40	<0.40	<0.50	<0.50
Tetrachloroethylene	1.6	7.7	5.6	5.6	1900	<0.20	<0.20	<0.20	<0.20	0.73	0.8
Toluene	18000	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20
1,1,1-Trichloroethane	640	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20
1,1,2-Trichloroethane	4.7	<0.40	<0.40	<0.40	<0.40	<0.40	<0.40	<0.40	<0.40	<0.50	<0.50
Trichloroethylene	1.6	2	2.6	<0.20	170	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20
Trichlorofluoromethane	2500	<0.50	<0.50	<0.50	<5.0	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
Vinyl Chloride	0.5	<0.20	3.5	<0.20	15	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20
Xylenes (Total)	4200	<0.20	<0.20	<0.20	<2.0	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20
Polycyclic Aromatic Hydrocarbons											
Acenaphthene	600	-	-	-	-	-	-	-	-	<0.050	<0.050
Acenaphthylene	1.8	-	-	-	-	-	-	-	-	<0.050	<0.050
Anthracene	2.4	-	-	-	-	-	-	-	-	<0.050	<0.050
Benzo(a)anthracene	4.7	-	-	-	-	-	-	-	-	<0.050	<0.050
Benzo(a)pyrene	0.81	-	-	-	-	-	-	-	-	<0.0090	<0.0090
Benzo(b)fluoranthene	0.75	-	-	-	-	-	-	-	-	<0.050	<0.050
Benzo(ghi)perylene	0.2	-	-	-	-	-	-	-	-	<0.050	<0.050
Benzo(k)fluoranthene	0.4	-	-	-	-	-	-	-	-	<0.050	<0.050
Chrysene	1	-	-	-	-	-	-	-	-	<0.050	<0.050
Dibenzo(a,h)anthracene	0.52	-	-	-	-	-	-	-	-	<0.050	<0.050
Fluoranthene	130	-	-	-	-	-	-	-	-	<0.050	<0.050
Fluorene	400	-	-	-	-	-	-	-	-	<0.050	<0.050
Indeno(1,2,3-cd)pyrene	0.2	-	-	-	-	-	-	-	-	<0.050	<0.050
1- & 2-Methylnaphthalene	1800	-	-	-	-	-	-	-	-	<0.071	<0.071
Naphthalene	1400	-	-	-	-	-	-	-	-	<0.050	<0.050
Phenanthrene	580	-	-	-	-	-	-	-	-	<0.030	<0.030
Pyrene	68	-	-	-	-	-	-	-	-	<0.050	<0.050
Metals											
Antimony	20000	-	-	-	-	-	-	-	-	<2.5	<2.5
Arsenic	1900	-	-	-	-	-	-	-	-	<5.0	<5.0
Barium	29000	-	-	-	-	-	-	-	-	180	180
Beryllium	67	-	-	-	-	-	-	-	-	<2.0	<2.0
Boron (Total)	45000	-	-	-	-	-	-	-	-	93	98
Cadmium	2.7	-	-	-	-	-	-	-	-	<0.45	<0.45
Chromium (Total)	810	-	-	-	-	-	-	-	-	<25	<25
Chromium (Hexavalent)	140	-	-	-	-	-	-	-	-	<2.5	<2.5
Cobalt	66	-	-	-	-	-	-	-	-	<2.5	<2.5
Copper	87	-	-	-	-	-	-	-	-	<4.5	<4.5
Lead	25	-	-	-	-	-	-	-	-	<2.5	<2.5
Mercury	0.29	-	-	-	-	-	-	-	-	<0.10	<0.10
Molybdenum	9200	-	-	-	-	-	-	-	-	3.3	3.3
Nickel	490	-	-	-	-	-	-	-	-	<5.0	<5.0
Selenium	63	-	-	-	-	-	-	-	-	<10	<10
Silver	1.5	-	-	-	-	-	-	-	-	<0.45	<0.45
Sodium	2300000	-	-	-	-	-	-	-	-	-	-
Thallium	510	-	-	-	-	-	-	-	-	<0.25	<0.25
Uranium	420	-	-	-	-	-	-	-	-	1.1	1.1
Vanadium	250	-	-	-	-	-	-	-	-	<2.5	<2.5
Zinc	1100	-	-	-	-	-	-	-	-	<25	<25
Inorganics											
Chloride	2300000	-	-	-	-	-	-	-	-	-	-
Cyanide (Free)	66	-	-	-	-	-	-	-	-	1	1

Notes:
MECP Table 3 SCS:
Soil, Ground Water and Sediment Standards for Use Under Part XV.1 of the Environmental Protection Act, April 15, 2011, Table 3: Full Depth Generic Site Condition Standards in a Non-Potable Ground Water Condition, for All Types of Property Use and Coarse-Textured Soils

BOLD	Exceeds SCS
BOLD	Reportable Detection Limit Exceeds SCS
Units	All units in micrograms per litre, unless otherwise noted
mbgs	metres below ground surface
	* metres below basement floor surface (mbfs)
NA	Not Applicable
NV	No Value
TEQ	Toxic Equivalency Quotient

Input By: JK [July 15, 2021]
Checked By:



TABLE 7B
GROUNDWATER ANALYTICAL RESULTS (TABLE 3)
SCREO I Dixie Outlet Mall LP & CP REIT Ontario Pr
1250 South Service Road and 1490 Dixie Road, Mis

Sample Location	MECP Table 3 SCS	MW21-12	MW21-13	MW21-14	MW21-15*	MW21-16*	MW21-17	MW21-17	MW21-19	MW21-19	MW21-30*
Sample Designation		MW21-12	MW21-13	MW21-14	MW21-15	MW21-16	MW21-17	DUP01-070921	MW21-19	DUP-080721	MW21-30
Sample Collection Date (dd/mm/yyyy)		08/07/2021	11/07/2021	09/07/2021	09/07/2021	08/07/2021	09/07/2021	09/07/2021	08/07/2021	08/07/2021	08/07/2021
Laboratory Certificate No.		C119634	C1J1871	C1J1447	C1J1447	C119634	C1J1447	C1J1447	C119634	C119634	C119634
Date of Laboratory Analysis (dd/mm/yyyy)		12/07/2021-13/07/2021	13/07/2021-14/07/2021	12/07/2021-13/07/2021	11/07/2021-12/07/2021	12/07/2021-13/07/2021	11/07/2021-12/07/2021	11/07/2021-12/07/2021	12/07/2021-13/07/2021	12/07/2021-13/07/2021	11/07/2021-13/07/2021
Laboratory Sample No.		QAW138	QBI429	QBF547	QBF548	QAW249	QBF539	QBF549	QAW135	QAW137	QAW236
Well Screen Depth Interval (mbgs)		1.5-4.6	1.8-4.9	1.8-4.9	0.61-3.1	0.61-3.1	12.8-14.3	12.8-14.3	1.8-4.9	1.8-4.9	0.46-1.2*
Petroleum Hydrocarbons (PHCs)											
PHCs F1 (C ₆ - C ₁₀)	750	-	-	<25	-	-	-	-	-	-	<25
PHCs F2 (>C ₁₀ - C ₁₆)	150	-	-	<100	-	-	-	-	-	-	<100
PHCs F3 (>C ₁₆ - C ₃₄)	500	-	-	<200	-	-	-	-	-	-	<200
PHCs F4 (>C ₃₄ - C ₅₀)	500	-	-	<200	-	-	-	-	-	-	<200
Volatile Organic Compounds											
Acetone	130000	<10	<10	<10	<10	<10	37	39	<10	<10	-
Benzene	44	<0.20	<0.20	<0.20	<0.20	0.26	1.5	1.5	<0.20	<0.20	<0.20
Bromodichloromethane	85000	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	-
Bromoform	380	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	-
Bromomethane	5.6	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	-
Carbon Tetrachloride	0.79	<0.19	<0.19	<0.20	<0.19	<0.19	<0.19	<0.19	<0.19	<0.19	-
Chlorobenzene	630	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	-
Chloroform	2.4	<0.20	0.56	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	-
Dibromochloromethane	82000	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	-
1,2-Dichlorobenzene	4600	<0.40	<0.40	<0.50	<0.40	<0.40	<0.40	<0.40	<0.40	<0.40	-
1,3-Dichlorobenzene	9600	<0.40	<0.40	<0.50	<0.40	<0.40	<0.40	<0.40	<0.40	<0.40	-
1,4-Dichlorobenzene	8	<0.40	<0.40	<0.50	<0.40	<0.40	<0.40	<0.40	<0.40	<0.40	-
Dichlorodifluoromethane	4400	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	-
1,1-Dichloroethane	320	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	-
1,2-Dichloroethane	1.6	<0.49	<0.49	<0.50	<0.49	<0.49	<0.49	<0.49	<0.49	<0.49	-
1,1-Dichloroethylene	1.6	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	-
cis-1,2-Dichloroethylene	1.6	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	-
trans-1,2-Dichloroethylene	1.6	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	-
1,2-Dichloropropane	16	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	-
1,3-Dichloropropene (Total)	5.2	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	-
Ethylbenzene	2300	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20
Ethylene Dibromide	0.25	<0.19	<0.19	<0.20	<0.19	<0.19	<0.19	<0.19	<0.19	<0.19	-
Hexane	51	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	-
Methyl Ethyl Ketone	470000	<10	<10	<10	<10	<10	<10	<10	<10	<10	-
Methyl Isobutyl Ketone	140000	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	-
Methyl t-Butyl Ether (MTBE)	190	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	-
Methylene Chloride	610	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	-
Styrene	1300	<0.40	<0.40	<0.50	<0.40	<0.40	<0.40	<0.40	<0.40	<0.40	-
1,1,1,2-Tetrachloroethane	3.3	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	-
1,1,2,2-Tetrachloroethane	3.2	<0.40	<0.40	<0.50	<0.40	<0.40	<0.40	<0.40	<0.40	<0.40	-
Tetrachloroethylene	1.6	<0.20	16	<0.20	<0.20	<0.20	<0.20	<0.20	0.23	0.22	-
Toluene	18000	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	0.22
1,1,1-Trichloroethane	640	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	-
1,1,2-Trichloroethane	4.7	<0.40	<0.40	<0.50	<0.40	<0.40	<0.40	<0.40	<0.40	<0.40	-
Trichloroethylene	1.6	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	-
Trichlorofluoromethane	2500	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	-
Vinyl Chloride	0.5	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	-
Xylenes (Total)	4200	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.40
Polycyclic Aromatic Hydrocarbons											
Acenaphthene	600	-	-	<0.050	-	-	-	-	-	-	<0.050
Acenaphthylene	1.8	-	-	<0.050	-	-	-	-	-	-	<0.050
Anthracene	2.4	-	-	<0.050	-	-	-	-	-	-	<0.050
Benzo(a)anthracene	4.7	-	-	<0.050	-	-	-	-	-	-	<0.050
Benzo(a)pyrene	0.81	-	-	<0.0090	-	-	-	-	-	-	<0.0090
Benzo(b)fluoranthene	0.75	-	-	<0.050	-	-	-	-	-	-	<0.050
Benzo(ghi)perylene	0.2	-	-	<0.050	-	-	-	-	-	-	<0.050
Benzo(k)fluoranthene	0.4	-	-	<0.050	-	-	-	-	-	-	<0.050
Chrysene	1	-	-	<0.050	-	-	-	-	-	-	<0.050
Dibenzo(a,h)anthracene	0.52	-	-	<0.050	-	-	-	-	-	-	<0.050
Fluoranthene	130	-	-	<0.050	-	-	-	-	-	-	<0.050
Fluorene	400	-	-	<0.050	-	-	-	-	-	-	<0.050
Indeno(1,2,3-cd)pyrene	0.2	-	-	<0.050	-	-	-	-	-	-	<0.050
1- & 2-Methylnaphthalene	1800	-	-	<0.071	-	-	-	-	-	-	<0.071
Naphthalene	1400	-	-	<0.050	-	-	-	-	-	-	<0.050
Phenanthrene	580	-	-	<0.030	-	-	-	-	-	-	<0.030
Pyrene	68	-	-	<0.050	-	-	-	-	-	-	<0.050
Metals											
Antimony	20000	-	-	-	-	-	-	-	-	-	-
Arsenic	1900	-	-	-	-	-	-	-	-	-	-
Barium	29000	-	-	-	-	-	-	-	-	-	-
Beryllium	67	-	-	-	-	-	-	-	-	-	-
Boron (Total)	45000	-	-	-	-	-	-	-	-	-	-
Cadmium	2.7	-	-	-	-	-	-	-	-	-	-
Chromium (Total)	810	-	-	-	-	-	-	-	-	-	-
Chromium (Hexavalent)	140	-	-	-	-	-	-	-	-	-	-
Cobalt	66	-	-	-	-	-	-	-	-	-	-
Copper	87	-	-	-	-	-	-	-	-	-	-
Lead	25	-	-	-	-	-	-	-	-	-	-
Mercury	0.29	-	-	-	-	-	-	-	-	-	-
Molybdenum	9200	-	-	-	-	-	-	-	-	-	-
Nickel	490	-	-	-	-	-	-	-	-	-	-
Selenium	63	-	-	-	-	-	-	-	-	-	-
Silver	1.5	-	-	-	-	-	-	-	-	-	-
Sodium	2300000	-	-	-	-	-	-	-	-	-	-
Thallium	510	-	-	-	-	-	-	-	-	-	-
Uranium	420	-	-	-	-	-	-	-	-	-	-
Vanadium	250	-	-	-	-	-	-	-	-	-	-
Zinc	1100	-	-	-	-	-	-	-	-	-	-
Inorganics											
Chloride	2300000	-	-	-	-	-	-	-	-	-	-
Cyanide (Free)	66	-	-	-	-	-	-	-	-	-	-

Notes:

MECP Table 3 SCS:

Soil, Ground Water and Sediment Standards for Use Under Part

XV.1 of the Environmental Protection Act, April 15, 2011, Table

3: Full Depth Generic Site Condition Standards in a Non-Potable

Ground Water Condition, for All Types of Property Use and

Coarse-Textured Soils

BOLD	Exceeds SCS
BOLD	Reportable Detection Limit Exceeds SCS
Units	All units in micrograms per litre, unless otherwise noted
mbgs	metres below ground surface
	* metres below basement floor surface (mbfs)
NA	Not Applicable
NV	No Value
TEQ	Toxic Equivalency Quotient

Input By: JK [July 15, 2021]

Checked By:



TABLE 7B
GROUNDWATER ANALYTICAL RESULTS (TABLE 3)
SCREO I Dixie Outlet Mall LP & CP REIT Ontario Pr
1250 South Service Road and 1490 Dixie Road, Mis

Sample Location	MECP Table 3 SCS	TRIP BLANK	TRIP BLANK #3708	TRIP BLANK	TRIP BLANK LOT # 3708	TRIP BLANK	TRIP BLANK
Sample Designation		TRIP BLANK	TRIP BLANK #3708	TRIP BLANK	TRIP BLANK LOT # 3708	TRIP BLANK	TRIP BLANK
Sample Collection Date (dd/mm/yyyy)		05/07/2021	07/07/2021	08/07/2021	09/07/2021	11/07/2021	12/07/2021
Laboratory Certificate No.		C115211	C118416	C119634	C1J1447	C1J1871	C1J3167
Date of Laboratory Analysis (dd/mm/yyyy)		08/07/2021-09/07/2021	12/07/2021-13/07/2021	09/07/2021-12/07/2021	11/07/2021- 12/07/2021	13/07/2021-14/07/2021	13/07/2021-13/07/2021
Laboratory Sample No.		PZZ274	QAQ019	QAW142	QBF552	QBI435	QBP589
Well Screen Depth Interval (mbgs)		NA	NA	NA	NA	NA	NA
Petroleum Hydrocarbons (PHCs)							
PHCs F1 (C ₆ - C ₁₀)	750	-	-	<25	-	-	-
PHCs F2 (>C ₁₀ - C ₁₆)	150	-	-	-	-	-	-
PHCs F3 (>C ₁₆ - C ₃₄)	500	-	-	-	-	-	-
PHCs F4 (>C ₃₄ - C ₅₀)	500	-	-	-	-	-	-
Volatile Organic Compounds							
Acetone	130000	<10	<10	<10	<10	<10	<10
Benzene	44	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20
Bromodichloromethane	85000	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
Bromoform	380	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Bromomethane	5.6	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
Carbon Tetrachloride	0.79	<0.19	<0.19	<0.20	<0.19	<0.19	<0.19
Chlorobenzene	630	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20
Chloroform	2.4	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20
Dibromochloromethane	82000	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
1,2-Dichlorobenzene	4600	<0.40	<0.40	<0.50	<0.40	<0.40	<0.40
1,3-Dichlorobenzene	9600	<0.40	<0.40	<0.50	<0.40	<0.40	<0.40
1,4-Dichlorobenzene	8	<0.40	<0.40	<0.50	<0.40	<0.40	<0.40
Dichlorodifluoromethane	4400	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
1,1-Dichloroethane	320	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20
1,2-Dichloroethane	1.6	<0.49	<0.49	<0.50	<0.49	<0.49	<0.49
1,1-Dichloroethylene	1.6	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20
cis-1,2-Dichloroethylene	1.6	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
trans-1,2-Dichloroethylene	1.6	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
1,2-Dichloropropane	16	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20
1,3-Dichloropropene (Total)	5.2	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
Ethylbenzene	2300	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20
Ethylene Dibromide	0.25	<0.19	<0.19	<0.20	<0.19	<0.19	<0.19
Hexane	51	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Methyl Ethyl Ketone	470000	<10	<10	<10	<10	<10	<10
Methyl Isobutyl Ketone	140000	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Methyl t-Butyl Ether (MTBE)	190	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
Methylene Chloride	610	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
Styrene	1300	<0.40	<0.40	<0.50	<0.40	<0.40	<0.40
1,1,1,2-Tetrachloroethane	3.3	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
1,1,2,2-Tetrachloroethane	3.2	<0.40	<0.40	<0.50	<0.40	<0.40	<0.40
Tetrachloroethylene	1.6	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20
Toluene	18000	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20
1,1,1-Trichloroethane	640	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20
1,1,2-Trichloroethane	4.7	<0.40	<0.40	<0.50	<0.40	<0.40	<0.40
Trichloroethylene	1.6	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20
Trichlorofluoromethane	2500	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
Vinyl Chloride	0.5	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20
Xylenes (Total)	4200	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20
Polycyclic Aromatic Hydrocarbons							
Acenaphthene	600	-	-	-	-	-	-
Acenaphthylene	1.8	-	-	-	-	-	-
Anthracene	2.4	-	-	-	-	-	-
Benzo(a)anthracene	4.7	-	-	-	-	-	-
Benzo(a)pyrene	0.81	-	-	-	-	-	-
Benzo(b)fluoranthene	0.75	-	-	-	-	-	-
Benzo(ghi)perylene	0.2	-	-	-	-	-	-
Benzo(k)fluoranthene	0.4	-	-	-	-	-	-
Chrysene	1	-	-	-	-	-	-
Dibenzo(a,h)anthracene	0.52	-	-	-	-	-	-
Fluoranthene	130	-	-	-	-	-	-
Fluorene	400	-	-	-	-	-	-
Indeno(1,2,3-cd)pyrene	0.2	-	-	-	-	-	-
1- & 2-Methylnaphthalene	1800	-	-	-	-	-	-
Naphthalene	1400	-	-	-	-	-	-
Phenanthrene	580	-	-	-	-	-	-
Pyrene	68	-	-	-	-	-	-
Metals							
Antimony	20000	-	-	-	-	-	-
Arsenic	1900	-	-	-	-	-	-
Barium	29000	-	-	-	-	-	-
Beryllium	67	-	-	-	-	-	-
Boron (Total)	45000	-	-	-	-	-	-
Cadmium	2.7	-	-	-	-	-	-
Chromium (Total)	810	-	-	-	-	-	-
Chromium (Hexavalent)	140	-	-	-	-	-	-
Cobalt	66	-	-	-	-	-	-
Copper	87	-	-	-	-	-	-
Lead	25	-	-	-	-	-	-
Mercury	0.29	-	-	-	-	-	-
Molybdenum	9200	-	-	-	-	-	-
Nickel	490	-	-	-	-	-	-
Selenium	63	-	-	-	-	-	-
Silver	1.5	-	-	-	-	-	-
Sodium	2300000	-	-	-	-	-	-
Thallium	510	-	-	-	-	-	-
Uranium	420	-	-	-	-	-	-
Vanadium	250	-	-	-	-	-	-
Zinc	1100	-	-	-	-	-	-
Inorganics							
Chloride	2300000	-	-	-	-	-	-
Cyanide (Free)	66	-	-	-	-	-	-

Notes:
MECP Table 3 SCS:
Soil, Ground Water and Sediment Standards for Use Under Part XV.1 of the Environmental Protection Act, April 15, 2011, Table 3: Full Depth Generic Site Condition Standards in a Non-Potable Ground Water Condition, for All Types of Property Use and Coarse-Textured Soils

BOLD	Exceeds SCS
BOLD	Reportable Detection Limit Exceeds SCS
Units	All units in micrograms per litre, unless otherwise noted
mbgs	metres below ground surface
	* metres below basement floor surface (mbfs)
NA	Not Applicable
NV	No Value
TEQ	Toxic Equivalency Quotient

Input By: JK [July 15, 2021]
Checked By:

APPENDIX IV
Laboratory Certificates of Analysis



Your Project #: 294348
Site Location: 1250 SOUTH SERVICE RD., TORONTO
Your C.O.C. #: 831305-11-01, C#831305-10-01

Attention: Toby Glanville

Pinchin Ltd
2470 Milltower Crt
Mississauga, ON
CANADA L5N 7W5

Report Date: 2021/06/29
Report #: R6698496
Version: 2 - Revision

CERTIFICATE OF ANALYSIS – REVISED REPORT

BV LABS JOB #: C1G4444

Received: 2021/06/15, 18:28

Sample Matrix: Soil
Samples Received: 5

Analyses	Date		Date Analyzed	Laboratory Method	Analytical Method
	Quantity	Extracted			
Methylnaphthalene Sum	1	N/A	2021/06/21	CAM SOP-00301	EPA 8270D m
1,3-Dichloropropene Sum	3	N/A	2021/06/20		EPA 8260C m
1,3-Dichloropropene Sum	1	N/A	2021/06/21		EPA 8260C m
1,3-Dichloropropene Sum	1	N/A	2021/06/29		EPA 8260C m
Petroleum Hydro. CCME F1 & BTEX in Soil (1)	1	N/A	2021/06/20	CAM SOP-00315	CCME PHC-CWS m
Petroleum Hydrocarbons F2-F4 in Soil (2)	2	2021/06/18	2021/06/18	CAM SOP-00316	CCME CWS m
Moisture	3	N/A	2021/06/16	CAM SOP-00445	Carter 2nd ed 51.2 m
Moisture	2	N/A	2021/06/17	CAM SOP-00445	Carter 2nd ed 51.2 m
PAH Compounds in Soil by GC/MS (SIM)	1	2021/06/18	2021/06/19	CAM SOP-00318	EPA 8270D m
Polychlorinated Biphenyl in Soil	2	2021/06/17	2021/06/18	CAM SOP-00309	EPA 8082A m
Volatile Organic Compounds and F1 PHCs	1	N/A	2021/06/18	CAM SOP-00230	EPA 8260C m
Volatile Organic Compounds in Soil	3	N/A	2021/06/19	CAM SOP-00228	EPA 8260C m
Volatile Organic Compounds in Soil	1	N/A	2021/06/29	CAM SOP-00228	EPA 8260C m

Remarks:

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

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

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

Solid sample results, except biota, are based on dry weight unless otherwise indicated. Organic analyses are not recovery corrected except for isotope dilution methods.

Results relate to samples tested. When sampling is not conducted by Bureau Veritas, results relate to the supplied samples tested.



Your Project #: 294348
Site Location: 1250 SOUTH SERVICE RD., TORONTO
Your C.O.C. #: 831305-11-01, C#831305-10-01

Attention: Toby Glanville

Pinchin Ltd
2470 Milltower Crt
Mississauga, ON
CANADA L5N 7W5

Report Date: 2021/06/29
Report #: R6698496
Version: 2 - Revision

CERTIFICATE OF ANALYSIS – REVISED REPORT

BV LABS JOB #: C1G4444

Received: 2021/06/15, 18:28

This Certificate shall not be reproduced except in full, without the written approval of the laboratory.

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

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

(1) No lab extraction date is given for F1BTX & VOC samples that are field preserved with methanol. Extraction date is the date sampled unless otherwise stated.

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

Encryption Key

Please direct all questions regarding this Certificate of Analysis to your Project Manager.

Antonella Brasil, Senior Project Manager
Email: Antonella.Brasil@bureauveritas.com
Phone# (905)817-5817

=====

BV Labs has procedures in place to guard against improper use of the electronic signature and have the required "signatories", as per ISO/IEC 17025, signing the reports. For Service Group specific validation please refer to the Validation Signature Page.



BV Labs Job #: C1G4444
Report Date: 2021/06/29

Pinchin Ltd
Client Project #: 294348
Site Location: 1250 SOUTH SERVICE RD., TORONTO
Sampler Initials: SP

O.REG 153 PAHS (SOIL)

BV Labs ID		PVP674			
Sampling Date		2021/06/15 15:05			
COC Number		C#831305-10-01			
	UNITS	MW21-30 S1	RDL	MDL	QC Batch
Calculated Parameters					
Methylnaphthalene, 2-(1-)	ug/g	0.016	0.0071	N/A	7411984
Polyaromatic Hydrocarbons					
Acenaphthene	ug/g	0.0086	0.0050	0.0020	7416929
Acenaphthylene	ug/g	<0.0050	0.0050	0.0010	7416929
Anthracene	ug/g	0.0058	0.0050	0.0010	7416929
Benzo(a)anthracene	ug/g	0.0077	0.0050	0.0020	7416929
Benzo(a)pyrene	ug/g	0.0077	0.0050	0.0010	7416929
Benzo(b/j)fluoranthene	ug/g	0.012	0.0050	0.0020	7416929
Benzo(g,h,i)perylene	ug/g	0.0071	0.0050	0.0040	7416929
Benzo(k)fluoranthene	ug/g	<0.0050	0.0050	0.0020	7416929
Chrysene	ug/g	0.0086	0.0050	0.0020	7416929
Dibenzo(a,h)anthracene	ug/g	<0.0050	0.0050	0.0040	7416929
Fluoranthene	ug/g	0.024	0.0050	0.0010	7416929
Fluorene	ug/g	0.0092	0.0050	0.0010	7416929
Indeno(1,2,3-cd)pyrene	ug/g	0.0054	0.0050	0.0040	7416929
1-Methylnaphthalene	ug/g	0.0066	0.0050	0.0010	7416929
2-Methylnaphthalene	ug/g	0.0092	0.0050	0.0010	7416929
Naphthalene	ug/g	0.0075	0.0050	0.0010	7416929
Phenanthrene	ug/g	0.035	0.0050	0.0010	7416929
Pyrene	ug/g	0.020	0.0050	0.0010	7416929
Surrogate Recovery (%)					
D10-Anthracene	%	99			7416929
D14-Terphenyl (FS)	%	104			7416929
D8-Acenaphthylene	%	88			7416929
RDL = Reportable Detection Limit QC Batch = Quality Control Batch N/A = Not Applicable					



O.REG 153 PCBS (SOIL)

BV Labs ID		PVP673	PVP674			
Sampling Date		2021/06/15 09:10	2021/06/15 15:05			
COC Number		C#831305-10-01	C#831305-10-01			
	UNITS	MW21-16 S2	MW21-30 S1	RDL	MDL	QC Batch
PCBs						
Aroclor 1242	ug/g	<0.010	<0.010	0.010	0.0070	7415371
Aroclor 1248	ug/g	<0.010	<0.010	0.010	0.0070	7415371
Aroclor 1254	ug/g	<0.010	<0.010	0.010	0.0070	7415371
Aroclor 1260	ug/g	<0.010	<0.010	0.010	0.0070	7415371
Total PCB	ug/g	<0.010	<0.010	0.010	0.0070	7415371
Surrogate Recovery (%)						
Decachlorobiphenyl	%	103	88			7415371
RDL = Reportable Detection Limit QC Batch = Quality Control Batch						



BV Labs Job #: C1G4444
Report Date: 2021/06/29

Pinchin Ltd
Client Project #: 294348
Site Location: 1250 SOUTH SERVICE RD., TORONTO
Sampler Initials: SP

O.REG 153 PHCS, BTEX/F1-F4 (SOIL)

BV Labs ID		PVP674			
Sampling Date		2021/06/15 15:05			
COC Number		C#831305-10-01			
	UNITS	MW21-30 S1	RDL	MDL	QC Batch
Inorganics					
Moisture	%	16	1.0	0.50	7413742
BTEX & F1 Hydrocarbons					
Benzene	ug/g	<0.020	0.020	0.020	7418099
Toluene	ug/g	<0.020	0.020	0.020	7418099
Ethylbenzene	ug/g	<0.020	0.020	0.020	7418099
o-Xylene	ug/g	<0.020	0.020	0.020	7418099
p+m-Xylene	ug/g	<0.040	0.040	0.040	7418099
Total Xylenes	ug/g	<0.040	0.040	0.040	7418099
F1 (C6-C10)	ug/g	<10	10	5.0	7418099
F1 (C6-C10) - BTEX	ug/g	<10	10	5.0	7418099
F2-F4 Hydrocarbons					
F2 (C10-C16 Hydrocarbons)	ug/g	<10	10	5.0	7415681
F3 (C16-C34 Hydrocarbons)	ug/g	<50	50	5.0	7415681
F4 (C34-C50 Hydrocarbons)	ug/g	<50	50	10	7415681
Reached Baseline at C50	ug/g	Yes			7415681
Surrogate Recovery (%)					
1,4-Difluorobenzene	%	99			7418099
4-Bromofluorobenzene	%	96			7418099
D10-o-Xylene	%	102			7418099
D4-1,2-Dichloroethane	%	98			7418099
o-Terphenyl	%	96			7415681
RDL = Reportable Detection Limit					
QC Batch = Quality Control Batch					



BV Labs Job #: C1G4444
Report Date: 2021/06/29

Pinchin Ltd
Client Project #: 294348
Site Location: 1250 SOUTH SERVICE RD., TORONTO
Sampler Initials: SP

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

BV Labs ID		PVP673			
Sampling Date		2021/06/15 09:10			
COC Number		C#831305-10-01			
	UNITS	MW21-16 S2	RDL	MDL	QC Batch
Inorganics					
Moisture	%	19	1.0	0.50	7413742
Volatile Organics					
Acetone (2-Propanone)	ug/g	<0.50	0.50	0.50	7414013
Benzene	ug/g	<0.020	0.020	0.020	7414013
Bromodichloromethane	ug/g	<0.050	0.050	0.050	7414013
Bromoform	ug/g	<0.050	0.050	0.050	7414013
Bromomethane	ug/g	<0.050	0.050	0.050	7414013
Carbon Tetrachloride	ug/g	<0.050	0.050	0.050	7414013
Chlorobenzene	ug/g	<0.050	0.050	0.050	7414013
Chloroform	ug/g	<0.050	0.050	0.050	7414013
Dibromochloromethane	ug/g	<0.050	0.050	0.050	7414013
1,2-Dichlorobenzene	ug/g	<0.050	0.050	0.050	7414013
1,3-Dichlorobenzene	ug/g	<0.050	0.050	0.050	7414013
1,4-Dichlorobenzene	ug/g	<0.050	0.050	0.050	7414013
Dichlorodifluoromethane (FREON 12)	ug/g	<0.050	0.050	0.050	7414013
1,1-Dichloroethane	ug/g	<0.050	0.050	0.050	7414013
1,2-Dichloroethane	ug/g	<0.050	0.050	0.050	7414013
1,1-Dichloroethylene	ug/g	<0.050	0.050	0.050	7414013
cis-1,2-Dichloroethylene	ug/g	<0.050	0.050	0.050	7414013
trans-1,2-Dichloroethylene	ug/g	<0.050	0.050	0.050	7414013
1,2-Dichloropropane	ug/g	<0.050	0.050	0.050	7414013
cis-1,3-Dichloropropene	ug/g	<0.030	0.030	0.030	7414013
trans-1,3-Dichloropropene	ug/g	<0.040	0.040	0.040	7414013
Ethylbenzene	ug/g	<0.020	0.020	0.020	7414013
Ethylene Dibromide	ug/g	<0.050	0.050	0.050	7414013
Hexane	ug/g	<0.050	0.050	0.050	7414013
Methylene Chloride(Dichloromethane)	ug/g	<0.050	0.050	0.050	7414013
Methyl Ethyl Ketone (2-Butanone)	ug/g	<0.50	0.50	0.50	7414013
Methyl Isobutyl Ketone	ug/g	<0.50	0.50	0.50	7414013
Methyl t-butyl ether (MTBE)	ug/g	<0.050	0.050	0.050	7414013
Styrene	ug/g	<0.050	0.050	0.050	7414013
RDL = Reportable Detection Limit					
QC Batch = Quality Control Batch					



BV Labs Job #: C1G4444
Report Date: 2021/06/29

Pinchin Ltd
Client Project #: 294348
Site Location: 1250 SOUTH SERVICE RD., TORONTO
Sampler Initials: SP

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

BV Labs ID		PVP673			
Sampling Date		2021/06/15 09:10			
COC Number		C#831305-10-01			
	UNITS	MW21-16 S2	RDL	MDL	QC Batch
1,1,1,2-Tetrachloroethane	ug/g	<0.050	0.050	0.050	7414013
1,1,2,2-Tetrachloroethane	ug/g	<0.050	0.050	0.050	7414013
Tetrachloroethylene	ug/g	<0.050	0.050	0.050	7414013
Toluene	ug/g	<0.020	0.020	0.020	7414013
1,1,1-Trichloroethane	ug/g	<0.050	0.050	0.050	7414013
1,1,2-Trichloroethane	ug/g	<0.050	0.050	0.050	7414013
Trichloroethylene	ug/g	<0.050	0.050	0.050	7414013
Trichlorofluoromethane (FREON 11)	ug/g	<0.050	0.050	0.050	7414013
Vinyl Chloride	ug/g	<0.020	0.020	0.020	7414013
p+m-Xylene	ug/g	<0.020	0.020	0.020	7414013
o-Xylene	ug/g	<0.020	0.020	0.020	7414013
Total Xylenes	ug/g	<0.020	0.020	0.020	7414013
F1 (C6-C10)	ug/g	<10	10	N/A	7414013
F1 (C6-C10) - BTEX	ug/g	<10	10	N/A	7414013
F2-F4 Hydrocarbons					
F2 (C10-C16 Hydrocarbons)	ug/g	<10	10	5.0	7415681
F3 (C16-C34 Hydrocarbons)	ug/g	<50	50	5.0	7415681
F4 (C34-C50 Hydrocarbons)	ug/g	<50	50	10	7415681
Reached Baseline at C50	ug/g	Yes			7415681
Surrogate Recovery (%)					
o-Terphenyl	%	100			7415681
4-Bromofluorobenzene	%	92			7414013
D10-o-Xylene	%	83			7414013
D4-1,2-Dichloroethane	%	91			7414013
D8-Toluene	%	102			7414013
RDL = Reportable Detection Limit QC Batch = Quality Control Batch N/A = Not Applicable					



BV Labs Job #: C1G4444
Report Date: 2021/06/29

Pinchin Ltd
Client Project #: 294348
Site Location: 1250 SOUTH SERVICE RD., TORONTO
Sampler Initials: SP

O.REG 153 VOCs BY HS (SOIL)

BV Labs ID		PVP670	PVP671	PVP672			
Sampling Date		2021/06/14 11:50	2021/06/14 14:05	2021/06/15 11:05			
COC Number		C#831305-10-01	C#831305-10-01	C#831305-10-01			
	UNITS	MW21-04 S1	MW21-05 S2	MW21-15 S1	RDL	MDL	QC Batch
Inorganics							
Moisture	%	14	5.2	16	1.0	0.50	7412620
Calculated Parameters							
1,3-Dichloropropene (cis+trans)	ug/g	<0.050	<0.050	<0.050	0.050	0.010	7409407
Volatile Organics							
Acetone (2-Propanone)	ug/g	<0.49	<0.49	<0.49	0.49	0.49	7397818
Benzene	ug/g	<0.0060	<0.0060	<0.0060	0.0060	0.0060	7397818
Bromodichloromethane	ug/g	<0.040	<0.040	<0.040	0.040	0.040	7397818
Bromoform	ug/g	<0.040	<0.040	<0.040	0.040	0.040	7397818
Bromomethane	ug/g	<0.040	<0.040	<0.040	0.040	0.040	7397818
Carbon Tetrachloride	ug/g	<0.040	<0.040	<0.040	0.040	0.040	7397818
Chlorobenzene	ug/g	<0.040	<0.040	<0.040	0.040	0.040	7397818
Chloroform	ug/g	<0.040	<0.040	<0.040	0.040	0.040	7397818
Dibromochloromethane	ug/g	<0.040	<0.040	<0.040	0.040	0.040	7397818
1,2-Dichlorobenzene	ug/g	<0.040	<0.040	<0.040	0.040	0.040	7397818
1,3-Dichlorobenzene	ug/g	<0.040	<0.040	<0.040	0.040	0.040	7397818
1,4-Dichlorobenzene	ug/g	<0.040	<0.040	<0.040	0.040	0.040	7397818
Dichlorodifluoromethane (FREON 12)	ug/g	<0.040	<0.040	<0.040	0.040	0.050	7397818
1,1-Dichloroethane	ug/g	<0.040	<0.040	<0.040	0.040	0.040	7397818
1,2-Dichloroethane	ug/g	<0.049	<0.049	<0.049	0.049	0.040	7397818
1,1-Dichloroethylene	ug/g	<0.040	<0.040	<0.040	0.040	0.040	7397818
cis-1,2-Dichloroethylene	ug/g	<0.040	<0.040	<0.040	0.040	0.040	7397818
trans-1,2-Dichloroethylene	ug/g	<0.040	<0.040	<0.040	0.040	0.040	7397818
1,2-Dichloropropane	ug/g	<0.040	<0.040	<0.040	0.040	0.040	7397818
cis-1,3-Dichloropropene	ug/g	<0.030	<0.030	<0.030	0.030	0.030	7397818
trans-1,3-Dichloropropene	ug/g	<0.040	<0.040	<0.040	0.040	0.040	7397818
Ethylbenzene	ug/g	<0.010	<0.010	<0.010	0.010	0.010	7397818
Ethylene Dibromide	ug/g	<0.040	<0.040	<0.040	0.040	0.040	7397818
Hexane	ug/g	<0.040	<0.040	<0.040	0.040	0.040	7397818
Methylene Chloride(Dichloromethane)	ug/g	<0.049	<0.049	<0.049	0.049	0.049	7397818
Methyl Ethyl Ketone (2-Butanone)	ug/g	<0.40	<0.40	<0.40	0.40	0.40	7397818
RDL = Reportable Detection Limit							
QC Batch = Quality Control Batch							



BV Labs Job #: C1G4444
Report Date: 2021/06/29

Pinchin Ltd
Client Project #: 294348
Site Location: 1250 SOUTH SERVICE RD., TORONTO
Sampler Initials: SP

O.REG 153 VOCs BY HS (SOIL)

BV Labs ID		PVP670	PVP671	PVP672			
Sampling Date		2021/06/14 11:50	2021/06/14 14:05	2021/06/15 11:05			
COC Number		C#831305-10-01	C#831305-10-01	C#831305-10-01			
	UNITS	MW21-04 S1	MW21-05 S2	MW21-15 S1	RDL	MDL	QC Batch
Methyl Isobutyl Ketone	ug/g	<0.40	<0.40	<0.40	0.40	0.40	7397818
Methyl t-butyl ether (MTBE)	ug/g	<0.040	<0.040	<0.040	0.040	0.040	7397818
Styrene	ug/g	<0.040	<0.040	<0.040	0.040	0.040	7397818
1,1,1,2-Tetrachloroethane	ug/g	<0.040	<0.040	<0.040	0.040	0.040	7397818
1,1,2,2-Tetrachloroethane	ug/g	<0.040	<0.040	<0.040	0.040	0.040	7397818
Tetrachloroethylene	ug/g	<0.040	<0.040	<0.040	0.040	0.040	7397818
Toluene	ug/g	<0.020	<0.020	<0.020	0.020	0.020	7397818
1,1,1-Trichloroethane	ug/g	<0.040	<0.040	<0.040	0.040	0.040	7397818
1,1,2-Trichloroethane	ug/g	<0.040	<0.040	<0.040	0.040	0.040	7397818
Trichloroethylene	ug/g	<0.010	<0.010	<0.010	0.010	0.010	7397818
Trichlorofluoromethane (FREON 11)	ug/g	<0.040	<0.040	<0.040	0.040	0.040	7397818
Vinyl Chloride	ug/g	<0.019	<0.019	<0.019	0.019	0.019	7397818
p+m-Xylene	ug/g	<0.020	<0.020	<0.020	0.020	0.020	7397818
o-Xylene	ug/g	<0.020	<0.020	<0.020	0.020	0.020	7397818
Total Xylenes	ug/g	<0.020	<0.020	<0.020	0.020	0.020	7397818
Surrogate Recovery (%)							
4-Bromofluorobenzene	%	91	90	91			7397818
D10-o-Xylene	%	79	72	74			7397818
D4-1,2-Dichloroethane	%	115	115	116			7397818
D8-Toluene	%	94	95	94			7397818
RDL = Reportable Detection Limit							
QC Batch = Quality Control Batch							



O.REG 153 VOCs BY HS (SOIL)

BV Labs ID		PVP672				PVP673			
Sampling Date		2021/06/15 11:05				2021/06/15 09:10			
COC Number		C#831305-10-01				C#831305-10-01			
	UNITS	MW21-15 S1 Lab-Dup	RDL	MDL	QC Batch	MW21-16 S2	RDL	MDL	QC Batch
Inorganics									
Moisture	%	17	1.0	0.50	7412620				
Calculated Parameters									
1,3-Dichloropropene (cis+trans)	ug/g					<0.050	0.050	0.010	7409407
RDL = Reportable Detection Limit									
QC Batch = Quality Control Batch									
Lab-Dup = Laboratory Initiated Duplicate									



BV Labs Job #: C1G4444
Report Date: 2021/06/29

Pinchin Ltd
Client Project #: 294348
Site Location: 1250 SOUTH SERVICE RD., TORONTO
Sampler Initials: SP

O.REG 153 VOCs BY HS (SOIL)

BV Labs ID		PVP674				PVP674			
Sampling Date		2021/06/15 15:05				2021/06/15 15:05			
COC Number		C#831305-10-01				C#831305-10-01			
	UNITS	MW21-30 S1	RDL	MDL	QC Batch	MW21-30 S1 Lab-Dup	RDL	MDL	QC Batch

Calculated Parameters									
1,3-Dichloropropene (cis+trans)	ug/g	<0.050	0.050	0.010	7433135				
Volatile Organics									
Acetone (2-Propanone)	ug/g	<0.49	0.49	0.49	7432586	<0.49	0.49	0.49	7432586
Benzene	ug/g	<0.0060	0.0060	0.0060	7432586	<0.0060	0.0060	0.0060	7432586
Bromodichloromethane	ug/g	<0.040	0.040	0.040	7432586	<0.040	0.040	0.040	7432586
Bromoform	ug/g	<0.040	0.040	0.040	7432586	<0.040	0.040	0.040	7432586
Bromomethane	ug/g	<0.040	0.040	0.040	7432586	<0.040	0.040	0.040	7432586
Carbon Tetrachloride	ug/g	<0.040	0.040	0.040	7432586	<0.040	0.040	0.040	7432586
Chlorobenzene	ug/g	<0.040	0.040	0.040	7432586	<0.040	0.040	0.040	7432586
Chloroform	ug/g	<0.040	0.040	0.040	7432586	<0.040	0.040	0.040	7432586
Dibromochloromethane	ug/g	<0.040	0.040	0.040	7432586	<0.040	0.040	0.040	7432586
1,2-Dichlorobenzene	ug/g	<0.040	0.040	0.040	7432586	<0.040	0.040	0.040	7432586
1,3-Dichlorobenzene	ug/g	<0.040	0.040	0.040	7432586	<0.040	0.040	0.040	7432586
1,4-Dichlorobenzene	ug/g	<0.040	0.040	0.040	7432586	<0.040	0.040	0.040	7432586
Dichlorodifluoromethane (FREON 12)	ug/g	<0.040	0.040	0.050	7432586	<0.040	0.040	0.050	7432586
1,1-Dichloroethane	ug/g	<0.040	0.040	0.040	7432586	<0.040	0.040	0.040	7432586
1,2-Dichloroethane	ug/g	<0.049	0.049	0.040	7432586	<0.049	0.049	0.040	7432586
1,1-Dichloroethylene	ug/g	<0.040	0.040	0.040	7432586	<0.040	0.040	0.040	7432586
cis-1,2-Dichloroethylene	ug/g	<0.040	0.040	0.040	7432586	<0.040	0.040	0.040	7432586
trans-1,2-Dichloroethylene	ug/g	<0.040	0.040	0.040	7432586	<0.040	0.040	0.040	7432586
1,2-Dichloropropane	ug/g	<0.040	0.040	0.040	7432586	<0.040	0.040	0.040	7432586
cis-1,3-Dichloropropene	ug/g	<0.030	0.030	0.030	7432586	<0.030	0.030	0.030	7432586
trans-1,3-Dichloropropene	ug/g	<0.040	0.040	0.040	7432586	<0.040	0.040	0.040	7432586
Ethylbenzene	ug/g	<0.010	0.010	0.010	7432586	<0.010	0.010	0.010	7432586
Ethylene Dibromide	ug/g	<0.040	0.040	0.040	7432586	<0.040	0.040	0.040	7432586
Hexane	ug/g	<0.040	0.040	0.040	7432586	<0.040	0.040	0.040	7432586
Methylene Chloride(Dichloromethane)	ug/g	<0.049	0.049	0.049	7432586	<0.049	0.049	0.049	7432586
Methyl Ethyl Ketone (2-Butanone)	ug/g	<0.40	0.40	0.40	7432586	<0.40	0.40	0.40	7432586

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



BUREAU
VERITAS

BV Labs Job #: C1G4444

Report Date: 2021/06/29

Pinchin Ltd

Client Project #: 294348

Site Location: 1250 SOUTH SERVICE RD., TORONTO

Sampler Initials: SP

O.REG 153 VOCs BY HS (SOIL)

BV Labs ID		PVP674				PVP674			
Sampling Date		2021/06/15 15:05				2021/06/15 15:05			
COC Number		C#831305-10-01				C#831305-10-01			
	UNITS	MW21-30 S1	RDL	MDL	QC Batch	MW21-30 S1 Lab-Dup	RDL	MDL	QC Batch
Methyl Isobutyl Ketone	ug/g	<0.40	0.40	0.40	7432586	<0.40	0.40	0.40	7432586
Methyl t-butyl ether (MTBE)	ug/g	<0.040	0.040	0.040	7432586	<0.040	0.040	0.040	7432586
Styrene	ug/g	<0.040	0.040	0.040	7432586	<0.040	0.040	0.040	7432586
1,1,1,2-Tetrachloroethane	ug/g	<0.040	0.040	0.040	7432586	<0.040	0.040	0.040	7432586
1,1,2,2-Tetrachloroethane	ug/g	<0.040	0.040	0.040	7432586	<0.040	0.040	0.040	7432586
Tetrachloroethylene	ug/g	<0.040	0.040	0.040	7432586	<0.040	0.040	0.040	7432586
Toluene	ug/g	<0.020	0.020	0.020	7432586	<0.020	0.020	0.020	7432586
1,1,1-Trichloroethane	ug/g	<0.040	0.040	0.040	7432586	<0.040	0.040	0.040	7432586
1,1,2-Trichloroethane	ug/g	<0.040	0.040	0.040	7432586	<0.040	0.040	0.040	7432586
Trichloroethylene	ug/g	<0.010	0.010	0.010	7432586	<0.010	0.010	0.010	7432586
Trichlorofluoromethane (FREON 11)	ug/g	<0.040	0.040	0.040	7432586	<0.040	0.040	0.040	7432586
Vinyl Chloride	ug/g	<0.019	0.019	0.019	7432586	<0.019	0.019	0.019	7432586
p+m-Xylene	ug/g	<0.020	0.020	0.020	7432586	<0.020	0.020	0.020	7432586
o-Xylene	ug/g	<0.020	0.020	0.020	7432586	<0.020	0.020	0.020	7432586
Total Xylenes	ug/g	<0.020	0.020	0.020	7432586	<0.020	0.020	0.020	7432586
Surrogate Recovery (%)									
4-Bromofluorobenzene	%	99			7432586	100			7432586
D10-o-Xylene	%	97			7432586	102			7432586
D4-1,2-Dichloroethane	%	102			7432586	102			7432586
D8-Toluene	%	99			7432586	99			7432586
RDL = Reportable Detection Limit									
QC Batch = Quality Control Batch									
Lab-Dup = Laboratory Initiated Duplicate									



BV Labs Job #: C1G4444
Report Date: 2021/06/29

Pinchin Ltd
Client Project #: 294348
Site Location: 1250 SOUTH SERVICE RD., TORONTO
Sampler Initials: SP

TEST SUMMARY

BV Labs ID: PVP670
Sample ID: MW21-04 S1
Matrix: Soil

Collected: 2021/06/14
Shipped:
Received: 2021/06/15

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
1,3-Dichloropropene Sum	CALC	7409407	N/A	2021/06/20	Automated Statchk
Moisture	BAL	7412620	N/A	2021/06/16	Gurpreet Kaur (ONT)
Volatile Organic Compounds in Soil	GC/MS	7397818	N/A	2021/06/19	Rebecca McClean

BV Labs ID: PVP671
Sample ID: MW21-05 S2
Matrix: Soil

Collected: 2021/06/14
Shipped:
Received: 2021/06/15

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
1,3-Dichloropropene Sum	CALC	7409407	N/A	2021/06/20	Automated Statchk
Moisture	BAL	7412620	N/A	2021/06/16	Gurpreet Kaur (ONT)
Volatile Organic Compounds in Soil	GC/MS	7397818	N/A	2021/06/19	Rebecca McClean

BV Labs ID: PVP672
Sample ID: MW21-15 S1
Matrix: Soil

Collected: 2021/06/15
Shipped:
Received: 2021/06/15

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
1,3-Dichloropropene Sum	CALC	7409407	N/A	2021/06/20	Automated Statchk
Moisture	BAL	7412620	N/A	2021/06/16	Gurpreet Kaur (ONT)
Volatile Organic Compounds in Soil	GC/MS	7397818	N/A	2021/06/19	Rebecca McClean

BV Labs ID: PVP672 Dup
Sample ID: MW21-15 S1
Matrix: Soil

Collected: 2021/06/15
Shipped:
Received: 2021/06/15

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Moisture	BAL	7412620	N/A	2021/06/16	Gurpreet Kaur (ONT)

BV Labs ID: PVP673
Sample ID: MW21-16 S2
Matrix: Soil

Collected: 2021/06/15
Shipped:
Received: 2021/06/15

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
1,3-Dichloropropene Sum	CALC	7409407	N/A	2021/06/21	Automated Statchk
Petroleum Hydrocarbons F2-F4 in Soil	GC/FID	7415681	2021/06/18	2021/06/18	Ksenia Trofimova
Moisture	BAL	7413742	N/A	2021/06/17	Paramvir Singh Cheema
Polychlorinated Biphenyl in Soil	GC/ECD	7415371	2021/06/17	2021/06/18	Svitlana Shaula
Volatile Organic Compounds and F1 PHCs	GC/MSFD	7414013	N/A	2021/06/18	Manpreet Sarao



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VERITAS

BV Labs Job #: C1G4444

Report Date: 2021/06/29

Pinchin Ltd

Client Project #: 294348

Site Location: 1250 SOUTH SERVICE RD., TORONTO

Sampler Initials: SP

TEST SUMMARY

BV Labs ID: PVP674
Sample ID: MW21-30 S1
Matrix: Soil

Collected: 2021/06/15
Shipped:
Received: 2021/06/15

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Methylnaphthalene Sum	CALC	7411984	N/A	2021/06/21	Automated Statchk
1,3-Dichloropropene Sum	CALC	7433135	N/A	2021/06/29	Automated Statchk
Petroleum Hydro. CCME F1 & BTEX in Soil	HSGC/MSFD	7418099	N/A	2021/06/20	Lincoln Ramdahin
Petroleum Hydrocarbons F2-F4 in Soil	GC/FID	7415681	2021/06/18	2021/06/18	Ksenia Trofimova
Moisture	BAL	7413742	N/A	2021/06/17	Paramvir Singh Cheema
PAH Compounds in Soil by GC/MS (SIM)	GC/MS	7416929	2021/06/18	2021/06/19	Jonghan Yoon
Polychlorinated Biphenyl in Soil	GC/ECD	7415371	2021/06/17	2021/06/18	Svitlana Shaula
Volatile Organic Compounds in Soil	GC/MS	7432586	N/A	2021/06/29	Karen Hughes

BV Labs ID: PVP674 Dup
Sample ID: MW21-30 S1
Matrix: Soil

Collected: 2021/06/15
Shipped:
Received: 2021/06/15

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Volatile Organic Compounds in Soil	GC/MS	7432586	N/A	2021/06/29	Karen Hughes



GENERAL COMMENTS

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

Package 1	2.0°C
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Cooler custody seal was present and intact.

Revised Report (2021/06/29): VOC included for the sample MW21-30 S1 as per client request .

Results relate only to the items tested.

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BV Labs Job #: C1G4444

Report Date: 2021/06/29

QUALITY ASSURANCE REPORT

Pinchin Ltd

Client Project #: 294348

Site Location: 1250 SOUTH SERVICE RD., TORONTO

Sampler Initials: SP

QC Batch	Parameter	Date	Matrix Spike		SPIKED BLANK		Method Blank		RPD	
			% Recovery	QC Limits	% Recovery	QC Limits	Value	UNITS	Value (%)	QC Limits
7397818	4-Bromofluorobenzene	2021/06/18	98	60 - 140	99	60 - 140	90	%		
7397818	D10-o-Xylene	2021/06/18	93	60 - 130	84	60 - 130	77	%		
7397818	D4-1,2-Dichloroethane	2021/06/18	104	60 - 140	114	60 - 140	124	%		
7397818	D8-Toluene	2021/06/18	111	60 - 140	108	60 - 140	92	%		
7414013	4-Bromofluorobenzene	2021/06/18	100	60 - 140	101	60 - 140	94	%		
7414013	D10-o-Xylene	2021/06/18	89	60 - 130	95	60 - 130	87	%		
7414013	D4-1,2-Dichloroethane	2021/06/18	93	60 - 140	93	60 - 140	91	%		
7414013	D8-Toluene	2021/06/18	105	60 - 140	103	60 - 140	101	%		
7415371	Decachlorobiphenyl	2021/06/18	104	60 - 130	108	60 - 130	95	%		
7415681	o-Terphenyl	2021/06/18	93	60 - 130	93	60 - 130	100	%		
7416929	D10-Anthracene	2021/06/19	97	50 - 130	104	50 - 130	117	%		
7416929	D14-Terphenyl (FS)	2021/06/19	101	50 - 130	112	50 - 130	109	%		
7416929	D8-Acenaphthylene	2021/06/19	87	50 - 130	97	50 - 130	90	%		
7418099	1,4-Difluorobenzene	2021/06/20	98	60 - 140	97	60 - 140	102	%		
7418099	4-Bromofluorobenzene	2021/06/20	99	60 - 140	100	60 - 140	93	%		
7418099	D10-o-Xylene	2021/06/20	102	60 - 140	96	60 - 140	92	%		
7418099	D4-1,2-Dichloroethane	2021/06/20	94	60 - 140	92	60 - 140	96	%		
7432586	4-Bromofluorobenzene	2021/06/29	101	60 - 140	101	60 - 140	101	%		
7432586	D10-o-Xylene	2021/06/29	100	60 - 130	93	60 - 130	97	%		
7432586	D4-1,2-Dichloroethane	2021/06/29	101	60 - 140	100	60 - 140	106	%		
7432586	D8-Toluene	2021/06/29	103	60 - 140	101	60 - 140	97	%		
7397818	1,1,1,2-Tetrachloroethane	2021/06/19	102	60 - 140	101	60 - 130	<0.040	ug/g	NC	50
7397818	1,1,1-Trichloroethane	2021/06/18	105	60 - 140	101	60 - 130	<0.040	ug/g		
7397818	1,1,2,2-Tetrachloroethane	2021/06/19	92	60 - 140	102	60 - 130	<0.040	ug/g	NC	50
7397818	1,1,2-Trichloroethane	2021/06/18	107	60 - 140	113	60 - 130	<0.040	ug/g		
7397818	1,1-Dichloroethane	2021/06/18	100	60 - 140	99	60 - 130	<0.040	ug/g		
7397818	1,1-Dichloroethylene	2021/06/18	107	60 - 140	102	60 - 130	<0.040	ug/g		
7397818	1,2-Dichlorobenzene	2021/06/18	95	60 - 140	91	60 - 130	<0.040	ug/g		
7397818	1,2-Dichloroethane	2021/06/18	96	60 - 140	103	60 - 130	<0.049	ug/g		
7397818	1,2-Dichloropropane	2021/06/18	98	60 - 140	101	60 - 130	<0.040	ug/g		
7397818	1,3-Dichlorobenzene	2021/06/18	96	60 - 140	88	60 - 130	<0.040	ug/g		

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BV Labs Job #: C1G4444

Report Date: 2021/06/29

QUALITY ASSURANCE REPORT(CONT'D)

Pinchin Ltd

Client Project #: 294348

Site Location: 1250 SOUTH SERVICE RD., TORONTO

Sampler Initials: SP

QC Batch	Parameter	Date	Matrix Spike		SPIKED BLANK		Method Blank		RPD	
			% Recovery	QC Limits	% Recovery	QC Limits	Value	UNITS	Value (%)	QC Limits
7397818	1,4-Dichlorobenzene	2021/06/18	112	60 - 140	102	60 - 130	<0.040	ug/g		
7397818	Acetone (2-Propanone)	2021/06/19	97	60 - 140	117	60 - 140	<0.49	ug/g	NC	50
7397818	Benzene	2021/06/18	95	60 - 140	92	60 - 130	<0.0060	ug/g		
7397818	Bromodichloromethane	2021/06/18	100	60 - 140	103	60 - 130	<0.040	ug/g		
7397818	Bromoform	2021/06/19	92	60 - 140	100	60 - 130	<0.040	ug/g	NC	50
7397818	Bromomethane	2021/06/18	97	60 - 140	99	60 - 140	<0.040	ug/g		
7397818	Carbon Tetrachloride	2021/06/18	103	60 - 140	99	60 - 130	<0.040	ug/g		
7397818	Chlorobenzene	2021/06/18	97	60 - 140	94	60 - 130	<0.040	ug/g		
7397818	Chloroform	2021/06/18	100	60 - 140	101	60 - 130	<0.040	ug/g		
7397818	cis-1,2-Dichloroethylene	2021/06/18	99	60 - 140	101	60 - 130	<0.040	ug/g		
7397818	cis-1,3-Dichloropropene	2021/06/18	83	60 - 140	87	60 - 130	<0.030	ug/g		
7397818	Dibromochloromethane	2021/06/18	94	60 - 140	98	60 - 130	<0.040	ug/g		
7397818	Dichlorodifluoromethane (FREON 12)	2021/06/18	98	60 - 140	94	60 - 140	<0.040	ug/g		
7397818	Ethylbenzene	2021/06/18	93	60 - 140	85	60 - 130	<0.010	ug/g		
7397818	Ethylene Dibromide	2021/06/19	90	60 - 140	96	60 - 130	<0.040	ug/g	NC	50
7397818	Hexane	2021/06/19	115	60 - 140	106	60 - 130	<0.040	ug/g	NC	50
7397818	Methyl Ethyl Ketone (2-Butanone)	2021/06/19	100	60 - 140	121	60 - 140	<0.40	ug/g	NC	50
7397818	Methyl Isobutyl Ketone	2021/06/19	99	60 - 140	115	60 - 130	<0.40	ug/g	NC	50
7397818	Methyl t-butyl ether (MTBE)	2021/06/18	88	60 - 140	89	60 - 130	<0.040	ug/g		
7397818	Methylene Chloride(Dichloromethane)	2021/06/18	96	60 - 140	100	60 - 130	<0.049	ug/g		
7397818	o-Xylene	2021/06/18	94	60 - 140	87	60 - 130	<0.020	ug/g		
7397818	p+m-Xylene	2021/06/18	100	60 - 140	90	60 - 130	<0.020	ug/g		
7397818	Styrene	2021/06/18	110	60 - 140	104	60 - 130	<0.040	ug/g		
7397818	Tetrachloroethylene	2021/06/18	96	60 - 140	88	60 - 130	<0.040	ug/g		
7397818	Toluene	2021/06/19	99	60 - 140	93	60 - 130	<0.020	ug/g	NC	50
7397818	Total Xylenes	2021/06/18					<0.020	ug/g		
7397818	trans-1,2-Dichloroethylene	2021/06/18	101	60 - 140	97	60 - 130	<0.040	ug/g		
7397818	trans-1,3-Dichloropropene	2021/06/18	94	60 - 140	97	60 - 130	<0.040	ug/g		
7397818	Trichloroethylene	2021/06/18	101	60 - 140	97	60 - 130	<0.010	ug/g		
7397818	Trichlorofluoromethane (FREON 11)	2021/06/18	104	60 - 140	99	60 - 130	<0.040	ug/g		
7397818	Vinyl Chloride	2021/06/18	107	60 - 140	103	60 - 130	<0.019	ug/g		

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BV Labs Job #: C1G4444

Report Date: 2021/06/29

QUALITY ASSURANCE REPORT(CONT'D)

Pinchin Ltd

Client Project #: 294348

Site Location: 1250 SOUTH SERVICE RD., TORONTO

Sampler Initials: SP

QC Batch	Parameter	Date	Matrix Spike		SPIKED BLANK		Method Blank		RPD	
			% Recovery	QC Limits	% Recovery	QC Limits	Value	UNITS	Value (%)	QC Limits
7412620	Moisture	2021/06/16							4.3	20
7413742	Moisture	2021/06/17							1.9	20
7414013	1,1,1,2-Tetrachloroethane	2021/06/18	100	60 - 140	100	60 - 130	<0.050	ug/g	NC	50
7414013	1,1,1-Trichloroethane	2021/06/18	96	60 - 140	95	60 - 130	<0.050	ug/g	NC	50
7414013	1,1,2,2-Tetrachloroethane	2021/06/18	94	60 - 140	95	60 - 130	<0.050	ug/g	NC	50
7414013	1,1,2-Trichloroethane	2021/06/18	92	60 - 140	92	60 - 130	<0.050	ug/g	NC	50
7414013	1,1-Dichloroethane	2021/06/18	96	60 - 140	95	60 - 130	<0.050	ug/g	NC	50
7414013	1,1-Dichloroethylene	2021/06/18	92	60 - 140	91	60 - 130	<0.050	ug/g	NC	50
7414013	1,2-Dichlorobenzene	2021/06/18	97	60 - 140	97	60 - 130	<0.050	ug/g	NC	50
7414013	1,2-Dichloroethane	2021/06/18	86	60 - 140	86	60 - 130	<0.050	ug/g	NC	50
7414013	1,2-Dichloropropane	2021/06/18	99	60 - 140	98	60 - 130	<0.050	ug/g	NC	50
7414013	1,3-Dichlorobenzene	2021/06/18	99	60 - 140	99	60 - 130	<0.050	ug/g	NC	50
7414013	1,4-Dichlorobenzene	2021/06/18	118	60 - 140	118	60 - 130	<0.050	ug/g	NC	50
7414013	Acetone (2-Propanone)	2021/06/18	84	60 - 140	85	60 - 140	<0.50	ug/g	NC	50
7414013	Benzene	2021/06/18	97	60 - 140	96	60 - 130	<0.020	ug/g	NC	50
7414013	Bromodichloromethane	2021/06/18	94	60 - 140	94	60 - 130	<0.050	ug/g	NC	50
7414013	Bromoform	2021/06/18	98	60 - 140	98	60 - 130	<0.050	ug/g	NC	50
7414013	Bromomethane	2021/06/18	97	60 - 140	99	60 - 140	<0.050	ug/g	NC	50
7414013	Carbon Tetrachloride	2021/06/18	93	60 - 140	91	60 - 130	<0.050	ug/g	NC	50
7414013	Chlorobenzene	2021/06/18	97	60 - 140	96	60 - 130	<0.050	ug/g	NC	50
7414013	Chloroform	2021/06/18	95	60 - 140	94	60 - 130	<0.050	ug/g	NC	50
7414013	cis-1,2-Dichloroethylene	2021/06/18	100	60 - 140	99	60 - 130	<0.050	ug/g	NC	50
7414013	cis-1,3-Dichloropropene	2021/06/18	86	60 - 140	89	60 - 130	<0.030	ug/g	NC	50
7414013	Dibromochloromethane	2021/06/18	95	60 - 140	95	60 - 130	<0.050	ug/g	NC	50
7414013	Dichlorodifluoromethane (FREON 12)	2021/06/18	90	60 - 140	93	60 - 140	<0.050	ug/g	NC	50
7414013	Ethylbenzene	2021/06/18	87	60 - 140	87	60 - 130	<0.020	ug/g	NC	50
7414013	Ethylene Dibromide	2021/06/18	94	60 - 140	95	60 - 130	<0.050	ug/g	NC	50
7414013	F1 (C6-C10) - BTEX	2021/06/18					<10	ug/g	NC	30
7414013	F1 (C6-C10)	2021/06/18	91	60 - 140	92	80 - 120	<10	ug/g	NC	30
7414013	Hexane	2021/06/18	100	60 - 140	99	60 - 130	<0.050	ug/g	NC	50
7414013	Methyl Ethyl Ketone (2-Butanone)	2021/06/18	91	60 - 140	94	60 - 140	<0.50	ug/g	NC	50

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BV Labs Job #: C1G4444

Report Date: 2021/06/29

QUALITY ASSURANCE REPORT(CONT'D)

Pinchin Ltd

Client Project #: 294348

Site Location: 1250 SOUTH SERVICE RD., TORONTO

Sampler Initials: SP

QC Batch	Parameter	Date	Matrix Spike		SPIKED BLANK		Method Blank		RPD	
			% Recovery	QC Limits	% Recovery	QC Limits	Value	UNITS	Value (%)	QC Limits
7414013	Methyl Isobutyl Ketone	2021/06/18	81	60 - 140	84	60 - 130	<0.50	ug/g	NC	50
7414013	Methyl t-butyl ether (MTBE)	2021/06/18	83	60 - 140	84	60 - 130	<0.050	ug/g	NC	50
7414013	Methylene Chloride(Dichloromethane)	2021/06/18	100	60 - 140	99	60 - 130	<0.050	ug/g	NC	50
7414013	o-Xylene	2021/06/18	87	60 - 140	87	60 - 130	<0.020	ug/g	NC	50
7414013	p+m-Xylene	2021/06/18	89	60 - 140	89	60 - 130	<0.020	ug/g	NC	50
7414013	Styrene	2021/06/18	99	60 - 140	100	60 - 130	<0.050	ug/g	NC	50
7414013	Tetrachloroethylene	2021/06/18	102	60 - 140	99	60 - 130	<0.050	ug/g	NC	50
7414013	Toluene	2021/06/18	92	60 - 140	91	60 - 130	<0.020	ug/g	NC	50
7414013	Total Xylenes	2021/06/18					<0.020	ug/g	NC	50
7414013	trans-1,2-Dichloroethylene	2021/06/18	103	60 - 140	101	60 - 130	<0.050	ug/g	NC	50
7414013	trans-1,3-Dichloropropene	2021/06/18	93	60 - 140	98	60 - 130	<0.040	ug/g	NC	50
7414013	Trichloroethylene	2021/06/18	107	60 - 140	106	60 - 130	<0.050	ug/g	NC	50
7414013	Trichlorofluoromethane (FREON 11)	2021/06/18	92	60 - 140	90	60 - 130	<0.050	ug/g	NC	50
7414013	Vinyl Chloride	2021/06/18	102	60 - 140	103	60 - 130	<0.020	ug/g	NC	50
7415371	Aroclor 1242	2021/06/18					<0.010	ug/g	NC	50
7415371	Aroclor 1248	2021/06/18					<0.010	ug/g	NC	50
7415371	Aroclor 1254	2021/06/18					<0.010	ug/g	NC	50
7415371	Aroclor 1260	2021/06/18	134 (1)	30 - 130	125	30 - 130	<0.010	ug/g	NC	50
7415371	Total PCB	2021/06/18	134 (1)	30 - 130	125	30 - 130	<0.010	ug/g	NC	50
7415681	F2 (C10-C16 Hydrocarbons)	2021/06/18	96	50 - 130	95	80 - 120	<10	ug/g	NC	30
7415681	F3 (C16-C34 Hydrocarbons)	2021/06/18	94	50 - 130	96	80 - 120	<50	ug/g	7.5	30
7415681	F4 (C34-C50 Hydrocarbons)	2021/06/18	97	50 - 130	97	80 - 120	<50	ug/g	NC	30
7416929	1-Methylnaphthalene	2021/06/19	101	50 - 130	111	50 - 130	<0.0050	ug/g	NC	40
7416929	2-Methylnaphthalene	2021/06/19	95	50 - 130	106	50 - 130	<0.0050	ug/g	NC	40
7416929	Acenaphthene	2021/06/19	94	50 - 130	98	50 - 130	<0.0050	ug/g	NC	40
7416929	Acenaphthylene	2021/06/19	86	50 - 130	90	50 - 130	<0.0050	ug/g	NC	40
7416929	Anthracene	2021/06/19	92	50 - 130	97	50 - 130	<0.0050	ug/g	NC	40
7416929	Benzo(a)anthracene	2021/06/19	98	50 - 130	98	50 - 130	<0.0050	ug/g	NC	40
7416929	Benzo(a)pyrene	2021/06/19	84	50 - 130	86	50 - 130	<0.0050	ug/g	NC	40
7416929	Benzo(b,j)fluoranthene	2021/06/19	96	50 - 130	103	50 - 130	<0.0050	ug/g	NC	40
7416929	Benzo(g,h,i)perylene	2021/06/19	95	50 - 130	95	50 - 130	<0.0050	ug/g	NC	40

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QUALITY ASSURANCE REPORT(CONT'D)

Pinchin Ltd

Client Project #: 294348

Site Location: 1250 SOUTH SERVICE RD., TORONTO

Sampler Initials: SP

QC Batch	Parameter	Date	Matrix Spike		SPIKED BLANK		Method Blank		RPD	
			% Recovery	QC Limits	% Recovery	QC Limits	Value	UNITS	Value (%)	QC Limits
7416929	Benzo(k)fluoranthene	2021/06/19	99	50 - 130	97	50 - 130	<0.0050	ug/g	NC	40
7416929	Chrysene	2021/06/19	98	50 - 130	101	50 - 130	<0.0050	ug/g	NC	40
7416929	Dibenzo(a,h)anthracene	2021/06/19	102	50 - 130	103	50 - 130	<0.0050	ug/g	NC	40
7416929	Fluoranthene	2021/06/19	101	50 - 130	110	50 - 130	<0.0050	ug/g	NC	40
7416929	Fluorene	2021/06/19	97	50 - 130	99	50 - 130	<0.0050	ug/g	NC	40
7416929	Indeno(1,2,3-cd)pyrene	2021/06/19	96	50 - 130	99	50 - 130	<0.0050	ug/g	NC	40
7416929	Naphthalene	2021/06/19	77	50 - 130	91	50 - 130	<0.0050	ug/g	NC	40
7416929	Phenanthrene	2021/06/19	96	50 - 130	99	50 - 130	<0.0050	ug/g	NC	40
7416929	Pyrene	2021/06/19	103	50 - 130	111	50 - 130	<0.0050	ug/g	NC	40
7418099	Benzene	2021/06/20	104	50 - 140	96	50 - 140	<0.020	ug/g	NC	50
7418099	Ethylbenzene	2021/06/20	116	50 - 140	109	50 - 140	<0.020	ug/g	NC	50
7418099	F1 (C6-C10) - BTEX	2021/06/20					<10	ug/g	NC	30
7418099	F1 (C6-C10)	2021/06/20	86	60 - 140	84	80 - 120	<10	ug/g	NC	30
7418099	o-Xylene	2021/06/20	113	50 - 140	106	50 - 140	<0.020	ug/g	NC	50
7418099	p+m-Xylene	2021/06/20	126	50 - 140	119	50 - 140	<0.040	ug/g	NC	50
7418099	Toluene	2021/06/20	111	50 - 140	104	50 - 140	<0.020	ug/g	NC	50
7418099	Total Xylenes	2021/06/20					<0.040	ug/g	NC	50
7432586	1,1,1,2-Tetrachloroethane	2021/06/29	108	60 - 140	104	60 - 130	<0.040	ug/g	NC	50
7432586	1,1,1-Trichloroethane	2021/06/29	111	60 - 140	109	60 - 130	<0.040	ug/g	NC	50
7432586	1,1,2,2-Tetrachloroethane	2021/06/29	98	60 - 140	97	60 - 130	<0.040	ug/g	NC	50
7432586	1,1,2-Trichloroethane	2021/06/29	108	60 - 140	105	60 - 130	<0.040	ug/g	NC	50
7432586	1,1-Dichloroethane	2021/06/29	102	60 - 140	99	60 - 130	<0.040	ug/g	NC	50
7432586	1,1-Dichloroethylene	2021/06/29	109	60 - 140	106	60 - 130	<0.040	ug/g	NC	50
7432586	1,2-Dichlorobenzene	2021/06/29	100	60 - 140	98	60 - 130	<0.040	ug/g	NC	50
7432586	1,2-Dichloroethane	2021/06/29	96	60 - 140	95	60 - 130	<0.049	ug/g	NC	50
7432586	1,2-Dichloropropane	2021/06/29	100	60 - 140	99	60 - 130	<0.040	ug/g	NC	50
7432586	1,3-Dichlorobenzene	2021/06/29	100	60 - 140	99	60 - 130	<0.040	ug/g	NC	50
7432586	1,4-Dichlorobenzene	2021/06/29	116	60 - 140	114	60 - 130	<0.040	ug/g	NC	50
7432586	Acetone (2-Propanone)	2021/06/29	98	60 - 140	97	60 - 140	<0.49	ug/g	NC	50
7432586	Benzene	2021/06/29	94	60 - 140	92	60 - 130	<0.0060	ug/g	NC	50
7432586	Bromodichloromethane	2021/06/29	103	60 - 140	102	60 - 130	<0.040	ug/g	NC	50



BUREAU
VERITAS

BV Labs Job #: C1G4444

Report Date: 2021/06/29

QUALITY ASSURANCE REPORT(CONT'D)

Pinchin Ltd

Client Project #: 294348

Site Location: 1250 SOUTH SERVICE RD., TORONTO

Sampler Initials: SP

QC Batch	Parameter	Date	Matrix Spike		SPIKED BLANK		Method Blank		RPD	
			% Recovery	QC Limits	% Recovery	QC Limits	Value	UNITS	Value (%)	QC Limits
7432586	Bromoform	2021/06/29	99	60 - 140	98	60 - 130	<0.040	ug/g	NC	50
7432586	Bromomethane	2021/06/29	107	60 - 140	105	60 - 140	<0.040	ug/g	NC	50
7432586	Carbon Tetrachloride	2021/06/29	107	60 - 140	105	60 - 130	<0.040	ug/g	NC	50
7432586	Chlorobenzene	2021/06/29	105	60 - 140	102	60 - 130	<0.040	ug/g	NC	50
7432586	Chloroform	2021/06/29	106	60 - 140	104	60 - 130	<0.040	ug/g	NC	50
7432586	cis-1,2-Dichloroethylene	2021/06/29	104	60 - 140	101	60 - 130	<0.040	ug/g	NC	50
7432586	cis-1,3-Dichloropropene	2021/06/29	91	60 - 140	90	60 - 130	<0.030	ug/g	NC	50
7432586	Dibromochloromethane	2021/06/29	103	60 - 140	101	60 - 130	<0.040	ug/g	NC	50
7432586	Dichlorodifluoromethane (FREON 12)	2021/06/29	109	60 - 140	106	60 - 140	<0.040	ug/g	NC	50
7432586	Ethylbenzene	2021/06/29	94	60 - 140	91	60 - 130	<0.010	ug/g	NC	50
7432586	Ethylene Dibromide	2021/06/29	100	60 - 140	98	60 - 130	<0.040	ug/g	NC	50
7432586	Hexane	2021/06/29	98	60 - 140	94	60 - 130	<0.040	ug/g	NC	50
7432586	Methyl Ethyl Ketone (2-Butanone)	2021/06/29	95	60 - 140	94	60 - 140	<0.40	ug/g	NC	50
7432586	Methyl Isobutyl Ketone	2021/06/29	90	60 - 140	92	60 - 130	<0.40	ug/g	NC	50
7432586	Methyl t-butyl ether (MTBE)	2021/06/29	88	60 - 140	85	60 - 130	<0.040	ug/g	NC	50
7432586	Methylene Chloride(Dichloromethane)	2021/06/29	120	60 - 140	118	60 - 130	<0.049	ug/g	NC	50
7432586	o-Xylene	2021/06/29	93	60 - 140	91	60 - 130	<0.020	ug/g	NC	50
7432586	p+m-Xylene	2021/06/29	98	60 - 140	95	60 - 130	<0.020	ug/g	NC	50
7432586	Styrene	2021/06/29	96	60 - 140	95	60 - 130	<0.040	ug/g	NC	50
7432586	Tetrachloroethylene	2021/06/29	104	60 - 140	101	60 - 130	<0.040	ug/g	NC	50
7432586	Toluene	2021/06/29	100	60 - 140	97	60 - 130	<0.020	ug/g	NC	50
7432586	Total Xylenes	2021/06/29					<0.020	ug/g	NC	50
7432586	trans-1,2-Dichloroethylene	2021/06/29	107	60 - 140	104	60 - 130	<0.040	ug/g	NC	50
7432586	trans-1,3-Dichloropropene	2021/06/29	102	60 - 140	99	60 - 130	<0.040	ug/g	NC	50
7432586	Trichloroethylene	2021/06/29	109	60 - 140	107	60 - 130	<0.010	ug/g	NC	50
7432586	Trichlorofluoromethane (FREON 11)	2021/06/29	112	60 - 140	109	60 - 130	<0.040	ug/g	NC	50



BUREAU
VERITAS

BV Labs Job #: C1G4444

Report Date: 2021/06/29

QUALITY ASSURANCE REPORT(CONT'D)

Pinchin Ltd

Client Project #: 294348

Site Location: 1250 SOUTH SERVICE RD., TORONTO

Sampler Initials: SP

QC Batch	Parameter	Date	Matrix Spike		SPIKED BLANK		Method Blank		RPD	
			% Recovery	QC Limits	% Recovery	QC Limits	Value	UNITS	Value (%)	QC Limits
7432586	Vinyl Chloride	2021/06/29	107	60 - 140	103	60 - 130	<0.019	ug/g	NC	50

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

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

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

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

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

NC (Duplicate RPD): The duplicate RPD was not calculated. The concentration in the sample and/or duplicate was too low to permit a reliable RPD calculation (absolute difference $\leq 2 \times \text{RDL}$).

(1) Matrix Spike exceeds acceptance limits, sample inhomogeneity suspected.



FUNDAMENTAL LABORATORY ACCEPTANCE GUIDELINE

Invoice To:

Pinchin Ltd
ATTN: Accounts Payable
2470 Milltower Crt
Mississauga, ON
CANADA L5N 7W5
Client Contact:
Toby Glanville

BV Labs Job #:	C1G4444
Date Received:	2021/06/15
Your C.O.C. #:	831305-11-01
Your Project #:	294348
BV Labs Project Manager:	Antonella Brasil
Quote #:	A70927

No discrepancies noted.

Report Comments

Received Date:	<u>2021/06/15</u>	Time:	<u>18:28</u>	By:	_____
Inspected Date:	_____	Time:	_____	By:	_____
FLAG Created Date:	_____	Time:	_____	By:	_____



BUREAU
VERITAS

BV Labs Job #: C1G4444

Report Date: 2021/06/29

Pinchin Ltd

Client Project #: 294348

Site Location: 1250 SOUTH SERVICE RD., TORONTO

Sampler Initials: SP

VALIDATION SIGNATURE PAGE

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

Anastassia Hamanov, Scientific Specialist

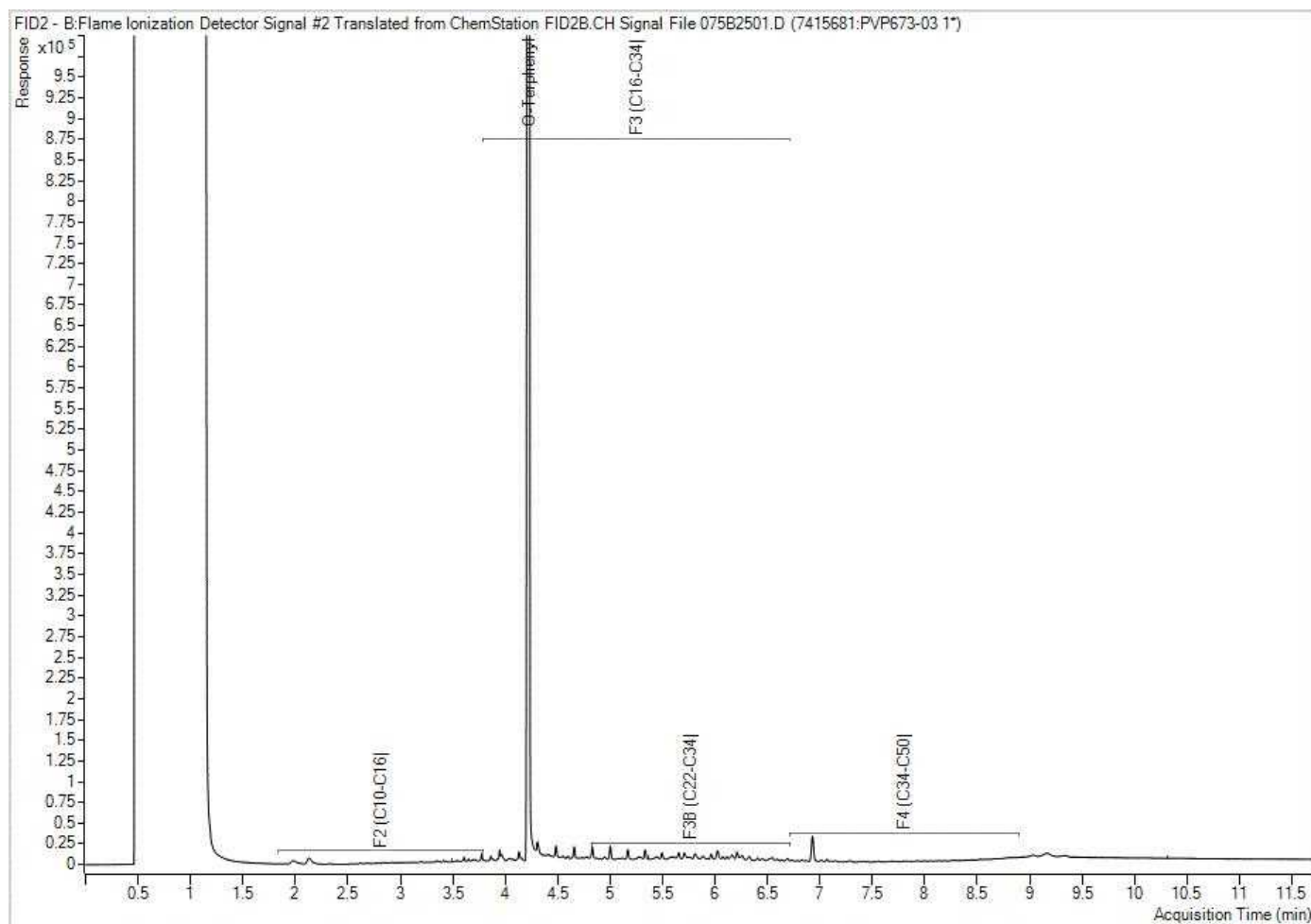
Ewa Pranjić, M.Sc., C.Chem, Scientific Specialist

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BV Labs Job #: C1G4444
Report Date: 2021/06/29
BV Labs Sample: PVP673

Pinchin Ltd
Client Project #: 294348
Project name: 1250 SOUTH SERVICE RD., TORONTO
Client ID: MW21-16 S2

Petroleum Hydrocarbons F2-F4 in Soil Chromatogram

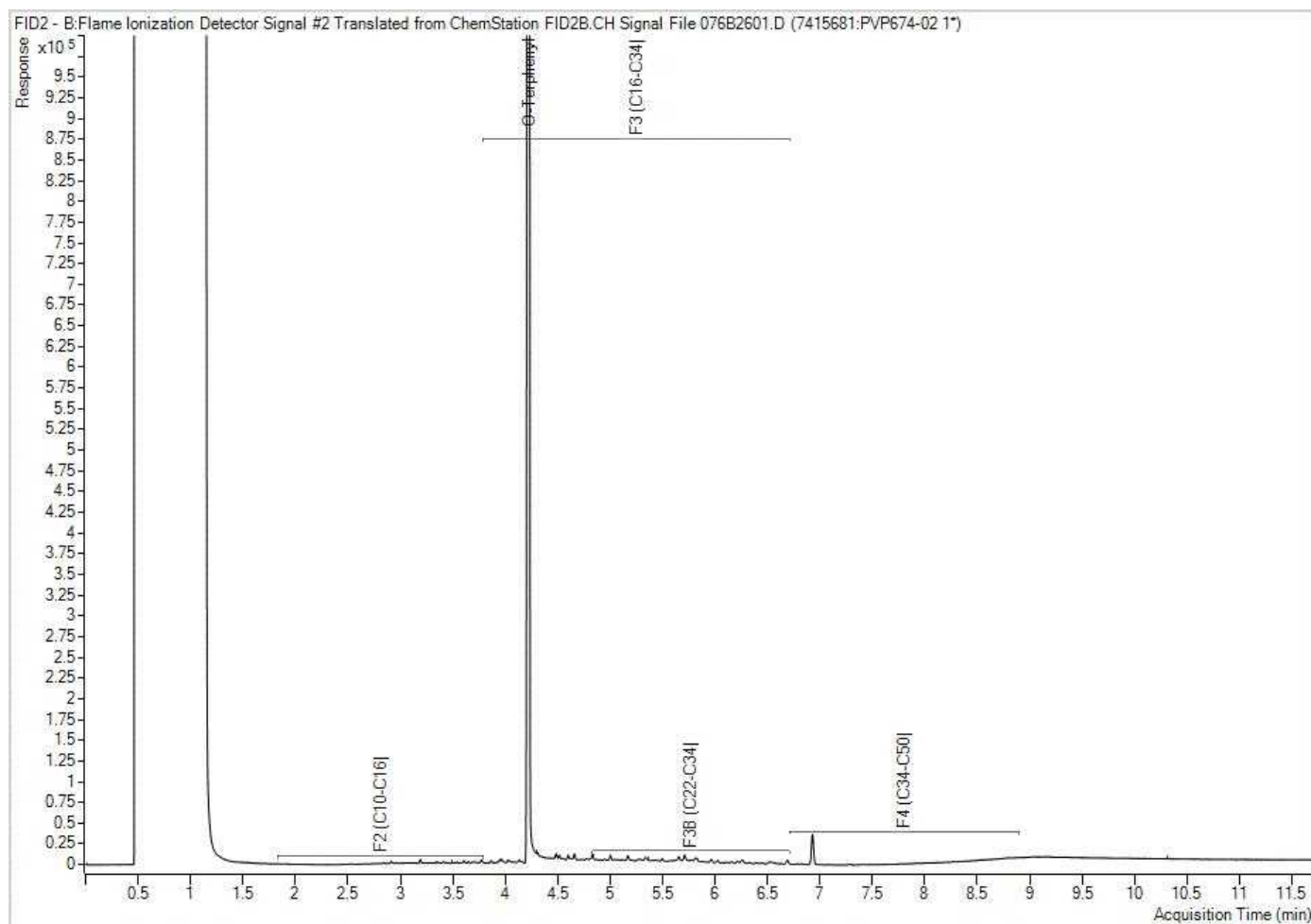


Note: This information is provided for reference purposes only. Should detailed chemist interpretation or fingerprinting be required, please contact the laboratory.

BV Labs Job #: C1G4444
Report Date: 2021/06/29
BV Labs Sample: PVP674

Pinchin Ltd
Client Project #: 294348
Project name: 1250 SOUTH SERVICE RD., TORONTO
Client ID: MW21-30 S1

Petroleum Hydrocarbons F2-F4 in Soil Chromatogram



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



Your Project #: 294348
Your C.O.C. #: 831305-01-01

Attention: Toby Glanville

Pinchin Ltd
2470 Milltower Crt
Mississauga, ON
CANADA L5N 7W5

Report Date: 2021/06/28
Report #: R6696562
Version: 2 - Revision

CERTIFICATE OF ANALYSIS – REVISED REPORT

BV LABS JOB #: C1G6002

Received: 2021/06/16, 17:13

Sample Matrix: Soil
Samples Received: 6

Analyses	Quantity	Date Extracted	Date Analyzed	Laboratory Method	Analytical Method
Methylnaphthalene Sum	3	N/A	2021/06/21	CAM SOP-00301	EPA 8270D m
Hot Water Extractable Boron	1	2021/06/18	2021/06/18	CAM SOP-00408	R153 Ana. Prot. 2011
1,3-Dichloropropene Sum	4	N/A	2021/06/21		EPA 8260C m
1,3-Dichloropropene Sum	1	N/A	2021/06/28		EPA 8260C m
Free (WAD) Cyanide	1	2021/06/21	2021/06/21	CAM SOP-00457	OMOE E3015 m
Conductivity	1	2021/06/21	2021/06/21	CAM SOP-00414	OMOE E3530 v1 m
Hexavalent Chromium in Soil by IC (1)	1	2021/06/18	2021/06/21	CAM SOP-00436	EPA 3060/7199 m
Petroleum Hydro. CCME F1 & BTEX in Soil (2)	1	N/A	2021/06/20	CAM SOP-00315	CCME PHC-CWS m
Petroleum Hydrocarbons F2-F4 in Soil (3)	3	2021/06/18	2021/06/19	CAM SOP-00316	CCME CWS m
F4G (CCME Hydrocarbons Gravimetric)	1	2021/06/22	2021/06/22	CAM SOP-00316	CCME PHC-CWS m
Acid Extractable Metals by ICPMS	1	2021/06/18	2021/06/21	CAM SOP-00447	EPA 6020B m
Moisture	5	N/A	2021/06/17	CAM SOP-00445	Carter 2nd ed 51.2 m
Moisture	1	N/A	2021/06/23	CAM SOP-00445	Carter 2nd ed 51.2 m
PAH Compounds in Soil by GC/MS (SIM)	3	2021/06/18	2021/06/19	CAM SOP-00318	EPA 8270D m
Sodium Adsorption Ratio (SAR)	1	N/A	2021/06/21	CAM SOP-00102	EPA 6010C
Volatile Organic Compounds and F1 PHCs	2	N/A	2021/06/19	CAM SOP-00230	EPA 8260C m
Volatile Organic Compounds in Soil	2	N/A	2021/06/20	CAM SOP-00228	EPA 8260C m
Volatile Organic Compounds in Soil	1	N/A	2021/06/25	CAM SOP-00228	EPA 8260C m

Remarks:

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

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

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



Your Project #: 294348
Your C.O.C. #: 831305-01-01

Attention: Toby Glanville

Pinchin Ltd
2470 Milltower Crt
Mississauga, ON
CANADA L5N 7W5

Report Date: 2021/06/28
Report #: R6696562
Version: 2 - Revision

CERTIFICATE OF ANALYSIS – REVISED REPORT

BV LABS JOB #: C1G6002

Received: 2021/06/16, 17:13

otherwise agreed in writing. Bureau Veritas is not responsible for the accuracy or any data impacts, that result from the information provided by the customer or their agent.

Solid sample results, except biota, are based on dry weight unless otherwise indicated. Organic analyses are not recovery corrected except for isotope dilution methods.

Results relate to samples tested. When sampling is not conducted by Bureau Veritas, results relate to the supplied samples tested.

This Certificate shall not be reproduced except in full, without the written approval of the laboratory.

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

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

(1) Soils are reported on a dry weight basis unless otherwise specified.

(2) No lab extraction date is given for F1BTEX & VOC samples that are field preserved with methanol. Extraction date is the date sampled unless otherwise stated.

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

Encryption Key

Please direct all questions regarding this Certificate of Analysis to your Project Manager.

Antonella Brasil, Senior Project Manager

Email: Antonella.Brasil@bureauveritas.com

Phone# (905)817-5817

=====

BV Labs has procedures in place to guard against improper use of the electronic signature and have the required "signatories", as per ISO/IEC 17025, signing the reports. For Service Group specific validation please refer to the Validation Signature Page.



BV Labs Job #: C1G6002
Report Date: 2021/06/28

Pinchin Ltd
Client Project #: 294348
Sampler Initials: SP

O.REG 153 METALS & INORGANICS PKG (SOIL)

BV Labs ID		PVX639			
Sampling Date		2021/06/16 10:55			
COC Number		831305-01-01			
	UNITS	MW21-14 S1	RDL	MDL	QC Batch
Calculated Parameters					
Sodium Adsorption Ratio	N/A	1.6			7413376
Inorganics					
Conductivity	mS/cm	0.72	0.002	0.0005	7419071
Moisture	%	6.2	1.0	0.50	7414343
WAD Cyanide (Free)	ug/g	<0.01	0.01	0.005	7419110
Chromium (VI)	ug/g	<0.18	0.18	0.050	7416186
Metals					
Hot Water Ext. Boron (B)	ug/g	0.30	0.050	0.030	7416373
Acid Extractable Antimony (Sb)	ug/g	<0.20	0.20	0.10	7416200
Acid Extractable Arsenic (As)	ug/g	2.5	1.0	0.10	7416200
Acid Extractable Barium (Ba)	ug/g	18	0.50	0.30	7416200
Acid Extractable Beryllium (Be)	ug/g	<0.20	0.20	0.020	7416200
Acid Extractable Boron (B)	ug/g	<5.0	5.0	1.0	7416200
Acid Extractable Cadmium (Cd)	ug/g	<0.10	0.10	0.030	7416200
Acid Extractable Chromium (Cr)	ug/g	7.2	1.0	0.20	7416200
Acid Extractable Cobalt (Co)	ug/g	2.9	0.10	0.020	7416200
Acid Extractable Copper (Cu)	ug/g	10	0.50	0.20	7416200
Acid Extractable Lead (Pb)	ug/g	9.6	1.0	0.10	7416200
Acid Extractable Molybdenum (Mo)	ug/g	<0.50	0.50	0.10	7416200
Acid Extractable Nickel (Ni)	ug/g	6.6	0.50	0.20	7416200
Acid Extractable Selenium (Se)	ug/g	<0.50	0.50	0.10	7416200
Acid Extractable Silver (Ag)	ug/g	<0.20	0.20	0.040	7416200
Acid Extractable Thallium (Tl)	ug/g	0.054	0.050	0.010	7416200
Acid Extractable Uranium (U)	ug/g	0.31	0.050	0.030	7416200
Acid Extractable Vanadium (V)	ug/g	16	5.0	0.50	7416200
Acid Extractable Zinc (Zn)	ug/g	26	5.0	0.50	7416200
Acid Extractable Mercury (Hg)	ug/g	<0.050	0.050	0.030	7416200
RDL = Reportable Detection Limit					
QC Batch = Quality Control Batch					



BV Labs Job #: C1G6002
Report Date: 2021/06/28

Pinchin Ltd
Client Project #: 294348
Sampler Initials: SP

O.REG 153 PAHS (SOIL)

BV Labs ID		PVX639			PVX640	PVX642			
Sampling Date		2021/06/16 10:55			2021/06/16 10:30	2021/06/16			
COC Number		831305-01-01			831305-01-01	831305-01-01			
	UNITS	MW21-14 S1	RDL	MDL	MW21-14 S6	DUP2-160621	RDL	MDL	QC Batch
Calculated Parameters									
Methylnaphthalene, 2-(1-)	ug/g	<0.071	0.071	N/A	<0.0071	<0.0071	0.0071	N/A	7413229
Polyaromatic Hydrocarbons									
Acenaphthene	ug/g	<0.050	0.050	0.020	<0.0050	<0.0050	0.0050	0.0020	7416989
Acenaphthylene	ug/g	<0.050	0.050	0.010	<0.0050	<0.0050	0.0050	0.0010	7416989
Anthracene	ug/g	<0.050	0.050	0.010	<0.0050	<0.0050	0.0050	0.0010	7416989
Benzo(a)anthracene	ug/g	<0.050	0.050	0.020	<0.0050	<0.0050	0.0050	0.0020	7416989
Benzo(a)pyrene	ug/g	<0.050	0.050	0.010	<0.0050	<0.0050	0.0050	0.0010	7416989
Benzo(b,j)fluoranthene	ug/g	<0.050	0.050	0.020	<0.0050	<0.0050	0.0050	0.0020	7416989
Benzo(g,h,i)perylene	ug/g	<0.050	0.050	0.040	<0.0050	<0.0050	0.0050	0.0040	7416989
Benzo(k)fluoranthene	ug/g	<0.050	0.050	0.020	<0.0050	<0.0050	0.0050	0.0020	7416989
Chrysene	ug/g	<0.050	0.050	0.020	<0.0050	<0.0050	0.0050	0.0020	7416989
Dibenzo(a,h)anthracene	ug/g	<0.050	0.050	0.040	<0.0050	<0.0050	0.0050	0.0040	7416989
Fluoranthene	ug/g	<0.050	0.050	0.010	<0.0050	<0.0050	0.0050	0.0010	7416989
Fluorene	ug/g	<0.050	0.050	0.010	<0.0050	<0.0050	0.0050	0.0010	7416989
Indeno(1,2,3-cd)pyrene	ug/g	<0.050	0.050	0.040	<0.0050	<0.0050	0.0050	0.0040	7416989
1-Methylnaphthalene	ug/g	<0.050	0.050	0.010	<0.0050	<0.0050	0.0050	0.0010	7416989
2-Methylnaphthalene	ug/g	<0.050	0.050	0.010	<0.0050	<0.0050	0.0050	0.0010	7416989
Naphthalene	ug/g	<0.050	0.050	0.010	<0.0050	<0.0050	0.0050	0.0010	7416989
Phenanthrene	ug/g	<0.050	0.050	0.010	<0.0050	<0.0050	0.0050	0.0010	7416989
Pyrene	ug/g	<0.050	0.050	0.010	<0.0050	<0.0050	0.0050	0.0010	7416989
Surrogate Recovery (%)									
D10-Anthracene	%	96			90	89			7416989
D14-Terphenyl (FS)	%	81			87	86			7416989
D8-Acenaphthylene	%	79			86	86			7416989
RDL = Reportable Detection Limit QC Batch = Quality Control Batch N/A = Not Applicable									



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BV Labs Job #: C1G6002
Report Date: 2021/06/28

Pinchin Ltd
Client Project #: 294348
Sampler Initials: SP

O.REG 153 PHCS, BTEX/F1-F4 (SOIL)

BV Labs ID		PVX639			
Sampling Date		2021/06/16 10:55			
COC Number		831305-01-01			
	UNITS	MW21-14 S1	RDL	MDL	QC Batch
BTEX & F1 Hydrocarbons					
Benzene	ug/g	<0.020	0.020	0.020	7418099
Toluene	ug/g	<0.020	0.020	0.020	7418099
Ethylbenzene	ug/g	<0.020	0.020	0.020	7418099
o-Xylene	ug/g	<0.020	0.020	0.020	7418099
p+m-Xylene	ug/g	<0.040	0.040	0.040	7418099
Total Xylenes	ug/g	<0.040	0.040	0.040	7418099
F1 (C6-C10)	ug/g	<10	10	5.0	7418099
F1 (C6-C10) - BTEX	ug/g	<10	10	5.0	7418099
F2-F4 Hydrocarbons					
F2 (C10-C16 Hydrocarbons)	ug/g	<10	10	5.0	7416943
F3 (C16-C34 Hydrocarbons)	ug/g	83	50	5.0	7416943
F4 (C34-C50 Hydrocarbons)	ug/g	130	50	10	7416943
Reached Baseline at C50	ug/g	No			7416943
Surrogate Recovery (%)					
1,4-Difluorobenzene	%	99			7418099
4-Bromofluorobenzene	%	97			7418099
D10-o-Xylene	%	92			7418099
D4-1,2-Dichloroethane	%	99			7418099
o-Terphenyl	%	93			7416943
RDL = Reportable Detection Limit					
QC Batch = Quality Control Batch					



BV Labs Job #: C1G6002
Report Date: 2021/06/28

Pinchin Ltd
Client Project #: 294348
Sampler Initials: SP

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

BV Labs ID		PVX640	PVX642			
Sampling Date		2021/06/16 10:30	2021/06/16			
COC Number		831305-01-01	831305-01-01			
	UNITS	MW21-14 S6	DUP2-160621	RDL	MDL	QC Batch
Inorganics						
Moisture	%	7.3	9.5	1.0	0.50	7414248
Calculated Parameters						
1,3-Dichloropropene (cis+trans)	ug/g	<0.050	<0.050	0.050	0.010	7413231
Volatile Organics						
Acetone (2-Propanone)	ug/g	<0.50	<0.50	0.50	0.50	7415856
Benzene	ug/g	<0.020	<0.020	0.020	0.020	7415856
Bromodichloromethane	ug/g	<0.050	<0.050	0.050	0.050	7415856
Bromoform	ug/g	<0.050	<0.050	0.050	0.050	7415856
Bromomethane	ug/g	<0.050	<0.050	0.050	0.050	7415856
Carbon Tetrachloride	ug/g	<0.050	<0.050	0.050	0.050	7415856
Chlorobenzene	ug/g	<0.050	<0.050	0.050	0.050	7415856
Chloroform	ug/g	<0.050	<0.050	0.050	0.050	7415856
Dibromochloromethane	ug/g	<0.050	<0.050	0.050	0.050	7415856
1,2-Dichlorobenzene	ug/g	<0.050	<0.050	0.050	0.050	7415856
1,3-Dichlorobenzene	ug/g	<0.050	<0.050	0.050	0.050	7415856
1,4-Dichlorobenzene	ug/g	<0.050	<0.050	0.050	0.050	7415856
Dichlorodifluoromethane (FREON 12)	ug/g	<0.050	<0.050	0.050	0.050	7415856
1,1-Dichloroethane	ug/g	<0.050	<0.050	0.050	0.050	7415856
1,2-Dichloroethane	ug/g	<0.050	<0.050	0.050	0.050	7415856
1,1-Dichloroethylene	ug/g	<0.050	<0.050	0.050	0.050	7415856
cis-1,2-Dichloroethylene	ug/g	<0.050	<0.050	0.050	0.050	7415856
trans-1,2-Dichloroethylene	ug/g	<0.050	<0.050	0.050	0.050	7415856
1,2-Dichloropropane	ug/g	<0.050	<0.050	0.050	0.050	7415856
cis-1,3-Dichloropropene	ug/g	<0.030	<0.030	0.030	0.030	7415856
trans-1,3-Dichloropropene	ug/g	<0.040	<0.040	0.040	0.040	7415856
Ethylbenzene	ug/g	<0.020	<0.020	0.020	0.020	7415856
Ethylene Dibromide	ug/g	<0.050	<0.050	0.050	0.050	7415856
Hexane	ug/g	<0.050	<0.050	0.050	0.050	7415856
Methylene Chloride(Dichloromethane)	ug/g	<0.050	<0.050	0.050	0.050	7415856
Methyl Ethyl Ketone (2-Butanone)	ug/g	<0.50	<0.50	0.50	0.50	7415856
Methyl Isobutyl Ketone	ug/g	<0.50	<0.50	0.50	0.50	7415856
RDL = Reportable Detection Limit						
QC Batch = Quality Control Batch						



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

BV Labs ID		PVX640	PVX642			
Sampling Date		2021/06/16 10:30	2021/06/16			
COC Number		831305-01-01	831305-01-01			
	UNITS	MW21-14 S6	DUP2-160621	RDL	MDL	QC Batch
Methyl t-butyl ether (MTBE)	ug/g	<0.050	<0.050	0.050	0.050	7415856
Styrene	ug/g	<0.050	<0.050	0.050	0.050	7415856
1,1,1,2-Tetrachloroethane	ug/g	<0.050	<0.050	0.050	0.050	7415856
1,1,2,2-Tetrachloroethane	ug/g	<0.050	<0.050	0.050	0.050	7415856
Tetrachloroethylene	ug/g	<0.050	<0.050	0.050	0.050	7415856
Toluene	ug/g	<0.020	<0.020	0.020	0.020	7415856
1,1,1-Trichloroethane	ug/g	<0.050	<0.050	0.050	0.050	7415856
1,1,2-Trichloroethane	ug/g	<0.050	<0.050	0.050	0.050	7415856
Trichloroethylene	ug/g	<0.050	<0.050	0.050	0.050	7415856
Trichlorofluoromethane (FREON 11)	ug/g	<0.050	<0.050	0.050	0.050	7415856
Vinyl Chloride	ug/g	<0.020	<0.020	0.020	0.020	7415856
p+m-Xylene	ug/g	<0.020	<0.020	0.020	0.020	7415856
o-Xylene	ug/g	<0.020	<0.020	0.020	0.020	7415856
Total Xylenes	ug/g	<0.020	<0.020	0.020	0.020	7415856
F1 (C6-C10)	ug/g	<10	<10	10	N/A	7415856
F1 (C6-C10) - BTEX	ug/g	<10	<10	10	N/A	7415856
F2-F4 Hydrocarbons						
F2 (C10-C16 Hydrocarbons)	ug/g	<10	<10	10	5.0	7416943
F3 (C16-C34 Hydrocarbons)	ug/g	<50	<50	50	5.0	7416943
F4 (C34-C50 Hydrocarbons)	ug/g	<50	<50	50	10	7416943
Reached Baseline at C50	ug/g	Yes	Yes			7416943
Surrogate Recovery (%)						
o-Terphenyl	%	92	94			7416943
4-Bromofluorobenzene	%	96	95			7415856
D10-o-Xylene	%	79	76			7415856
D4-1,2-Dichloroethane	%	87	87			7415856
D8-Toluene	%	102	102			7415856
RDL = Reportable Detection Limit QC Batch = Quality Control Batch N/A = Not Applicable						



BV Labs Job #: C1G6002
Report Date: 2021/06/28

Pinchin Ltd
Client Project #: 294348
Sampler Initials: SP

O.REG 153 VOCs BY HS (SOIL)

BV Labs ID		PVX638	PVX641		PVX643			
Sampling Date		2021/06/16 09:22	2021/06/16		2021/06/16 09:36			
COC Number		831305-01-01	831305-01-01		831305-01-01			
	UNITS	MW21-13 S6	DUP1-160621	QC Batch	MW21-13 S8	RDL	MDL	QC Batch
Inorganics								
Moisture	%	19	12	7414343	19	1.0	0.50	7424672
Calculated Parameters								
1,3-Dichloropropene (cis+trans)	ug/g	<0.050	<0.050	7413231	<0.050	0.050	0.010	7424546
Volatile Organics								
Acetone (2-Propanone)	ug/g	<0.49	<0.49	7415909	<0.49	0.49	0.49	7426870
Benzene	ug/g	<0.0060	<0.0060	7415909	0.013	0.0060	0.0060	7426870
Bromodichloromethane	ug/g	<0.040	<0.040	7415909	<0.040	0.040	0.040	7426870
Bromoform	ug/g	<0.040	<0.040	7415909	<0.040	0.040	0.040	7426870
Bromomethane	ug/g	<0.040	<0.040	7415909	<0.040	0.040	0.040	7426870
Carbon Tetrachloride	ug/g	<0.040	<0.040	7415909	<0.040	0.040	0.040	7426870
Chlorobenzene	ug/g	<0.040	<0.040	7415909	<0.040	0.040	0.040	7426870
Chloroform	ug/g	<0.040	<0.040	7415909	<0.040	0.040	0.040	7426870
Dibromochloromethane	ug/g	<0.040	<0.040	7415909	<0.040	0.040	0.040	7426870
1,2-Dichlorobenzene	ug/g	<0.040	<0.040	7415909	<0.040	0.040	0.040	7426870
1,3-Dichlorobenzene	ug/g	<0.040	<0.040	7415909	<0.040	0.040	0.040	7426870
1,4-Dichlorobenzene	ug/g	<0.040	<0.040	7415909	<0.040	0.040	0.040	7426870
Dichlorodifluoromethane (FREON 12)	ug/g	<0.040	<0.040	7415909	<0.040	0.040	0.050	7426870
1,1-Dichloroethane	ug/g	<0.040	<0.040	7415909	<0.040	0.040	0.040	7426870
1,2-Dichloroethane	ug/g	<0.049	<0.049	7415909	<0.049	0.049	0.040	7426870
1,1-Dichloroethylene	ug/g	<0.040	<0.040	7415909	<0.040	0.040	0.040	7426870
cis-1,2-Dichloroethylene	ug/g	<0.040	<0.040	7415909	<0.040	0.040	0.040	7426870
trans-1,2-Dichloroethylene	ug/g	<0.040	<0.040	7415909	<0.040	0.040	0.040	7426870
1,2-Dichloropropane	ug/g	<0.040	<0.040	7415909	<0.040	0.040	0.040	7426870
cis-1,3-Dichloropropene	ug/g	<0.030	<0.030	7415909	<0.030	0.030	0.030	7426870
trans-1,3-Dichloropropene	ug/g	<0.040	<0.040	7415909	<0.040	0.040	0.040	7426870
Ethylbenzene	ug/g	<0.010	<0.010	7415909	<0.010	0.010	0.010	7426870
Ethylene Dibromide	ug/g	<0.040	<0.040	7415909	<0.040	0.040	0.040	7426870
Hexane	ug/g	<0.040	<0.040	7415909	<0.040	0.040	0.040	7426870
Methylene Chloride(Dichloromethane)	ug/g	<0.049	<0.049	7415909	<0.049	0.049	0.049	7426870
Methyl Ethyl Ketone (2-Butanone)	ug/g	<0.40	<0.40	7415909	<0.40	0.40	0.40	7426870
Methyl Isobutyl Ketone	ug/g	<0.40	<0.40	7415909	<0.40	0.40	0.40	7426870
RDL = Reportable Detection Limit								
QC Batch = Quality Control Batch								



O.REG 153 VOCs BY HS (SOIL)

BV Labs ID		PVX638	PVX641		PVX643			
Sampling Date		2021/06/16 09:22	2021/06/16		2021/06/16 09:36			
COC Number		831305-01-01	831305-01-01		831305-01-01			
	UNITS	MW21-13 S6	DUP1-160621	QC Batch	MW21-13 S8	RDL	MDL	QC Batch
Methyl t-butyl ether (MTBE)	ug/g	<0.040	<0.040	7415909	<0.040	0.040	0.040	7426870
Styrene	ug/g	<0.040	<0.040	7415909	<0.040	0.040	0.040	7426870
1,1,1,2-Tetrachloroethane	ug/g	<0.040	<0.040	7415909	<0.040	0.040	0.040	7426870
1,1,2,2-Tetrachloroethane	ug/g	<0.040	<0.040	7415909	<0.040	0.040	0.040	7426870
Tetrachloroethylene	ug/g	0.85	1.3	7415909	<0.040	0.040	0.040	7426870
Toluene	ug/g	<0.020	<0.020	7415909	<0.020	0.020	0.020	7426870
1,1,1-Trichloroethane	ug/g	<0.040	<0.040	7415909	<0.040	0.040	0.040	7426870
1,1,2-Trichloroethane	ug/g	<0.040	<0.040	7415909	<0.040	0.040	0.040	7426870
Trichloroethylene	ug/g	<0.010	<0.010	7415909	<0.010	0.010	0.010	7426870
Trichlorofluoromethane (FREON 11)	ug/g	<0.040	<0.040	7415909	<0.040	0.040	0.040	7426870
Vinyl Chloride	ug/g	<0.019	<0.019	7415909	<0.019	0.019	0.019	7426870
p+m-Xylene	ug/g	<0.020	<0.020	7415909	<0.020	0.020	0.020	7426870
o-Xylene	ug/g	<0.020	<0.020	7415909	<0.020	0.020	0.020	7426870
Total Xylenes	ug/g	<0.020	<0.020	7415909	<0.020	0.020	0.020	7426870
Surrogate Recovery (%)								
4-Bromofluorobenzene	%	93	92	7415909	98			7426870
D10-o-Xylene	%	93	89	7415909	91			7426870
D4-1,2-Dichloroethane	%	108	109	7415909	107			7426870
D8-Toluene	%	95	93	7415909	100			7426870
RDL = Reportable Detection Limit QC Batch = Quality Control Batch								



O.REG 153 VOCs BY HS (SOIL)

BV Labs ID		PVX643			
Sampling Date		2021/06/16 09:36			
COC Number		831305-01-01			
	UNITS	MW21-13 S8 Lab-Dup	RDL	MDL	QC Batch
Volatile Organics					
Acetone (2-Propanone)	ug/g	<0.49	0.49	0.49	7426870
Benzene	ug/g	0.013	0.0060	0.0060	7426870
Bromodichloromethane	ug/g	<0.040	0.040	0.040	7426870
Bromoform	ug/g	<0.040	0.040	0.040	7426870
Bromomethane	ug/g	<0.040	0.040	0.040	7426870
Carbon Tetrachloride	ug/g	<0.040	0.040	0.040	7426870
Chlorobenzene	ug/g	<0.040	0.040	0.040	7426870
Chloroform	ug/g	<0.040	0.040	0.040	7426870
Dibromochloromethane	ug/g	<0.040	0.040	0.040	7426870
1,2-Dichlorobenzene	ug/g	<0.040	0.040	0.040	7426870
1,3-Dichlorobenzene	ug/g	<0.040	0.040	0.040	7426870
1,4-Dichlorobenzene	ug/g	<0.040	0.040	0.040	7426870
Dichlorodifluoromethane (FREON 12)	ug/g	<0.040	0.040	0.050	7426870
1,1-Dichloroethane	ug/g	<0.040	0.040	0.040	7426870
1,2-Dichloroethane	ug/g	<0.049	0.049	0.040	7426870
1,1-Dichloroethylene	ug/g	<0.040	0.040	0.040	7426870
cis-1,2-Dichloroethylene	ug/g	<0.040	0.040	0.040	7426870
trans-1,2-Dichloroethylene	ug/g	<0.040	0.040	0.040	7426870
1,2-Dichloropropane	ug/g	<0.040	0.040	0.040	7426870
cis-1,3-Dichloropropene	ug/g	<0.030	0.030	0.030	7426870
trans-1,3-Dichloropropene	ug/g	<0.040	0.040	0.040	7426870
Ethylbenzene	ug/g	<0.010	0.010	0.010	7426870
Ethylene Dibromide	ug/g	<0.040	0.040	0.040	7426870
Hexane	ug/g	<0.040	0.040	0.040	7426870
Methylene Chloride(Dichloromethane)	ug/g	<0.049	0.049	0.049	7426870
Methyl Ethyl Ketone (2-Butanone)	ug/g	<0.40	0.40	0.40	7426870
Methyl Isobutyl Ketone	ug/g	<0.40	0.40	0.40	7426870
Methyl t-butyl ether (MTBE)	ug/g	<0.040	0.040	0.040	7426870
RDL = Reportable Detection Limit QC Batch = Quality Control Batch Lab-Dup = Laboratory Initiated Duplicate					



O.REG 153 VOCs BY HS (SOIL)

BV Labs ID		PVX643			
Sampling Date		2021/06/16 09:36			
COC Number		831305-01-01			
	UNITS	MW21-13 S8 Lab-Dup	RDL	MDL	QC Batch
Styrene	ug/g	<0.040	0.040	0.040	7426870
1,1,1,2-Tetrachloroethane	ug/g	<0.040	0.040	0.040	7426870
1,1,2,2-Tetrachloroethane	ug/g	<0.040	0.040	0.040	7426870
Tetrachloroethylene	ug/g	<0.040	0.040	0.040	7426870
Toluene	ug/g	<0.020	0.020	0.020	7426870
1,1,1-Trichloroethane	ug/g	<0.040	0.040	0.040	7426870
1,1,2-Trichloroethane	ug/g	<0.040	0.040	0.040	7426870
Trichloroethylene	ug/g	<0.010	0.010	0.010	7426870
Trichlorofluoromethane (FREON 11)	ug/g	<0.040	0.040	0.040	7426870
Vinyl Chloride	ug/g	<0.019	0.019	0.019	7426870
p+m-Xylene	ug/g	<0.020	0.020	0.020	7426870
o-Xylene	ug/g	<0.020	0.020	0.020	7426870
Total Xylenes	ug/g	<0.020	0.020	0.020	7426870
Surrogate Recovery (%)					
4-Bromofluorobenzene	%	93			7426870
D10-o-Xylene	%	87			7426870
D4-1,2-Dichloroethane	%	106			7426870
D8-Toluene	%	95			7426870
RDL = Reportable Detection Limit QC Batch = Quality Control Batch Lab-Dup = Laboratory Initiated Duplicate					



BUREAU
VERITAS

BV Labs Job #: C1G6002

Report Date: 2021/06/28

Pinchin Ltd

Client Project #: 294348

Sampler Initials: SP

PETROLEUM HYDROCARBONS (CCME)

BV Labs ID		PVX639			
Sampling Date		2021/06/16 10:55			
COC Number		831305-01-01			
	UNITS	MW21-14 S1	RDL	MDL	QC Batch
F2-F4 Hydrocarbons					
F4G-sg (Grav. Heavy Hydrocarbons)	ug/g	740	100	100	7421447
RDL = Reportable Detection Limit					
QC Batch = Quality Control Batch					



BV Labs Job #: C1G6002
Report Date: 2021/06/28

Pinchin Ltd
Client Project #: 294348
Sampler Initials: SP

TEST SUMMARY

BV Labs ID: PVX638
Sample ID: MW21-13 S6
Matrix: Soil

Collected: 2021/06/16
Shipped:
Received: 2021/06/16

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
1,3-Dichloropropene Sum	CALC	7413231	N/A	2021/06/21	Automated Statchk
Moisture	BAL	7414343	N/A	2021/06/17	Paramvir Singh Cheema
Volatile Organic Compounds in Soil	GC/MS	7415909	N/A	2021/06/20	Juan Pangilinan

BV Labs ID: PVX639
Sample ID: MW21-14 S1
Matrix: Soil

Collected: 2021/06/16
Shipped:
Received: 2021/06/16

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Methylnaphthalene Sum	CALC	7413229	N/A	2021/06/21	Automated Statchk
Hot Water Extractable Boron	ICP	7416373	2021/06/18	2021/06/18	Archana Patel
Free (WAD) Cyanide	TECH	7419110	2021/06/21	2021/06/21	Aditiben Patel
Conductivity	AT	7419071	2021/06/21	2021/06/21	Khushbu Vijay kumar Patel
Hexavalent Chromium in Soil by IC	IC/SPEC	7416186	2021/06/18	2021/06/21	Rupinder Sihota
Petroleum Hydro. CCME F1 & BTEX in Soil	HSGC/MSFD	7418099	N/A	2021/06/20	Lincoln Ramdahin
Petroleum Hydrocarbons F2-F4 in Soil	GC/FID	7416943	2021/06/18	2021/06/19	Anna Stuglik Rolland
F4G (CCME Hydrocarbons Gravimetric)	BAL	7421447	2021/06/22	2021/06/22	Rashmi Dubey
Acid Extractable Metals by ICPMS	ICP/MS	7416200	2021/06/18	2021/06/21	Daniel Teclu
Moisture	BAL	7414343	N/A	2021/06/17	Paramvir Singh Cheema
PAH Compounds in Soil by GC/MS (SIM)	GC/MS	7416989	2021/06/18	2021/06/19	Jonghan Yoon
Sodium Adsorption Ratio (SAR)	CALC/MET	7413376	N/A	2021/06/21	Automated Statchk

BV Labs ID: PVX640
Sample ID: MW21-14 S6
Matrix: Soil

Collected: 2021/06/16
Shipped:
Received: 2021/06/16

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Methylnaphthalene Sum	CALC	7413229	N/A	2021/06/21	Automated Statchk
1,3-Dichloropropene Sum	CALC	7413231	N/A	2021/06/21	Automated Statchk
Petroleum Hydrocarbons F2-F4 in Soil	GC/FID	7416943	2021/06/18	2021/06/19	Anna Stuglik Rolland
Moisture	BAL	7414248	N/A	2021/06/17	Gurpreet Kaur (ONT)
PAH Compounds in Soil by GC/MS (SIM)	GC/MS	7416989	2021/06/18	2021/06/19	Jonghan Yoon
Volatile Organic Compounds and F1 PHCs	GC/MSFD	7415856	N/A	2021/06/19	Xueming Jiang

BV Labs ID: PVX641
Sample ID: DUP1-160621
Matrix: Soil

Collected: 2021/06/16
Shipped:
Received: 2021/06/16

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
1,3-Dichloropropene Sum	CALC	7413231	N/A	2021/06/21	Automated Statchk
Moisture	BAL	7414343	N/A	2021/06/17	Paramvir Singh Cheema
Volatile Organic Compounds in Soil	GC/MS	7415909	N/A	2021/06/20	Juan Pangilinan



BV Labs Job #: C1G6002
Report Date: 2021/06/28

Pinchin Ltd
Client Project #: 294348
Sampler Initials: SP

TEST SUMMARY

BV Labs ID: PVX642
Sample ID: DUP2-160621
Matrix: Soil

Collected: 2021/06/16
Shipped:
Received: 2021/06/16

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Methylnaphthalene Sum	CALC	7413229	N/A	2021/06/21	Automated Statchk
1,3-Dichloropropene Sum	CALC	7413231	N/A	2021/06/21	Automated Statchk
Petroleum Hydrocarbons F2-F4 in Soil	GC/FID	7416943	2021/06/18	2021/06/19	Anna Stuglik Rolland
Moisture	BAL	7414248	N/A	2021/06/17	Gurpreet Kaur (ONT)
PAH Compounds in Soil by GC/MS (SIM)	GC/MS	7416989	2021/06/18	2021/06/19	Jonghan Yoon
Volatile Organic Compounds and F1 PHCs	GC/MSFD	7415856	N/A	2021/06/19	Xueming Jiang

BV Labs ID: PVX643
Sample ID: MW21-13 S8
Matrix: Soil

Collected: 2021/06/16
Shipped:
Received: 2021/06/16

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
1,3-Dichloropropene Sum	CALC	7424546	N/A	2021/06/28	Automated Statchk
Moisture	BAL	7424672	N/A	2021/06/23	Gurpreet Kaur (ONT)
Volatile Organic Compounds in Soil	GC/MS	7426870	N/A	2021/06/25	Chandni Khawas

BV Labs ID: PVX643 Dup
Sample ID: MW21-13 S8
Matrix: Soil

Collected: 2021/06/16
Shipped:
Received: 2021/06/16

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Volatile Organic Compounds in Soil	GC/MS	7426870	N/A	2021/06/25	Chandni Khawas



GENERAL COMMENTS

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

Package 1	7.3°C
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Cooler custody seal was present and intact.

Revised Report (2021/06/28): VOC analysis included for sample MW21-13-S8 as per client request .

Sample PVX639 [MW21-14 S1] : PAH analysis: Due to the sample matrix, sample required dilution. Detection limits were adjusted accordingly.

Results relate only to the items tested.

BUREAU
VERITAS

BV Labs Job #: C1G6002

Report Date: 2021/06/28

QUALITY ASSURANCE REPORT

Pinchin Ltd

Client Project #: 294348

Sampler Initials: SP

QC Batch	Parameter	Date	Matrix Spike		SPIKED BLANK		Method Blank		RPD	
			% Recovery	QC Limits	% Recovery	QC Limits	Value	UNITS	Value (%)	QC Limits
7415856	4-Bromofluorobenzene	2021/06/19	100	60 - 140	102	60 - 140	95	%		
7415856	D10-o-Xylene	2021/06/19	80	60 - 130	94	60 - 130	79	%		
7415856	D4-1,2-Dichloroethane	2021/06/19	92	60 - 140	94	60 - 140	93	%		
7415856	D8-Toluene	2021/06/19	104	60 - 140	104	60 - 140	100	%		
7415909	4-Bromofluorobenzene	2021/06/20	100	60 - 140	101	60 - 140	95	%		
7415909	D10-o-Xylene	2021/06/20	99	60 - 130	101	60 - 130	95	%		
7415909	D4-1,2-Dichloroethane	2021/06/20	101	60 - 140	110	60 - 140	118	%		
7415909	D8-Toluene	2021/06/20	108	60 - 140	106	60 - 140	92	%		
7416943	o-Terphenyl	2021/06/18	85	60 - 130	89	60 - 130	90	%		
7416989	D10-Anthracene	2021/06/19	90	50 - 130	94	50 - 130	92	%		
7416989	D14-Terphenyl (FS)	2021/06/19	92	50 - 130	94	50 - 130	90	%		
7416989	D8-Acenaphthylene	2021/06/19	85	50 - 130	94	50 - 130	91	%		
7418099	1,4-Difluorobenzene	2021/06/20	98	60 - 140	97	60 - 140	102	%		
7418099	4-Bromofluorobenzene	2021/06/20	99	60 - 140	100	60 - 140	93	%		
7418099	D10-o-Xylene	2021/06/20	102	60 - 140	96	60 - 140	92	%		
7418099	D4-1,2-Dichloroethane	2021/06/20	94	60 - 140	92	60 - 140	96	%		
7426870	4-Bromofluorobenzene	2021/06/25	109	60 - 140	105	60 - 140	94	%		
7426870	D10-o-Xylene	2021/06/25	96	60 - 130	93	60 - 130	84	%		
7426870	D4-1,2-Dichloroethane	2021/06/25	100	60 - 140	104	60 - 140	122	%		
7426870	D8-Toluene	2021/06/25	111	60 - 140	115	60 - 140	88	%		
7414248	Moisture	2021/06/17							2.6	20
7414343	Moisture	2021/06/17							0.70	20
7415856	1,1,1,2-Tetrachloroethane	2021/06/19	101	60 - 140	101	60 - 130	<0.050	ug/g	NC	50
7415856	1,1,1-Trichloroethane	2021/06/19	96	60 - 140	95	60 - 130	<0.050	ug/g	NC	50
7415856	1,1,2,2-Tetrachloroethane	2021/06/19	94	60 - 140	97	60 - 130	<0.050	ug/g	NC	50
7415856	1,1,2-Trichloroethane	2021/06/19	91	60 - 140	92	60 - 130	<0.050	ug/g	NC	50
7415856	1,1-Dichloroethane	2021/06/19	95	60 - 140	94	60 - 130	<0.050	ug/g	NC	50
7415856	1,1-Dichloroethylene	2021/06/19	90	60 - 140	88	60 - 130	<0.050	ug/g	NC	50
7415856	1,2-Dichlorobenzene	2021/06/19	99	60 - 140	98	60 - 130	<0.050	ug/g	NC	50
7415856	1,2-Dichloroethane	2021/06/19	85	60 - 140	86	60 - 130	<0.050	ug/g	NC	50
7415856	1,2-Dichloropropane	2021/06/19	97	60 - 140	98	60 - 130	<0.050	ug/g	NC	50

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			% Recovery	QC Limits	% Recovery	QC Limits	Value	UNITS	Value (%)	QC Limits
7415856	1,3-Dichlorobenzene	2021/06/19	102	60 - 140	100	60 - 130	<0.050	ug/g	NC	50
7415856	1,4-Dichlorobenzene	2021/06/19	121	60 - 140	120	60 - 130	<0.050	ug/g	NC	50
7415856	Acetone (2-Propanone)	2021/06/19	81	60 - 140	81	60 - 140	<0.50	ug/g	NC	50
7415856	Benzene	2021/06/19	96	60 - 140	94	60 - 130	<0.020	ug/g	NC	50
7415856	Bromodichloromethane	2021/06/19	94	60 - 140	94	60 - 130	<0.050	ug/g	NC	50
7415856	Bromoform	2021/06/19	99	60 - 140	101	60 - 130	<0.050	ug/g	NC	50
7415856	Bromomethane	2021/06/19	97	60 - 140	95	60 - 140	<0.050	ug/g	NC	50
7415856	Carbon Tetrachloride	2021/06/19	93	60 - 140	91	60 - 130	<0.050	ug/g	NC	50
7415856	Chlorobenzene	2021/06/19	97	60 - 140	97	60 - 130	<0.050	ug/g	NC	50
7415856	Chloroform	2021/06/19	94	60 - 140	93	60 - 130	<0.050	ug/g	NC	50
7415856	cis-1,2-Dichloroethylene	2021/06/19	100	60 - 140	99	60 - 130	<0.050	ug/g	NC	50
7415856	cis-1,3-Dichloropropene	2021/06/19	89	60 - 140	90	60 - 130	<0.030	ug/g	NC	50
7415856	Dibromochloromethane	2021/06/19	96	60 - 140	97	60 - 130	<0.050	ug/g	NC	50
7415856	Dichlorodifluoromethane (FREON 12)	2021/06/19	88	60 - 140	83	60 - 140	<0.050	ug/g	NC	50
7415856	Ethylbenzene	2021/06/19	86	60 - 140	86	60 - 130	<0.020	ug/g	NC	50
7415856	Ethylene Dibromide	2021/06/19	94	60 - 140	97	60 - 130	<0.050	ug/g	NC	50
7415856	F1 (C6-C10) - BTEX	2021/06/19					<10	ug/g	NC	30
7415856	F1 (C6-C10)	2021/06/19	76	60 - 140	84	80 - 120	<10	ug/g	NC	30
7415856	Hexane	2021/06/19	96	60 - 140	95	60 - 130	<0.050	ug/g	NC	50
7415856	Methyl Ethyl Ketone (2-Butanone)	2021/06/19	90	60 - 140	92	60 - 140	<0.50	ug/g	NC	50
7415856	Methyl Isobutyl Ketone	2021/06/19	80	60 - 140	85	60 - 130	<0.50	ug/g	NC	50
7415856	Methyl t-butyl ether (MTBE)	2021/06/19	82	60 - 140	83	60 - 130	<0.050	ug/g	NC	50
7415856	Methylene Chloride(Dichloromethane)	2021/06/19	99	60 - 140	98	60 - 130	<0.050	ug/g	NC	50
7415856	o-Xylene	2021/06/19	87	60 - 140	88	60 - 130	<0.020	ug/g	NC	50
7415856	p+m-Xylene	2021/06/19	89	60 - 140	89	60 - 130	<0.020	ug/g	NC	50
7415856	Styrene	2021/06/19	100	60 - 140	101	60 - 130	<0.050	ug/g	NC	50
7415856	Tetrachloroethylene	2021/06/19	102	60 - 140	100	60 - 130	<0.050	ug/g	NC	50
7415856	Toluene	2021/06/19	92	60 - 140	91	60 - 130	<0.020	ug/g	NC	50
7415856	Total Xylenes	2021/06/19					<0.020	ug/g	NC	50
7415856	trans-1,2-Dichloroethylene	2021/06/19	103	60 - 140	100	60 - 130	<0.050	ug/g	NC	50
7415856	trans-1,3-Dichloropropene	2021/06/19	96	60 - 140	98	60 - 130	<0.040	ug/g	NC	50

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			% Recovery	QC Limits	% Recovery	QC Limits	Value	UNITS	Value (%)	QC Limits
7415856	Trichloroethylene	2021/06/19	107	60 - 140	105	60 - 130	<0.050	ug/g	NC	50
7415856	Trichlorofluoromethane (FREON 11)	2021/06/19	91	60 - 140	87	60 - 130	<0.050	ug/g	NC	50
7415856	Vinyl Chloride	2021/06/19	100	60 - 140	97	60 - 130	<0.020	ug/g	NC	50
7415909	1,1,1,2-Tetrachloroethane	2021/06/20	104	60 - 140	104	60 - 130	<0.040	ug/g	NC	50
7415909	1,1,1-Trichloroethane	2021/06/20	109	60 - 140	105	60 - 130	<0.040	ug/g	NC	50
7415909	1,1,2,2-Tetrachloroethane	2021/06/20	94	60 - 140	103	60 - 130	<0.040	ug/g	NC	50
7415909	1,1,2-Trichloroethane	2021/06/20	106	60 - 140	111	60 - 130	<0.040	ug/g	NC	50
7415909	1,1-Dichloroethane	2021/06/20	100	60 - 140	100	60 - 130	<0.040	ug/g	NC	50
7415909	1,1-Dichloroethylene	2021/06/20	99	60 - 140	93	60 - 130	<0.040	ug/g	NC	50
7415909	1,2-Dichlorobenzene	2021/06/20	97	60 - 140	96	60 - 130	<0.040	ug/g	NC	50
7415909	1,2-Dichloroethane	2021/06/20	97	60 - 140	102	60 - 130	<0.049	ug/g	NC	50
7415909	1,2-Dichloropropane	2021/06/20	102	60 - 140	103	60 - 130	<0.040	ug/g	NC	50
7415909	1,3-Dichlorobenzene	2021/06/20	97	60 - 140	92	60 - 130	<0.040	ug/g	NC	50
7415909	1,4-Dichlorobenzene	2021/06/20	112	60 - 140	106	60 - 130	<0.040	ug/g	NC	50
7415909	Acetone (2-Propanone)	2021/06/20	99	60 - 140	111	60 - 140	<0.49	ug/g	NC	50
7415909	Benzene	2021/06/20	95	60 - 140	94	60 - 130	<0.0060	ug/g	NC	50
7415909	Bromodichloromethane	2021/06/20	105	60 - 140	108	60 - 130	<0.040	ug/g	NC	50
7415909	Bromoform	2021/06/20	94	60 - 140	103	60 - 130	<0.040	ug/g	NC	50
7415909	Bromomethane	2021/06/20	91	60 - 140	90	60 - 140	<0.040	ug/g	NC	50
7415909	Carbon Tetrachloride	2021/06/20	106	60 - 140	102	60 - 130	<0.040	ug/g	NC	50
7415909	Chlorobenzene	2021/06/20	97	60 - 140	96	60 - 130	<0.040	ug/g	NC	50
7415909	Chloroform	2021/06/20	104	60 - 140	105	60 - 130	<0.040	ug/g	NC	50
7415909	cis-1,2-Dichloroethylene	2021/06/20	101	60 - 140	102	60 - 130	<0.040	ug/g	NC	50
7415909	cis-1,3-Dichloropropene	2021/06/20	93	60 - 140	95	60 - 130	<0.030	ug/g	NC	50
7415909	Dibromochloromethane	2021/06/20	96	60 - 140	101	60 - 130	<0.040	ug/g	NC	50
7415909	Dichlorodifluoromethane (FREON 12)	2021/06/20	83	60 - 140	80	60 - 140	<0.040	ug/g	NC	50
7415909	Ethylbenzene	2021/06/20	90	60 - 140	85	60 - 130	<0.010	ug/g	NC	50
7415909	Ethylene Dibromide	2021/06/20	93	60 - 140	99	60 - 130	<0.040	ug/g	NC	50
7415909	Hexane	2021/06/20	105	60 - 140	97	60 - 130	<0.040	ug/g	NC	50
7415909	Methyl Ethyl Ketone (2-Butanone)	2021/06/20	102	60 - 140	117	60 - 140	<0.40	ug/g	NC	50
7415909	Methyl Isobutyl Ketone	2021/06/20	101	60 - 140	116	60 - 130	<0.40	ug/g	NC	50

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			% Recovery	QC Limits	% Recovery	QC Limits	Value	UNITS	Value (%)	QC Limits
7415909	Methyl t-butyl ether (MTBE)	2021/06/20	89	60 - 140	90	60 - 130	<0.040	ug/g	NC	50
7415909	Methylene Chloride(Dichloromethane)	2021/06/20	109	60 - 140	111	60 - 130	<0.049	ug/g	NC	50
7415909	o-Xylene	2021/06/20	90	60 - 140	87	60 - 130	<0.020	ug/g	NC	50
7415909	p+m-Xylene	2021/06/20	94	60 - 140	88	60 - 130	<0.020	ug/g	NC	50
7415909	Styrene	2021/06/20	108	60 - 140	106	60 - 130	<0.040	ug/g	NC	50
7415909	Tetrachloroethylene	2021/06/20	98	60 - 140	93	60 - 130	<0.040	ug/g	NC	50
7415909	Toluene	2021/06/20	98	60 - 140	95	60 - 130	<0.020	ug/g	NC	50
7415909	Total Xylenes	2021/06/20					<0.020	ug/g	NC	50
7415909	trans-1,2-Dichloroethylene	2021/06/20	104	60 - 140	100	60 - 130	<0.040	ug/g	NC	50
7415909	trans-1,3-Dichloropropene	2021/06/20	104	60 - 140	106	60 - 130	<0.040	ug/g	NC	50
7415909	Trichloroethylene	2021/06/20	107	60 - 140	103	60 - 130	<0.010	ug/g	NC	50
7415909	Trichlorofluoromethane (FREON 11)	2021/06/20	99	60 - 140	94	60 - 130	<0.040	ug/g	NC	50
7415909	Vinyl Chloride	2021/06/20	92	60 - 140	90	60 - 130	<0.019	ug/g	NC	50
7416186	Chromium (VI)	2021/06/21	77	70 - 130	87	80 - 120	<0.18	ug/g	NC	35
7416200	Acid Extractable Antimony (Sb)	2021/06/21	68 (1)	75 - 125	99	80 - 120	<0.20	ug/g	NC	30
7416200	Acid Extractable Arsenic (As)	2021/06/21	91	75 - 125	95	80 - 120	<1.0	ug/g	22	30
7416200	Acid Extractable Barium (Ba)	2021/06/21	NC	75 - 125	99	80 - 120	<0.50	ug/g	2.3	30
7416200	Acid Extractable Beryllium (Be)	2021/06/21	100	75 - 125	95	80 - 120	<0.20	ug/g	6.8	30
7416200	Acid Extractable Boron (B)	2021/06/21	93	75 - 125	93	80 - 120	<5.0	ug/g	4.3	30
7416200	Acid Extractable Cadmium (Cd)	2021/06/21	93	75 - 125	98	80 - 120	<0.10	ug/g	1.6	30
7416200	Acid Extractable Chromium (Cr)	2021/06/21	NC	75 - 125	100	80 - 120	<1.0	ug/g	0.23	30
7416200	Acid Extractable Cobalt (Co)	2021/06/21	102	75 - 125	100	80 - 120	<0.10	ug/g	1.6	30
7416200	Acid Extractable Copper (Cu)	2021/06/21	NC	75 - 125	96	80 - 120	<0.50	ug/g	1.9	30
7416200	Acid Extractable Lead (Pb)	2021/06/21	97	75 - 125	99	80 - 120	<1.0	ug/g	3.0	30
7416200	Acid Extractable Mercury (Hg)	2021/06/21	85	75 - 125	83	80 - 120	<0.050	ug/g		
7416200	Acid Extractable Molybdenum (Mo)	2021/06/21	93	75 - 125	96	80 - 120	<0.50	ug/g	7.4	30
7416200	Acid Extractable Nickel (Ni)	2021/06/21	NC	75 - 125	99	80 - 120	<0.50	ug/g	0.073	30
7416200	Acid Extractable Selenium (Se)	2021/06/21	96	75 - 125	102	80 - 120	<0.50	ug/g	NC	30
7416200	Acid Extractable Silver (Ag)	2021/06/21	96	75 - 125	99	80 - 120	<0.20	ug/g	6.2	30
7416200	Acid Extractable Thallium (Tl)	2021/06/21	95	75 - 125	99	80 - 120	<0.050	ug/g	9.6	30
7416200	Acid Extractable Uranium (U)	2021/06/21	102	75 - 125	103	80 - 120	<0.050	ug/g	0.90	30

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			% Recovery	QC Limits	% Recovery	QC Limits	Value	UNITS	Value (%)	QC Limits
7416200	Acid Extractable Vanadium (V)	2021/06/21	NC	75 - 125	99	80 - 120	<5.0	ug/g	1.8	30
7416200	Acid Extractable Zinc (Zn)	2021/06/21	NC	75 - 125	101	80 - 120	<5.0	ug/g	0.79	30
7416373	Hot Water Ext. Boron (B)	2021/06/18	104	75 - 125	103	75 - 125	<0.050	ug/g	3.8	40
7416943	F2 (C10-C16 Hydrocarbons)	2021/06/19	97	50 - 130	98	80 - 120	<10	ug/g	NC	30
7416943	F3 (C16-C34 Hydrocarbons)	2021/06/19	93	50 - 130	96	80 - 120	<50	ug/g	NC	30
7416943	F4 (C34-C50 Hydrocarbons)	2021/06/19	93	50 - 130	95	80 - 120	<50	ug/g	NC	30
7416989	1-Methylnaphthalene	2021/06/19	81	50 - 130	81	50 - 130	<0.0050	ug/g	NC	40
7416989	2-Methylnaphthalene	2021/06/19	79	50 - 130	80	50 - 130	<0.0050	ug/g	NC	40
7416989	Acenaphthene	2021/06/19	93	50 - 130	93	50 - 130	<0.0050	ug/g	NC	40
7416989	Acenaphthylene	2021/06/19	84	50 - 130	86	50 - 130	<0.0050	ug/g	NC	40
7416989	Anthracene	2021/06/19	91	50 - 130	92	50 - 130	<0.0050	ug/g	NC	40
7416989	Benzo(a)anthracene	2021/06/19	98	50 - 130	100	50 - 130	<0.0050	ug/g	NC	40
7416989	Benzo(a)pyrene	2021/06/19	86	50 - 130	89	50 - 130	<0.0050	ug/g	NC	40
7416989	Benzo(b/j)fluoranthene	2021/06/19	96	50 - 130	93	50 - 130	<0.0050	ug/g	NC	40
7416989	Benzo(g,h,i)perylene	2021/06/19	133 (2)	50 - 130	104	50 - 130	<0.0050	ug/g	NC	40
7416989	Benzo(k)fluoranthene	2021/06/19	98	50 - 130	92	50 - 130	<0.0050	ug/g	NC	40
7416989	Chrysene	2021/06/19	98	50 - 130	100	50 - 130	<0.0050	ug/g	NC	40
7416989	Dibenzo(a,h)anthracene	2021/06/19	129	50 - 130	102	50 - 130	<0.0050	ug/g	NC	40
7416989	Fluoranthene	2021/06/19	99	50 - 130	100	50 - 130	<0.0050	ug/g	NC	40
7416989	Fluorene	2021/06/19	90	50 - 130	90	50 - 130	<0.0050	ug/g	NC	40
7416989	Indeno(1,2,3-cd)pyrene	2021/06/19	138 (2)	50 - 130	109	50 - 130	<0.0050	ug/g	NC	40
7416989	Naphthalene	2021/06/19	81	50 - 130	85	50 - 130	<0.0050	ug/g	NC	40
7416989	Phenanthrene	2021/06/19	93	50 - 130	94	50 - 130	<0.0050	ug/g	NC	40
7416989	Pyrene	2021/06/19	96	50 - 130	97	50 - 130	<0.0050	ug/g	NC	40
7418099	Benzene	2021/06/20	104	50 - 140	96	50 - 140	<0.020	ug/g	NC	50
7418099	Ethylbenzene	2021/06/20	116	50 - 140	109	50 - 140	<0.020	ug/g	NC	50
7418099	F1 (C6-C10) - BTEX	2021/06/20					<10	ug/g	NC	30
7418099	F1 (C6-C10)	2021/06/20	86	60 - 140	84	80 - 120	<10	ug/g	NC	30
7418099	o-Xylene	2021/06/20	113	50 - 140	106	50 - 140	<0.020	ug/g	NC	50
7418099	p+m-Xylene	2021/06/20	126	50 - 140	119	50 - 140	<0.040	ug/g	NC	50
7418099	Toluene	2021/06/20	111	50 - 140	104	50 - 140	<0.020	ug/g	NC	50

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			% Recovery	QC Limits	% Recovery	QC Limits	Value	UNITS	Value (%)	QC Limits
7418099	Total Xylenes	2021/06/20					<0.040	ug/g	NC	50
7419071	Conductivity	2021/06/21			100	90 - 110	<0.002	mS/cm	4.6	10
7419110	WAD Cyanide (Free)	2021/06/21	106	75 - 125	98	80 - 120	<0.01	ug/g	NC	35
7421447	F4G-sg (Grav. Heavy Hydrocarbons)	2021/06/22	97	65 - 135	102	65 - 135	<100	ug/g	8.0	50
7424672	Moisture	2021/06/23							4.8	20
7426870	1,1,1,2-Tetrachloroethane	2021/06/25	92	60 - 140	92	60 - 130	<0.040	ug/g	NC	50
7426870	1,1,1-Trichloroethane	2021/06/25	91	60 - 140	93	60 - 130	<0.040	ug/g	NC	50
7426870	1,1,2,2-Tetrachloroethane	2021/06/25	97	60 - 140	93	60 - 130	<0.040	ug/g	NC	50
7426870	1,1,2-Trichloroethane	2021/06/25	96	60 - 140	98	60 - 130	<0.040	ug/g	NC	50
7426870	1,1-Dichloroethane	2021/06/25	85	60 - 140	93	60 - 130	<0.040	ug/g	NC	50
7426870	1,1-Dichloroethylene	2021/06/25	96	60 - 140	93	60 - 130	<0.040	ug/g	NC	50
7426870	1,2-Dichlorobenzene	2021/06/25	86	60 - 140	87	60 - 130	<0.040	ug/g	NC	50
7426870	1,2-Dichloroethane	2021/06/25	88	60 - 140	88	60 - 130	<0.049	ug/g	NC	50
7426870	1,2-Dichloropropane	2021/06/25	90	60 - 140	92	60 - 130	<0.040	ug/g	NC	50
7426870	1,3-Dichlorobenzene	2021/06/25	85	60 - 140	86	60 - 130	<0.040	ug/g	NC	50
7426870	1,4-Dichlorobenzene	2021/06/25	98	60 - 140	100	60 - 130	<0.040	ug/g	NC	50
7426870	Acetone (2-Propanone)	2021/06/25	101	60 - 140	116	60 - 140	<0.49	ug/g	NC	50
7426870	Benzene	2021/06/25	84	60 - 140	85	60 - 130	<0.0060	ug/g	0	50
7426870	Bromodichloromethane	2021/06/25	92	60 - 140	102	60 - 130	<0.040	ug/g	NC	50
7426870	Bromoform	2021/06/25	92	60 - 140	93	60 - 130	<0.040	ug/g	NC	50
7426870	Bromomethane	2021/06/25	93	60 - 140	98	60 - 140	<0.040	ug/g	NC	50
7426870	Carbon Tetrachloride	2021/06/25	90	60 - 140	93	60 - 130	<0.040	ug/g	NC	50
7426870	Chlorobenzene	2021/06/25	89	60 - 140	89	60 - 130	<0.040	ug/g	NC	50
7426870	Chloroform	2021/06/25	88	60 - 140	92	60 - 130	<0.040	ug/g	NC	50
7426870	cis-1,2-Dichloroethylene	2021/06/25	90	60 - 140	96	60 - 130	<0.040	ug/g	NC	50
7426870	cis-1,3-Dichloropropene	2021/06/25	86	60 - 140	99	60 - 130	<0.030	ug/g	NC	50
7426870	Dibromochloromethane	2021/06/25	89	60 - 140	90	60 - 130	<0.040	ug/g	NC	50
7426870	Dichlorodifluoromethane (FREON 12)	2021/06/25	87	60 - 140	91	60 - 140	<0.040	ug/g	NC	50
7426870	Ethylbenzene	2021/06/25	83	60 - 140	81	60 - 130	<0.010	ug/g	NC	50
7426870	Ethylene Dibromide	2021/06/25	86	60 - 140	88	60 - 130	<0.040	ug/g	NC	50
7426870	Hexane	2021/06/25	97	60 - 140	101	60 - 130	<0.040	ug/g	NC	50

BUREAU
VERITAS

BV Labs Job #: C1G6002

Report Date: 2021/06/28

QUALITY ASSURANCE REPORT(CONT'D)

Pinchin Ltd

Client Project #: 294348

Sampler Initials: SP

QC Batch	Parameter	Date	Matrix Spike		SPIKED BLANK		Method Blank		RPD	
			% Recovery	QC Limits	% Recovery	QC Limits	Value	UNITS	Value (%)	QC Limits
7426870	Methyl Ethyl Ketone (2-Butanone)	2021/06/25	91	60 - 140	104	60 - 140	<0.40	ug/g	NC	50
7426870	Methyl Isobutyl Ketone	2021/06/25	92	60 - 140	112	60 - 130	<0.40	ug/g	NC	50
7426870	Methyl t-butyl ether (MTBE)	2021/06/25	83	60 - 140	87	60 - 130	<0.040	ug/g	NC	50
7426870	Methylene Chloride(Dichloromethane)	2021/06/25	103	60 - 140	111	60 - 130	<0.049	ug/g	NC	50
7426870	o-Xylene	2021/06/25	86	60 - 140	85	60 - 130	<0.020	ug/g	NC	50
7426870	p+m-Xylene	2021/06/25	89	60 - 140	86	60 - 130	<0.020	ug/g	NC	50
7426870	Styrene	2021/06/25	99	60 - 140	98	60 - 130	<0.040	ug/g	NC	50
7426870	Tetrachloroethylene	2021/06/25	87	60 - 140	86	60 - 130	<0.040	ug/g	NC	50
7426870	Toluene	2021/06/25	86	60 - 140	87	60 - 130	<0.020	ug/g	NC	50
7426870	Total Xylenes	2021/06/25					<0.020	ug/g	NC	50
7426870	trans-1,2-Dichloroethylene	2021/06/25	93	60 - 140	96	60 - 130	<0.040	ug/g	NC	50
7426870	trans-1,3-Dichloropropene	2021/06/25	99	60 - 140	104	60 - 130	<0.040	ug/g	NC	50
7426870	Trichloroethylene	2021/06/25	92	60 - 140	93	60 - 130	<0.010	ug/g	NC	50
7426870	Trichlorofluoromethane (FREON 11)	2021/06/25	93	60 - 140	98	60 - 130	<0.040	ug/g	NC	50
7426870	Vinyl Chloride	2021/06/25	94	60 - 140	98	60 - 130	<0.019	ug/g	NC	50

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

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

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

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

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

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

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

(1) Matrix Spike exceeds acceptance limits, sample inhomogeneity suspected.

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



FUNDAMENTAL LABORATORY ACCEPTANCE GUIDELINE

Invoice To:

Pinchin Ltd
ATTN: Accounts Payable
2470 Milltower Crt
Mississauga, ON
CANADA L5N 7W5
Client Contact:
Toby Glanville

BV Labs Job #:	C1G6002
Date Received:	2021/06/16
Your C.O.C. #:	831305-01-01
Your Project #:	294348
BV Labs Project Manager:	Antonella Brasil
Quote #:	A70927

No discrepancies noted.

Report Comments

Received Date:	<u>2021/06/16</u>	Time:	<u>17:13</u>	By:	_____
Inspected Date:	_____	Time:	_____	By:	_____
FLAG Created Date:	_____	Time:	_____	By:	_____



BUREAU
VERITAS

BV Labs Job #: C1G6002

Report Date: 2021/06/28

Pinchin Ltd

Client Project #: 294348

Sampler Initials: SP

VALIDATION SIGNATURE PAGE

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

Anastassia Hamanov, Scientific Specialist

BV Labs has procedures in place to guard against improper use of the electronic signature and have the required "signatories", as per ISO/IEC 17025, signing the reports. For Service Group specific validation please refer to the Validation Signature Page.



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

10-JUN-21 11:10

Page 1 of 1

Antonella Brasil



C1G6002

DSG ENV-1157

ly:

Bottle Order #:

831305

Project Manager:

Antonella Brasil

COC #:



C#831305-01-01

INVOICE TO:
Company Name: #3103 Pinchin Ltd
Attention: Accounts Payable
Address: 2470 Milltower Crt
Mississauga ON L5N 7W5
Tel: (905) 363-0678 Fax: (905) 363-0681
Email: ap@pinchin.com

REPORT TO:
Company Name: Toby Glanville
Attention: Toby Glanville
Address:
Tel: (905) 363-0678 Ext: 1313 Fax: (905) 363-0681
Email: tglanville@pinchin.com

PROJECT INFORMATION:
Quotation #: A70927
P.O. #:
Project: 294348
Project Name:
Site #: 1250 South Service Rd, Toronto
Sampled By: SP

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

Regulation 153 (2011)	Other Regulations	Special Instructions
☐ Table 1 ☒ Table 2 ☐ Table 3 ☐ Table	☒ Res/Park ☐ Medium/Fine ☐ CCME ☐ Reg 558 ☐ MISA ☐ PWQO ☐ Other	☐ Sanitary Sewer Bylaw ☐ Storm Sewer Bylaw ☐ Municipality ☐ Reg 406 Table

For RSC

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

Sample Barcode Label	Sample (Location) Identification	Date Sampled	Time Sampled	Matrix
1	MW21-13 S6	21/06/16	9:22	Soil
2	MW21-14 S1		10:05	
3	MW21-14 S6		9:22 10:30	
4	Dup1-160621		-	
5	Dup2-160621		-	
6	MW21-13 S6		9:36	
7				
8				
9				
10				

Field Filtered (please circle):
Metals / Hg / Cr / VI

VOC
BTEX
PACs (F1-F4)
PAH
Res 153 Metals & inorganics

ANALYSIS REQUESTED (PLEASE BE SPECIFIC)

Turnaround Time (TAT) Required:

Regular (Standard) TAT:

(will be applied if Rush TAT is not specified):
Standard TAT = 5-7 Working days for most tests.

Please note: Standard TAT for certain tests such as BOD and Dioxins/Furans are > 5 days - contact your Project Manager for details.

Job Specific Rush TAT (if applies to entire submission)

Date Required: Time Required:

Rush Confirmation Number: (call lab for #)

of Bottles

Comments

3

5

4

3

4

3

Hold

no pH analysis to be reported for metals & inorganics parameter.

* RELINQUISHED BY: (Signature/Print)

Date: (YY/MM/DD)

Time

RECEIVED BY: (Signature/Print)

Date: (YY/MM/DD)

Time

jars used and not submitted

Laboratory Use Only

ON ICE

Time Sensitive

Temperature (°C) on Recept

Custody Seal

Present

Yes

No

Intact

Yes

No

White: BV Labs

Yellow: Client

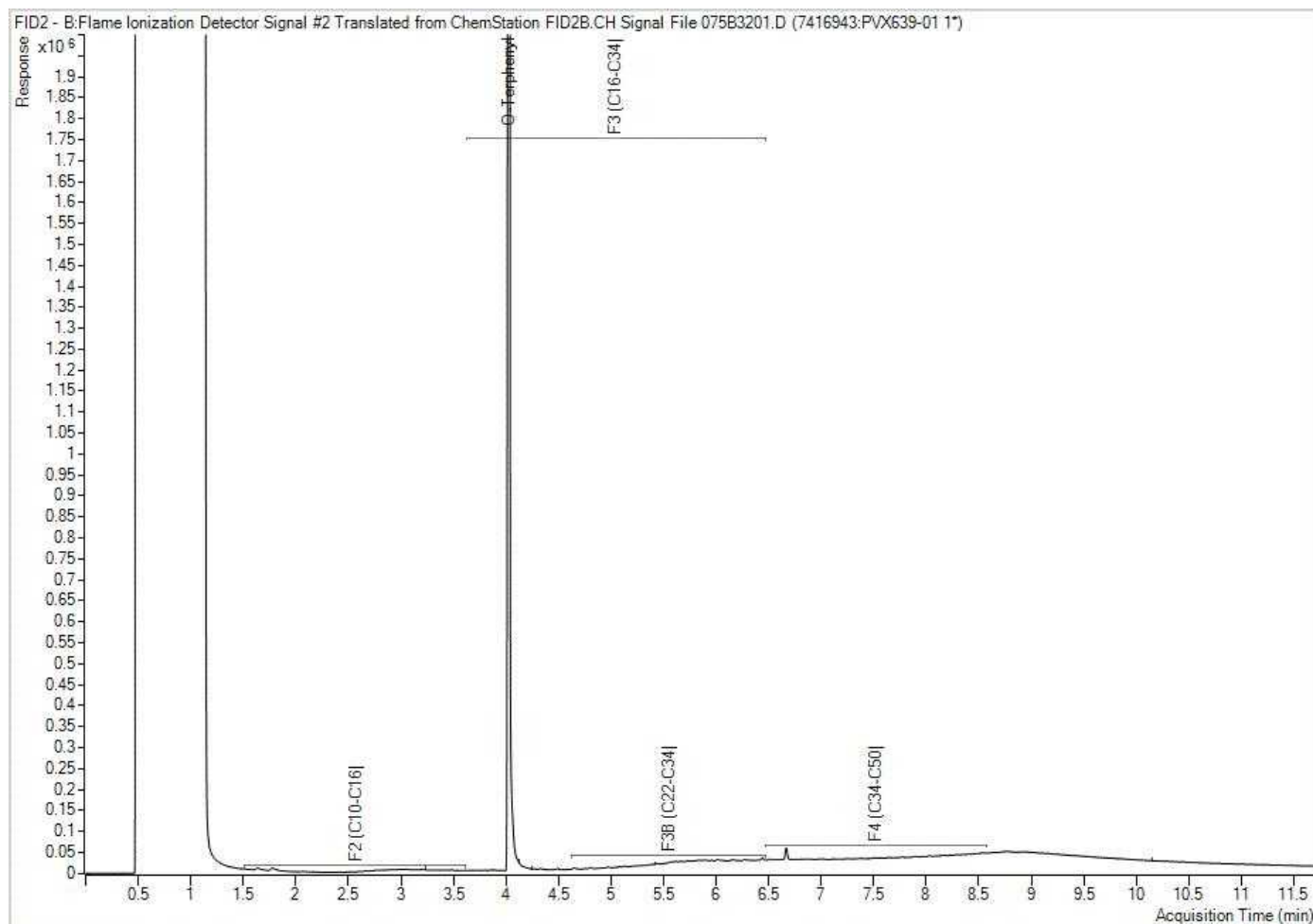
* UNLESS OTHERWISE AGREED TO IN WRITING, WORK SUBMITTED ON THIS CHAIN OF CUSTODY IS SUBJECT TO BV LABS' STANDARD TERMS AND CONDITIONS. SIGNING OF THIS CHAIN OF CUSTODY DOCUMENT IS ACKNOWLEDGMENT AND ACCEPTANCE OF OUR TERMS WHICH ARE AVAILABLE FOR VIEWING AT WWW.BVLABS.COM/TERMS-AND-CONDITIONS.

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

** SAMPLE CONTAINER, PRESERVATION, HOLD TIME AND PACKAGE INFORMATION CAN BE VIEWED AT WWW.BVLABS.COM/RESOURCES/CHAIN-OF-CUSTODY-FORMS.

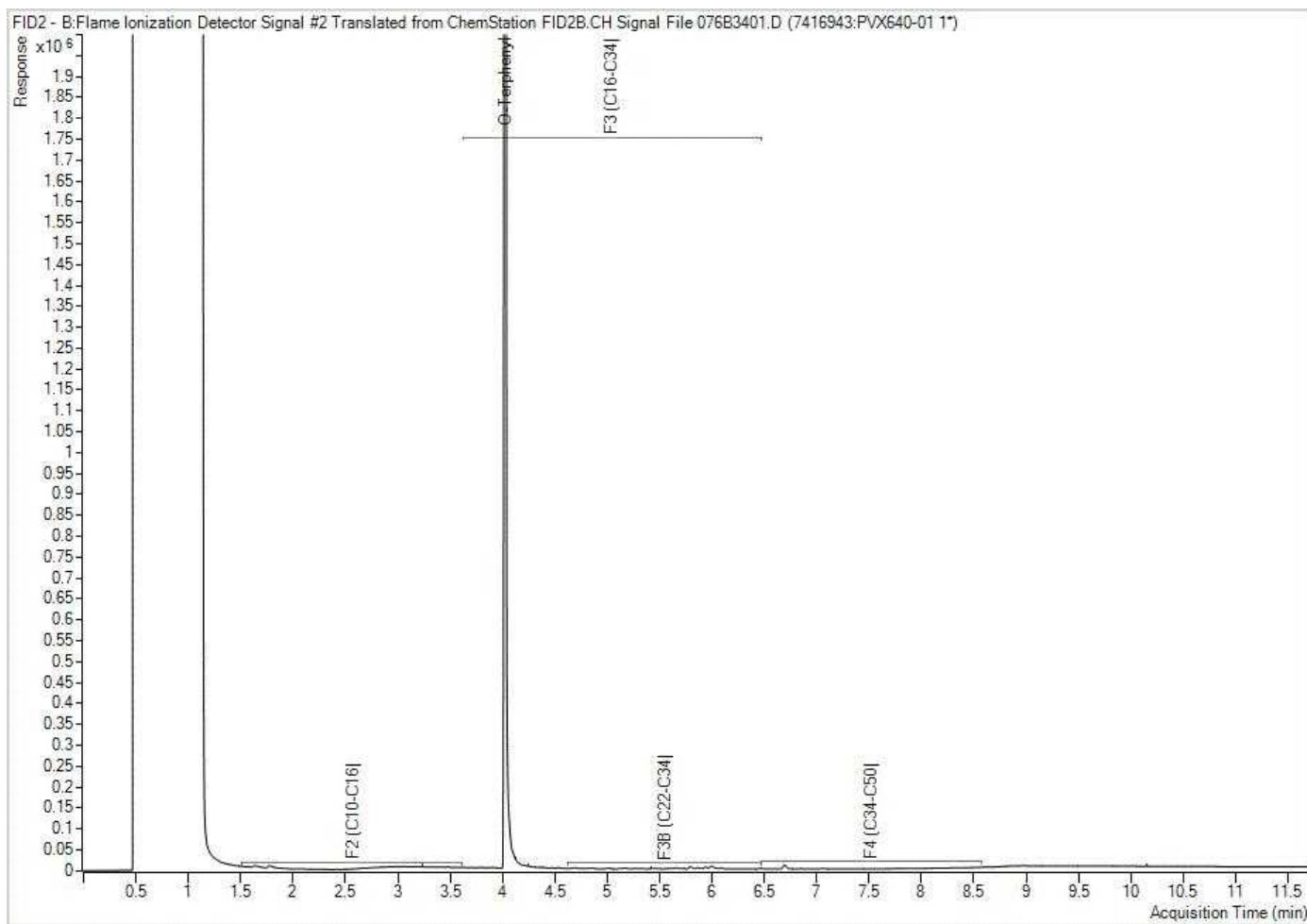
SAMPLES MUST BE KEPT COOL (< 10° C) FROM TIME OF SAMPLING UNTIL DELIVERY TO BV LABS

Petroleum Hydrocarbons F2-F4 in Soil Chromatogram



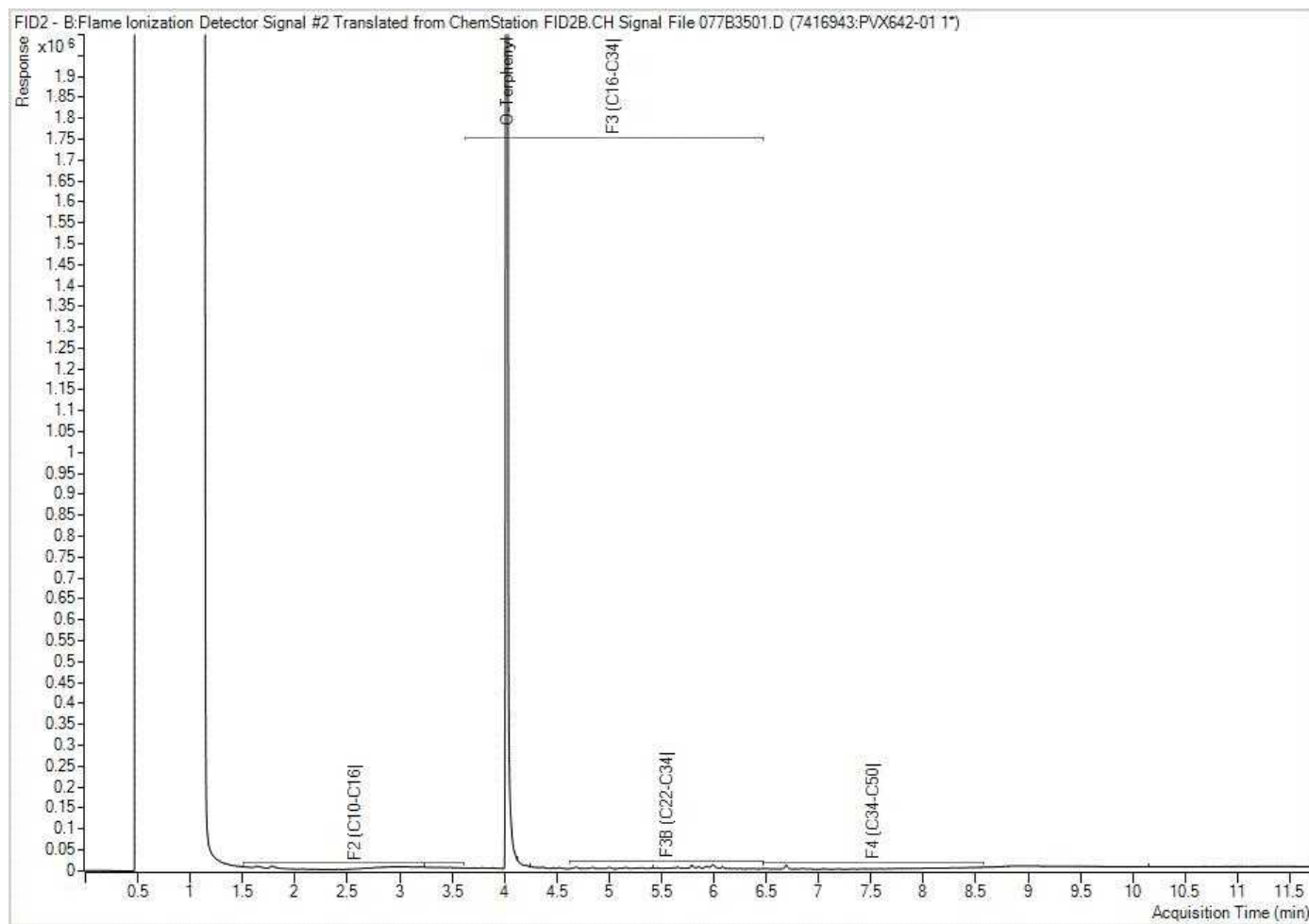
Note: This information is provided for reference purposes only. Should detailed chemist interpretation or fingerprinting be required, please contact the laboratory.

Petroleum Hydrocarbons F2-F4 in Soil Chromatogram



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

Petroleum Hydrocarbons F2-F4 in Soil Chromatogram



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



Your Project #: 294348
 Site Location: 1250 SOUTH SERVICE RD., TORONTO
 Your C.O.C. #: 831305-02-01, 831305-04-01

Attention: Toby Glanville

Pinchin Ltd
 2470 Milltower Crt
 Mississauga, ON
 CANADA L5N 7W5

Report Date: 2021/06/28
 Report #: R6696536
 Version: 2 - Revision

CERTIFICATE OF ANALYSIS – REVISED REPORT

BV LABS JOB #: C1G7630

Received: 2021/06/17, 19:06

Sample Matrix: Soil
 # Samples Received: 11

Analyses	Quantity	Date Extracted	Date Analyzed	Laboratory Method	Analytical Method
Methylnaphthalene Sum	6	N/A	2021/06/22	CAM SOP-00301	EPA 8270D m
Hot Water Extractable Boron	3	2021/06/21	2021/06/21	CAM SOP-00408	R153 Ana. Prot. 2011
1,3-Dichloropropene Sum	2	N/A	2021/06/22		EPA 8260C m
1,3-Dichloropropene Sum	3	N/A	2021/06/23		EPA 8260C m
1,3-Dichloropropene Sum	1	N/A	2021/06/24		EPA 8260C m
1,3-Dichloropropene Sum	1	N/A	2021/06/28		EPA 8260C m
Free (WAD) Cyanide	1	2021/06/21	2021/06/22	CAM SOP-00457	OMOE E3015 m
Free (WAD) Cyanide	2	2021/06/22	2021/06/22	CAM SOP-00457	OMOE E3015 m
Conductivity	2	2021/06/22	2021/06/22	CAM SOP-00414	OMOE E3530 v1 m
Conductivity	2	2021/06/23	2021/06/23	CAM SOP-00414	OMOE E3530 v1 m
Hexavalent Chromium in Soil by IC (1)	2	2021/06/21	2021/06/21	CAM SOP-00436	EPA 3060/7199 m
Hexavalent Chromium in Soil by IC (1)	1	2021/06/22	2021/06/22	CAM SOP-00436	EPA 3060/7199 m
Petroleum Hydro. CCME F1 & BTEX in Soil (2)	3	N/A	2021/06/22	CAM SOP-00315	CCME PHC-CWS m
Petroleum Hydrocarbons F2-F4 in Soil (3)	5	2021/06/21	2021/06/22	CAM SOP-00316	CCME CWS m
Petroleum Hydrocarbons F2-F4 in Soil (3)	1	2021/06/22	2021/06/22	CAM SOP-00316	CCME CWS m
Acid Extractable Metals by ICPMS	3	2021/06/21	2021/06/22	CAM SOP-00447	EPA 6020B m
Moisture	9	N/A	2021/06/18	CAM SOP-00445	Carter 2nd ed 51.2 m
Moisture	1	N/A	2021/06/25	CAM SOP-00445	Carter 2nd ed 51.2 m
PAH Compounds in Soil by GC/MS (SIM)	6	2021/06/21	2021/06/22	CAM SOP-00318	EPA 8270D m
Polychlorinated Biphenyl in Soil	1	2021/06/20	2021/06/21	CAM SOP-00309	EPA 8082A m
pH CaCl2 EXTRACT	1	2021/06/22	2021/06/22	CAM SOP-00413	EPA 9045 D m
Sodium Adsorption Ratio (SAR)	2	N/A	2021/06/23	CAM SOP-00102	EPA 6010C
Sodium Adsorption Ratio (SAR)	2	N/A	2021/06/24	CAM SOP-00102	EPA 6010C
Volatile Organic Compounds and F1 PHCs	3	N/A	2021/06/22	CAM SOP-00230	EPA 8260C m
Volatile Organic Compounds in Soil	1	N/A	2021/06/21	CAM SOP-00228	EPA 8260C m
Volatile Organic Compounds in Soil	1	N/A	2021/06/22	CAM SOP-00228	EPA 8260C m
Volatile Organic Compounds in Soil	1	N/A	2021/06/23	CAM SOP-00228	EPA 8260C m
Volatile Organic Compounds in Soil	1	N/A	2021/06/27	CAM SOP-00228	EPA 8260C m

Remarks:

Bureau Veritas is accredited to ISO/IEC 17025 for specific parameters on scopes of accreditation. Unless otherwise noted, procedures used by Bureau



Your Project #: 294348
Site Location: 1250 SOUTH SERVICE RD., TORONTO
Your C.O.C. #: 831305-02-01, 831305-04-01

Attention: Toby Glanville

Pinchin Ltd
2470 Milltower Crt
Mississauga, ON
CANADA L5N 7W5

Report Date: 2021/06/28

Report #: R6696536

Version: 2 - Revision

CERTIFICATE OF ANALYSIS – REVISED REPORT

BV LABS JOB #: C1G7630

Received: 2021/06/17, 19:06

Veritas are based upon recognized Provincial, Federal or US method compendia such as CCME, MELCC, EPA, APHA.

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

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

Solid sample results, except biota, are based on dry weight unless otherwise indicated. Organic analyses are not recovery corrected except for isotope dilution methods.

Results relate to samples tested. When sampling is not conducted by Bureau Veritas, results relate to the supplied samples tested.

This Certificate shall not be reproduced except in full, without the written approval of the laboratory.

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

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

(1) Soils are reported on a dry weight basis unless otherwise specified.

(2) No lab extraction date is given for F1BTEX & VOC samples that are field preserved with methanol. Extraction date is the date sampled unless otherwise stated.

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

Encryption Key

Please direct all questions regarding this Certificate of Analysis to your Project Manager.

Antonella Brasil, Senior Project Manager

Email: Antonella.Brasil@bureauveritas.com

Phone# (905)817-5817

=====

BV Labs has procedures in place to guard against improper use of the electronic signature and have the required "signatories", as per ISO/IEC 17025, signing the reports. For Service Group specific validation please refer to the Validation Signature Page.



BV Labs Job #: C1G7630
Report Date: 2021/06/28

Pinchin Ltd
Client Project #: 294348
Site Location: 1250 SOUTH SERVICE RD., TORONTO
Sampler Initials: SP

O.REG 153 METALS & INORGANICS PKG (SOIL)

BV Labs ID		PWF706		PWF709		PWF735			
Sampling Date		2021/06/17 12:40		2021/06/17		2021/06/17 16:05			
COC Number		831305-02-01		831305-02-01		831305-04-01			
	UNITS	MW21-12 S1	QC Batch	DUP2-170621	QC Batch	BH21-26 S1	RDL	MDL	QC Batch
Calculated Parameters									
Sodium Adsorption Ratio	N/A	29	7416553	28	7416553	28			7416553
Inorganics									
Conductivity	mS/cm	1.0	7423996	1.0	7423996	1.1	0.002	0.0005	7422294
Available (CaCl ₂) pH	pH			7.67	7422190				
WAD Cyanide (Free)	ug/g	<0.01	7421497	<0.01	7421497	<0.01	0.01	0.005	7419150
Chromium (VI)	ug/g	<0.18	7419121	<0.18	7419121	<0.18	0.18	0.050	7421526
Metals									
Hot Water Ext. Boron (B)	ug/g	0.10	7419393	0.099	7419393	0.17	0.050	0.030	7419390
Acid Extractable Antimony (Sb)	ug/g	<0.20	7419234	<0.20	7419234	<0.20	0.20	0.10	7419242
Acid Extractable Arsenic (As)	ug/g	3.8	7419234	2.5	7419234	<1.0	1.0	0.10	7419242
Acid Extractable Barium (Ba)	ug/g	36	7419234	24	7419234	13	0.50	0.30	7419242
Acid Extractable Beryllium (Be)	ug/g	0.40	7419234	0.29	7419234	<0.20	0.20	0.020	7419242
Acid Extractable Boron (B)	ug/g	<5.0	7419234	<5.0	7419234	<5.0	5.0	1.0	7419242
Acid Extractable Cadmium (Cd)	ug/g	<0.10	7419234	<0.10	7419234	<0.10	0.10	0.030	7419242
Acid Extractable Chromium (Cr)	ug/g	13	7419234	8.3	7419234	6.5	1.0	0.20	7419242
Acid Extractable Cobalt (Co)	ug/g	6.6	7419234	4.8	7419234	2.4	0.10	0.020	7419242
Acid Extractable Copper (Cu)	ug/g	34	7419234	21	7419234	5.1	0.50	0.20	7419242
Acid Extractable Lead (Pb)	ug/g	7.7	7419234	5.2	7419234	3.4	1.0	0.10	7419242
Acid Extractable Molybdenum (Mo)	ug/g	<0.50	7419234	<0.50	7419234	<0.50	0.50	0.10	7419242
Acid Extractable Nickel (Ni)	ug/g	16	7419234	11	7419234	4.5	0.50	0.20	7419242
Acid Extractable Selenium (Se)	ug/g	<0.50	7419234	<0.50	7419234	<0.50	0.50	0.10	7419242
Acid Extractable Silver (Ag)	ug/g	<0.20	7419234	<0.20	7419234	<0.20	0.20	0.040	7419242
Acid Extractable Thallium (Tl)	ug/g	0.086	7419234	0.063	7419234	<0.050	0.050	0.010	7419242
Acid Extractable Uranium (U)	ug/g	0.41	7419234	0.32	7419234	0.42	0.050	0.030	7419242
Acid Extractable Vanadium (V)	ug/g	22	7419234	17	7419234	13	5.0	0.50	7419242
Acid Extractable Zinc (Zn)	ug/g	37	7419234	25	7419234	14	5.0	0.50	7419242
Acid Extractable Mercury (Hg)	ug/g	<0.050	7419234	<0.050	7419234	<0.050	0.050	0.030	7419242
RDL = Reportable Detection Limit QC Batch = Quality Control Batch									



BV Labs Job #: C1G7630
Report Date: 2021/06/28

Pinchin Ltd
Client Project #: 294348
Site Location: 1250 SOUTH SERVICE RD., TORONTO
Sampler Initials: SP

O.REG 153 PAHS (SOIL)

BV Labs ID		PWF703			PWF705			PWF706			
Sampling Date		2021/06/17 09:10			2021/06/17			2021/06/17 12:40			
COC Number		831305-02-01			831305-02-01			831305-02-01			
	UNITS	MW21-19 S5	RDL	MDL	DUP1-170621	RDL	MDL	MW21-12 S1	RDL	MDL	QC Batch
Calculated Parameters											
Methylnaphthalene, 2-(1-)	ug/g	<0.0071	0.0071	N/A	<0.071	0.071	N/A	<0.0071	0.0071	N/A	7416683
Polyaromatic Hydrocarbons											
Acenaphthene	ug/g	<0.0050	0.0050	0.0020	<0.050	0.050	0.020	<0.0050	0.0050	0.0020	7420619
Acenaphthylene	ug/g	<0.0050	0.0050	0.0010	<0.050	0.050	0.010	<0.0050	0.0050	0.0010	7420619
Anthracene	ug/g	<0.0050	0.0050	0.0010	<0.050	0.050	0.010	<0.0050	0.0050	0.0010	7420619
Benzo(a)anthracene	ug/g	<0.0050	0.0050	0.0020	<0.050	0.050	0.020	<0.0050	0.0050	0.0020	7420619
Benzo(a)pyrene	ug/g	<0.0050	0.0050	0.0010	<0.050	0.050	0.010	<0.0050	0.0050	0.0010	7420619
Benzo(b,j)fluoranthene	ug/g	<0.0050	0.0050	0.0020	<0.050	0.050	0.020	<0.0050	0.0050	0.0020	7420619
Benzo(g,h,i)perylene	ug/g	<0.0050	0.0050	0.0040	<0.050	0.050	0.040	<0.0050	0.0050	0.0040	7420619
Benzo(k)fluoranthene	ug/g	<0.0050	0.0050	0.0020	<0.050	0.050	0.020	<0.0050	0.0050	0.0020	7420619
Chrysene	ug/g	<0.0050	0.0050	0.0020	<0.050	0.050	0.020	<0.0050	0.0050	0.0020	7420619
Dibenzo(a,h)anthracene	ug/g	<0.0050	0.0050	0.0040	<0.050	0.050	0.040	<0.0050	0.0050	0.0040	7420619
Fluoranthene	ug/g	<0.0050	0.0050	0.0010	0.060	0.050	0.010	<0.0050	0.0050	0.0010	7420619
Fluorene	ug/g	<0.0050	0.0050	0.0010	<0.050	0.050	0.010	<0.0050	0.0050	0.0010	7420619
Indeno(1,2,3-cd)pyrene	ug/g	<0.0050	0.0050	0.0040	<0.050	0.050	0.040	<0.0050	0.0050	0.0040	7420619
1-Methylnaphthalene	ug/g	<0.0050	0.0050	0.0010	<0.050	0.050	0.010	<0.0050	0.0050	0.0010	7420619
2-Methylnaphthalene	ug/g	<0.0050	0.0050	0.0010	<0.050	0.050	0.010	<0.0050	0.0050	0.0010	7420619
Naphthalene	ug/g	<0.0050	0.0050	0.0010	<0.050	0.050	0.010	<0.0050	0.0050	0.0010	7420619
Phenanthrene	ug/g	<0.0050	0.0050	0.0010	<0.050	0.050	0.010	<0.0050	0.0050	0.0010	7420619
Pyrene	ug/g	<0.0050	0.0050	0.0010	<0.050	0.050	0.010	<0.0050	0.0050	0.0010	7420619
Surrogate Recovery (%)											
D10-Anthracene	%	102			103			96			7420619
D14-Terphenyl (FS)	%	86			90			92			7420619
D8-Acenaphthylene	%	78			93			80			7420619
RDL = Reportable Detection Limit											
QC Batch = Quality Control Batch											
N/A = Not Applicable											



BV Labs Job #: C1G7630
Report Date: 2021/06/28

Pinchin Ltd
Client Project #: 294348
Site Location: 1250 SOUTH SERVICE RD., TORONTO
Sampler Initials: SP

O.REG 153 PAHS (SOIL)

BV Labs ID		PWF708	PWF709	PWF735			
Sampling Date		2021/06/17 12:50	2021/06/17	2021/06/17 16:05			
COC Number		831305-02-01	831305-02-01	831305-04-01			
	UNITS	MW21-12 S4	DUP2-170621	BH21-26 S1	RDL	MDL	QC Batch
Calculated Parameters							
Methylnaphthalene, 2-(1-)	ug/g	<0.0071	<0.0071	<0.0071	0.0071	N/A	7416683
Polyaromatic Hydrocarbons							
Acenaphthene	ug/g	<0.0050	<0.0050	<0.0050	0.0050	0.0020	7420619
Acenaphthylene	ug/g	<0.0050	<0.0050	<0.0050	0.0050	0.0010	7420619
Anthracene	ug/g	<0.0050	<0.0050	<0.0050	0.0050	0.0010	7420619
Benzo(a)anthracene	ug/g	<0.0050	<0.0050	<0.0050	0.0050	0.0020	7420619
Benzo(a)pyrene	ug/g	<0.0050	<0.0050	<0.0050	0.0050	0.0010	7420619
Benzo(b,j)fluoranthene	ug/g	<0.0050	<0.0050	<0.0050	0.0050	0.0020	7420619
Benzo(g,h,i)perylene	ug/g	<0.0050	<0.0050	<0.0050	0.0050	0.0040	7420619
Benzo(k)fluoranthene	ug/g	<0.0050	<0.0050	<0.0050	0.0050	0.0020	7420619
Chrysene	ug/g	<0.0050	<0.0050	<0.0050	0.0050	0.0020	7420619
Dibenzo(a,h)anthracene	ug/g	<0.0050	<0.0050	<0.0050	0.0050	0.0040	7420619
Fluoranthene	ug/g	<0.0050	<0.0050	<0.0050	0.0050	0.0010	7420619
Fluorene	ug/g	<0.0050	<0.0050	<0.0050	0.0050	0.0010	7420619
Indeno(1,2,3-cd)pyrene	ug/g	<0.0050	<0.0050	<0.0050	0.0050	0.0040	7420619
1-Methylnaphthalene	ug/g	<0.0050	<0.0050	<0.0050	0.0050	0.0010	7420619
2-Methylnaphthalene	ug/g	<0.0050	<0.0050	<0.0050	0.0050	0.0010	7420619
Naphthalene	ug/g	<0.0050	<0.0050	<0.0050	0.0050	0.0010	7420619
Phenanthrene	ug/g	<0.0050	<0.0050	<0.0050	0.0050	0.0010	7420619
Pyrene	ug/g	<0.0050	<0.0050	<0.0050	0.0050	0.0010	7420619
Surrogate Recovery (%)							
D10-Anthracene	%	100	99	96			7420619
D14-Terphenyl (FS)	%	107	94	97			7420619
D8-Acenaphthylene	%	81	75	82			7420619
RDL = Reportable Detection Limit QC Batch = Quality Control Batch N/A = Not Applicable							



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VERITAS

BV Labs Job #: C1G7630
Report Date: 2021/06/28

Pinchin Ltd
Client Project #: 294348
Site Location: 1250 SOUTH SERVICE RD., TORONTO
Sampler Initials: SP

O.REG 153 PCBS (SOIL)

BV Labs ID		PWF735			
Sampling Date		2021/06/17 16:05			
COC Number		831305-04-01			
	UNITS	BH21-26 S1	RDL	MDL	QC Batch
PCBs					
Aroclor 1242	ug/g	<0.010	0.010	0.0070	7418899
Aroclor 1248	ug/g	<0.010	0.010	0.0070	7418899
Aroclor 1254	ug/g	<0.010	0.010	0.0070	7418899
Aroclor 1260	ug/g	<0.010	0.010	0.0070	7418899
Total PCB	ug/g	<0.010	0.010	0.0070	7418899
Surrogate Recovery (%)					
Decachlorobiphenyl	%	94			7418899
RDL = Reportable Detection Limit					
QC Batch = Quality Control Batch					



BV Labs Job #: C1G7630
Report Date: 2021/06/28

Pinchin Ltd
Client Project #: 294348
Site Location: 1250 SOUTH SERVICE RD., TORONTO
Sampler Initials: SP

O.REG 153 PHCS, BTEX/F1-F4 (SOIL)

BV Labs ID		PWF706	PWF709		PWF735			
Sampling Date		2021/06/17 12:40	2021/06/17		2021/06/17 16:05			
COC Number		831305-02-01	831305-02-01		831305-04-01			
	UNITS	MW21-12 S1	DUP2-170621	QC Batch	BH21-26 S1	RDL	MDL	QC Batch
Inorganics								
Moisture	%	12	9.2	7416906	12	1.0	0.50	7417058
BTEX & F1 Hydrocarbons								
Benzene	ug/g	<0.020	<0.020	7421238	<0.020	0.020	0.020	7421238
Toluene	ug/g	<0.020	<0.020	7421238	<0.020	0.020	0.020	7421238
Ethylbenzene	ug/g	<0.020	<0.020	7421238	<0.020	0.020	0.020	7421238
o-Xylene	ug/g	<0.020	<0.020	7421238	<0.020	0.020	0.020	7421238
p+m-Xylene	ug/g	<0.040	<0.040	7421238	<0.040	0.040	0.040	7421238
Total Xylenes	ug/g	<0.040	<0.040	7421238	<0.040	0.040	0.040	7421238
F1 (C6-C10)	ug/g	<10	<10	7421238	<10	10	5.0	7421238
F1 (C6-C10) - BTEX	ug/g	<10	<10	7421238	<10	10	5.0	7421238
F2-F4 Hydrocarbons								
F2 (C10-C16 Hydrocarbons)	ug/g	<10	<10	7420551	<10	10	5.0	7421715
F3 (C16-C34 Hydrocarbons)	ug/g	<50	<50	7420551	<50	50	5.0	7421715
F4 (C34-C50 Hydrocarbons)	ug/g	<50	<50	7420551	<50	50	10	7421715
Reached Baseline at C50	ug/g	Yes	Yes	7420551	Yes			7421715
Surrogate Recovery (%)								
1,4-Difluorobenzene	%	99	100	7421238	100			7421238
4-Bromofluorobenzene	%	99	97	7421238	98			7421238
D10-o-Xylene	%	89	81	7421238	94			7421238
D4-1,2-Dichloroethane	%	99	99	7421238	99			7421238
o-Terphenyl	%	94	95	7420551	116			7421715
RDL = Reportable Detection Limit								
QC Batch = Quality Control Batch								



BV Labs Job #: C1G7630
Report Date: 2021/06/28

Pinchin Ltd
Client Project #: 294348
Site Location: 1250 SOUTH SERVICE RD., TORONTO
Sampler Initials: SP

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

BV Labs ID		PWF703	PWF705		PWF708			
Sampling Date		2021/06/17 09:10	2021/06/17		2021/06/17 12:50			
COC Number		831305-02-01	831305-02-01		831305-02-01			
	UNITS	MW21-19 S5	DUP1-170621	QC Batch	MW21-12 S4	RDL	MDL	QC Batch
Inorganics								
Moisture	%	12	14	7416906	15	1.0	0.50	7416906
Calculated Parameters								
1,3-Dichloropropene (cis+trans)	ug/g	<0.050	<0.050	7415841	<0.050	0.050	0.010	7416790
Volatile Organics								
Acetone (2-Propanone)	ug/g	<0.50	<0.50	7418761	<0.50	0.50	0.50	7418761
Benzene	ug/g	<0.020	<0.020	7418761	<0.020	0.020	0.020	7418761
Bromodichloromethane	ug/g	<0.050	<0.050	7418761	<0.050	0.050	0.050	7418761
Bromoform	ug/g	<0.050	<0.050	7418761	<0.050	0.050	0.050	7418761
Bromomethane	ug/g	<0.050	<0.050	7418761	<0.050	0.050	0.050	7418761
Carbon Tetrachloride	ug/g	<0.050	<0.050	7418761	<0.050	0.050	0.050	7418761
Chlorobenzene	ug/g	<0.050	<0.050	7418761	<0.050	0.050	0.050	7418761
Chloroform	ug/g	<0.050	<0.050	7418761	<0.050	0.050	0.050	7418761
Dibromochloromethane	ug/g	<0.050	<0.050	7418761	<0.050	0.050	0.050	7418761
1,2-Dichlorobenzene	ug/g	<0.050	<0.050	7418761	<0.050	0.050	0.050	7418761
1,3-Dichlorobenzene	ug/g	<0.050	<0.050	7418761	<0.050	0.050	0.050	7418761
1,4-Dichlorobenzene	ug/g	<0.050	<0.050	7418761	<0.050	0.050	0.050	7418761
Dichlorodifluoromethane (FREON 12)	ug/g	<0.050	<0.050	7418761	<0.050	0.050	0.050	7418761
1,1-Dichloroethane	ug/g	<0.050	<0.050	7418761	<0.050	0.050	0.050	7418761
1,2-Dichloroethane	ug/g	<0.050	<0.050	7418761	<0.050	0.050	0.050	7418761
1,1-Dichloroethylene	ug/g	<0.050	<0.050	7418761	<0.050	0.050	0.050	7418761
cis-1,2-Dichloroethylene	ug/g	<0.050	<0.050	7418761	<0.050	0.050	0.050	7418761
trans-1,2-Dichloroethylene	ug/g	<0.050	<0.050	7418761	<0.050	0.050	0.050	7418761
1,2-Dichloropropane	ug/g	<0.050	<0.050	7418761	<0.050	0.050	0.050	7418761
cis-1,3-Dichloropropene	ug/g	<0.030	<0.030	7418761	<0.030	0.030	0.030	7418761
trans-1,3-Dichloropropene	ug/g	<0.040	<0.040	7418761	<0.040	0.040	0.040	7418761
Ethylbenzene	ug/g	<0.020	<0.020	7418761	<0.020	0.020	0.020	7418761
Ethylene Dibromide	ug/g	<0.050	<0.050	7418761	<0.050	0.050	0.050	7418761
Hexane	ug/g	<0.050	<0.050	7418761	<0.050	0.050	0.050	7418761
Methylene Chloride(Dichloromethane)	ug/g	<0.050	<0.050	7418761	<0.050	0.050	0.050	7418761
Methyl Ethyl Ketone (2-Butanone)	ug/g	<0.50	<0.50	7418761	<0.50	0.50	0.50	7418761
RDL = Reportable Detection Limit								
QC Batch = Quality Control Batch								

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

BV Labs ID		PWF703	PWF705		PWF708			
Sampling Date		2021/06/17 09:10	2021/06/17		2021/06/17 12:50			
COC Number		831305-02-01	831305-02-01		831305-02-01			
	UNITS	MW21-19 S5	DUP1-170621	QC Batch	MW21-12 S4	RDL	MDL	QC Batch
Methyl Isobutyl Ketone	ug/g	<0.50	<0.50	7418761	<0.50	0.50	0.50	7418761
Methyl t-butyl ether (MTBE)	ug/g	<0.050	<0.050	7418761	<0.050	0.050	0.050	7418761
Styrene	ug/g	<0.050	<0.050	7418761	<0.050	0.050	0.050	7418761
1,1,1,2-Tetrachloroethane	ug/g	<0.050	<0.050	7418761	<0.050	0.050	0.050	7418761
1,1,2,2-Tetrachloroethane	ug/g	<0.050	<0.050	7418761	<0.050	0.050	0.050	7418761
Tetrachloroethylene	ug/g	<0.050	<0.050	7418761	<0.050	0.050	0.050	7418761
Toluene	ug/g	<0.020	<0.020	7418761	<0.020	0.020	0.020	7418761
1,1,1-Trichloroethane	ug/g	<0.050	<0.050	7418761	<0.050	0.050	0.050	7418761
1,1,2-Trichloroethane	ug/g	<0.050	<0.050	7418761	<0.050	0.050	0.050	7418761
Trichloroethylene	ug/g	<0.050	<0.050	7418761	<0.050	0.050	0.050	7418761
Trichlorofluoromethane (FREON 11)	ug/g	<0.050	<0.050	7418761	<0.050	0.050	0.050	7418761
Vinyl Chloride	ug/g	<0.020	<0.020	7418761	<0.020	0.020	0.020	7418761
p+m-Xylene	ug/g	<0.020	<0.020	7418761	<0.020	0.020	0.020	7418761
o-Xylene	ug/g	<0.020	<0.020	7418761	<0.020	0.020	0.020	7418761
Total Xylenes	ug/g	<0.020	<0.020	7418761	<0.020	0.020	0.020	7418761
F1 (C6-C10)	ug/g	<10	<10	7418761	<10	10	N/A	7418761
F1 (C6-C10) - BTEX	ug/g	<10	<10	7418761	<10	10	N/A	7418761
F2-F4 Hydrocarbons								
F2 (C10-C16 Hydrocarbons)	ug/g	<10	<10	7420551	<10	10	5.0	7420551
F3 (C16-C34 Hydrocarbons)	ug/g	<50	98	7420551	<50	50	5.0	7420551
F4 (C34-C50 Hydrocarbons)	ug/g	<50	150	7420551	<50	50	10	7420551
Reached Baseline at C50	ug/g	Yes	Yes	7420551	Yes			7420551
Surrogate Recovery (%)								
o-Terphenyl	%	93	96	7420551	94			7420551
4-Bromofluorobenzene	%	94	94	7418761	94			7418761
D10-o-Xylene	%	90	90	7418761	96			7418761
D4-1,2-Dichloroethane	%	120	120	7418761	118			7418761
D8-Toluene	%	96	96	7418761	96			7418761
RDL = Reportable Detection Limit QC Batch = Quality Control Batch N/A = Not Applicable								



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VERITAS

BV Labs Job #: C1G7630
Report Date: 2021/06/28

Pinchin Ltd
Client Project #: 294348
Site Location: 1250 SOUTH SERVICE RD., TORONTO
Sampler Initials: SP

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

BV Labs ID		PWF708			
Sampling Date		2021/06/17 12:50			
COC Number		831305-02-01			
	UNITS	MW21-12 S4 Lab-Dup	RDL	MDL	QC Batch
F2-F4 Hydrocarbons					
F2 (C10-C16 Hydrocarbons)	ug/g	<10	10	5.0	7420551
F3 (C16-C34 Hydrocarbons)	ug/g	<50	50	5.0	7420551
F4 (C34-C50 Hydrocarbons)	ug/g	<50	50	10	7420551
Reached Baseline at C50	ug/g	Yes			7420551
Surrogate Recovery (%)					
o-Terphenyl	%	93			7420551
RDL = Reportable Detection Limit QC Batch = Quality Control Batch Lab-Dup = Laboratory Initiated Duplicate					



BV Labs Job #: C1G7630
Report Date: 2021/06/28

Pinchin Ltd
Client Project #: 294348
Site Location: 1250 SOUTH SERVICE RD., TORONTO
Sampler Initials: SP

O.REG 153 VOCs BY HS (SOIL)

BV Labs ID		PWF710				PWF710			
Sampling Date		2021/06/17 10:50				2021/06/17 10:50			
COC Number		831305-02-01				831305-02-01			
	UNITS	MW21-28 S4	RDL	MDL	QC Batch	MW21-28 S4 Lab-Dup	RDL	MDL	QC Batch
Inorganics									
Moisture	%	14	1.0	0.50	7417058				
Calculated Parameters									
1,3-Dichloropropene (cis+trans)	ug/g	<0.050	0.050	0.010	7415841				
Volatile Organics									
Acetone (2-Propanone)	ug/g	<0.49	0.49	0.49	7421450	<0.49	0.49	0.49	7421450
Benzene	ug/g	<0.0060	0.0060	0.0060	7421450	<0.0060	0.0060	0.0060	7421450
Bromodichloromethane	ug/g	<0.040	0.040	0.040	7421450	<0.040	0.040	0.040	7421450
Bromoform	ug/g	<0.040	0.040	0.040	7421450	<0.040	0.040	0.040	7421450
Bromomethane	ug/g	<0.040	0.040	0.040	7421450	<0.040	0.040	0.040	7421450
Carbon Tetrachloride	ug/g	<0.040	0.040	0.040	7421450	<0.040	0.040	0.040	7421450
Chlorobenzene	ug/g	<0.040	0.040	0.040	7421450	<0.040	0.040	0.040	7421450
Chloroform	ug/g	<0.040	0.040	0.040	7421450	<0.040	0.040	0.040	7421450
Dibromochloromethane	ug/g	<0.040	0.040	0.040	7421450	<0.040	0.040	0.040	7421450
1,2-Dichlorobenzene	ug/g	<0.040	0.040	0.040	7421450	<0.040	0.040	0.040	7421450
1,3-Dichlorobenzene	ug/g	<0.040	0.040	0.040	7421450	<0.040	0.040	0.040	7421450
1,4-Dichlorobenzene	ug/g	<0.040	0.040	0.040	7421450	<0.040	0.040	0.040	7421450
Dichlorodifluoromethane (FREON 12)	ug/g	<0.040	0.040	0.050	7421450	<0.040	0.040	0.050	7421450
1,1-Dichloroethane	ug/g	<0.040	0.040	0.040	7421450	<0.040	0.040	0.040	7421450
1,2-Dichloroethane	ug/g	<0.049	0.049	0.040	7421450	<0.049	0.049	0.040	7421450
1,1-Dichloroethylene	ug/g	<0.040	0.040	0.040	7421450	<0.040	0.040	0.040	7421450
cis-1,2-Dichloroethylene	ug/g	<0.040	0.040	0.040	7421450	<0.040	0.040	0.040	7421450
trans-1,2-Dichloroethylene	ug/g	<0.040	0.040	0.040	7421450	<0.040	0.040	0.040	7421450
1,2-Dichloropropane	ug/g	<0.040	0.040	0.040	7421450	<0.040	0.040	0.040	7421450
cis-1,3-Dichloropropene	ug/g	<0.030	0.030	0.030	7421450	<0.030	0.030	0.030	7421450
trans-1,3-Dichloropropene	ug/g	<0.040	0.040	0.040	7421450	<0.040	0.040	0.040	7421450
Ethylbenzene	ug/g	<0.010	0.010	0.010	7421450	<0.010	0.010	0.010	7421450
Ethylene Dibromide	ug/g	<0.040	0.040	0.040	7421450	<0.040	0.040	0.040	7421450
Hexane	ug/g	<0.040	0.040	0.040	7421450	<0.040	0.040	0.040	7421450
Methylene Chloride(Dichloromethane)	ug/g	<0.049	0.049	0.049	7421450	<0.049	0.049	0.049	7421450
RDL = Reportable Detection Limit									
QC Batch = Quality Control Batch									
Lab-Dup = Laboratory Initiated Duplicate									



BV Labs Job #: C1G7630
Report Date: 2021/06/28

Pinchin Ltd
Client Project #: 294348
Site Location: 1250 SOUTH SERVICE RD., TORONTO
Sampler Initials: SP

O.REG 153 VOCs BY HS (SOIL)

BV Labs ID		PWF710				PWF710			
Sampling Date		2021/06/17 10:50				2021/06/17 10:50			
COC Number		831305-02-01				831305-02-01			
	UNITS	MW21-28 S4	RDL	MDL	QC Batch	MW21-28 S4 Lab-Dup	RDL	MDL	QC Batch
Methyl Ethyl Ketone (2-Butanone)	ug/g	<0.40	0.40	0.40	7421450	<0.40	0.40	0.40	7421450
Methyl Isobutyl Ketone	ug/g	<0.40	0.40	0.40	7421450	<0.40	0.40	0.40	7421450
Methyl t-butyl ether (MTBE)	ug/g	<0.040	0.040	0.040	7421450	<0.040	0.040	0.040	7421450
Styrene	ug/g	<0.040	0.040	0.040	7421450	<0.040	0.040	0.040	7421450
1,1,1,2-Tetrachloroethane	ug/g	<0.040	0.040	0.040	7421450	<0.040	0.040	0.040	7421450
1,1,2,2-Tetrachloroethane	ug/g	<0.040	0.040	0.040	7421450	<0.040	0.040	0.040	7421450
Tetrachloroethylene	ug/g	0.052	0.040	0.040	7421450	0.053	0.040	0.040	7421450
Toluene	ug/g	<0.020	0.020	0.020	7421450	<0.020	0.020	0.020	7421450
1,1,1-Trichloroethane	ug/g	<0.040	0.040	0.040	7421450	<0.040	0.040	0.040	7421450
1,1,2-Trichloroethane	ug/g	<0.040	0.040	0.040	7421450	<0.040	0.040	0.040	7421450
Trichloroethylene	ug/g	<0.010	0.010	0.010	7421450	<0.010	0.010	0.010	7421450
Trichlorofluoromethane (FREON 11)	ug/g	<0.040	0.040	0.040	7421450	<0.040	0.040	0.040	7421450
Vinyl Chloride	ug/g	<0.019	0.019	0.019	7421450	<0.019	0.019	0.019	7421450
p+m-Xylene	ug/g	<0.020	0.020	0.020	7421450	<0.020	0.020	0.020	7421450
o-Xylene	ug/g	<0.020	0.020	0.020	7421450	<0.020	0.020	0.020	7421450
Total Xylenes	ug/g	<0.020	0.020	0.020	7421450	<0.020	0.020	0.020	7421450
Surrogate Recovery (%)									
4-Bromofluorobenzene	%	97			7421450	98			7421450
D10-o-Xylene	%	81			7421450	82			7421450
D4-1,2-Dichloroethane	%	108			7421450	109			7421450
D8-Toluene	%	88			7421450	89			7421450
RDL = Reportable Detection Limit									
QC Batch = Quality Control Batch									
Lab-Dup = Laboratory Initiated Duplicate									



BV Labs Job #: C1G7630
Report Date: 2021/06/28

Pinchin Ltd
Client Project #: 294348
Site Location: 1250 SOUTH SERVICE RD., TORONTO
Sampler Initials: SP

O.REG 153 VOCs BY HS (SOIL)

BV Labs ID		PWF734	PWF736		PWF737			
Sampling Date		2021/06/17 14:40	2021/06/17 16:08		2021/06/17 16:10			
COC Number		831305-04-01	831305-04-01		831305-04-01			
	UNITS	MW21-20 S6	BH21-26 S2	QC Batch	BH21-26 S3	RDL	MDL	QC Batch
Inorganics								
Moisture	%	11	8.2	7417583	12	1.0	0.50	7430750
Calculated Parameters								
1,3-Dichloropropene (cis+trans)	ug/g	<0.050	<0.050	7415841	<0.050	0.050	0.010	7430087
Volatile Organics								
Acetone (2-Propanone)	ug/g	<0.49	<0.49	7418483	<0.49	0.49	0.49	7431718
Benzene	ug/g	<0.0060	<0.0060	7418483	<0.0060	0.0060	0.0060	7431718
Bromodichloromethane	ug/g	<0.040	<0.040	7418483	<0.040	0.040	0.040	7431718
Bromoform	ug/g	<0.040	<0.040	7418483	<0.040	0.040	0.040	7431718
Bromomethane	ug/g	<0.040	<0.040	7418483	<0.040	0.040	0.040	7431718
Carbon Tetrachloride	ug/g	<0.040	<0.040	7418483	<0.040	0.040	0.040	7431718
Chlorobenzene	ug/g	<0.040	<0.040	7418483	<0.040	0.040	0.040	7431718
Chloroform	ug/g	<0.040	<0.040	7418483	<0.040	0.040	0.040	7431718
Dibromochloromethane	ug/g	<0.040	<0.040	7418483	<0.040	0.040	0.040	7431718
1,2-Dichlorobenzene	ug/g	<0.040	<0.040	7418483	<0.040	0.040	0.040	7431718
1,3-Dichlorobenzene	ug/g	<0.040	<0.040	7418483	<0.040	0.040	0.040	7431718
1,4-Dichlorobenzene	ug/g	<0.040	<0.040	7418483	<0.040	0.040	0.040	7431718
Dichlorodifluoromethane (FREON 12)	ug/g	<0.040	<0.040	7418483	<0.040	0.040	0.050	7431718
1,1-Dichloroethane	ug/g	<0.040	<0.040	7418483	<0.040	0.040	0.040	7431718
1,2-Dichloroethane	ug/g	<0.049	<0.049	7418483	<0.049	0.049	0.040	7431718
1,1-Dichloroethylene	ug/g	<0.040	<0.040	7418483	<0.040	0.040	0.040	7431718
cis-1,2-Dichloroethylene	ug/g	<0.040	<0.040	7418483	<0.040	0.040	0.040	7431718
trans-1,2-Dichloroethylene	ug/g	<0.040	<0.040	7418483	<0.040	0.040	0.040	7431718
1,2-Dichloropropane	ug/g	<0.040	<0.040	7418483	<0.040	0.040	0.040	7431718
cis-1,3-Dichloropropene	ug/g	<0.030	<0.030	7418483	<0.030	0.030	0.030	7431718
trans-1,3-Dichloropropene	ug/g	<0.040	<0.040	7418483	<0.040	0.040	0.040	7431718
Ethylbenzene	ug/g	<0.010	<0.010	7418483	<0.010	0.010	0.010	7431718
Ethylene Dibromide	ug/g	<0.040	<0.040	7418483	<0.040	0.040	0.040	7431718
Hexane	ug/g	<0.040	<0.040	7418483	<0.040	0.040	0.040	7431718
Methylene Chloride(Dichloromethane)	ug/g	<0.049	<0.049	7418483	<0.049	0.049	0.049	7431718
Methyl Ethyl Ketone (2-Butanone)	ug/g	<0.40	<0.40	7418483	<0.40	0.40	0.40	7431718
RDL = Reportable Detection Limit								
QC Batch = Quality Control Batch								

O.REG 153 VOCs BY HS (SOIL)

BV Labs ID		PWF734	PWF736		PWF737			
Sampling Date		2021/06/17 14:40	2021/06/17 16:08		2021/06/17 16:10			
COC Number		831305-04-01	831305-04-01		831305-04-01			
	UNITS	MW21-20 S6	BH21-26 S2	QC Batch	BH21-26 S3	RDL	MDL	QC Batch
Methyl Isobutyl Ketone	ug/g	<0.40	<0.40	7418483	<0.40	0.40	0.40	7431718
Methyl t-butyl ether (MTBE)	ug/g	<0.040	<0.040	7418483	<0.040	0.040	0.040	7431718
Styrene	ug/g	<0.040	<0.040	7418483	<0.040	0.040	0.040	7431718
1,1,1,2-Tetrachloroethane	ug/g	<0.040	<0.040	7418483	<0.040	0.040	0.040	7431718
1,1,2,2-Tetrachloroethane	ug/g	<0.040	<0.040	7418483	<0.040	0.040	0.040	7431718
Tetrachloroethylene	ug/g	<0.040	0.46	7418483	0.098	0.040	0.040	7431718
Toluene	ug/g	<0.020	<0.020	7418483	<0.020	0.020	0.020	7431718
1,1,1-Trichloroethane	ug/g	<0.040	<0.040	7418483	<0.040	0.040	0.040	7431718
1,1,2-Trichloroethane	ug/g	<0.040	<0.040	7418483	<0.040	0.040	0.040	7431718
Trichloroethylene	ug/g	<0.010	<0.010	7418483	<0.010	0.010	0.010	7431718
Trichlorofluoromethane (FREON 11)	ug/g	<0.040	<0.040	7418483	<0.040	0.040	0.040	7431718
Vinyl Chloride	ug/g	<0.019	<0.019	7418483	<0.019	0.019	0.019	7431718
p+m-Xylene	ug/g	<0.020	<0.020	7418483	<0.020	0.020	0.020	7431718
o-Xylene	ug/g	<0.020	<0.020	7418483	<0.020	0.020	0.020	7431718
Total Xylenes	ug/g	<0.020	<0.020	7418483	<0.020	0.020	0.020	7431718
Surrogate Recovery (%)								
4-Bromofluorobenzene	%	94	94	7418483	93			7431718
D10-o-Xylene	%	76	77	7418483	86			7431718
D4-1,2-Dichloroethane	%	101	99	7418483	102			7431718
D8-Toluene	%	93	93	7418483	99			7431718
RDL = Reportable Detection Limit QC Batch = Quality Control Batch								



BV Labs Job #: C1G7630
Report Date: 2021/06/28

Pinchin Ltd
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Sampler Initials: SP

RESULTS OF ANALYSES OF SOIL

BV Labs ID		PWF731			
Sampling Date		2021/06/17 14:25			
COC Number		831305-04-01			
	UNITS	MW21-20 S1	RDL	MDL	QC Batch
Calculated Parameters					
Sodium Adsorption Ratio	N/A	51			7416553
Inorganics					
Conductivity	mS/cm	1.6	0.002	0.0005	7422294
RDL = Reportable Detection Limit					
QC Batch = Quality Control Batch					



BV Labs Job #: C1G7630
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Sampler Initials: SP

TEST SUMMARY

BV Labs ID: PWF703
Sample ID: MW21-19 S5
Matrix: Soil

Collected: 2021/06/17
Shipped:
Received: 2021/06/17

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Methylnaphthalene Sum	CALC	7416683	N/A	2021/06/22	Automated Statchk
1,3-Dichloropropene Sum	CALC	7415841	N/A	2021/06/23	Automated Statchk
Petroleum Hydrocarbons F2-F4 in Soil	GC/FID	7420551	2021/06/21	2021/06/22	Dennis Ngondou
Moisture	BAL	7416906	N/A	2021/06/18	Min Yang
PAH Compounds in Soil by GC/MS (SIM)	GC/MS	7420619	2021/06/21	2021/06/22	Jonghan Yoon
Volatile Organic Compounds and F1 PHCs	GC/MSFD	7418761	N/A	2021/06/22	Denis Reid

BV Labs ID: PWF705
Sample ID: DUP1-170621
Matrix: Soil

Collected: 2021/06/17
Shipped:
Received: 2021/06/17

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Methylnaphthalene Sum	CALC	7416683	N/A	2021/06/22	Automated Statchk
1,3-Dichloropropene Sum	CALC	7415841	N/A	2021/06/23	Automated Statchk
Petroleum Hydrocarbons F2-F4 in Soil	GC/FID	7420551	2021/06/21	2021/06/22	Dennis Ngondou
Moisture	BAL	7416906	N/A	2021/06/18	Min Yang
PAH Compounds in Soil by GC/MS (SIM)	GC/MS	7420619	2021/06/21	2021/06/22	Jonghan Yoon
Volatile Organic Compounds and F1 PHCs	GC/MSFD	7418761	N/A	2021/06/22	Denis Reid

BV Labs ID: PWF706
Sample ID: MW21-12 S1
Matrix: Soil

Collected: 2021/06/17
Shipped:
Received: 2021/06/17

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Methylnaphthalene Sum	CALC	7416683	N/A	2021/06/22	Automated Statchk
Hot Water Extractable Boron	ICP	7419393	2021/06/21	2021/06/21	Medhat Nasr
Free (WAD) Cyanide	TECH	7421497	2021/06/22	2021/06/22	Aditiben Patel
Conductivity	AT	7423996	2021/06/23	2021/06/23	Khushbu Vijay kumar Patel
Hexavalent Chromium in Soil by IC	IC/SPEC	7419121	2021/06/21	2021/06/21	Violeta Porcila
Petroleum Hydro. CCME F1 & BTEX in Soil	HSGC/MSFD	7421238	N/A	2021/06/22	Lincoln Ramdahin
Petroleum Hydrocarbons F2-F4 in Soil	GC/FID	7420551	2021/06/21	2021/06/22	Dennis Ngondou
Acid Extractable Metals by ICPMS	ICP/MS	7419234	2021/06/21	2021/06/22	Prempal Bhatti
Moisture	BAL	7416906	N/A	2021/06/18	Min Yang
PAH Compounds in Soil by GC/MS (SIM)	GC/MS	7420619	2021/06/21	2021/06/22	Jonghan Yoon
Sodium Adsorption Ratio (SAR)	CALC/MET	7416553	N/A	2021/06/24	Automated Statchk

BV Labs ID: PWF708
Sample ID: MW21-12 S4
Matrix: Soil

Collected: 2021/06/17
Shipped:
Received: 2021/06/17

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Methylnaphthalene Sum	CALC	7416683	N/A	2021/06/22	Automated Statchk
1,3-Dichloropropene Sum	CALC	7416790	N/A	2021/06/23	Automated Statchk
Petroleum Hydrocarbons F2-F4 in Soil	GC/FID	7420551	2021/06/21	2021/06/22	Dennis Ngondou



BV Labs Job #: C1G7630
Report Date: 2021/06/28

Pinchin Ltd
Client Project #: 294348
Site Location: 1250 SOUTH SERVICE RD., TORONTO
Sampler Initials: SP

TEST SUMMARY

BV Labs ID: PWF708
Sample ID: MW21-12 S4
Matrix: Soil

Collected: 2021/06/17
Shipped:
Received: 2021/06/17

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Moisture	BAL	7416906	N/A	2021/06/18	Min Yang
PAH Compounds in Soil by GC/MS (SIM)	GC/MS	7420619	2021/06/21	2021/06/22	Jonghan Yoon
Volatile Organic Compounds and F1 PHCs	GC/MSFD	7418761	N/A	2021/06/22	Denis Reid

BV Labs ID: PWF708 Dup
Sample ID: MW21-12 S4
Matrix: Soil

Collected: 2021/06/17
Shipped:
Received: 2021/06/17

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Petroleum Hydrocarbons F2-F4 in Soil	GC/FID	7420551	2021/06/21	2021/06/22	Dennis Ngondou

BV Labs ID: PWF709
Sample ID: DUP2-170621
Matrix: Soil

Collected: 2021/06/17
Shipped:
Received: 2021/06/17

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Methylnaphthalene Sum	CALC	7416683	N/A	2021/06/22	Automated Statchk
Hot Water Extractable Boron	ICP	7419393	2021/06/21	2021/06/21	Medhat Nasr
Free (WAD) Cyanide	TECH	7421497	2021/06/22	2021/06/22	Aditiben Patel
Conductivity	AT	7423996	2021/06/23	2021/06/23	Khushbu Vijay kumar Patel
Hexavalent Chromium in Soil by IC	IC/SPEC	7419121	2021/06/21	2021/06/21	Violeta Porcila
Petroleum Hydro. CCME F1 & BTEX in Soil	HSGC/MSFD	7421238	N/A	2021/06/22	Lincoln Ramdahin
Petroleum Hydrocarbons F2-F4 in Soil	GC/FID	7420551	2021/06/21	2021/06/22	Dennis Ngondou
Acid Extractable Metals by ICPMS	ICP/MS	7419234	2021/06/21	2021/06/22	Prempal Bhatti
Moisture	BAL	7416906	N/A	2021/06/18	Min Yang
PAH Compounds in Soil by GC/MS (SIM)	GC/MS	7420619	2021/06/21	2021/06/22	Jonghan Yoon
pH CaCl2 EXTRACT	AT	7422190	2021/06/22	2021/06/22	Neil Dassanayake
Sodium Adsorption Ratio (SAR)	CALC/MET	7416553	N/A	2021/06/24	Automated Statchk

BV Labs ID: PWF710
Sample ID: MW21-28 S4
Matrix: Soil

Collected: 2021/06/17
Shipped:
Received: 2021/06/17

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
1,3-Dichloropropene Sum	CALC	7415841	N/A	2021/06/24	Automated Statchk
Moisture	BAL	7417058	N/A	2021/06/18	Min Yang
Volatile Organic Compounds in Soil	GC/MS	7421450	N/A	2021/06/23	Juan Pangilinan

BV Labs ID: PWF710 Dup
Sample ID: MW21-28 S4
Matrix: Soil

Collected: 2021/06/17
Shipped:
Received: 2021/06/17

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Volatile Organic Compounds in Soil	GC/MS	7421450	N/A	2021/06/23	Juan Pangilinan



BV Labs Job #: C1G7630
Report Date: 2021/06/28

Pinchin Ltd
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Sampler Initials: SP

TEST SUMMARY

BV Labs ID: PWF731
Sample ID: MW21-20 S1
Matrix: Soil

Collected: 2021/06/17
Shipped:
Received: 2021/06/17

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Conductivity	AT	7422294	2021/06/22	2021/06/22	Khushbu Vijay kumar Patel
Sodium Adsorption Ratio (SAR)	CALC/MET	7416553	N/A	2021/06/23	Automated Statchk

BV Labs ID: PWF734
Sample ID: MW21-20 S6
Matrix: Soil

Collected: 2021/06/17
Shipped:
Received: 2021/06/17

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
1,3-Dichloropropene Sum	CALC	7415841	N/A	2021/06/22	Automated Statchk
Moisture	BAL	7417583	N/A	2021/06/18	Min Yang
Volatile Organic Compounds in Soil	GC/MS	7418483	N/A	2021/06/21	Blair Gannon

BV Labs ID: PWF735
Sample ID: BH21-26 S1
Matrix: Soil

Collected: 2021/06/17
Shipped:
Received: 2021/06/17

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Methylnaphthalene Sum	CALC	7416683	N/A	2021/06/22	Automated Statchk
Hot Water Extractable Boron	ICP	7419390	2021/06/21	2021/06/21	Jolly John
Free (WAD) Cyanide	TECH	7419150	2021/06/21	2021/06/22	Aditiben Patel
Conductivity	AT	7422294	2021/06/22	2021/06/22	Khushbu Vijay kumar Patel
Hexavalent Chromium in Soil by IC	IC/SPEC	7421526	2021/06/22	2021/06/22	Violeta Porcila
Petroleum Hydro. CCME F1 & BTEX in Soil	HSGC/MSFD	7421238	N/A	2021/06/22	Lincoln Ramdahin
Petroleum Hydrocarbons F2-F4 in Soil	GC/FID	7421715	2021/06/22	2021/06/22	Ravinder Gaidhu
Acid Extractable Metals by ICPMS	ICP/MS	7419242	2021/06/21	2021/06/22	Daniel Teclu
Moisture	BAL	7417058	N/A	2021/06/18	Min Yang
PAH Compounds in Soil by GC/MS (SIM)	GC/MS	7420619	2021/06/21	2021/06/22	Jonghan Yoon
Polychlorinated Biphenyl in Soil	GC/ECD	7418899	2021/06/20	2021/06/21	Svitlana Shaula
Sodium Adsorption Ratio (SAR)	CALC/MET	7416553	N/A	2021/06/23	Automated Statchk

BV Labs ID: PWF736
Sample ID: BH21-26 S2
Matrix: Soil

Collected: 2021/06/17
Shipped:
Received: 2021/06/17

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
1,3-Dichloropropene Sum	CALC	7415841	N/A	2021/06/22	Automated Statchk
Moisture	BAL	7417583	N/A	2021/06/18	Min Yang
Volatile Organic Compounds in Soil	GC/MS	7418483	N/A	2021/06/22	Blair Gannon

BV Labs ID: PWF737
Sample ID: BH21-26 S3
Matrix: Soil

Collected: 2021/06/17
Shipped:
Received: 2021/06/17

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
1,3-Dichloropropene Sum	CALC	7430087	N/A	2021/06/28	Automated Statchk



BV Labs Job #: C1G7630
Report Date: 2021/06/28

Pinchin Ltd
Client Project #: 294348
Site Location: 1250 SOUTH SERVICE RD., TORONTO
Sampler Initials: SP

TEST SUMMARY

BV Labs ID: PWF737
Sample ID: BH21-26 S3
Matrix: Soil

Collected: 2021/06/17
Shipped:
Received: 2021/06/17

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Moisture	BAL	7430750	N/A	2021/06/25	Prgya Panchal
Volatile Organic Compounds in Soil	GC/MS	7431718	N/A	2021/06/27	Blair Gannon



GENERAL COMMENTS

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

Package 1	5.0°C
Package 2	2.0°C

Cooler custody seals were present and intact .

Revised Report (2021/06/28): VOC analysis included for sample BH21-26-S3, as per client request .

Sample PWF705 [DUP1-170621] : PAH analysis: Due to the sample matrix, sample required dilution. Detection limits were adjusted accordingly.

Results relate only to the items tested.

BUREAU
VERITAS

BV Labs Job #: C1G7630

Report Date: 2021/06/28

QUALITY ASSURANCE REPORT

Pinchin Ltd

Client Project #: 294348

Site Location: 1250 SOUTH SERVICE RD., TORONTO

Sampler Initials: SP

QC Batch	Parameter	Date	Matrix Spike		SPIKED BLANK		Method Blank		RPD	
			% Recovery	QC Limits	% Recovery	QC Limits	Value	UNITS	Value (%)	QC Limits
7418483	4-Bromofluorobenzene	2021/06/21	104	60 - 140	107	60 - 140	96	%		
7418483	D10-o-Xylene	2021/06/21	97	60 - 130	98	60 - 130	93	%		
7418483	D4-1,2-Dichloroethane	2021/06/21	90	60 - 140	101	60 - 140	112	%		
7418483	D8-Toluene	2021/06/21	110	60 - 140	107	60 - 140	89	%		
7418761	4-Bromofluorobenzene	2021/06/22	103	60 - 140	101	60 - 140	97	%		
7418761	D10-o-Xylene	2021/06/22	104	60 - 130	102	60 - 130	97	%		
7418761	D4-1,2-Dichloroethane	2021/06/22	118	60 - 140	119	60 - 140	118	%		
7418761	D8-Toluene	2021/06/22	103	60 - 140	102	60 - 140	95	%		
7418899	Decachlorobiphenyl	2021/06/21	95	60 - 130	98	60 - 130	100	%		
7420551	o-Terphenyl	2021/06/22	96	60 - 130	96	60 - 130	93	%		
7420619	D10-Anthracene	2021/06/22	94	50 - 130	94	50 - 130	102	%		
7420619	D14-Terphenyl (FS)	2021/06/22	91	50 - 130	95	50 - 130	89	%		
7420619	D8-Acenaphthylene	2021/06/22	85	50 - 130	86	50 - 130	80	%		
7421238	1,4-Difluorobenzene	2021/06/22	97	60 - 140	99	60 - 140	101	%		
7421238	4-Bromofluorobenzene	2021/06/22	100	60 - 140	101	60 - 140	97	%		
7421238	D10-o-Xylene	2021/06/22	87	60 - 140	102	60 - 140	98	%		
7421238	D4-1,2-Dichloroethane	2021/06/22	98	60 - 140	93	60 - 140	96	%		
7421450	4-Bromofluorobenzene	2021/06/23	135	60 - 140	108	60 - 140	98	%		
7421450	D10-o-Xylene	2021/06/23	91	60 - 130	116	60 - 130	94	%		
7421450	D4-1,2-Dichloroethane	2021/06/23	102	60 - 140	107	60 - 140	120	%		
7421450	D8-Toluene	2021/06/23	105	60 - 140	106	60 - 140	86	%		
7421715	o-Terphenyl	2021/06/22	112	60 - 130	115	60 - 130	116	%		
7431718	4-Bromofluorobenzene	2021/06/27	99	60 - 140	101	60 - 140	94	%		
7431718	D10-o-Xylene	2021/06/27	91	60 - 130	100	60 - 130	92	%		
7431718	D4-1,2-Dichloroethane	2021/06/27	100	60 - 140	104	60 - 140	109	%		
7431718	D8-Toluene	2021/06/27	107	60 - 140	105	60 - 140	95	%		
7416906	Moisture	2021/06/18							0	20
7417058	Moisture	2021/06/18							2.4	20
7417583	Moisture	2021/06/18							2.0	20
7418483	1,1,1,2-Tetrachloroethane	2021/06/22	101	60 - 140	102	60 - 130	<0.040	ug/g	NC	50
7418483	1,1,1-Trichloroethane	2021/06/22	108	60 - 140	105	60 - 130	<0.040	ug/g	NC	50

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Client Project #: 294348

Site Location: 1250 SOUTH SERVICE RD., TORONTO

Sampler Initials: SP

QC Batch	Parameter	Date	Matrix Spike		SPIKED BLANK		Method Blank		RPD	
			% Recovery	QC Limits	% Recovery	QC Limits	Value	UNITS	Value (%)	QC Limits
7418483	1,1,2,2-Tetrachloroethane	2021/06/22	79	60 - 140	93	60 - 130	<0.040	ug/g	NC	50
7418483	1,1,2-Trichloroethane	2021/06/22	90	60 - 140	100	60 - 130	<0.040	ug/g	NC	50
7418483	1,1-Dichloroethane	2021/06/22	92	60 - 140	94	60 - 130	<0.040	ug/g	NC	50
7418483	1,1-Dichloroethylene	2021/06/22	98	60 - 140	92	60 - 130	<0.040	ug/g	NC	50
7418483	1,2-Dichlorobenzene	2021/06/22	96	60 - 140	94	60 - 130	<0.040	ug/g	NC	50
7418483	1,2-Dichloroethane	2021/06/22	85	60 - 140	96	60 - 130	<0.049	ug/g	NC	50
7418483	1,2-Dichloropropane	2021/06/22	90	60 - 140	97	60 - 130	<0.040	ug/g	NC	50
7418483	1,3-Dichlorobenzene	2021/06/22	98	60 - 140	91	60 - 130	<0.040	ug/g	NC	50
7418483	1,4-Dichlorobenzene	2021/06/22	114	60 - 140	107	60 - 130	<0.040	ug/g	NC	50
7418483	Acetone (2-Propanone)	2021/06/22	77	60 - 140	93	60 - 140	<0.49	ug/g	NC	50
7418483	Benzene	2021/06/22	90	60 - 140	92	60 - 130	<0.0060	ug/g	NC	50
7418483	Bromodichloromethane	2021/06/22	96	60 - 140	103	60 - 130	<0.040	ug/g	NC	50
7418483	Bromoform	2021/06/22	87	60 - 140	100	60 - 130	<0.040	ug/g	NC	50
7418483	Bromomethane	2021/06/22	84	60 - 140	85	60 - 140	<0.040	ug/g	NC	50
7418483	Carbon Tetrachloride	2021/06/22	107	60 - 140	103	60 - 130	<0.040	ug/g	NC	50
7418483	Chlorobenzene	2021/06/22	98	60 - 140	99	60 - 130	<0.040	ug/g	NC	50
7418483	Chloroform	2021/06/22	97	60 - 140	100	60 - 130	<0.040	ug/g	NC	50
7418483	cis-1,2-Dichloroethylene	2021/06/22	99	60 - 140	104	60 - 130	<0.040	ug/g	NC	50
7418483	cis-1,3-Dichloropropene	2021/06/22	81	60 - 140	89	60 - 130	<0.030	ug/g	NC	50
7418483	Dibromochloromethane	2021/06/22	89	60 - 140	97	60 - 130	<0.040	ug/g	NC	50
7418483	Dichlorodifluoromethane (FREON 12)	2021/06/22	81	60 - 140	76	60 - 140	<0.040	ug/g	NC	50
7418483	Ethylbenzene	2021/06/22	96	60 - 140	91	60 - 130	<0.010	ug/g	NC	50
7418483	Ethylene Dibromide	2021/06/22	82	60 - 140	93	60 - 130	<0.040	ug/g	NC	50
7418483	Hexane	2021/06/22	107	60 - 140	100	60 - 130	<0.040	ug/g	NC	50
7418483	Methyl Ethyl Ketone (2-Butanone)	2021/06/22	77	60 - 140	99	60 - 140	<0.40	ug/g	NC	50
7418483	Methyl Isobutyl Ketone	2021/06/22	77	60 - 140	104	60 - 130	<0.40	ug/g	NC	50
7418483	Methyl t-butyl ether (MTBE)	2021/06/22	84	60 - 140	90	60 - 130	<0.040	ug/g	NC	50
7418483	Methylene Chloride(Dichloromethane)	2021/06/22	106	60 - 140	113	60 - 130	<0.049	ug/g	NC	50
7418483	o-Xylene	2021/06/22	96	60 - 140	95	60 - 130	<0.020	ug/g	NC	50
7418483	p+m-Xylene	2021/06/22	106	60 - 140	100	60 - 130	<0.020	ug/g	NC	50
7418483	Styrene	2021/06/22	111	60 - 140	115	60 - 130	<0.040	ug/g	NC	50

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Site Location: 1250 SOUTH SERVICE RD., TORONTO

Sampler Initials: SP

QC Batch	Parameter	Date	Matrix Spike		SPIKED BLANK		Method Blank		RPD	
			% Recovery	QC Limits	% Recovery	QC Limits	Value	UNITS	Value (%)	QC Limits
7418483	Tetrachloroethylene	2021/06/22	104	60 - 140	95	60 - 130	<0.040	ug/g	NC	50
7418483	Toluene	2021/06/22	101	60 - 140	97	60 - 130	<0.020	ug/g	NC	50
7418483	Total Xylenes	2021/06/22					<0.020	ug/g	NC	50
7418483	trans-1,2-Dichloroethylene	2021/06/22	101	60 - 140	99	60 - 130	<0.040	ug/g	NC	50
7418483	trans-1,3-Dichloropropene	2021/06/22	88	60 - 140	93	60 - 130	<0.040	ug/g	NC	50
7418483	Trichloroethylene	2021/06/22	108	60 - 140	106	60 - 130	<0.010	ug/g	NC	50
7418483	Trichlorofluoromethane (FREON 11)	2021/06/22	99	60 - 140	94	60 - 130	<0.040	ug/g	NC	50
7418483	Vinyl Chloride	2021/06/22	87	60 - 140	83	60 - 130	<0.019	ug/g	NC	50
7418761	1,1,1,2-Tetrachloroethane	2021/06/22	105	60 - 140	103	60 - 130	<0.050	ug/g	NC	50
7418761	1,1,1-Trichloroethane	2021/06/22	114	60 - 140	113	60 - 130	<0.050	ug/g	NC	50
7418761	1,1,2,2-Tetrachloroethane	2021/06/22	91	60 - 140	91	60 - 130	<0.050	ug/g	NC	50
7418761	1,1,2-Trichloroethane	2021/06/22	113	60 - 140	112	60 - 130	<0.050	ug/g	NC	50
7418761	1,1-Dichloroethane	2021/06/22	97	60 - 140	97	60 - 130	<0.050	ug/g	NC	50
7418761	1,1-Dichloroethylene	2021/06/22	110	60 - 140	107	60 - 130	<0.050	ug/g	NC	50
7418761	1,2-Dichlorobenzene	2021/06/22	100	60 - 140	99	60 - 130	<0.050	ug/g	NC	50
7418761	1,2-Dichloroethane	2021/06/22	111	60 - 140	112	60 - 130	<0.050	ug/g	NC	50
7418761	1,2-Dichloropropane	2021/06/22	98	60 - 140	98	60 - 130	<0.050	ug/g	NC	50
7418761	1,3-Dichlorobenzene	2021/06/22	99	60 - 140	99	60 - 130	<0.050	ug/g	NC	50
7418761	1,4-Dichlorobenzene	2021/06/22	116	60 - 140	111	60 - 130	<0.050	ug/g	NC	50
7418761	Acetone (2-Propanone)	2021/06/22	115	60 - 140	112	60 - 140	<0.50	ug/g	NC	50
7418761	Benzene	2021/06/22	91	60 - 140	90	60 - 130	<0.020	ug/g	NC	50
7418761	Bromodichloromethane	2021/06/22	107	60 - 140	108	60 - 130	<0.050	ug/g	NC	50
7418761	Bromoform	2021/06/22	100	60 - 140	101	60 - 130	<0.050	ug/g	NC	50
7418761	Bromomethane	2021/06/22	101	60 - 140	101	60 - 140	<0.050	ug/g	NC	50
7418761	Carbon Tetrachloride	2021/06/22	118	60 - 140	116	60 - 130	<0.050	ug/g	NC	50
7418761	Chlorobenzene	2021/06/22	95	60 - 140	92	60 - 130	<0.050	ug/g	NC	50
7418761	Chloroform	2021/06/22	104	60 - 140	104	60 - 130	<0.050	ug/g	NC	50
7418761	cis-1,2-Dichloroethylene	2021/06/22	100	60 - 140	100	60 - 130	<0.050	ug/g	NC	50
7418761	cis-1,3-Dichloropropene	2021/06/22	105	60 - 140	104	60 - 130	<0.030	ug/g	NC	50
7418761	Dibromochloromethane	2021/06/22	100	60 - 140	99	60 - 130	<0.050	ug/g	NC	50
7418761	Dichlorodifluoromethane (FREON 12)	2021/06/22	109	60 - 140	108	60 - 140	<0.050	ug/g	NC	50

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Site Location: 1250 SOUTH SERVICE RD., TORONTO

Sampler Initials: SP

QC Batch	Parameter	Date	Matrix Spike		SPIKED BLANK		Method Blank		RPD	
			% Recovery	QC Limits	% Recovery	QC Limits	Value	UNITS	Value (%)	QC Limits
7418761	Ethylbenzene	2021/06/22	94	60 - 140	90	60 - 130	<0.020	ug/g	NC	50
7418761	Ethylene Dibromide	2021/06/22	97	60 - 140	96	60 - 130	<0.050	ug/g	NC	50
7418761	F1 (C6-C10) - BTEX	2021/06/22					<10	ug/g	NC	30
7418761	F1 (C6-C10)	2021/06/22	88	60 - 140	89	80 - 120	<10	ug/g	NC	30
7418761	Hexane	2021/06/22	107	60 - 140	104	60 - 130	<0.050	ug/g	NC	50
7418761	Methyl Ethyl Ketone (2-Butanone)	2021/06/22	95	60 - 140	96	60 - 140	<0.50	ug/g	NC	50
7418761	Methyl Isobutyl Ketone	2021/06/22	117	60 - 140	121	60 - 130	<0.50	ug/g	NC	50
7418761	Methyl t-butyl ether (MTBE)	2021/06/22	100	60 - 140	97	60 - 130	<0.050	ug/g	NC	50
7418761	Methylene Chloride(Dichloromethane)	2021/06/22	109	60 - 140	109	60 - 130	<0.050	ug/g	NC	50
7418761	o-Xylene	2021/06/22	95	60 - 140	91	60 - 130	<0.020	ug/g	NC	50
7418761	p+m-Xylene	2021/06/22	98	60 - 140	94	60 - 130	<0.020	ug/g	2.4	50
7418761	Styrene	2021/06/22	101	60 - 140	99	60 - 130	<0.050	ug/g	NC	50
7418761	Tetrachloroethylene	2021/06/22	89	60 - 140	86	60 - 130	<0.050	ug/g	NC	50
7418761	Toluene	2021/06/22	90	60 - 140	87	60 - 130	<0.020	ug/g	2.2	50
7418761	Total Xylenes	2021/06/22					<0.020	ug/g	2.4	50
7418761	trans-1,2-Dichloroethylene	2021/06/22	99	60 - 140	98	60 - 130	<0.050	ug/g	NC	50
7418761	trans-1,3-Dichloropropene	2021/06/22	118	60 - 140	114	60 - 130	<0.040	ug/g	NC	50
7418761	Trichloroethylene	2021/06/22	105	60 - 140	103	60 - 130	<0.050	ug/g	NC	50
7418761	Trichlorofluoromethane (FREON 11)	2021/06/22	116	60 - 140	114	60 - 130	<0.050	ug/g	NC	50
7418761	Vinyl Chloride	2021/06/22	103	60 - 140	103	60 - 130	<0.020	ug/g	NC	50
7418899	Aroclor 1242	2021/06/21					<0.010	ug/g	NC	50
7418899	Aroclor 1248	2021/06/21					<0.010	ug/g	NC	50
7418899	Aroclor 1254	2021/06/21					<0.010	ug/g	NC	50
7418899	Aroclor 1260	2021/06/21	89	30 - 130	104	30 - 130	<0.010	ug/g	NC	50
7418899	Total PCB	2021/06/21	89	30 - 130	104	30 - 130	<0.010	ug/g	NC	50
7419121	Chromium (VI)	2021/06/21	32 (1)	70 - 130	91	80 - 120	<0.18	ug/g	NC	35
7419150	WAD Cyanide (Free)	2021/06/22	97	75 - 125	96	80 - 120	<0.01	ug/g	NC	35
7419234	Acid Extractable Antimony (Sb)	2021/06/22	109	75 - 125	104	80 - 120	<0.20	ug/g	NC	30
7419234	Acid Extractable Arsenic (As)	2021/06/22	116	75 - 125	102	80 - 120	<1.0	ug/g	NC	30
7419234	Acid Extractable Barium (Ba)	2021/06/22	118	75 - 125	105	80 - 120	<0.50	ug/g	0.28	30
7419234	Acid Extractable Beryllium (Be)	2021/06/22	118	75 - 125	101	80 - 120	<0.20	ug/g	NC	30

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Client Project #: 294348

Site Location: 1250 SOUTH SERVICE RD., TORONTO

Sampler Initials: SP

QC Batch	Parameter	Date	Matrix Spike		SPIKED BLANK		Method Blank		RPD	
			% Recovery	QC Limits	% Recovery	QC Limits	Value	UNITS	Value (%)	QC Limits
7419234	Acid Extractable Boron (B)	2021/06/22	110	75 - 125	98	80 - 120	<5.0	ug/g	NC	30
7419234	Acid Extractable Cadmium (Cd)	2021/06/22	111	75 - 125	100	80 - 120	<0.10	ug/g	NC	30
7419234	Acid Extractable Chromium (Cr)	2021/06/22	119	75 - 125	98	80 - 120	<1.0	ug/g	15	30
7419234	Acid Extractable Cobalt (Co)	2021/06/22	114	75 - 125	99	80 - 120	<0.10	ug/g	8.0	30
7419234	Acid Extractable Copper (Cu)	2021/06/22	112	75 - 125	101	80 - 120	<0.50	ug/g	3.2	30
7419234	Acid Extractable Lead (Pb)	2021/06/22	105	75 - 125	93	80 - 120	<1.0	ug/g	3.1	30
7419234	Acid Extractable Mercury (Hg)	2021/06/22	101	75 - 125	89	80 - 120	<0.050	ug/g	NC	30
7419234	Acid Extractable Molybdenum (Mo)	2021/06/22	112	75 - 125	99	80 - 120	<0.50	ug/g	NC	30
7419234	Acid Extractable Nickel (Ni)	2021/06/22	118	75 - 125	102	80 - 120	<0.50	ug/g	9.7	30
7419234	Acid Extractable Selenium (Se)	2021/06/22	112	75 - 125	100	80 - 120	<0.50	ug/g	NC	30
7419234	Acid Extractable Silver (Ag)	2021/06/22	111	75 - 125	100	80 - 120	<0.20	ug/g	NC	30
7419234	Acid Extractable Thallium (Tl)	2021/06/22	108	75 - 125	95	80 - 120	<0.050	ug/g	NC	30
7419234	Acid Extractable Uranium (U)	2021/06/22	107	75 - 125	94	80 - 120	<0.050	ug/g	2.1	30
7419234	Acid Extractable Vanadium (V)	2021/06/22	NC	75 - 125	102	80 - 120	<5.0	ug/g	9.7	30
7419234	Acid Extractable Zinc (Zn)	2021/06/22	116	75 - 125	102	80 - 120	<5.0	ug/g	5.2	30
7419242	Acid Extractable Antimony (Sb)	2021/06/22	100	75 - 125	98	80 - 120	<0.20	ug/g	NC	30
7419242	Acid Extractable Arsenic (As)	2021/06/22	101	75 - 125	99	80 - 120	<1.0	ug/g	NC	30
7419242	Acid Extractable Barium (Ba)	2021/06/22	107	75 - 125	94	80 - 120	<0.50	ug/g	7.1	30
7419242	Acid Extractable Beryllium (Be)	2021/06/22	95	75 - 125	95	80 - 120	<0.20	ug/g	NC	30
7419242	Acid Extractable Boron (B)	2021/06/22	93	75 - 125	94	80 - 120	<5.0	ug/g	NC	30
7419242	Acid Extractable Cadmium (Cd)	2021/06/22	99	75 - 125	98	80 - 120	<0.10	ug/g	NC	30
7419242	Acid Extractable Chromium (Cr)	2021/06/22	102	75 - 125	98	80 - 120	<1.0	ug/g	3.7	30
7419242	Acid Extractable Cobalt (Co)	2021/06/22	99	75 - 125	98	80 - 120	<0.10	ug/g	9.3	30
7419242	Acid Extractable Copper (Cu)	2021/06/22	96	75 - 125	95	80 - 120	<0.50	ug/g	2.6	30
7419242	Acid Extractable Lead (Pb)	2021/06/22	98	75 - 125	97	80 - 120	<1.0	ug/g	2.3	30
7419242	Acid Extractable Mercury (Hg)	2021/06/22	83	75 - 125	91	80 - 120	<0.050	ug/g	NC	30
7419242	Acid Extractable Molybdenum (Mo)	2021/06/22	101	75 - 125	98	80 - 120	<0.50	ug/g	NC	30
7419242	Acid Extractable Nickel (Ni)	2021/06/22	98	75 - 125	100	80 - 120	<0.50	ug/g	4.6	30
7419242	Acid Extractable Selenium (Se)	2021/06/22	100	75 - 125	103	80 - 120	<0.50	ug/g	NC	30
7419242	Acid Extractable Silver (Ag)	2021/06/22	97	75 - 125	97	80 - 120	<0.20	ug/g	NC	30
7419242	Acid Extractable Thallium (Tl)	2021/06/22	96	75 - 125	96	80 - 120	<0.050	ug/g	NC	30

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Sampler Initials: SP

QC Batch	Parameter	Date	Matrix Spike		SPIKED BLANK		Method Blank		RPD	
			% Recovery	QC Limits	% Recovery	QC Limits	Value	UNITS	Value (%)	QC Limits
7419242	Acid Extractable Uranium (U)	2021/06/22	98	75 - 125	99	80 - 120	<0.050	ug/g	7.1	30
7419242	Acid Extractable Vanadium (V)	2021/06/22	NC	75 - 125	98	80 - 120	<5.0	ug/g	5.4	30
7419242	Acid Extractable Zinc (Zn)	2021/06/22	98	75 - 125	98	80 - 120	<5.0	ug/g	3.4	30
7419390	Hot Water Ext. Boron (B)	2021/06/21	NC	75 - 125	101	75 - 125	<0.050	ug/g	6.3	40
7419393	Hot Water Ext. Boron (B)	2021/06/21	105	75 - 125	101	75 - 125	<0.050	ug/g	8.8	40
7420551	F2 (C10-C16 Hydrocarbons)	2021/06/22	108	50 - 130	107	80 - 120	<10	ug/g	NC	30
7420551	F3 (C16-C34 Hydrocarbons)	2021/06/22	111	50 - 130	110	80 - 120	<50	ug/g	NC	30
7420551	F4 (C34-C50 Hydrocarbons)	2021/06/22	113	50 - 130	112	80 - 120	<50	ug/g	NC	30
7420619	1-Methylnaphthalene	2021/06/22	112	50 - 130	108	50 - 130	<0.0050	ug/g	NC	40
7420619	2-Methylnaphthalene	2021/06/22	108	50 - 130	104	50 - 130	<0.0050	ug/g	NC	40
7420619	Acenaphthene	2021/06/22	101	50 - 130	96	50 - 130	<0.0050	ug/g	NC	40
7420619	Acenaphthylene	2021/06/22	90	50 - 130	87	50 - 130	<0.0050	ug/g	NC	40
7420619	Anthracene	2021/06/22	99	50 - 130	93	50 - 130	<0.0050	ug/g	NC	40
7420619	Benzo(a)anthracene	2021/06/22	105	50 - 130	99	50 - 130	<0.0050	ug/g	NC	40
7420619	Benzo(a)pyrene	2021/06/22	91	50 - 130	87	50 - 130	<0.0050	ug/g	NC	40
7420619	Benzo(b/j)fluoranthene	2021/06/22	103	50 - 130	101	50 - 130	<0.0050	ug/g	13	40
7420619	Benzo(g,h,i)perylene	2021/06/22	112	50 - 130	104	50 - 130	<0.0050	ug/g	16	40
7420619	Benzo(k)fluoranthene	2021/06/22	110	50 - 130	97	50 - 130	<0.0050	ug/g	NC	40
7420619	Chrysene	2021/06/22	111	50 - 130	102	50 - 130	<0.0050	ug/g	21	40
7420619	Dibenzo(a,h)anthracene	2021/06/22	110	50 - 130	91	50 - 130	<0.0050	ug/g	NC	40
7420619	Fluoranthene	2021/06/22	102	50 - 130	105	50 - 130	<0.0050	ug/g	29	40
7420619	Fluorene	2021/06/22	106	50 - 130	99	50 - 130	<0.0050	ug/g	NC	40
7420619	Indeno(1,2,3-cd)pyrene	2021/06/22	110	50 - 130	106	50 - 130	<0.0050	ug/g	NC	40
7420619	Naphthalene	2021/06/22	89	50 - 130	90	50 - 130	<0.0050	ug/g	NC	40
7420619	Phenanthrene	2021/06/22	103	50 - 130	98	50 - 130	<0.0050	ug/g	26	40
7420619	Pyrene	2021/06/22	105	50 - 130	105	50 - 130	<0.0050	ug/g	2.6	40
7421238	Benzene	2021/06/22	90	50 - 140	101	50 - 140	<0.020	ug/g	NC	50
7421238	Ethylbenzene	2021/06/22	96	50 - 140	115	50 - 140	<0.020	ug/g	0.27	50
7421238	F1 (C6-C10) - BTEX	2021/06/22					<10	ug/g	NC	30
7421238	F1 (C6-C10)	2021/06/22	67	60 - 140	87	80 - 120	<10	ug/g	NC	30
7421238	o-Xylene	2021/06/22	92	50 - 140	111	50 - 140	<0.020	ug/g	3.0	50

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BV Labs Job #: C1G7630

Report Date: 2021/06/28

QUALITY ASSURANCE REPORT(CONT'D)

Pinchin Ltd

Client Project #: 294348

Site Location: 1250 SOUTH SERVICE RD., TORONTO

Sampler Initials: SP

QC Batch	Parameter	Date	Matrix Spike		SPIKED BLANK		Method Blank		RPD	
			% Recovery	QC Limits	% Recovery	QC Limits	Value	UNITS	Value (%)	QC Limits
7421238	p+m-Xylene	2021/06/22	103	50 - 140	125	50 - 140	<0.040	ug/g	3.5	50
7421238	Toluene	2021/06/22	93	50 - 140	109	50 - 140	<0.020	ug/g	0.31	50
7421238	Total Xylenes	2021/06/22					<0.040	ug/g	3.3	50
7421450	1,1,1,2-Tetrachloroethane	2021/06/23	107	60 - 140	110	60 - 130	<0.040	ug/g	NC	50
7421450	1,1,1-Trichloroethane	2021/06/23	117	60 - 140	114	60 - 130	<0.040	ug/g	NC	50
7421450	1,1,2,2-Tetrachloroethane	2021/06/23	91	60 - 140	102	60 - 130	<0.040	ug/g	NC	50
7421450	1,1,2-Trichloroethane	2021/06/23	101	60 - 140	108	60 - 130	<0.040	ug/g	NC	50
7421450	1,1-Dichloroethane	2021/06/23	102	60 - 140	101	60 - 130	<0.040	ug/g	NC	50
7421450	1,1-Dichloroethylene	2021/06/23	108	60 - 140	102	60 - 130	<0.040	ug/g	NC	50
7421450	1,2-Dichlorobenzene	2021/06/23	99	60 - 140	101	60 - 130	<0.040	ug/g	NC	50
7421450	1,2-Dichloroethane	2021/06/23	103	60 - 140	107	60 - 130	<0.049	ug/g	NC	50
7421450	1,2-Dichloropropane	2021/06/23	101	60 - 140	102	60 - 130	<0.040	ug/g	NC	50
7421450	1,3-Dichlorobenzene	2021/06/23	98	60 - 140	97	60 - 130	<0.040	ug/g	NC	50
7421450	1,4-Dichlorobenzene	2021/06/23	116	60 - 140	115	60 - 130	<0.040	ug/g	NC	50
7421450	Acetone (2-Propanone)	2021/06/23	93	60 - 140	106	60 - 140	<0.49	ug/g	NC	50
7421450	Benzene	2021/06/23	98	60 - 140	97	60 - 130	<0.0060	ug/g	NC	50
7421450	Bromodichloromethane	2021/06/23	109	60 - 140	112	60 - 130	<0.040	ug/g	NC	50
7421450	Bromoform	2021/06/23	102	60 - 140	112	60 - 130	<0.040	ug/g	NC	50
7421450	Bromomethane	2021/06/23	104	60 - 140	102	60 - 140	<0.040	ug/g	NC	50
7421450	Carbon Tetrachloride	2021/06/23	116	60 - 140	112	60 - 130	<0.040	ug/g	NC	50
7421450	Chlorobenzene	2021/06/23	103	60 - 140	104	60 - 130	<0.040	ug/g	NC	50
7421450	Chloroform	2021/06/23	108	60 - 140	108	60 - 130	<0.040	ug/g	NC	50
7421450	cis-1,2-Dichloroethylene	2021/06/23	112	60 - 140	113	60 - 130	<0.040	ug/g	NC	50
7421450	cis-1,3-Dichloropropene	2021/06/23	100	60 - 140	101	60 - 130	<0.030	ug/g	NC	50
7421450	Dibromochloromethane	2021/06/23	119	60 - 140	106	60 - 130	<0.040	ug/g	NC	50
7421450	Dichlorodifluoromethane (FREON 12)	2021/06/23	101	60 - 140	97	60 - 140	<0.040	ug/g	NC	50
7421450	Ethylbenzene	2021/06/23	95	60 - 140	93	60 - 130	<0.010	ug/g	NC	50
7421450	Ethylene Dibromide	2021/06/23	94	60 - 140	102	60 - 130	<0.040	ug/g	NC	50
7421450	Hexane	2021/06/23	114	60 - 140	108	60 - 130	<0.040	ug/g	NC	50
7421450	Methyl Ethyl Ketone (2-Butanone)	2021/06/23	96	60 - 140	111	60 - 140	<0.40	ug/g	NC	50
7421450	Methyl Isobutyl Ketone	2021/06/23	101	60 - 140	116	60 - 130	<0.40	ug/g	NC	50

BUREAU
VERITAS

BV Labs Job #: C1G7630

Report Date: 2021/06/28

QUALITY ASSURANCE REPORT(CONT'D)

Pinchin Ltd

Client Project #: 294348

Site Location: 1250 SOUTH SERVICE RD., TORONTO

Sampler Initials: SP

QC Batch	Parameter	Date	Matrix Spike		SPIKED BLANK		Method Blank		RPD	
			% Recovery	QC Limits	% Recovery	QC Limits	Value	UNITS	Value (%)	QC Limits
7421450	Methyl t-butyl ether (MTBE)	2021/06/23	98	60 - 140	98	60 - 130	<0.040	ug/g	NC	50
7421450	Methylene Chloride(Dichloromethane)	2021/06/23	123	60 - 140	124	60 - 130	<0.049	ug/g	NC	50
7421450	o-Xylene	2021/06/23	97	60 - 140	99	60 - 130	<0.020	ug/g	NC	50
7421450	p+m-Xylene	2021/06/23	106	60 - 140	104	60 - 130	<0.020	ug/g	NC	50
7421450	Styrene	2021/06/23	118	60 - 140	122	60 - 130	<0.040	ug/g	NC	50
7421450	Tetrachloroethylene	2021/06/23	104	60 - 140	101	60 - 130	<0.040	ug/g	2.5	50
7421450	Toluene	2021/06/23	102	60 - 140	101	60 - 130	<0.020	ug/g	NC	50
7421450	Total Xylenes	2021/06/23					<0.020	ug/g	NC	50
7421450	trans-1,2-Dichloroethylene	2021/06/23	113	60 - 140	109	60 - 130	<0.040	ug/g	NC	50
7421450	trans-1,3-Dichloropropene	2021/06/23	104	60 - 140	107	60 - 130	<0.040	ug/g	NC	50
7421450	Trichloroethylene	2021/06/23	117	60 - 140	114	60 - 130	<0.010	ug/g	NC	50
7421450	Trichlorofluoromethane (FREON 11)	2021/06/23	114	60 - 140	109	60 - 130	<0.040	ug/g	NC	50
7421450	Vinyl Chloride	2021/06/23	103	60 - 140	98	60 - 130	<0.019	ug/g	NC	50
7421497	WAD Cyanide (Free)	2021/06/22	94	75 - 125	95	80 - 120	<0.01	ug/g	NC	35
7421526	Chromium (VI)	2021/06/22	84	70 - 130	92	80 - 120	<0.18	ug/g	NC	35
7421715	F2 (C10-C16 Hydrocarbons)	2021/06/22	107	50 - 130	110	80 - 120	<10	ug/g	NC	30
7421715	F3 (C16-C34 Hydrocarbons)	2021/06/22	111	50 - 130	112	80 - 120	<50	ug/g	0	30
7421715	F4 (C34-C50 Hydrocarbons)	2021/06/22	114	50 - 130	113	80 - 120	<50	ug/g	1.8	30
7422190	Available (CaCl2) pH	2021/06/22			100	97 - 103			0.055	N/A
7422294	Conductivity	2021/06/22			100	90 - 110	<0.002	mS/cm	2.1	10
7423996	Conductivity	2021/06/23			101	90 - 110	<0.002	mS/cm	2.8	10
7430750	Moisture	2021/06/25							6.6	20
7431718	1,1,1,2-Tetrachloroethane	2021/06/27	101	60 - 140	101	60 - 130	<0.040	ug/g	NC	50
7431718	1,1,1-Trichloroethane	2021/06/27	105	60 - 140	104	60 - 130	<0.040	ug/g	NC	50
7431718	1,1,2,2-Tetrachloroethane	2021/06/27	90	60 - 140	99	60 - 130	<0.040	ug/g	NC	50
7431718	1,1,2-Trichloroethane	2021/06/27	101	60 - 140	105	60 - 130	<0.040	ug/g	NC	50
7431718	1,1-Dichloroethane	2021/06/27	100	60 - 140	100	60 - 130	<0.040	ug/g	NC	50
7431718	1,1-Dichloroethylene	2021/06/27	107	60 - 140	104	60 - 130	<0.040	ug/g	NC	50
7431718	1,2-Dichlorobenzene	2021/06/27	98	60 - 140	98	60 - 130	<0.040	ug/g	NC	50
7431718	1,2-Dichloroethane	2021/06/27	94	60 - 140	99	60 - 130	<0.049	ug/g	NC	50
7431718	1,2-Dichloropropane	2021/06/27	99	60 - 140	102	60 - 130	<0.040	ug/g	NC	50

BUREAU
VERITAS

BV Labs Job #: C1G7630

Report Date: 2021/06/28

QUALITY ASSURANCE REPORT(CONT'D)

Pinchin Ltd

Client Project #: 294348

Site Location: 1250 SOUTH SERVICE RD., TORONTO

Sampler Initials: SP

QC Batch	Parameter	Date	Matrix Spike		SPIKED BLANK		Method Blank		RPD	
			% Recovery	QC Limits	% Recovery	QC Limits	Value	UNITS	Value (%)	QC Limits
7431718	1,3-Dichlorobenzene	2021/06/27	100	60 - 140	96	60 - 130	<0.040	ug/g	NC	50
7431718	1,4-Dichlorobenzene	2021/06/27	115	60 - 140	112	60 - 130	<0.040	ug/g	NC	50
7431718	Acetone (2-Propanone)	2021/06/27	93	60 - 140	105	60 - 140	<0.49	ug/g	NC	50
7431718	Benzene	2021/06/27	95	60 - 140	95	60 - 130	<0.0060	ug/g	NC	50
7431718	Bromodichloromethane	2021/06/27	100	60 - 140	104	60 - 130	<0.040	ug/g	NC	50
7431718	Bromoform	2021/06/27	92	60 - 140	99	60 - 130	<0.040	ug/g	NC	50
7431718	Bromomethane	2021/06/27	96	60 - 140	97	60 - 140	<0.040	ug/g	NC	50
7431718	Carbon Tetrachloride	2021/06/27	103	60 - 140	101	60 - 130	<0.040	ug/g	NC	50
7431718	Chlorobenzene	2021/06/27	100	60 - 140	99	60 - 130	<0.040	ug/g	NC	50
7431718	Chloroform	2021/06/27	100	60 - 140	101	60 - 130	<0.040	ug/g	NC	50
7431718	cis-1,2-Dichloroethylene	2021/06/27	99	60 - 140	101	60 - 130	<0.040	ug/g	NC	50
7431718	cis-1,3-Dichloropropene	2021/06/27	88	60 - 140	96	60 - 130	<0.030	ug/g	NC	50
7431718	Dibromochloromethane	2021/06/27	94	60 - 140	98	60 - 130	<0.040	ug/g	NC	50
7431718	Dichlorodifluoromethane (FREON 12)	2021/06/27	96	60 - 140	91	60 - 140	<0.040	ug/g	NC	50
7431718	Ethylbenzene	2021/06/27	98	60 - 140	96	60 - 130	<0.010	ug/g	NC	50
7431718	Ethylene Dibromide	2021/06/27	90	60 - 140	94	60 - 130	<0.040	ug/g	NC	50
7431718	Hexane	2021/06/27	107	60 - 140	106	60 - 130	<0.040	ug/g	NC	50
7431718	Methyl Ethyl Ketone (2-Butanone)	2021/06/27	96	60 - 140	111	60 - 140	<0.40	ug/g	NC	50
7431718	Methyl Isobutyl Ketone	2021/06/27	97	60 - 140	113	60 - 130	<0.40	ug/g	NC	50
7431718	Methyl t-butyl ether (MTBE)	2021/06/27	93	60 - 140	95	60 - 130	<0.040	ug/g	NC	50
7431718	Methylene Chloride(Dichloromethane)	2021/06/27	110	60 - 140	112	60 - 130	<0.049	ug/g	NC	50
7431718	o-Xylene	2021/06/27	98	60 - 140	96	60 - 130	<0.020	ug/g	NC	50
7431718	p+m-Xylene	2021/06/27	105	60 - 140	102	60 - 130	<0.020	ug/g	NC	50
7431718	Styrene	2021/06/27	109	60 - 140	110	60 - 130	<0.040	ug/g	NC	50
7431718	Tetrachloroethylene	2021/06/27	92	60 - 140	88	60 - 130	<0.040	ug/g	NC	50
7431718	Toluene	2021/06/27	101	60 - 140	99	60 - 130	<0.020	ug/g	NC	50
7431718	Total Xylenes	2021/06/27					<0.020	ug/g	NC	50
7431718	trans-1,2-Dichloroethylene	2021/06/27	105	60 - 140	103	60 - 130	<0.040	ug/g	NC	50
7431718	trans-1,3-Dichloropropene	2021/06/27	93	60 - 140	101	60 - 130	<0.040	ug/g	NC	50
7431718	Trichloroethylene	2021/06/27	104	60 - 140	103	60 - 130	<0.010	ug/g	NC	50
7431718	Trichlorofluoromethane (FREON 11)	2021/06/27	104	60 - 140	100	60 - 130	<0.040	ug/g	NC	50

BUREAU
VERITAS

BV Labs Job #: C1G7630

Report Date: 2021/06/28

QUALITY ASSURANCE REPORT(CONT'D)

Pinchin Ltd

Client Project #: 294348

Site Location: 1250 SOUTH SERVICE RD., TORONTO

Sampler Initials: SP

QC Batch	Parameter	Date	Matrix Spike		SPIKED BLANK		Method Blank		RPD	
			% Recovery	QC Limits	% Recovery	QC Limits	Value	UNITS	Value (%)	QC Limits
7431718	Vinyl Chloride	2021/06/27	104	60 - 140	100	60 - 130	<0.019	ug/g	NC	50

N/A = Not Applicable

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

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

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

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

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

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

NC (Duplicate RPD): The duplicate RPD was not calculated. The concentration in the sample and/or duplicate was too low to permit a reliable RPD calculation (absolute difference $\leq 2 \times \text{RDL}$).

(1) The matrix spike recovery was below the lower control limit. This may be due in part to the reducing environment of the sample. The matrix spike was reanalyzed to confirm result



FUNDAMENTAL LABORATORY ACCEPTANCE GUIDELINE

Invoice To:

Pinchin Ltd
ATTN: Accounts Payable
2470 Milltower Crt
Mississauga, ON
CANADA L5N 7W5
Client Contact:
Toby Glanville

BV Labs Job #: C1G7630
Date Received: 2021/06/17
Your C.O.C. #: 831305-02-01
Your Project #: 294348
BV Labs Project Manager: Antonella Brasil
Quote #: A70927

- ☒ Bottles in shipment but not listed on Chain of Custody
☒ Labelling issue (missing/incorrect)

Report Comments

Received Date:	<u>2021/06/17</u>	Time:	<u>19:06</u>	By:	<u>ATM</u>
Inspected Date:	<u>2021/06/17</u>	Time:	<u>20:49</u>	By:	<u>ATM</u>
FLAG Created Date:	<u>2021/06/17</u>	Time:	<u>20:50</u>	By:	<u>JA5</u>



BUREAU
VERITAS

BV Labs Job #: C1G7630

Report Date: 2021/06/28

Pinchin Ltd

Client Project #: 294348

Site Location: 1250 SOUTH SERVICE RD., TORONTO

Sampler Initials: SP

VALIDATION SIGNATURE PAGE

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

Anastassia Hamanov, Scientific Specialist

Brad Newman, B.Sc., C.Chem., Scientific Service Specialist

BV Labs has procedures in place to guard against improper use of the electronic signature and have the required "signatories", as per ISO/IEC 17025, signing the reports. For Service Group specific validation please refer to the Validation Signature Page.



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

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17-Jun-21 19:06

Antonella Brasil



C1G7630

ATM

ENV-893

COC #:



C#831305-02-01

only:

Bottle Order #:



831305

Project Manager:

Antonella Brasil

INVOICE TO:
Company Name: #3103 Pinchin Ltd
Attention: Accounts Payable
Address: 2470 Milltower Crt
Mississauga ON L5N 7W5
Tel: (905) 363-0678 Fax: (905) 363-0681
Email: ap@pinchin.com

REPORT TO:
Company Name: Toby Glanville
Attention: Toby Glanville
Address:
Tel: (905) 363-0678 Ext: 1313 Fax: (905) 363-0681
Email: tglanville@pinchin.com

PROJECT INFORMATION:
Quotation #: A70927
P.O. #:
Project: 294348
Project Name:
Site #: 1250 with service ed. Toronto
Sampled By: SP

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

Regulation 153 (2011)
☐ Table 1 ☒ Res/Park ☐ Medium/Fine
☒ Table 2 ☐ Ind/Comm ☒ Coarse
☐ Table 3 ☐ Agri/Other ☒ For RSC
☐ Table

Other Regulations
☐ CCME ☐ Sanitary Sewer Bylaw
☐ Reg 558 ☐ Storm Sewer Bylaw
☐ MISA Municipality
☐ PWQO ☐ Reg 406 Table
☐ Other

Special Instructions

FOR RSC

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

Field Filtered (please circle):
Metals / Hg / Cr VI

VOC
PHC (H-FW)
PAH
BTEX
METH & inorganic
RES 153

ANALYSIS REQUESTED (PLEASE BE SPECIFIC)

Turnaround Time (TAT) Required:

Please provide advance notice for rush projects

Regular (Standard) TAT:

(will be applied if Rush TAT is not specified):

Standard TAT = 5-7 Working days for most tests.

Please note: Standard TAT for certain tests such as BOD and Dioxins/Furans are > 5 days - contact your Project Manager for details.

Job Specific Rush TAT (if applies to entire submission)

Date Required: Time Required:

Rush Confirmation Number:

(call lab for #)

Sample Barcode Label	Sample (Location) Identification	Date Sampled	Time Sampled	Matrix	Field Filtered (please circle): Metals / Hg / Cr VI	VOC	PHC (H-FW)	PAH	BTEX	METH & inorganic RES 153	# of Bottles	Comments
1	MW21-19 S1	21/06/17	8:55	S. 1							5	Hold
2	MW21-19 S4		9:05								5	Hold
3	MW21-19 S5		9:10			X	X	X			4	
4	MW21-19 S7		9:17								5	Hold
5	DUP1-170621		—			X	X	X			4	
6	MW21-12 S1		12:40				X	X	X	X	5	No PH reporting on MET analysis
7	MW21-12 S2		12:45								5	Hold
8	MW21-12 S4		12:50			X	X	X			4	
9	DUP2-170621		—				X	X	X	X	5	
10	MW21-28 S4		10:50			X					4	

RELINQUISHED BY: (Signature/Print)	Date: (YY/MM/DD)	Time	RECEIVED BY: (Signature/Print)	Date: (YY/MM/DD)	Time	# jars used and not submitted	Laboratory Use Only				
Shawn Siavash Parsi	21/06/17	17:35	Fu/HG/PAH/PAH/Fedex	20/06/17	19:06		Time Sensitive	Temperature (°C) on Reel	Custody Seal	Yes	No
								7/7/1 1/5/0	Present Intact	✓	

* UNLESS OTHERWISE AGREED TO IN WRITING, WORK SUBMITTED ON THIS CHAIN OF CUSTODY IS SUBJECT TO BV LABS' STANDARD TERMS AND CONDITIONS. SIGNING OF THIS CHAIN OF CUSTODY DOCUMENT IS ACKNOWLEDGMENT AND ACCEPTANCE OF OUR TERMS WHICH ARE AVAILABLE FOR VIEWING AT WWW.BVLABS.COM/TERMS-AND-CONDITIONS.

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

SAMPLE CONTAINER, PRESERVATION, HOLD TIME AND PACKAGE INFORMATION CAN BE VIEWED AT WWW.BVLABS.COM/RESOURCES/CHAIN-OF-CUSTODY-FORMS.

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

White: BV Labs Yellow: Client

Bureau Veritas Canada (2019) Inc.

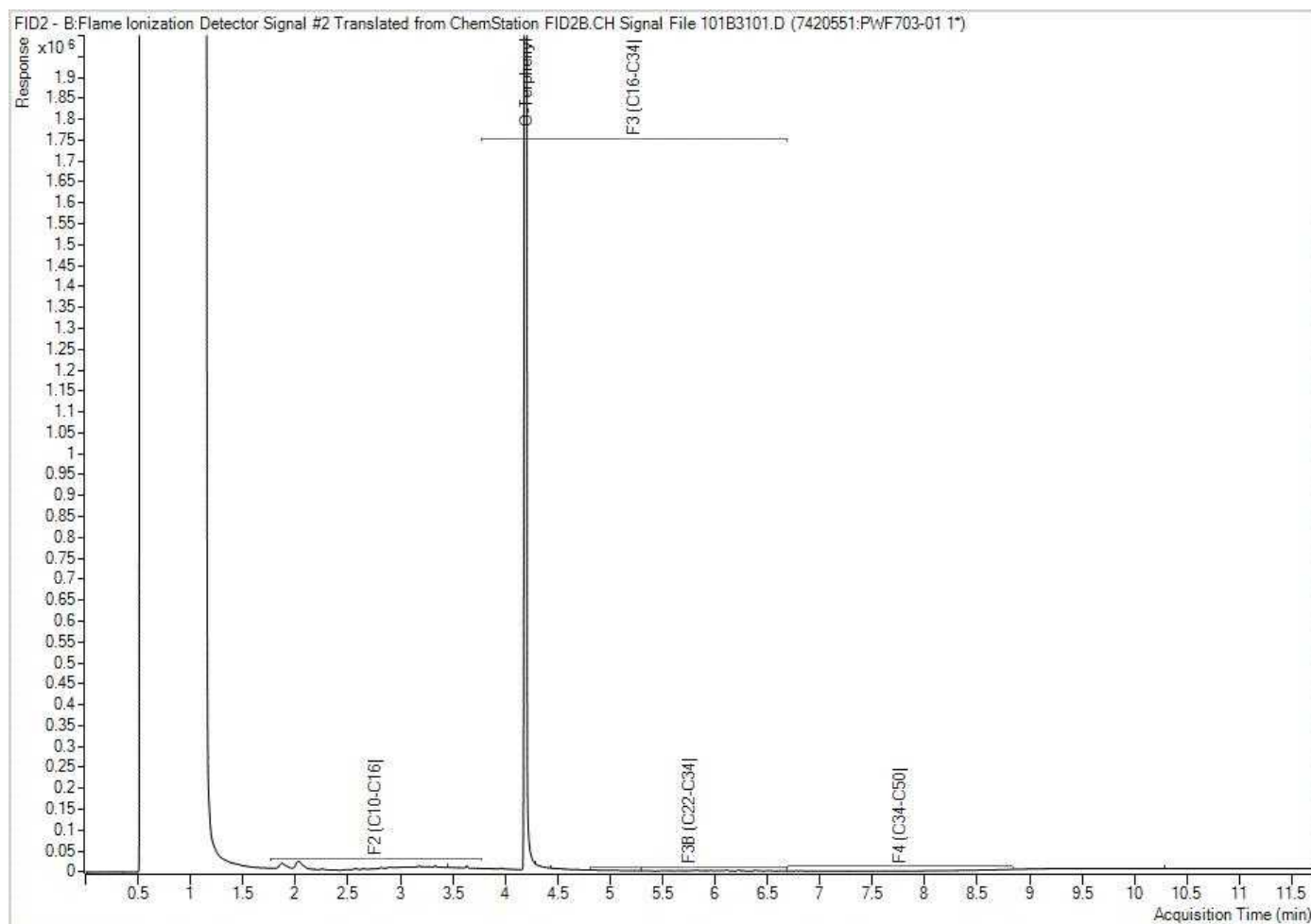


INVOICE TO:			REPORT TO:			PROJECT INFORMATION:			Laboratory Use Only:								
Company Name: #3103 Pinchin Ltd			Company Name: Toby Gianville			Quotation #: A70927			BV Labs Job #:		Bottle Order #:						
Attention: Accounts Payable			Attention: Toby Gianville			P.O. #:											
Address: 2470 Milltower Crt			Address:			Project: 294348			COC #:		Project Manager:						
Mississauga ON L5N 7W5						Project Name:					Antonella Brasil						
Tel: (905) 363-0678			Tel: (905) 363-0678 Ext: 1313			Site #: 1250 South Service Rd, Toronto			C#831305-04-01								
Email: ap@pinchin.com			Email: tgianville@pinchin.com			Sampled By: SP											
MOE REGULATED DRINKING WATER OR WATER INTENDED FOR HUMAN CONSUMPTION MUST BE SUBMITTED ON THE BV LABS DRINKING WATER CHAIN OF CUSTODY						ANALYSIS REQUESTED (PLEASE BE SPECIFIC)						Turnaround Time (TAT) Required:					
Regular 153 (2011)			Other Regulations			Special Instructions			Field Filtered (please circle):			Regular (Standard) TAT:					
☐ Table 1 ☒ Res/Park ☐ Medium/Fine			☐ CCME ☐ Sanitary Sewer Bylaw			FOR RSC			Metals / Hg / Cr / V			(will be applied if Rush TAT is not specified):					
☒ Table 2 ☐ Ind/Comm ☒ Coarse			☐ Reg 558 ☐ Storm Sewer Bylaw						EC / SAR			Standard TAT = 5-7 Working days for most tests.					
☐ Table 3 ☐ Agri/Other ☒ For RSC			☐ MISA Municipality						VOCs			Please note: Standard TAT for certain tests such as BOD and Dioxins/Furans are > 5 days - contact your Project Manager for details.					
☐ Table			☐ PWQO ☐ Reg 406 Table						BTEX			Job Specific Rush TAT (if applies to entire submission)					
			☐ Other						PAHs			Date Required: Time Required:					
									PCB			Rush Confirmation Number: (call lab for #)					
									Reg 153/04 Metals & Inorganic			# of Bottles Comments					
Include Criteria on Certificate of Analysis (Y/N)?																	
Sample Barcode Label		Sample (Location) Identification		Date Sampled	Time Sampled	Matrix											
1		MW21-20 S1		21/06/17	14:25	Soil									5		
2		MW21-20 S3			14:30										5 Hold		
3		MW21-20 S5			14:35										5 Hold		
4		MW21-20 S6			14:40										4		
5		BH21-26 S1			16:05										6 no pH reporting on M&T analysis		
6		BH21-26 S2			16:00										4		
7		BH21-26 S3			16:10										5 Hold		
8																	
9																	
10																	
RELINQUISHED BY: (Signature/Print)			Date: (YY/MM/DD)	Time	RECEIVED BY: (Signature/Print)			Date: (YY/MM/DD)	Time	# jars used and not submitted	Laboratory Use Only						
Bouch / Siavash Pers.			21/06/17	17:35	See page						Time Sensitive	Temperature (°C) on Recc	Custody Seal	Yes	No		
													Present				
													Intact				
* UNLESS OTHERWISE AGREED TO IN WRITING, WORK SUBMITTED ON THIS CHAIN OF CUSTODY IS SUBJECT TO BV LABS' STANDARD TERMS AND CONDITIONS. SIGNING OF THIS CHAIN OF CUSTODY DOCUMENT IS ACKNOWLEDGMENT AND ACCEPTANCE OF OUR TERMS WHICH ARE AVAILABLE FOR VIEWING AT WWW.BVLABS.COM/TERMS-AND-CONDITIONS.											White: BV Labs Yellow: Client						
* IT IS THE RESPONSIBILITY OF THE RELINQUISHER TO ENSURE THE ACCURACY OF THE CHAIN OF CUSTODY RECORD. AN INCOMPLETE CHAIN OF CUSTODY MAY RESULT IN ANALYTICAL TAT DELAYS.											SAMPLES MUST BE KEPT COOL (< 10° C) FROM TIME OF SAMPLING UNTIL DELIVERY TO BV LABS						
** SAMPLE CONTAINER, PRESERVATION, HOLD TIME AND PACKAGE INFORMATION CAN BE VIEWED AT WWW.BVLABS.COM/RESOURCES/CHAIN-OF-CUSTODY-FORMS.																	

BV Labs Job #: C1G7630
Report Date: 2021/06/28
BV Labs Sample: PWF703

Pinchin Ltd
Client Project #: 294348
Project name: 1250 SOUTH SERVICE RD., TORONTO
Client ID: MW21-19 S5

Petroleum Hydrocarbons F2-F4 in Soil Chromatogram

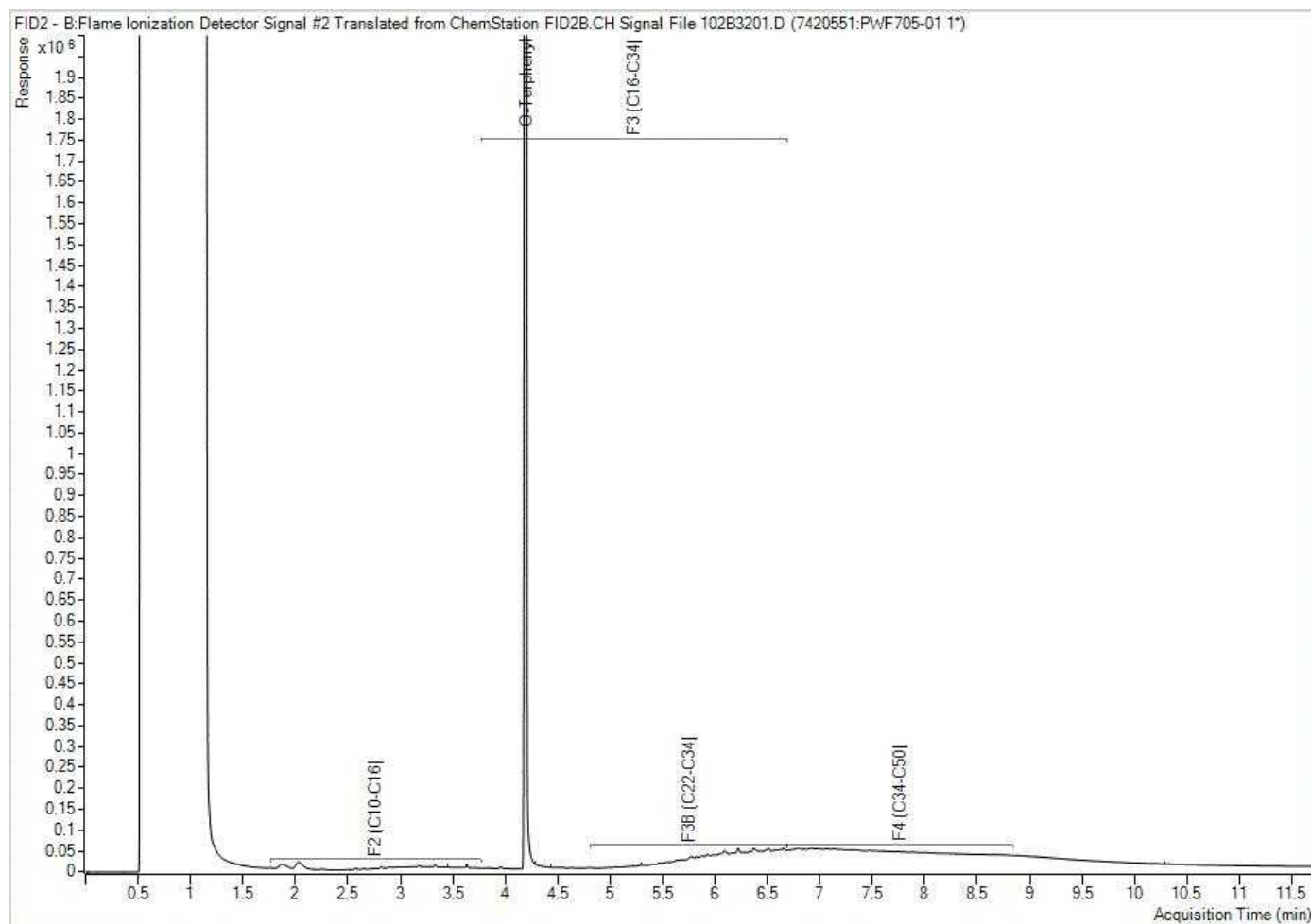


Note: This information is provided for reference purposes only. Should detailed chemist interpretation or fingerprinting be required, please contact the laboratory.

BV Labs Job #: C1G7630
Report Date: 2021/06/28
BV Labs Sample: PWF705

Pinchin Ltd
Client Project #: 294348
Project name: 1250 SOUTH SERVICE RD., TORONTO
Client ID: DUP1-170621

Petroleum Hydrocarbons F2-F4 in Soil Chromatogram

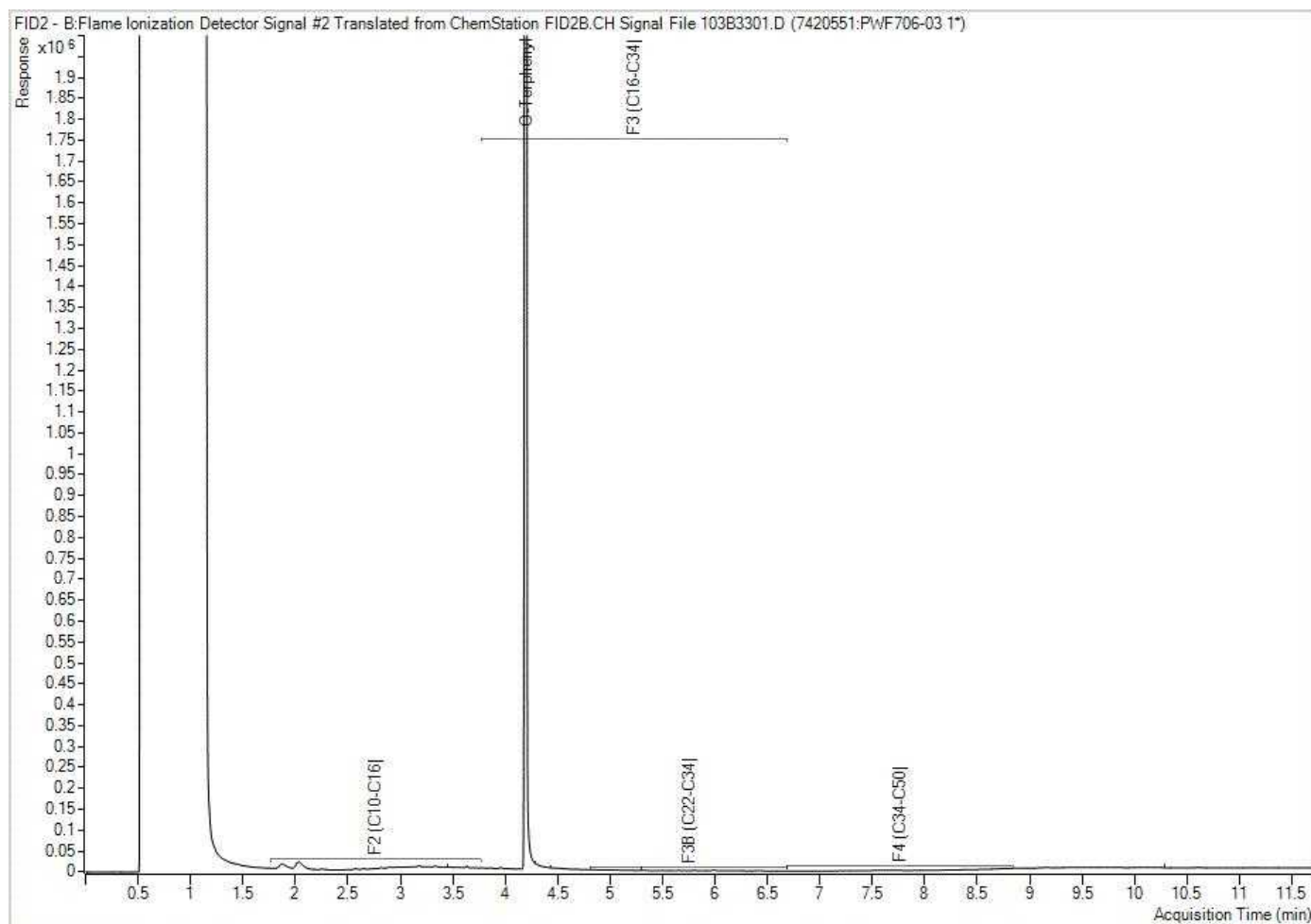


Note: This information is provided for reference purposes only. Should detailed chemist interpretation or fingerprinting be required, please contact the laboratory.

BV Labs Job #: C1G7630
Report Date: 2021/06/28
BV Labs Sample: PWF706

Pinchin Ltd
Client Project #: 294348
Project name: 1250 SOUTH SERVICE RD., TORONTO
Client ID: MW21-12 S1

Petroleum Hydrocarbons F2-F4 in Soil Chromatogram

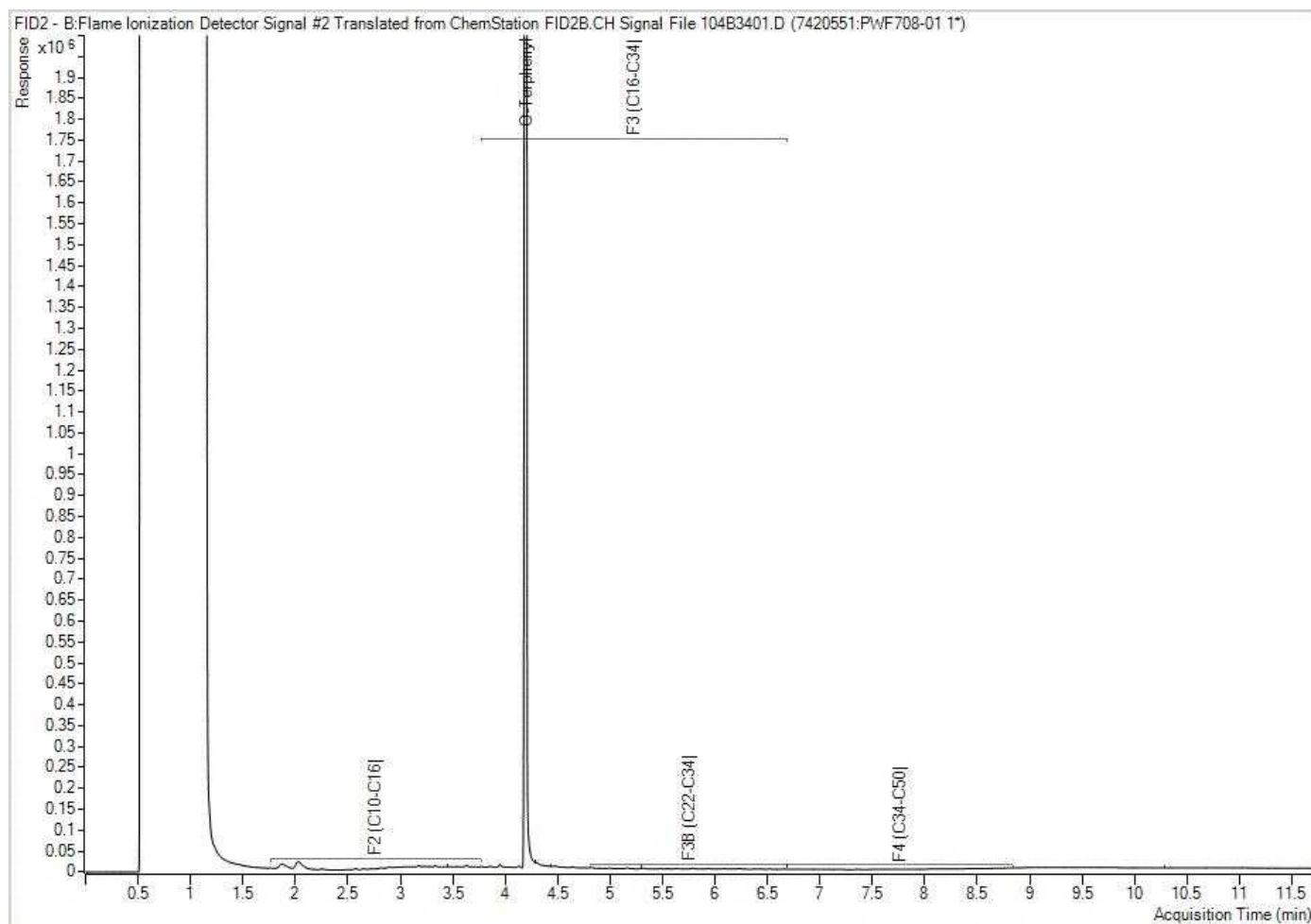


Note: This information is provided for reference purposes only. Should detailed chemist interpretation or fingerprinting be required, please contact the laboratory.

BV Labs Job #: C1G7630
Report Date: 2021/06/28
BV Labs Sample: PWF708

Pinchin Ltd
Client Project #: 294348
Project name: 1250 SOUTH SERVICE RD., TORONTO
Client ID: MW21-12 S4

Petroleum Hydrocarbons F2-F4 in Soil Chromatogram

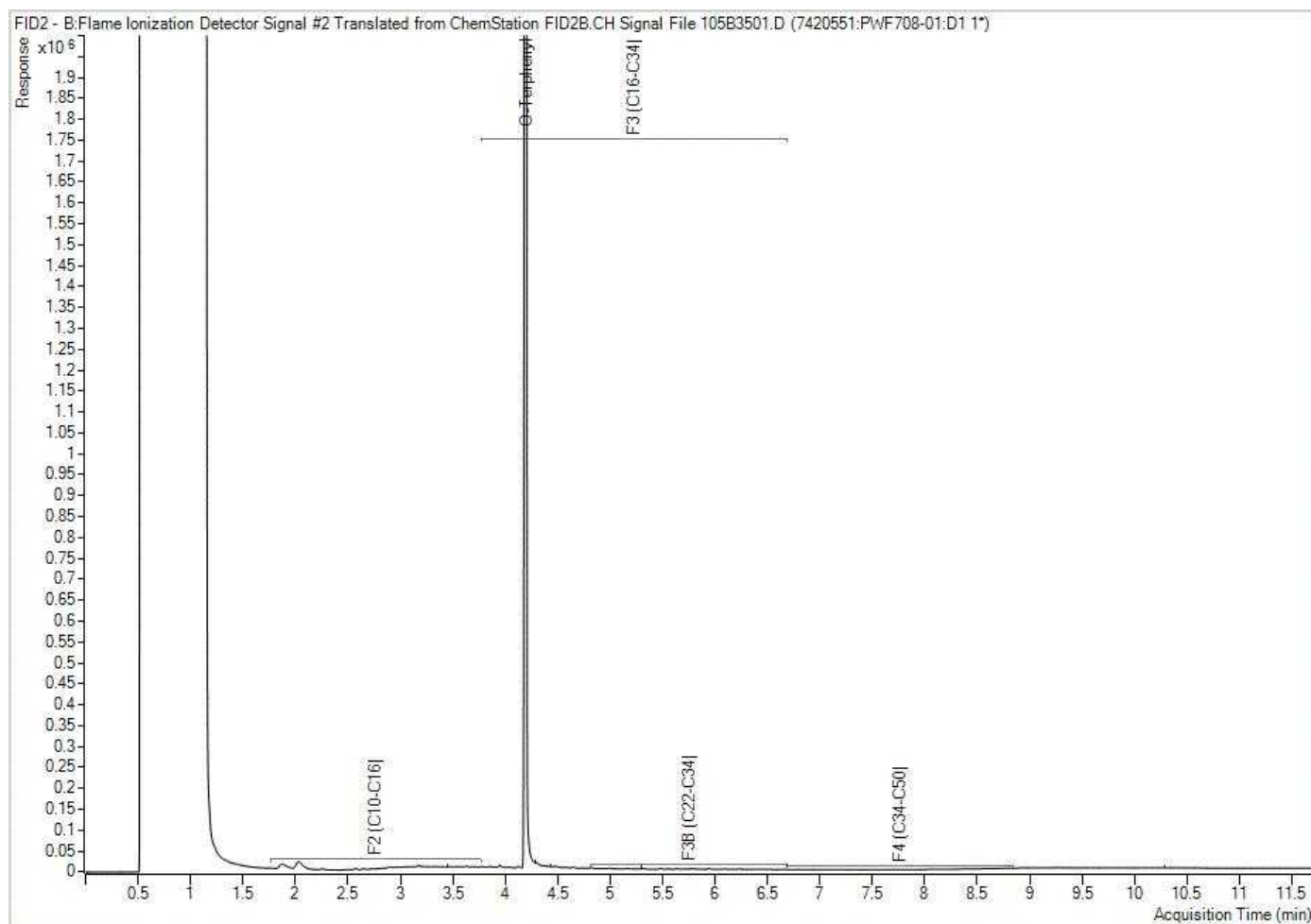


Note: This information is provided for reference purposes only. Should detailed chemist interpretation or fingerprinting be required, please contact the laboratory.

BV Labs Job #: C1G7630
Report Date: 2021/06/28
BV Labs Sample: PWF708 Lab-Dup

Pinchin Ltd
Client Project #: 294348
Project name: 1250 SOUTH SERVICE RD., TORONTO
Client ID: MW21-12 S4

Petroleum Hydrocarbons F2-F4 in Soil Chromatogram

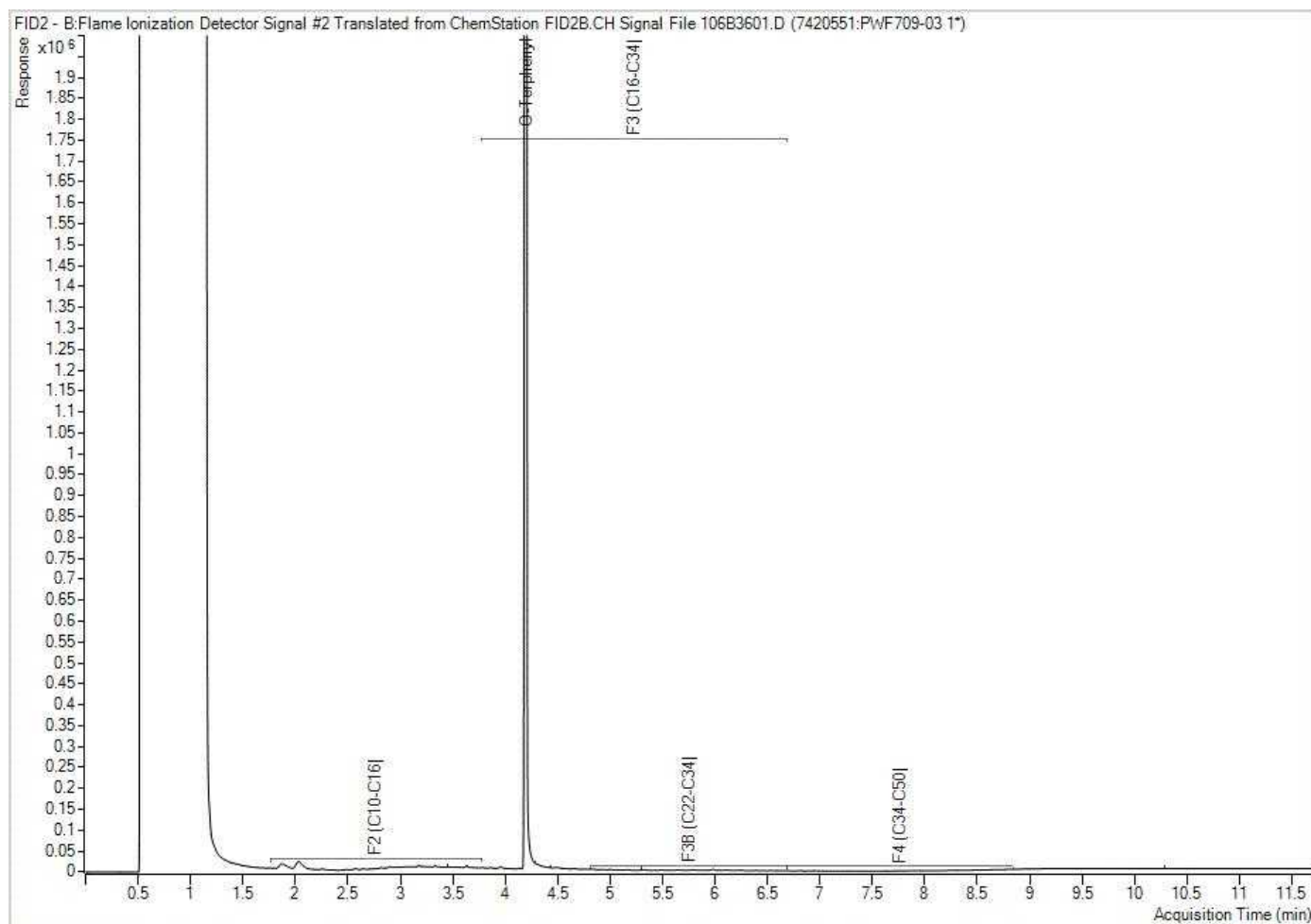


Note: This information is provided for reference purposes only. Should detailed chemist interpretation or fingerprinting be required, please contact the laboratory.

BV Labs Job #: C1G7630
Report Date: 2021/06/28
BV Labs Sample: PWF709

Pinchin Ltd
Client Project #: 294348
Project name: 1250 SOUTH SERVICE RD., TORONTO
Client ID: DUP2-170621

Petroleum Hydrocarbons F2-F4 in Soil Chromatogram

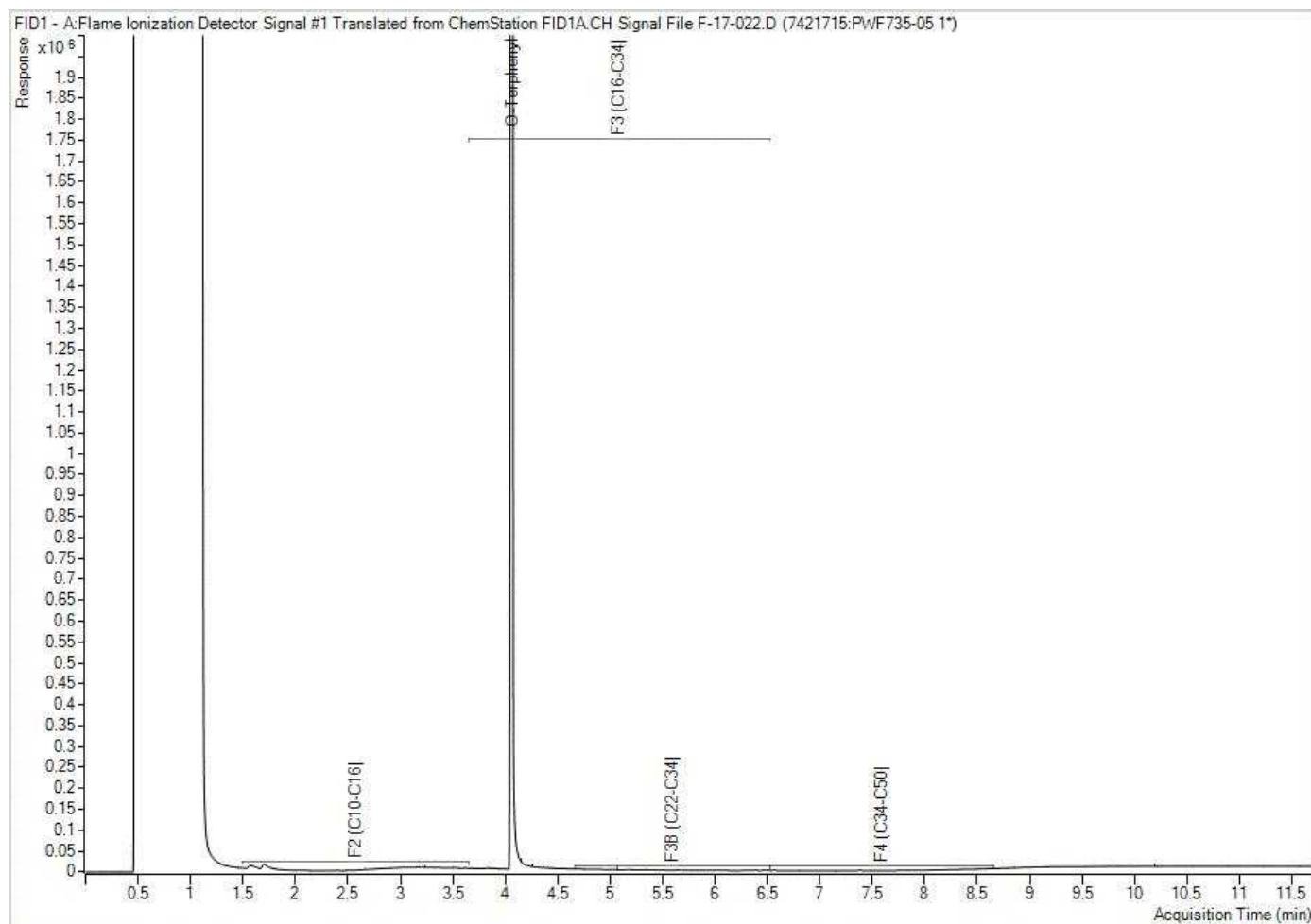


Note: This information is provided for reference purposes only. Should detailed chemist interpretation or fingerprinting be required, please contact the laboratory.

BV Labs Job #: C1G7630
Report Date: 2021/06/28
BV Labs Sample: PWF735

Pinchin Ltd
Client Project #: 294348
Project name: 1250 SOUTH SERVICE RD., TORONTO
Client ID: BH21-26 S1

Petroleum Hydrocarbons F2-F4 in Soil Chromatogram



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



Your Project #: 294348
Site Location: 1250 SOUTH SERVICE RD, TORONTO
Your C.O.C. #: 831305-03-01

Attention: Toby Glanville

Pinchin Ltd
2470 Milltower Crt
Mississauga, ON
CANADA L5N 7W5

Report Date: 2021/06/25
Report #: R6693025
Version: 1 - Final

CERTIFICATE OF ANALYSIS

BV LABS JOB #: C1G7642

Received: 2021/06/17, 19:06

Sample Matrix: Soil
Samples Received: 1

Analyses	Quantity	Date	Date	Laboratory Method	Analytical Method
		Extracted	Analyzed		
Cyanide (WAD) in Leachates	1	N/A	2021/06/24	CAM SOP-00457	OMOE 3015 m
Fluoride by ISE in Leachates	1	2021/06/24	2021/06/25	CAM SOP-00449	SM 23 4500-F- C m
Total Metals in TCLP Leachate by ICPMS	1	2021/06/24	2021/06/24	CAM SOP-00447	EPA 6020B m
Nitrate(NO3) + Nitrite(NO2) in Leachate	1	N/A	2021/06/25	CAM SOP-00440	SM 23 4500-NO3I/NO2B
TCLP - % Solids	1	2021/06/23	2021/06/24	CAM SOP-00401	EPA 1311 Update I m
TCLP - Extraction Fluid	1	N/A	2021/06/24	CAM SOP-00401	EPA 1311 Update I m
TCLP - Initial and final pH	1	N/A	2021/06/24	CAM SOP-00401	EPA 1311 Update I m
TCLP Zero Headspace Extraction	1	2021/06/21	2021/06/22	CAM SOP-00430	EPA 1311 m
VOCs in ZHE Leachates	1	2021/06/22	2021/06/22	CAM SOP-00228	EPA 8260C m

Remarks:

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

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

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

Solid sample results, except biota, are based on dry weight unless otherwise indicated. Organic analyses are not recovery corrected except for isotope dilution methods.

Results relate to samples tested. When sampling is not conducted by Bureau Veritas, results relate to the supplied samples tested.

This Certificate shall not be reproduced except in full, without the written approval of the laboratory.

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

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



Your Project #: 294348
Site Location: 1250 SOUTH SERVICE RD, TORONTO
Your C.O.C. #: 831305-03-01

Attention: Toby Glanville

Pinchin Ltd
2470 Milltower Crt
Mississauga, ON
CANADA L5N 7W5

Report Date: 2021/06/25
Report #: R6693025
Version: 1 - Final

CERTIFICATE OF ANALYSIS

BV LABS JOB #: C1G7642
Received: 2021/06/17, 19:06

Encryption Key

Please direct all questions regarding this Certificate of Analysis to your Project Manager.
Antonella Brasil, Senior Project Manager
Email: Antonella.Brasil@bureauveritas.com
Phone# (905)817-5817

=====

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BV Labs has procedures in place to guard against improper use of the electronic signature and have the required "signatories", as per ISO/IEC 17025, signing the reports. For Service Group specific validation please refer to the Validation Signature Page.



BV Labs Job #: C1G7642
Report Date: 2021/06/25

Pinchin Ltd
Client Project #: 294348
Site Location: 1250 SOUTH SERVICE RD, TORONTO
Sampler Initials: SP

O.REG 558 TCLP INORGANICS PACKAGE (SOIL)

BV Labs ID		PWF750			
Sampling Date		2021/06/17 12:00			
COC Number		831305-03-01			
	UNITS	TCLP	RDL	MDL	QC Batch
Inorganics					
Leachable Fluoride (F-)	mg/L	0.14	0.10	0.020	7427052
Leachable WAD Cyanide (Free)	mg/L	<0.010	0.010	0.0050	7427060
Leachable Nitrite (N)	mg/L	<0.10	0.10	0.050	7427059
Leachable Nitrate (N)	mg/L	<1.0	1.0	0.20	7427059
Leachable Nitrate + Nitrite (N)	mg/L	<1.0	1.0	0.20	7427059
Metals					
Leachable Arsenic (As)	mg/L	<0.2	0.2	0.01	7427366
Leachable Barium (Ba)	mg/L	0.4	0.2	0.01	7427366
Leachable Boron (B)	mg/L	0.2	0.1	0.02	7427366
Leachable Cadmium (Cd)	mg/L	<0.05	0.05	0.0007	7427366
Leachable Chromium (Cr)	mg/L	<0.1	0.1	0.01	7427366
Leachable Lead (Pb)	mg/L	<0.1	0.1	0.001	7427366
Leachable Mercury (Hg)	mg/L	<0.001	0.001	0.0005	7427366
Leachable Selenium (Se)	mg/L	<0.1	0.1	0.01	7427366
Leachable Silver (Ag)	mg/L	<0.01	0.01	0.001	7427366
Leachable Uranium (U)	mg/L	<0.01	0.01	0.001	7427366
RDL = Reportable Detection Limit					
QC Batch = Quality Control Batch					



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BV Labs Job #: C1G7642
Report Date: 2021/06/25

Pinchin Ltd
Client Project #: 294348
Site Location: 1250 SOUTH SERVICE RD, TORONTO
Sampler Initials: SP

TCLP LEACHATE PREPARATION (SOIL)

BV Labs ID		PWF750			
Sampling Date		2021/06/17 12:00			
COC Number		831305-03-01			
	UNITS	TCLP	RDL	MDL	QC Batch
Inorganics					
Final pH	pH	6.42			7425249
Initial pH	pH	9.32			7425249
TCLP - % Solids	%	100	0.2	N/A	7425247
TCLP Extraction Fluid	N/A	FLUID1			7425248
RDL = Reportable Detection Limit QC Batch = Quality Control Batch N/A = Not Applicable					



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BV Labs Job #: C1G7642
Report Date: 2021/06/25

Pinchin Ltd
Client Project #: 294348
Site Location: 1250 SOUTH SERVICE RD, TORONTO
Sampler Initials: SP

O.REG 558 TCLP VOCs BY HS (SOIL)

BV Labs ID		PWF750			
Sampling Date		2021/06/17 12:00			
COC Number		831305-03-01			
	UNITS	TCLP	RDL	MDL	QC Batch
Charge/Prep Analysis					
Amount Extracted (Wet Weight) (g)	N/A	23	N/A	N/A	7419733
Volatile Organics					
Leachable Benzene	mg/L	<0.020	0.020	0.0020	7422117
Leachable Carbon Tetrachloride	mg/L	<0.020	0.020	0.0020	7422117
Leachable Chlorobenzene	mg/L	<0.020	0.020	0.0020	7422117
Leachable Chloroform	mg/L	<0.020	0.020	0.0020	7422117
Leachable 1,2-Dichlorobenzene	mg/L	<0.050	0.050	0.0040	7422117
Leachable 1,4-Dichlorobenzene	mg/L	<0.050	0.050	0.0040	7422117
Leachable 1,2-Dichloroethane	mg/L	<0.050	0.050	0.0040	7422117
Leachable 1,1-Dichloroethylene	mg/L	<0.020	0.020	0.0020	7422117
Leachable Methylene Chloride(Dichloromethane)	mg/L	<0.20	0.20	0.010	7422117
Leachable Methyl Ethyl Ketone (2-Butanone)	mg/L	<1.0	1.0	1.0	7422117
Leachable Tetrachloroethylene	mg/L	<0.020	0.020	0.0020	7422117
Leachable Trichloroethylene	mg/L	<0.020	0.020	0.0020	7422117
Leachable Vinyl Chloride	mg/L	<0.020	0.020	0.0040	7422117
Surrogate Recovery (%)					
Leachable 4-Bromofluorobenzene	%	98			7422117
Leachable D4-1,2-Dichloroethane	%	100			7422117
Leachable D8-Toluene	%	97			7422117
RDL = Reportable Detection Limit QC Batch = Quality Control Batch N/A = Not Applicable					



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BV Labs Job #: C1G7642
Report Date: 2021/06/25

Pinchin Ltd
Client Project #: 294348
Site Location: 1250 SOUTH SERVICE RD, TORONTO
Sampler Initials: SP

TEST SUMMARY

BV Labs ID: PWF750
Sample ID: TCLP
Matrix: Soil

Collected: 2021/06/17
Shipped:
Received: 2021/06/17

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Cyanide (WAD) in Leachates	SKAL/CN	7427060	N/A	2021/06/24	Aditiben Patel
Fluoride by ISE in Leachates	ISE	7427052	2021/06/24	2021/06/25	Yogesh Patel
Total Metals in TCLP Leachate by ICPMS	ICP1/MS	7427366	2021/06/24	2021/06/24	Azita Fazaeli
Nitrate(NO3) + Nitrite(NO2) in Leachate	LACH	7427059	N/A	2021/06/25	Chandra Nandlal
TCLP - % Solids	BAL	7425247	2021/06/23	2021/06/24	Jian (Ken) Wang
TCLP - Extraction Fluid		7425248	N/A	2021/06/24	Jian (Ken) Wang
TCLP - Initial and final pH	PH	7425249	N/A	2021/06/24	Jian (Ken) Wang
TCLP Zero Headspace Extraction		7419733	2021/06/21	2021/06/22	Omer Imtiaz Uddin
VOCs in ZHE Leachates	GC/MS	7422117	2021/06/22	2021/06/22	Ancheol Jeong



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BV Labs Job #: C1G7642

Report Date: 2021/06/25

Pinchin Ltd

Client Project #: 294348

Site Location: 1250 SOUTH SERVICE RD, TORONTO

Sampler Initials: SP

GENERAL COMMENTS

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

Package 1	5.0°C
Package 2	2.0°C

Results relate only to the items tested.

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BV Labs Job #: C1G7642

Report Date: 2021/06/25

QUALITY ASSURANCE REPORT

Pinchin Ltd

Client Project #: 294348

Site Location: 1250 SOUTH SERVICE RD, TORONTO

Sampler Initials: SP

QC Batch	Parameter	Date	Matrix Spike		SPIKED BLANK		Method Blank		RPD		Leachate Blank	
			% Recovery	QC Limits	% Recovery	QC Limits	Value	UNITS	Value (%)	QC Limits	Value	UNITS
7422117	Leachable 4-Bromofluorobenzene	2021/06/22	101	70 - 130	100	70 - 130	97	%				
7422117	Leachable D4-1,2-Dichloroethane	2021/06/22	99	70 - 130	100	70 - 130	99	%				
7422117	Leachable D8-Toluene	2021/06/22	102	70 - 130	101	70 - 130	98	%				
7422117	Leachable 1,1-Dichloroethylene	2021/06/22	100	70 - 130	100	70 - 130	<0.020	mg/L	NC	30		
7422117	Leachable 1,2-Dichlorobenzene	2021/06/22	98	70 - 130	98	70 - 130	<0.050	mg/L	NC	30		
7422117	Leachable 1,2-Dichloroethane	2021/06/22	95	70 - 130	95	70 - 130	<0.050	mg/L	NC	30		
7422117	Leachable 1,4-Dichlorobenzene	2021/06/22	111	70 - 130	110	70 - 130	<0.050	mg/L	NC	30		
7422117	Leachable Benzene	2021/06/22	94	70 - 130	94	70 - 130	<0.020	mg/L	NC	30		
7422117	Leachable Carbon Tetrachloride	2021/06/22	106	70 - 130	105	70 - 130	<0.020	mg/L	NC	30		
7422117	Leachable Chlorobenzene	2021/06/22	100	70 - 130	99	70 - 130	<0.020	mg/L	NC	30		
7422117	Leachable Chloroform	2021/06/22	100	70 - 130	100	70 - 130	<0.020	mg/L	NC	30		
7422117	Leachable Methyl Ethyl Ketone (2-Butanone)	2021/06/22	99	60 - 140	103	60 - 140	<1.0	mg/L	NC	30		
7422117	Leachable Methylene Chloride (Dichloromethane)	2021/06/22	107	70 - 130	108	70 - 130	<0.20	mg/L	NC	30		
7422117	Leachable Tetrachloroethylene	2021/06/22	94	70 - 130	93	70 - 130	<0.020	mg/L	NC	30		
7422117	Leachable Trichloroethylene	2021/06/22	106	70 - 130	106	70 - 130	<0.020	mg/L	NC	30		
7422117	Leachable Vinyl Chloride	2021/06/22	100	70 - 130	100	70 - 130	<0.020	mg/L	NC	30		
7427052	Leachable Fluoride (F-)	2021/06/25	89	80 - 120	98	80 - 120	<0.10	mg/L	0.49	25	<0.10	mg/L
7427059	Leachable Nitrate (N)	2021/06/25	96	80 - 120	97	80 - 120	<1.0	mg/L	NC	25	<1.0	mg/L
7427059	Leachable Nitrate + Nitrite (N)	2021/06/25	97	80 - 120	99	80 - 120	<1.0	mg/L	NC	25	<1.0	mg/L
7427059	Leachable Nitrite (N)	2021/06/25	103	80 - 120	104	80 - 120	<0.10	mg/L	NC	25	<0.10	mg/L
7427060	Leachable WAD Cyanide (Free)	2021/06/24	93	80 - 120	95	80 - 120	<0.0020	mg/L	NC	20	<0.010	mg/L
7427366	Leachable Arsenic (As)	2021/06/24	95	80 - 120	97	80 - 120	<0.2	mg/L	NC	35	<0.2	mg/L
7427366	Leachable Barium (Ba)	2021/06/24	100	80 - 120	100	80 - 120	<0.2	mg/L	NC	35	<0.2	mg/L
7427366	Leachable Boron (B)	2021/06/24	101	80 - 120	95	80 - 120	<0.1	mg/L	NC	35	<0.1	mg/L
7427366	Leachable Cadmium (Cd)	2021/06/24	97	80 - 120	98	80 - 120	<0.05	mg/L	NC	35	<0.05	mg/L
7427366	Leachable Chromium (Cr)	2021/06/24	96	80 - 120	97	80 - 120	<0.1	mg/L	NC	35	<0.1	mg/L
7427366	Leachable Lead (Pb)	2021/06/24	92	80 - 120	96	80 - 120	<0.1	mg/L	NC	35	<0.1	mg/L
7427366	Leachable Mercury (Hg)	2021/06/24	96	80 - 120	99	80 - 120	<0.001	mg/L	NC	35	<0.001	mg/L
7427366	Leachable Selenium (Se)	2021/06/24	96	80 - 120	100	80 - 120	<0.1	mg/L	NC	35	<0.1	mg/L
7427366	Leachable Silver (Ag)	2021/06/24	95	80 - 120	97	80 - 120	<0.01	mg/L	NC	35	<0.01	mg/L



BUREAU
VERITAS

BV Labs Job #: C1G7642

Report Date: 2021/06/25

QUALITY ASSURANCE REPORT(CONT'D)

Pinchin Ltd

Client Project #: 294348

Site Location: 1250 SOUTH SERVICE RD, TORONTO

Sampler Initials: SP

QC Batch	Parameter	Date	Matrix Spike		SPIKED BLANK		Method Blank		RPD		Leachate Blank	
			% Recovery	QC Limits	% Recovery	QC Limits	Value	UNITS	Value (%)	QC Limits	Value	UNITS
7427366	Leachable Uranium (U)	2021/06/24	97	80 - 120	100	80 - 120	<0.01	mg/L	NC	35	<0.01	mg/L
Duplicate: Paired analysis of a separate portion of the same sample. Used to evaluate the variance in the measurement. Matrix Spike: A sample to which a known amount of the analyte of interest has been added. Used to evaluate sample matrix interference. Leachate Blank: A blank matrix containing all reagents used in the leaching procedure. Used to determine any process contamination. Spiked Blank: A blank matrix sample to which a known amount of the analyte, usually from a second source, has been added. Used to evaluate method accuracy. Method Blank: A blank matrix containing all reagents used in the analytical procedure. Used to identify laboratory contamination. Surrogate: A pure or isotopically labeled compound whose behavior mirrors the analytes of interest. Used to evaluate extraction efficiency. NC (Duplicate RPD): The duplicate RPD was not calculated. The concentration in the sample and/or duplicate was too low to permit a reliable RPD calculation (absolute difference $\leq 2 \times \text{RDL}$).												



FUNDAMENTAL LABORATORY ACCEPTANCE GUIDELINE

Invoice To:

Pinchin Ltd
ATTN: Accounts Payable
2470 Milltower Crt
Mississauga, ON
CANADA L5N 7W5
Client Contact:
Toby Glanville

BV Labs Job #:	C1G7642
Date Received:	2021/06/17
Your C.O.C. #:	831305-03-01
Your Project #:	294348
BV Labs Project Manager:	Antonella Brasil
Quote #:	A70927

No discrepancies noted.

Report Comments

Received Date:	<u>2021/06/17</u>	Time:	<u>19:06</u>	By:	_____
Inspected Date:	_____	Time:	_____	By:	_____
FLAG Created Date:	_____	Time:	_____	By:	_____



BUREAU
VERITAS

BV Labs Job #: C1G7642

Report Date: 2021/06/25

Pinchin Ltd

Client Project #: 294348

Site Location: 1250 SOUTH SERVICE RD, TORONTO

Sampler Initials: SP

VALIDATION SIGNATURE PAGE

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

Anastassia Hamanov, Scientific Specialist

BV Labs has procedures in place to guard against improper use of the electronic signature and have the required "signatories", as per ISO/IEC 17025, signing the reports. For Service Group specific validation please refer to the Validation Signature Page.



CHAIN OF CUSTODY RECORD

Page of

INVOICE TO:			REPORT TO:			PROJECT INFORMATION:			Laboratory Use Only:														
Company Name: #3103 Pinchin Ltd			Company Name: Toby Glanville			Quotation #: A70927			BV Labs Job #:		Bottle Order #:												
Attention: Accounts Payable			Attention: Toby Glanville			P.O. #:																	
Address: 2470 Milltower Crt			Address:			Project: 294348			COC #:		Project Manager:												
Mississauga ON L5N 7W5						Project Name:					Antonella Brasil												
Tel: (905) 363-0678 Fax: (905) 363-0681			Tel: (905) 363-0678 Ext: 1313 Fax: (905) 363-0681			Site #: 1250 South Service Rd, Toronto			C#831305-03-01														
ap@pinchin.com			Email: tglanville@pinchin.com			Sampled By: SP																	
MOE REGULATED DRINKING WATER OR WATER INTENDED FOR HUMAN CONSUMPTION MUST BE SUBMITTED ON THE BV LABS DRINKING WATER CHAIN OF CUSTODY						ANALYSIS REQUESTED (PLEASE BE SPECIFIC)						Turnaround Time (TAT) Required: Please provide advance notice for rush projects											
Regulation 153 (2011)			Other Regulations			Special Instructions			Field Filtered (please circle): Metals / Hg / Cr / VI			Regular (Standard) TAT: (will be applied if Rush TAT is not specified): Standard TAT = 5-7 Working days for most tests. Please note: Standard TAT for certain tests such as BOD and Dioxins/Furans are > 5 days - contact your Project Manager for details.											
☐ Table 1 ☐ Res/Park ☐ Medium/Fine			☐ CCME ☐ Sanitary Sewer Bylaw			FOR RSC			TCLP VOCs TCLP inorganics			☒											
☐ Table 2 ☐ Ind/Comm ☐ Coarse			☐ Reg 558 ☐ Storm Sewer Bylaw																				
☐ Table 3 ☐ Agri/Other ☐ For RSC			☐ MISA Municipality																				
☐ Table			☐ PWQO ☐ Reg 406 Table																				
☐ Other												Job Specific Rush TAT (if applies to entire submission) Date Required: Time Required: ☐ Rush Confirmation Number: (call lab for #)											
Include Criteria on Certificate of Analysis (Y/N)?												# of Bottles											
Sample Barcode Label						Sample (Location) Identification						Comments											
1						TCLP						5											
2																							
3																							
4																							
5																							
6																							
7																							
8																							
9																							
10																							
* RELINQUISHED BY: (Signature/Print)						RECEIVED BY: (Signature/Print)						Laboratory Use Only											
Date: (YY/MM/DD)						Date: (YY/MM/DD)						Time Sensitive											
Time						Time						Temperature (°C) on Recl											
21/06/17 17:35						20/06/17 19:06						7/7/1 115/0											
Custody Seal Present						Custody Seal Intact						Yes No											
White: BV Labs						Yellow: Client																	
* UNLESS OTHERWISE AGREED TO IN WRITING, WORK SUBMITTED ON THIS CHAIN OF CUSTODY IS SUBJECT TO BV LABS' STANDARD TERMS AND CONDITIONS. SIGNING OF THIS CHAIN OF CUSTODY DOCUMENT IS ACKNOWLEDGMENT AND ACCEPTANCE OF OUR TERMS WHICH ARE AVAILABLE FOR VIEWING AT WWW.BVLABS.COM/TERMS-AND-CONDITIONS.												SAMPLES MUST BE KEPT COOL (< 10° C) FROM TIME OF SAMPLING UNTIL DELIVERY TO BV LABS											
* IT IS THE RESPONSIBILITY OF THE RELINQUISHER TO ENSURE THE ACCURACY OF THE CHAIN OF CUSTODY RECORD. AN INCOMPLETE CHAIN OF CUSTODY MAY RESULT IN ANALYTICAL TAT DELAYS.																							
** SAMPLE CONTAINER, PRESERVATION, HOLD TIME AND PACKAGE INFORMATION CAN BE VIEWED AT WWW.BVLABS.COM/RESOURCES/CHAIN-OF-CUSTODY-FORMS.																							



Your Project #: 294348
Site Location: 1250 SOUTH SERVICE RD, TORONTO
Your C.O.C. #: 831305-05-01

Attention: Toby Glanville

Pinchin Ltd
2470 Milltower Crt
Mississauga, ON
CANADA L5N 7W5

Report Date: 2021/06/25
Report #: R6692163
Version: 1 - Final

CERTIFICATE OF ANALYSIS

BV LABS JOB #: C1G9213

Received: 2021/06/18, 18:22

Sample Matrix: Soil
Samples Received: 2

Analyses	Date		Laboratory Method	Analytical Method
	Quantity	Extracted		
1,3-Dichloropropene Sum	2	N/A	2021/06/25	EPA 8260C m
Moisture	2	N/A	2021/06/23 CAM SOP-00445	Carter 2nd ed 51.2 m
Volatile Organic Compounds in Soil	2	N/A	2021/06/24 CAM SOP-00228	EPA 8260C m

Remarks:

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

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

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

Solid sample results, except biota, are based on dry weight unless otherwise indicated. Organic analyses are not recovery corrected except for isotope dilution methods.

Results relate to samples tested. When sampling is not conducted by Bureau Veritas, results relate to the supplied samples tested.

This Certificate shall not be reproduced except in full, without the written approval of the laboratory.

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

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



Your Project #: 294348
Site Location: 1250 SOUTH SERVICE RD, TORONTO
Your C.O.C. #: 831305-05-01

Attention: Toby Glanville

Pinchin Ltd
2470 Milltower Crt
Mississauga, ON
CANADA L5N 7W5

Report Date: 2021/06/25
Report #: R6692163
Version: 1 - Final

CERTIFICATE OF ANALYSIS

BV LABS JOB #: C1G9213
Received: 2021/06/18, 18:22

Encryption Key

Please direct all questions regarding this Certificate of Analysis to your Project Manager.
Antonella Brasil, Senior Project Manager
Email: Antonella.Brasil@bureauveritas.com
Phone# (905)817-5817

=====

This report has been generated and distributed using a secure automated process.
BV Labs has procedures in place to guard against improper use of the electronic signature and have the required "signatories", as per ISO/IEC 17025, signing the reports. For Service Group specific validation please refer to the Validation Signature Page.



BV Labs Job #: C1G9213
Report Date: 2021/06/25

Pinchin Ltd
Client Project #: 294348
Site Location: 1250 SOUTH SERVICE RD, TORONTO
Sampler Initials: SP

O.REG 153 VOCs BY HS (SOIL)

BV Labs ID		PWN591	PWN592			
Sampling Date		2021/06/18 12:05	2021/06/18 14:55			
COC Number		831305-05-01	831305-05-01			
	UNITS	MW21-03 S3	MW21-21 S2	RDL	MDL	QC Batch
Inorganics						
Moisture	%	10	12	1.0	0.50	7424586
Calculated Parameters						
1,3-Dichloropropene (cis+trans)	ug/g	<0.050	<0.050	0.050	0.010	7421745
Volatile Organics						
Acetone (2-Propanone)	ug/g	<0.49	<0.49	0.49	0.49	7424517
Benzene	ug/g	<0.0060	<0.0060	0.0060	0.0060	7424517
Bromodichloromethane	ug/g	<0.040	<0.040	0.040	0.040	7424517
Bromoform	ug/g	<0.040	<0.040	0.040	0.040	7424517
Bromomethane	ug/g	<0.040	<0.040	0.040	0.040	7424517
Carbon Tetrachloride	ug/g	<0.040	<0.040	0.040	0.040	7424517
Chlorobenzene	ug/g	<0.040	<0.040	0.040	0.040	7424517
Chloroform	ug/g	<0.040	<0.040	0.040	0.040	7424517
Dibromochloromethane	ug/g	<0.040	<0.040	0.040	0.040	7424517
1,2-Dichlorobenzene	ug/g	<0.040	<0.040	0.040	0.040	7424517
1,3-Dichlorobenzene	ug/g	<0.040	<0.040	0.040	0.040	7424517
1,4-Dichlorobenzene	ug/g	<0.040	<0.040	0.040	0.040	7424517
Dichlorodifluoromethane (FREON 12)	ug/g	<0.040	<0.040	0.040	0.050	7424517
1,1-Dichloroethane	ug/g	<0.040	<0.040	0.040	0.040	7424517
1,2-Dichloroethane	ug/g	<0.049	<0.049	0.049	0.040	7424517
1,1-Dichloroethylene	ug/g	<0.040	<0.040	0.040	0.040	7424517
cis-1,2-Dichloroethylene	ug/g	<0.040	<0.040	0.040	0.040	7424517
trans-1,2-Dichloroethylene	ug/g	<0.040	<0.040	0.040	0.040	7424517
1,2-Dichloropropane	ug/g	<0.040	<0.040	0.040	0.040	7424517
cis-1,3-Dichloropropene	ug/g	<0.030	<0.030	0.030	0.030	7424517
trans-1,3-Dichloropropene	ug/g	<0.040	<0.040	0.040	0.040	7424517
Ethylbenzene	ug/g	<0.010	<0.010	0.010	0.010	7424517
Ethylene Dibromide	ug/g	<0.040	<0.040	0.040	0.040	7424517
Hexane	ug/g	<0.040	<0.040	0.040	0.040	7424517
Methylene Chloride(Dichloromethane)	ug/g	<0.049	<0.049	0.049	0.049	7424517
Methyl Ethyl Ketone (2-Butanone)	ug/g	<0.40	<0.40	0.40	0.40	7424517
RDL = Reportable Detection Limit						
QC Batch = Quality Control Batch						



BV Labs Job #: C1G9213
Report Date: 2021/06/25

Pinchin Ltd
Client Project #: 294348
Site Location: 1250 SOUTH SERVICE RD, TORONTO
Sampler Initials: SP

O.REG 153 VOCs BY HS (SOIL)

BV Labs ID		PWN591	PWN592			
Sampling Date		2021/06/18 12:05	2021/06/18 14:55			
COC Number		831305-05-01	831305-05-01			
	UNITS	MW21-03 S3	MW21-21 S2	RDL	MDL	QC Batch
Methyl Isobutyl Ketone	ug/g	<0.40	<0.40	0.40	0.40	7424517
Methyl t-butyl ether (MTBE)	ug/g	<0.040	<0.040	0.040	0.040	7424517
Styrene	ug/g	<0.040	<0.040	0.040	0.040	7424517
1,1,1,2-Tetrachloroethane	ug/g	<0.040	<0.040	0.040	0.040	7424517
1,1,2,2-Tetrachloroethane	ug/g	<0.040	<0.040	0.040	0.040	7424517
Tetrachloroethylene	ug/g	<0.040	<0.040	0.040	0.040	7424517
Toluene	ug/g	<0.020	<0.020	0.020	0.020	7424517
1,1,1-Trichloroethane	ug/g	<0.040	<0.040	0.040	0.040	7424517
1,1,2-Trichloroethane	ug/g	<0.040	<0.040	0.040	0.040	7424517
Trichloroethylene	ug/g	<0.010	<0.010	0.010	0.010	7424517
Trichlorofluoromethane (FREON 11)	ug/g	<0.040	<0.040	0.040	0.040	7424517
Vinyl Chloride	ug/g	<0.019	<0.019	0.019	0.019	7424517
p+m-Xylene	ug/g	<0.020	<0.020	0.020	0.020	7424517
o-Xylene	ug/g	<0.020	<0.020	0.020	0.020	7424517
Total Xylenes	ug/g	<0.020	<0.020	0.020	0.020	7424517
Surrogate Recovery (%)						
4-Bromofluorobenzene	%	102	103			7424517
D10-o-Xylene	%	110	110			7424517
D4-1,2-Dichloroethane	%	92	93			7424517
D8-Toluene	%	100	99			7424517
RDL = Reportable Detection Limit						
QC Batch = Quality Control Batch						



BV Labs Job #: C1G9213
Report Date: 2021/06/25

Pinchin Ltd
Client Project #: 294348
Site Location: 1250 SOUTH SERVICE RD, TORONTO
Sampler Initials: SP

TEST SUMMARY

BV Labs ID: PWN591
Sample ID: MW21-03 S3
Matrix: Soil

Collected: 2021/06/18
Shipped:
Received: 2021/06/18

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
1,3-Dichloropropene Sum	CALC	7421745	N/A	2021/06/25	Automated Statchk
Moisture	BAL	7424586	N/A	2021/06/23	Gurpreet Kaur (ONT)
Volatile Organic Compounds in Soil	GC/MS	7424517	N/A	2021/06/24	Rebecca McClean

BV Labs ID: PWN592
Sample ID: MW21-21 S2
Matrix: Soil

Collected: 2021/06/18
Shipped:
Received: 2021/06/18

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
1,3-Dichloropropene Sum	CALC	7421745	N/A	2021/06/25	Automated Statchk
Moisture	BAL	7424586	N/A	2021/06/23	Gurpreet Kaur (ONT)
Volatile Organic Compounds in Soil	GC/MS	7424517	N/A	2021/06/24	Rebecca McClean



GENERAL COMMENTS

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

Package 1	2.3°C
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Cooler custody seal was present and intact.

Results relate only to the items tested.

BUREAU
VERITAS

BV Labs Job #: C1G9213

Report Date: 2021/06/25

QUALITY ASSURANCE REPORT

Pinchin Ltd

Client Project #: 294348

Site Location: 1250 SOUTH SERVICE RD, TORONTO

Sampler Initials: SP

QC Batch	Parameter	Date	Matrix Spike		SPIKED BLANK		Method Blank		RPD	
			% Recovery	QC Limits	% Recovery	QC Limits	Value	UNITS	Value (%)	QC Limits
7424517	4-Bromofluorobenzene	2021/06/24	103	60 - 140	103	60 - 140	101	%		
7424517	D10-o-Xylene	2021/06/24	95	60 - 130	94	60 - 130	105	%		
7424517	D4-1,2-Dichloroethane	2021/06/24	90	60 - 140	96	60 - 140	91	%		
7424517	D8-Toluene	2021/06/24	102	60 - 140	98	60 - 140	99	%		
7424517	1,1,1,2-Tetrachloroethane	2021/06/24	95	60 - 140	90	60 - 130	<0.040	ug/g	NC	50
7424517	1,1,1-Trichloroethane	2021/06/24	99	60 - 140	95	60 - 130	<0.040	ug/g	NC	50
7424517	1,1,2,2-Tetrachloroethane	2021/06/24	85	60 - 140	84	60 - 130	<0.040	ug/g	NC	50
7424517	1,1,2-Trichloroethane	2021/06/24	88	60 - 140	87	60 - 130	<0.040	ug/g	NC	50
7424517	1,1-Dichloroethane	2021/06/24	90	60 - 140	86	60 - 130	<0.040	ug/g	NC	50
7424517	1,1-Dichloroethylene	2021/06/24	95	60 - 140	92	60 - 130	<0.040	ug/g	NC	50
7424517	1,2-Dichlorobenzene	2021/06/24	96	60 - 140	88	60 - 130	<0.040	ug/g	NC	50
7424517	1,2-Dichloroethane	2021/06/24	85	60 - 140	84	60 - 130	<0.049	ug/g	5.3	50
7424517	1,2-Dichloropropane	2021/06/24	92	60 - 140	87	60 - 130	<0.040	ug/g	NC	50
7424517	1,3-Dichlorobenzene	2021/06/24	97	60 - 140	87	60 - 130	<0.040	ug/g	NC	50
7424517	1,4-Dichlorobenzene	2021/06/24	112	60 - 140	102	60 - 130	<0.040	ug/g	NC	50
7424517	Acetone (2-Propanone)	2021/06/24	85	60 - 140	82	60 - 140	<0.49	ug/g	NC	50
7424517	Benzene	2021/06/24	93	60 - 140	86	60 - 130	<0.0060	ug/g	NC	50
7424517	Bromodichloromethane	2021/06/24	90	60 - 140	89	60 - 130	<0.040	ug/g	NC	50
7424517	Bromoform	2021/06/24	86	60 - 140	84	60 - 130	<0.040	ug/g	NC	50
7424517	Bromomethane	2021/06/24	91	60 - 140	87	60 - 140	<0.040	ug/g	NC	50
7424517	Carbon Tetrachloride	2021/06/24	94	60 - 140	91	60 - 130	<0.040	ug/g	NC	50
7424517	Chlorobenzene	2021/06/24	99	60 - 140	91	60 - 130	<0.040	ug/g	NC	50
7424517	Chloroform	2021/06/24	92	60 - 140	90	60 - 130	<0.040	ug/g	NC	50
7424517	cis-1,2-Dichloroethylene	2021/06/24	92	60 - 140	88	60 - 130	<0.040	ug/g	NC	50
7424517	cis-1,3-Dichloropropene	2021/06/24	90	60 - 140	84	60 - 130	<0.030	ug/g	NC	50
7424517	Dibromochloromethane	2021/06/24	88	60 - 140	86	60 - 130	<0.040	ug/g	NC	50
7424517	Dichlorodifluoromethane (FREON 12)	2021/06/24	81	60 - 140	80	60 - 140	<0.040	ug/g	NC	50
7424517	Ethylbenzene	2021/06/24	93	60 - 140	84	60 - 130	<0.010	ug/g	3.4	50
7424517	Ethylene Dibromide	2021/06/24	89	60 - 140	85	60 - 130	<0.040	ug/g	NC	50
7424517	Hexane	2021/06/24	92	60 - 140	85	60 - 130	<0.040	ug/g	3.7	50
7424517	Methyl Ethyl Ketone (2-Butanone)	2021/06/24	86	60 - 140	84	60 - 140	<0.40	ug/g	NC	50

BUREAU
VERITAS

BV Labs Job #: C1G9213

Report Date: 2021/06/25

QUALITY ASSURANCE REPORT(CONT'D)

Pinchin Ltd

Client Project #: 294348

Site Location: 1250 SOUTH SERVICE RD, TORONTO

Sampler Initials: SP

QC Batch	Parameter	Date	Matrix Spike		SPIKED BLANK		Method Blank		RPD	
			% Recovery	QC Limits	% Recovery	QC Limits	Value	UNITS	Value (%)	QC Limits
7424517	Methyl Isobutyl Ketone	2021/06/24	85	60 - 140	84	60 - 130	<0.40	ug/g	NC	50
7424517	Methyl t-butyl ether (MTBE)	2021/06/24	87	60 - 140	81	60 - 130	<0.040	ug/g	NC	50
7424517	Methylene Chloride(Dichloromethane)	2021/06/24	104	60 - 140	101	60 - 130	<0.049	ug/g	NC	50
7424517	o-Xylene	2021/06/24	93	60 - 140	84	60 - 130	<0.020	ug/g	NC (1)	50
7424517	p+m-Xylene	2021/06/24	99	60 - 140	89	60 - 130	<0.020	ug/g	3.7	50
7424517	Styrene	2021/06/24	98	60 - 140	87	60 - 130	<0.040	ug/g	NC	50
7424517	Tetrachloroethylene	2021/06/24	96	60 - 140	88	60 - 130	<0.040	ug/g	NC	50
7424517	Toluene	2021/06/24	95	60 - 140	86	60 - 130	<0.020	ug/g	NC	50
7424517	Total Xylenes	2021/06/24					<0.020	ug/g	3.7	50
7424517	trans-1,2-Dichloroethylene	2021/06/24	93	60 - 140	89	60 - 130	<0.040	ug/g	NC	50
7424517	trans-1,3-Dichloropropene	2021/06/24	93	60 - 140	86	60 - 130	<0.040	ug/g	NC	50
7424517	Trichloroethylene	2021/06/24	105	60 - 140	98	60 - 130	<0.010	ug/g	NC	50
7424517	Trichlorofluoromethane (FREON 11)	2021/06/24	94	60 - 140	92	60 - 130	<0.040	ug/g	NC	50
7424517	Vinyl Chloride	2021/06/24	91	60 - 140	86	60 - 130	<0.019	ug/g	NC	50
7424586	Moisture	2021/06/23							0	20

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

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

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

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

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

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

(1) The detection limit was raised due to matrix interferences.



FUNDAMENTAL LABORATORY ACCEPTANCE GUIDELINE

Invoice To:

Pinchin Ltd
ATTN: Accounts Payable
2470 Milltower Crt
Mississauga, ON
CANADA L5N 7W5
Client Contact:
Toby Glanville

BV Labs Job #: C1G9213
Date Received: 2021/06/18
Your C.O.C. #: 831305-05-01
Your Project #: 294348
BV Labs Project Manager: Antonella Brasil
Quote #: A70927

☒ Bottles in shipment but not listed on Chain of Custody

Report Comments

Received Date:	<u>2021/06/18</u>	Time:	<u>18:22</u>	By:	<u>VBV</u>
Inspected Date:	<u>2021/06/18</u>	Time:	<u>21:01</u>	By:	<u>VBV</u>
FLAG Created Date:	<u>2021/06/18</u>	Time:	<u>21:03</u>	By:	<u>DSG</u>



BUREAU
VERITAS

BV Labs Job #: C1G9213

Report Date: 2021/06/25

Pinchin Ltd

Client Project #: 294348

Site Location: 1250 SOUTH SERVICE RD, TORONTO

Sampler Initials: SP

VALIDATION SIGNATURE PAGE

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

Anastassia Hamanov, Scientific Specialist

BV Labs has procedures in place to guard against improper use of the electronic signature and have the required "signatories", as per ISO/IEC 17025, signing the reports. For Service Group specific validation please refer to the Validation Signature Page.



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

CHAIN OF CUSTODY RECORD

Page 1 of 1

INVOICE TO:		REPORT TO:		PROJECT INFORMATION:		Laboratory Use Only:	
Company Name: #3103 Pinchin Ltd		Company Name: Toby Glanville		Quotation #: A70927		BV Labs Job #:	
Attention: Accounts Payable		Attention:		P.O. #:		Bottle Order #:	
Address: 2470 Milltower Crt		Address:		Project: 294348		COC #:	
Mississauga ON L5N 7W5				Project Name:		Project Manager:	
Tel: (905) 363-0678 Fax: (905) 363-0681		Tel: (905) 363-0678 Ext: 1313 Fax: (905) 363-0681		Site #: 1250 South Service Rd, Toronto		Antonella Brasil	
Email: ap@pinchin.com		Email: tglanville@pinchin.com		Sampled By: SP		C#831305-05-01	

MOE REGULATED DRINKING WATER OR WATER INTENDED FOR HUMAN CONSUMPTION MUST BE SUBMITTED ON THE BV LABS DRINKING WATER CHAIN OF CUSTODY						ANALYSIS REQUESTED (PLEASE BE SPECIFIC)												Turnaround Time (TAT) Required:																																									
Regulation 153 (2011)						Other Regulations						Special Instructions						Regular (Standard) TAT:																																									
☐ Table 1 ☒ Res/Park ☐ Medium/Fine						☐ CCME ☐ Sanitary Sewer Bylaw						FOR RSC						(will be applied if Rush TAT is not specified):																																									
☒ Table 2 ☐ Ind/Comm ☒ Coarse						☐ Reg 558 ☐ Storm Sewer Bylaw												Standard TAT = 5-7 Working days for most tests.																																									
☐ Table 3 ☐ Agri/Other ☒ For RSC						☐ MISA Municipality												Please note: Standard TAT for certain tests such as BOD and Dioxins/Furans are > 5 days - contact your Project Manager for details.																																									
☐ Table						☐ PWQO ☐ Reg 406 Table												Job Specific Rush TAT (if applies to entire submission)																																									
Include Criteria on Certificate of Analysis (Y/N)?																		Date Required: Time Required:																																									
																		Rush Confirmation Number: (call lab for #)																																									
Sample Barcode Label						Sample (Location) Identification						Date Sampled						Time Sampled						Matrix						Field Filtered (please circle):						Metals / Hg / Cr VI						VOCs						# of Bottles						Comments					
1						MW21-03 S3						21/06/18						12:05						Soil												X												3											
2						MW21-21 S2												14:55																		X												3											
3																																																											
4																																																											
5																																																											
6																																																											
7																																																											
8																																																											
9																																																											
10																																																											

18-Jun-21 18:22
Antonella Brasil
C1G9213
VBV ENV-1332

* RELINQUISHED BY: (Signature/Print)		Date: (YY/MM/DD)		Time		RECEIVED BY: (Signature/Print)		Date: (YY/MM/DD)		Time		# jars used and not submitted		Laboratory Use Only							
[Signature]		21/06/18		17:45		[Signature]		21/06/18		18:22				ON ICE							
												Time Sensitive		Temperature (°C) on Reel		Custody Seal		Yes		No	
														2/2/3		Present		✓			
																Intact		✓			

* UNLESS OTHERWISE AGREED TO IN WRITING, WORK SUBMITTED ON THIS CHAIN OF CUSTODY IS SUBJECT TO BV LABS' STANDARD TERMS AND CONDITIONS. SIGNING OF THIS CHAIN OF CUSTODY DOCUMENT IS ACKNOWLEDGMENT AND ACCEPTANCE OF OUR TERMS WHICH ARE AVAILABLE FOR VIEWING AT WWW.BVLABS.COM/TERMS-AND-CONDITIONS.

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

** SAMPLE CONTAINER, PRESERVATION, HOLD TIME AND PACKAGE INFORMATION CAN BE VIEWED AT WWW.BVLABS.COM/RESOURCES/CHAIN-OF-CUSTODY-FORMS.

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

White: BV Labs Yellow: Client



Your Project #: 294348
 Site Location: DIXIE MALL , MISSISSAUGA
 Your C.O.C. #: 160109, 160111

Attention: Toby Glanville

Pinchin Ltd
 2470 Milltower Crt
 Mississauga, ON
 CANADA L5N 7W5

Report Date: 2021/07/05
 Report #: R6704797
 Version: 1 - Final

CERTIFICATE OF ANALYSIS

BV LABS JOB #: C1H3800

Received: 2021/06/23, 15:01

Sample Matrix: Soil
 # Samples Received: 14

Analyses	Quantity	Date Extracted	Date Analyzed	Laboratory Method	Analytical Method
Methylnaphthalene Sum	5	N/A	2021/06/30	CAM SOP-00301	EPA 8270D m
Methylnaphthalene Sum	1	N/A	2021/07/03	CAM SOP-00301	EPA 8270D m
Hot Water Extractable Boron	5	2021/06/25	2021/06/28	CAM SOP-00408	R153 Ana. Prot. 2011
Hot Water Extractable Boron	1	2021/06/28	2021/06/29	CAM SOP-00408	R153 Ana. Prot. 2011
Free (WAD) Cyanide	5	2021/06/25	2021/06/28	CAM SOP-00457	OMOE E3015 m
Free (WAD) Cyanide	1	2021/06/28	2021/06/30	CAM SOP-00457	OMOE E3015 m
Hexavalent Chromium in Soil by IC (1)	5	2021/06/25	2021/06/28	CAM SOP-00436	EPA 3060/7199 m
Hexavalent Chromium in Soil by IC (1)	1	2021/06/28	2021/06/29	CAM SOP-00436	EPA 3060/7199 m
Petroleum Hydro. CCME F1 & BTEX in Soil (2)	6	N/A	2021/06/27	CAM SOP-00315	CCME PHC-CWS m
Petroleum Hydrocarbons F2-F4 in Soil (3)	6	2021/06/25	2021/06/26	CAM SOP-00316	CCME CWS m
Acid Extractable Metals by ICPMS	6	2021/06/25	2021/06/28	CAM SOP-00447	EPA 6020B m
Acid Extractable Metals by ICPMS	1	2021/06/29	2021/06/29	CAM SOP-00447	EPA 6020B m
Moisture	8	N/A	2021/06/24	CAM SOP-00445	Carter 2nd ed 51.2 m
OC Pesticides (Selected) & PCB (4)	5	2021/06/28	2021/06/29	CAM SOP-00307	SW846 8081, 8082
OC Pesticides Summed Parameters	3	N/A	2021/06/25	CAM SOP-00307	EPA 8081/8082 m
OC Pesticides Summed Parameters	2	N/A	2021/06/28	CAM SOP-00307	EPA 8081/8082 m
PAH Compounds in Soil by GC/MS (SIM)	5	2021/06/27	2021/06/28	CAM SOP-00318	EPA 8270D m
PAH Compounds in Soil by GC/MS (SIM)	1	2021/06/29	2021/06/30	CAM SOP-00318	EPA 8270D m
Polychlorinated Biphenyl in Soil	1	2021/06/25	2021/06/26	CAM SOP-00309	EPA 8082A m
Polychlorinated Biphenyl in Soil	1	2021/06/28	2021/06/28	CAM SOP-00309	EPA 8082A m
pH CaCl2 EXTRACT	10	2021/06/28	2021/06/28	CAM SOP-00413	EPA 9045 D m
Sieve, 75um	5	N/A	2021/06/28	CAM SOP-00467	ASTM D1140 -17 m

Remarks:

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

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



Your Project #: 294348
Site Location: DIXIE MALL , MISSISSAUGA
Your C.O.C. #: 160109, 160111

Attention: Toby Glanville

Pinchin Ltd
2470 Milltower Crt
Mississauga, ON
CANADA L5N 7W5

Report Date: 2021/07/05
Report #: R6704797
Version: 1 - Final

CERTIFICATE OF ANALYSIS

BV LABS JOB #: C1H3800

Received: 2021/06/23, 15:01

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

Solid sample results, except biota, are based on dry weight unless otherwise indicated. Organic analyses are not recovery corrected except for isotope dilution methods.

Results relate to samples tested. When sampling is not conducted by Bureau Veritas, results relate to the supplied samples tested.

This Certificate shall not be reproduced except in full, without the written approval of the laboratory.

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

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

(1) Soils are reported on a dry weight basis unless otherwise specified.

(2) No lab extraction date is given for F1BTX & VOC samples that are field preserved with methanol. Extraction date is the date sampled unless otherwise stated.

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

(4) Chlordane (Total) = Alpha Chlordane + Gamma Chlordane

Encryption Key

Please direct all questions regarding this Certificate of Analysis to your Project Manager.

Antonella Brasil, Senior Project Manager

Email: Antonella.Brasil@bureauveritas.com

Phone# (905)817-5817

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This report has been generated and distributed using a secure automated process.

BV Labs has procedures in place to guard against improper use of the electronic signature and have the required "signatories", as per ISO/IEC 17025, signing the reports. For Service Group specific validation please refer to the Validation Signature Page.



BV Labs Job #: C1H3800
Report Date: 2021/07/05

Pinchin Ltd
Client Project #: 294348
Site Location: DIXIE MALL , MISSISSAUGA
Sampler Initials: AN

O.REG 153 ICPMS METALS (SOIL)

BV Labs ID		PXN557			
Sampling Date		2021/06/23 08:00			
COC Number		160109			
	UNITS	BH21-07 S1	RDL	MDL	QC Batch
Metals					
Acid Extractable Antimony (Sb)	ug/g	<0.20	0.20	0.10	7429809
Acid Extractable Arsenic (As)	ug/g	<1.0	1.0	0.10	7429809
Acid Extractable Barium (Ba)	ug/g	6.1	0.50	0.30	7429809
Acid Extractable Beryllium (Be)	ug/g	<0.20	0.20	0.020	7429809
Acid Extractable Boron (B)	ug/g	<5.0	5.0	1.0	7429809
Acid Extractable Cadmium (Cd)	ug/g	<0.10	0.10	0.030	7429809
Acid Extractable Chromium (Cr)	ug/g	3.6	1.0	0.20	7429809
Acid Extractable Cobalt (Co)	ug/g	1.4	0.10	0.020	7429809
Acid Extractable Copper (Cu)	ug/g	3.9	0.50	0.20	7429809
Acid Extractable Lead (Pb)	ug/g	1.9	1.0	0.10	7429809
Acid Extractable Molybdenum (Mo)	ug/g	<0.50	0.50	0.10	7429809
Acid Extractable Nickel (Ni)	ug/g	2.8	0.50	0.20	7429809
Acid Extractable Selenium (Se)	ug/g	<0.50	0.50	0.10	7429809
Acid Extractable Silver (Ag)	ug/g	<0.20	0.20	0.040	7429809
Acid Extractable Thallium (Tl)	ug/g	<0.050	0.050	0.010	7429809
Acid Extractable Uranium (U)	ug/g	0.25	0.050	0.030	7429809
Acid Extractable Vanadium (V)	ug/g	9.0	5.0	0.50	7429809
Acid Extractable Zinc (Zn)	ug/g	6.9	5.0	0.50	7429809
RDL = Reportable Detection Limit					
QC Batch = Quality Control Batch					



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BV Labs Job #: C1H3800
Report Date: 2021/07/05

Pinchin Ltd
Client Project #: 294348
Site Location: DIXIE MALL , MISSISSAUGA
Sampler Initials: AN

O.REG 153 METALS & INORGANICS PKG (SOIL)

BV Labs ID		PXN562		PXN564		PXN581	PXN583			
Sampling Date		2021/06/23 09:00		2021/06/23 09:30		2021/06/23 10:30	2021/06/23 10:30			
COC Number		160109		160109		160111	160111			
	UNITS	BH21-08 S1	QC Batch	BH21-09 S1	QC Batch	BH21-24 S1	DUP202106235	RDL	MDL	QC Batch

Inorganics

Available (CaCl ₂) pH	pH	7.76	7432935			9.10	10.5			7432935
WAD Cyanide (Free)	ug/g	<0.01	7429733	<0.01	7429733	<0.01	<0.01	0.01	0.005	7429733
Chromium (VI)	ug/g	<0.18	7429378	<0.18	7429378	<0.18	<0.18	0.18	0.050	7429378

Metals

Hot Water Ext. Boron (B)	ug/g	0.67	7430339	0.16	7430339	1.8	0.89	0.050	0.030	7430339
Acid Extractable Antimony (Sb)	ug/g	0.62	7429809	<0.20	7429809	0.47	0.97	0.20	0.10	7429809
Acid Extractable Arsenic (As)	ug/g	8.2	7429809	2.8	7429809	3.3	4.6	1.0	0.10	7429809
Acid Extractable Barium (Ba)	ug/g	30	7429809	18	7429809	110	100	0.50	0.30	7429809
Acid Extractable Beryllium (Be)	ug/g	0.20	7429809	0.24	7429809	0.99	0.64	0.20	0.020	7429809
Acid Extractable Boron (B)	ug/g	<5.0	7429809	<5.0	7429809	17	8.1	5.0	1.0	7429809
Acid Extractable Cadmium (Cd)	ug/g	0.20	7429809	<0.10	7429809	0.16	0.26	0.10	0.030	7429809
Acid Extractable Chromium (Cr)	ug/g	7.5	7429809	8.1	7429809	14	17	1.0	0.20	7429809
Acid Extractable Cobalt (Co)	ug/g	2.5	7429809	2.6	7429809	5.3	7.9	0.10	0.020	7429809
Acid Extractable Copper (Cu)	ug/g	17	7429809	6.5	7429809	20	27	0.50	0.20	7429809
Acid Extractable Lead (Pb)	ug/g	39	7429809	11	7429809	24	41	1.0	0.10	7429809
Acid Extractable Molybdenum (Mo)	ug/g	<0.50	7429809	<0.50	7429809	0.51	0.58	0.50	0.10	7429809
Acid Extractable Nickel (Ni)	ug/g	6.2	7429809	5.1	7429809	11	17	0.50	0.20	7429809
Acid Extractable Selenium (Se)	ug/g	<0.50	7429809	<0.50	7429809	<0.50	<0.50	0.50	0.10	7429809
Acid Extractable Silver (Ag)	ug/g	<0.20	7429809	<0.20	7429809	<0.20	<0.20	0.20	0.040	7429809
Acid Extractable Thallium (Tl)	ug/g	<0.050	7429809	0.054	7429809	0.077	0.11	0.050	0.010	7429809
Acid Extractable Uranium (U)	ug/g	0.33	7429809	0.31	7429809	1.3	0.69	0.050	0.030	7429809
Acid Extractable Vanadium (V)	ug/g	17	7429809	17	7429809	23	28	5.0	0.50	7429809
Acid Extractable Zinc (Zn)	ug/g	34	7429809	25	7429809	47	83	5.0	0.50	7429809
Acid Extractable Mercury (Hg)	ug/g	<0.050	7429809	<0.050	7429809	<0.050	<0.050	0.050	0.030	7429809

RDL = Reportable Detection Limit

QC Batch = Quality Control Batch



BV Labs Job #: C1H3800
Report Date: 2021/07/05

Pinchin Ltd
Client Project #: 294348
Site Location: DIXIE MALL , MISSISSAUGA
Sampler Initials: AN

O.REG 153 METALS & INORGANICS PKG (SOIL)

BV Labs ID		PXN584		PXN586			
Sampling Date		2021/06/23 11:00		2021/06/23 11:30			
COC Number		160111		160111			
	UNITS	BH21-23 S1	QC Batch	BH21-22 S1	RDL	MDL	QC Batch
Inorganics							
Available (CaCl ₂) pH	pH	7.48	7432935				
WAD Cyanide (Free)	ug/g	<0.01	7429733	<0.01	0.01	0.005	7433316
Chromium (VI)	ug/g	<0.18	7429378	<0.18	0.18	0.050	7432925
Metals							
Hot Water Ext. Boron (B)	ug/g	0.57	7430339	0.43	0.050	0.030	7433954
Acid Extractable Antimony (Sb)	ug/g	0.22	7429809	<0.20	0.20	0.10	7434860
Acid Extractable Arsenic (As)	ug/g	4.4	7429809	4.6	1.0	0.10	7434860
Acid Extractable Barium (Ba)	ug/g	51	7429809	53	0.50	0.30	7434860
Acid Extractable Beryllium (Be)	ug/g	0.27	7429809	0.39	0.20	0.020	7434860
Acid Extractable Boron (B)	ug/g	<5.0	7429809	5.5	5.0	1.0	7434860
Acid Extractable Cadmium (Cd)	ug/g	0.16	7429809	0.16	0.10	0.030	7434860
Acid Extractable Chromium (Cr)	ug/g	9.0	7429809	13	1.0	0.20	7434860
Acid Extractable Cobalt (Co)	ug/g	3.1	7429809	5.4	0.10	0.020	7434860
Acid Extractable Copper (Cu)	ug/g	9.8	7429809	18	0.50	0.20	7434860
Acid Extractable Lead (Pb)	ug/g	22	7429809	26	1.0	0.10	7434860
Acid Extractable Molybdenum (Mo)	ug/g	<0.50	7429809	<0.50	0.50	0.10	7434860
Acid Extractable Nickel (Ni)	ug/g	6.6	7429809	12	0.50	0.20	7434860
Acid Extractable Selenium (Se)	ug/g	<0.50	7429809	<0.50	0.50	0.10	7434860
Acid Extractable Silver (Ag)	ug/g	<0.20	7429809	<0.20	0.20	0.040	7434860
Acid Extractable Thallium (Tl)	ug/g	<0.050	7429809	0.097	0.050	0.010	7434860
Acid Extractable Uranium (U)	ug/g	0.40	7429809	0.47	0.050	0.030	7434860
Acid Extractable Vanadium (V)	ug/g	19	7429809	23	5.0	0.50	7434860
Acid Extractable Zinc (Zn)	ug/g	28	7429809	55	5.0	0.50	7434860
Acid Extractable Mercury (Hg)	ug/g	0.12	7429809	<0.050	0.050	0.030	7434860
RDL = Reportable Detection Limit							
QC Batch = Quality Control Batch							



BV Labs Job #: C1H3800
Report Date: 2021/07/05

Pinchin Ltd
Client Project #: 294348
Site Location: DIXIE MALL , MISSISSAUGA
Sampler Initials: AN

O.REG 153 OC PESTICIDES (SOIL)

BV Labs ID		PXN557				PXN557			
Sampling Date		2021/06/23 08:00				2021/06/23 08:00			
COC Number		160109				160109			
	UNITS	BH21-07 S1	RDL	MDL	QC Batch	BH21-07 S1 Lab-Dup	RDL	MDL	QC Batch
Inorganics									
Moisture	%	9.3	1.0	0.50	7428730	8.8	1.0	0.50	7428730
Calculated Parameters									
Chlordane (Total)	ug/g	<0.0020	0.0020	N/A	7427087				
o,p-DDD + p,p-DDD	ug/g	<0.0020	0.0020	N/A	7427087				
o,p-DDE + p,p-DDE	ug/g	<0.0020	0.0020	N/A	7427087				
o,p-DDT + p,p-DDT	ug/g	<0.0020	0.0020	N/A	7427087				
Total Endosulfan	ug/g	<0.0020	0.0020	N/A	7427087				
Total PCB	ug/g	<0.015	0.015	N/A	7427087				
Pesticides & Herbicides									
Aldrin	ug/g	<0.0020	0.0020	0.00040	7432556				
a-Chlordane	ug/g	<0.0020	0.0020	0.00040	7432556				
g-Chlordane	ug/g	<0.0020	0.0020	0.00040	7432556				
o,p-DDD	ug/g	<0.0020	0.0020	0.00040	7432556				
p,p-DDD	ug/g	<0.0020	0.0020	0.00040	7432556				
o,p-DDE	ug/g	<0.0020	0.0020	0.00040	7432556				
p,p-DDE	ug/g	<0.0020	0.0020	0.00040	7432556				
o,p-DDT	ug/g	<0.0020	0.0020	0.00040	7432556				
p,p-DDT	ug/g	<0.0020	0.0020	0.00040	7432556				
Dieldrin	ug/g	<0.0020	0.0020	0.00040	7432556				
Lindane	ug/g	<0.0020	0.0020	0.00040	7432556				
Endosulfan I (alpha)	ug/g	<0.0020	0.0020	0.00040	7432556				
Endosulfan II (beta)	ug/g	<0.0020	0.0020	0.00040	7432556				
Endrin	ug/g	<0.0020	0.0020	0.00040	7432556				
Heptachlor	ug/g	<0.0020	0.0020	0.00040	7432556				
Heptachlor epoxide	ug/g	<0.0020	0.0020	0.00040	7432556				
Hexachlorobenzene	ug/g	<0.0020	0.0020	0.00040	7432556				
Hexachlorobutadiene	ug/g	<0.0020	0.0020	N/A	7432556				
RDL = Reportable Detection Limit QC Batch = Quality Control Batch Lab-Dup = Laboratory Initiated Duplicate N/A = Not Applicable									



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BV Labs Job #: C1H3800

Report Date: 2021/07/05

Pinchin Ltd

Client Project #: 294348

Site Location: DIXIE MALL , MISSISSAUGA

Sampler Initials: AN

O.REG 153 OC PESTICIDES (SOIL)

BV Labs ID		PXN557				PXN557			
Sampling Date		2021/06/23 08:00				2021/06/23 08:00			
COC Number		160109				160109			
	UNITS	BH21-07 S1	RDL	MDL	QC Batch	BH21-07 S1 Lab-Dup	RDL	MDL	QC Batch
Hexachloroethane	ug/g	<0.0020	0.0020	N/A	7432556				
Methoxychlor	ug/g	<0.0050	0.0050	0.0016	7432556				
Aroclor 1242	ug/g	<0.015	0.015	0.0030	7432556				
Aroclor 1248	ug/g	<0.015	0.015	0.0030	7432556				
Aroclor 1254	ug/g	<0.015	0.015	0.0030	7432556				
Aroclor 1260	ug/g	<0.015	0.015	0.0030	7432556				
Surrogate Recovery (%)									
2,4,5,6-Tetrachloro-m-xylene	%	79			7432556				
Decachlorobiphenyl	%	86			7432556				
RDL = Reportable Detection Limit QC Batch = Quality Control Batch Lab-Dup = Laboratory Initiated Duplicate N/A = Not Applicable									



BV Labs Job #: C1H3800
Report Date: 2021/07/05

Pinchin Ltd
Client Project #: 294348
Site Location: DIXIE MALL , MISSISSAUGA
Sampler Initials: AN

O.REG 153 OC PESTICIDES (SOIL)

BV Labs ID		PXN562				PXN581			
Sampling Date		2021/06/23 09:00				2021/06/23 10:30			
COC Number		160109				160111			
	UNITS	BH21-08 S1	RDL	MDL	QC Batch	BH21-24 S1	RDL	MDL	QC Batch

Calculated Parameters									
Chlordane (Total)	ug/g	<0.0020	0.0020	N/A	7429757	<0.020	0.020	N/A	7427087
o,p-DDD + p,p-DDD	ug/g	<0.0020	0.0020	N/A	7429757	<0.020	0.020	N/A	7427087
o,p-DDE + p,p-DDE	ug/g	0.024	0.0020	N/A	7429757	<0.020	0.020	N/A	7427087
o,p-DDT + p,p-DDT	ug/g	0.0040	0.0020	N/A	7429757	<0.020	0.020	N/A	7427087
Total Endosulfan	ug/g	<0.0020	0.0020	N/A	7429757	<0.020	0.020	N/A	7427087
Total PCB	ug/g	<0.030	0.030	N/A	7429757	<0.15	0.15	N/A	7427087

Pesticides & Herbicides									
Aldrin	ug/g	<0.0020	0.0020	0.00040	7432556	<0.020	0.020	0.0040	7432556
a-Chlordane	ug/g	<0.0020	0.0020	0.00040	7432556	<0.020	0.020	0.0040	7432556
g-Chlordane	ug/g	<0.0020	0.0020	0.00040	7432556	<0.020	0.020	0.0040	7432556
o,p-DDD	ug/g	<0.0020	0.0020	0.00040	7432556	<0.020	0.020	0.0040	7432556
p,p-DDD	ug/g	<0.0020	0.0020	0.00040	7432556	<0.020	0.020	0.0040	7432556
o,p-DDE	ug/g	<0.0020	0.0020	0.00040	7432556	<0.020	0.020	0.0040	7432556
p,p-DDE	ug/g	0.024	0.0020	0.00040	7432556	<0.020	0.020	0.0040	7432556
o,p-DDT	ug/g	<0.0020	0.0020	0.00040	7432556	<0.020	0.020	0.0040	7432556
p,p-DDT	ug/g	0.0040	0.0020	0.00040	7432556	<0.020	0.020	0.0040	7432556
Dieldrin	ug/g	<0.0020	0.0020	0.00040	7432556	<0.020	0.020	0.0040	7432556
Lindane	ug/g	<0.0020	0.0020	0.00040	7432556	<0.020	0.020	0.0040	7432556
Endosulfan I (alpha)	ug/g	<0.0020	0.0020	0.00040	7432556	<0.020	0.020	0.0040	7432556
Endosulfan II (beta)	ug/g	<0.0020	0.0020	0.00040	7432556	<0.020	0.020	0.0040	7432556
Endrin	ug/g	<0.0020	0.0020	0.00040	7432556	<0.020	0.020	0.0040	7432556
Heptachlor	ug/g	<0.0020	0.0020	0.00040	7432556	<0.020	0.020	0.0040	7432556
Heptachlor epoxide	ug/g	<0.0020	0.0020	0.00040	7432556	<0.020	0.020	0.0040	7432556
Hexachlorobenzene	ug/g	<0.0020	0.0020	0.00040	7432556	<0.020	0.020	0.0040	7432556
Hexachlorobutadiene	ug/g	<0.0020	0.0020	N/A	7432556	<0.010	0.010	N/A	7432556
Hexachloroethane	ug/g	<0.0020	0.0020	N/A	7432556	<0.020	0.020	N/A	7432556
Methoxychlor	ug/g	<0.0050	0.0050	0.0016	7432556	<0.050	0.050	0.016	7432556

RDL = Reportable Detection Limit

QC Batch = Quality Control Batch

N/A = Not Applicable



O.REG 153 OC PESTICIDES (SOIL)

BV Labs ID		PXN562				PXN581			
Sampling Date		2021/06/23 09:00				2021/06/23 10:30			
COC Number		160109				160111			
	UNITS	BH21-08 S1	RDL	MDL	QC Batch	BH21-24 S1	RDL	MDL	QC Batch
Aroclor 1242	ug/g	<0.030	0.030	0.0060	7432556	<0.15	0.15	0.030	7432556
Aroclor 1248	ug/g	<0.030	0.030	0.0060	7432556	<0.15	0.15	0.030	7432556
Aroclor 1254	ug/g	<0.030	0.030	0.0060	7432556	<0.15	0.15	0.030	7432556
Aroclor 1260	ug/g	<0.030	0.030	0.0060	7432556	<0.15	0.15	0.030	7432556
Surrogate Recovery (%)									
2,4,5,6-Tetrachloro-m-xylene	%	78			7432556	51			7432556
Decachlorobiphenyl	%	88			7432556	55			7432556
RDL = Reportable Detection Limit QC Batch = Quality Control Batch									



BV Labs Job #: C1H3800
Report Date: 2021/07/05

Pinchin Ltd
Client Project #: 294348
Site Location: DIXIE MALL , MISSISSAUGA
Sampler Initials: AN

O.REG 153 OC PESTICIDES (SOIL)

BV Labs ID		PXN583				PXN584			
Sampling Date		2021/06/23 10:30				2021/06/23 11:00			
COC Number		160111				160111			
	UNITS	DUP202106235	RDL	MDL	QC Batch	BH21-23 S1	RDL	MDL	QC Batch

Inorganics									
Moisture	%	11	1.0	0.50	7428730				
Calculated Parameters									
Chlordane (Total)	ug/g	<0.010	0.010	N/A	7427087	<0.010	0.010	N/A	7429757
o,p-DDD + p,p-DDD	ug/g	<0.010	0.010	N/A	7427087	<0.010	0.010	N/A	7429757
o,p-DDE + p,p-DDE	ug/g	<0.010	0.010	N/A	7427087	<0.010	0.010	N/A	7429757
o,p-DDT + p,p-DDT	ug/g	<0.010	0.010	N/A	7427087	<0.010	0.010	N/A	7429757
Total Endosulfan	ug/g	<0.010	0.010	N/A	7427087	<0.010	0.010	N/A	7429757
Total PCB	ug/g	<0.075	0.075	N/A	7427087	<0.075	0.075	N/A	7429757

Pesticides & Herbicides									
Aldrin	ug/g	<0.010	0.010	0.0020	7432556	<0.010	0.010	0.0020	7432556
a-Chlordane	ug/g	<0.010	0.010	0.0020	7432556	<0.010	0.010	0.0020	7432556
g-Chlordane	ug/g	<0.010	0.010	0.0020	7432556	<0.010	0.010	0.0020	7432556
o,p-DDD	ug/g	<0.010	0.010	0.0020	7432556	<0.010	0.010	0.0020	7432556
p,p-DDD	ug/g	<0.010	0.010	0.0020	7432556	<0.010	0.010	0.0020	7432556
o,p-DDE	ug/g	<0.010	0.010	0.0020	7432556	<0.010	0.010	0.0020	7432556
p,p-DDE	ug/g	<0.010	0.010	0.0020	7432556	<0.010	0.010	0.0020	7432556
o,p-DDT	ug/g	<0.010	0.010	0.0020	7432556	<0.010	0.010	0.0020	7432556
p,p-DDT	ug/g	<0.010	0.010	0.0020	7432556	<0.010	0.010	0.0020	7432556
Dieldrin	ug/g	<0.010	0.010	0.0020	7432556	<0.010	0.010	0.0020	7432556
Lindane	ug/g	<0.010	0.010	0.0020	7432556	<0.010	0.010	0.0020	7432556
Endosulfan I (alpha)	ug/g	<0.010	0.010	0.0020	7432556	<0.010	0.010	0.0020	7432556
Endosulfan II (beta)	ug/g	<0.010	0.010	0.0020	7432556	<0.010	0.010	0.0020	7432556
Endrin	ug/g	<0.010	0.010	0.0020	7432556	<0.010	0.010	0.0020	7432556
Heptachlor	ug/g	<0.010	0.010	0.0020	7432556	<0.010	0.010	0.0020	7432556
Heptachlor epoxide	ug/g	<0.010	0.010	0.0020	7432556	<0.010	0.010	0.0020	7432556
Hexachlorobenzene	ug/g	<0.010	0.010	0.0020	7432556	<0.010	0.010	0.0020	7432556
Hexachlorobutadiene	ug/g	<0.010	0.010	N/A	7432556	<0.010	0.010	N/A	7432556
Hexachloroethane	ug/g	<0.010	0.010	N/A	7432556	<0.010	0.010	N/A	7432556

RDL = Reportable Detection Limit
QC Batch = Quality Control Batch
N/A = Not Applicable



BV Labs Job #: C1H3800
Report Date: 2021/07/05

Pinchin Ltd
Client Project #: 294348
Site Location: DIXIE MALL , MISSISSAUGA
Sampler Initials: AN

O.REG 153 OC PESTICIDES (SOIL)

BV Labs ID		PXN583				PXN584			
Sampling Date		2021/06/23 10:30				2021/06/23 11:00			
COC Number		160111				160111			
	UNITS	DUP202106235	RDL	MDL	QC Batch	BH21-23 S1	RDL	MDL	QC Batch
Methoxychlor	ug/g	<0.025	0.025	0.0080	7432556	<0.025	0.025	0.0080	7432556
Aroclor 1242	ug/g	<0.075	0.075	0.015	7432556	<0.075	0.075	0.015	7432556
Aroclor 1248	ug/g	<0.075	0.075	0.015	7432556	<0.075	0.075	0.015	7432556
Aroclor 1254	ug/g	<0.075	0.075	0.015	7432556	<0.075	0.075	0.015	7432556
Aroclor 1260	ug/g	<0.075	0.075	0.015	7432556	<0.075	0.075	0.015	7432556
Surrogate Recovery (%)									
2,4,5,6-Tetrachloro-m-xylene	%	89			7432556	77			7432556
Decachlorobiphenyl	%	78			7432556	82			7432556
RDL = Reportable Detection Limit QC Batch = Quality Control Batch									



BV Labs Job #: C1H3800
Report Date: 2021/07/05

Pinchin Ltd
Client Project #: 294348
Site Location: DIXIE MALL , MISSISSAUGA
Sampler Initials: AN

O.REG 153 PAHS (SOIL)

BV Labs ID		PXN560	PXN562		PXN564			
Sampling Date		2021/06/23 08:30	2021/06/23 09:00		2021/06/23 09:30			
COC Number		160109	160109		160109			
	UNITS	BH21-27 S1	BH21-08 S1	QC Batch	BH21-09 S1	RDL	MDL	QC Batch
Calculated Parameters								
Methylnaphthalene, 2-(1-)	ug/g	<0.0071	<0.0071	7426824	<0.0071	0.0071	N/A	7429643
Polyaromatic Hydrocarbons								
Acenaphthene	ug/g	<0.0050	<0.0050	7432267	<0.0050	0.0050	0.0020	7436578
Acenaphthylene	ug/g	<0.0050	<0.0050	7432267	<0.0050	0.0050	0.0010	7436578
Anthracene	ug/g	0.0087	0.014	7432267	<0.0050	0.0050	0.0010	7436578
Benzo(a)anthracene	ug/g	0.022	0.044	7432267	<0.0050	0.0050	0.0020	7436578
Benzo(a)pyrene	ug/g	0.017	0.047	7432267	<0.0050	0.0050	0.0010	7436578
Benzo(b,j)fluoranthene	ug/g	0.023	0.067	7432267	<0.0050	0.0050	0.0020	7436578
Benzo(g,h,i)perylene	ug/g	0.011	0.037	7432267	<0.0050	0.0050	0.0040	7436578
Benzo(k)fluoranthene	ug/g	0.0092	0.026	7432267	<0.0050	0.0050	0.0020	7436578
Chrysene	ug/g	0.019	0.040	7432267	<0.0050	0.0050	0.0020	7436578
Dibenzo(a,h)anthracene	ug/g	<0.0050	0.011	7432267	<0.0050	0.0050	0.0040	7436578
Fluoranthene	ug/g	0.056	0.087	7432267	<0.0050	0.0050	0.0010	7436578
Fluorene	ug/g	<0.0050	<0.0050	7432267	<0.0050	0.0050	0.0010	7436578
Indeno(1,2,3-cd)pyrene	ug/g	0.012	0.041	7432267	<0.0050	0.0050	0.0040	7436578
1-Methylnaphthalene	ug/g	<0.0050	<0.0050	7432267	<0.0050	0.0050	0.0010	7436578
2-Methylnaphthalene	ug/g	<0.0050	<0.0050	7432267	<0.0050	0.0050	0.0010	7436578
Naphthalene	ug/g	<0.0050	<0.0050	7432267	<0.0050	0.0050	0.0010	7436578
Phenanthrene	ug/g	0.045	0.055	7432267	<0.0050	0.0050	0.0010	7436578
Pyrene	ug/g	0.043	0.067	7432267	<0.0050	0.0050	0.0010	7436578
Surrogate Recovery (%)								
D10-Anthracene	%	88	87	7432267	73			7436578
D14-Terphenyl (FS)	%	87	89	7432267	73			7436578
D8-Acenaphthylene	%	84	85	7432267	51			7436578
RDL = Reportable Detection Limit								
QC Batch = Quality Control Batch								
N/A = Not Applicable								



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VERITAS

BV Labs Job #: C1H3800
Report Date: 2021/07/05

Pinchin Ltd
Client Project #: 294348
Site Location: DIXIE MALL, MISSISSAUGA
Sampler Initials: AN

O.REG 153 PAHS (SOIL)

BV Labs ID		PXN581	PXN584	PXN586			
Sampling Date		2021/06/23 10:30	2021/06/23 11:00	2021/06/23 11:30			
COC Number		160111	160111	160111			
	UNITS	BH21-24 S1	BH21-23 S1	BH21-22 S1	RDL	MDL	QC Batch
Calculated Parameters							
Methylnaphthalene, 2-(1-)	ug/g	<0.071	<0.071	<0.071	0.071	N/A	7426824
Polyaromatic Hydrocarbons							
Acenaphthene	ug/g	<0.050	<0.050	<0.050	0.050	0.020	7432267
Acenaphthylene	ug/g	<0.050	<0.050	<0.050	0.050	0.010	7432267
Anthracene	ug/g	<0.050	<0.050	<0.050	0.050	0.010	7432267
Benzo(a)anthracene	ug/g	<0.050	<0.050	0.094	0.050	0.020	7432267
Benzo(a)pyrene	ug/g	<0.050	<0.050	0.087	0.050	0.010	7432267
Benzo(b/j)fluoranthene	ug/g	<0.050	<0.050	0.11	0.050	0.020	7432267
Benzo(g,h,i)perylene	ug/g	<0.050	<0.050	0.065	0.050	0.040	7432267
Benzo(k)fluoranthene	ug/g	<0.050	<0.050	<0.050	0.050	0.020	7432267
Chrysene	ug/g	<0.050	<0.050	0.079	0.050	0.020	7432267
Dibenzo(a,h)anthracene	ug/g	<0.050	<0.050	<0.050	0.050	0.040	7432267
Fluoranthene	ug/g	0.059	<0.050	0.23	0.050	0.010	7432267
Fluorene	ug/g	<0.050	<0.050	<0.050	0.050	0.010	7432267
Indeno(1,2,3-cd)pyrene	ug/g	<0.050	<0.050	0.065	0.050	0.040	7432267
1-Methylnaphthalene	ug/g	<0.050	<0.050	<0.050	0.050	0.010	7432267
2-Methylnaphthalene	ug/g	<0.050	<0.050	<0.050	0.050	0.010	7432267
Naphthalene	ug/g	<0.050	<0.050	<0.050	0.050	0.010	7432267
Phenanthrene	ug/g	<0.050	<0.050	0.11	0.050	0.010	7432267
Pyrene	ug/g	0.055	<0.050	0.20	0.050	0.010	7432267
Surrogate Recovery (%)							
D10-Anthracene	%	98	94	98			7432267
D14-Terphenyl (FS)	%	94	89	95			7432267
D8-Acenaphthylene	%	92	85	91			7432267
RDL = Reportable Detection Limit QC Batch = Quality Control Batch N/A = Not Applicable							



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VERITAS

BV Labs Job #: C1H3800

Report Date: 2021/07/05

Pinchin Ltd

Client Project #: 294348

Site Location: DIXIE MALL , MISSISSAUGA

Sampler Initials: AN

O.REG 153 PCBS (SOIL)

BV Labs ID		PXN560		PXN586	PXN586			
Sampling Date		2021/06/23 08:30		2021/06/23 11:30	2021/06/23 11:30			
COC Number		160109		160111	160111			
	UNITS	BH21-27 S1	QC Batch	BH21-22 S1	BH21-22 S1 Lab-Dup	RDL	MDL	QC Batch
PCBs								
Aroclor 1242	ug/g	<0.010	7432587	<0.010	<0.010	0.010	0.0070	7431311
Aroclor 1248	ug/g	<0.010	7432587	<0.010	<0.010	0.010	0.0070	7431311
Aroclor 1254	ug/g	<0.010	7432587	0.093	0.011 (1)	0.010	0.0070	7431311
Aroclor 1260	ug/g	<0.010	7432587	<0.010	<0.010	0.010	0.0070	7431311
Total PCB	ug/g	<0.010	7432587	0.093	0.011 (1)	0.010	0.0070	7431311
Surrogate Recovery (%)								
Decachlorobiphenyl	%	97	7432587	79	86			7431311
RDL = Reportable Detection Limit QC Batch = Quality Control Batch Lab-Dup = Laboratory Initiated Duplicate (1) Duplicate results exceeded RPD acceptance criteria. This may be due to sample heterogeneity.								



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VERITAS

BV Labs Job #: C1H3800
Report Date: 2021/07/05

Pinchin Ltd
Client Project #: 294348
Site Location: DIXIE MALL , MISSISSAUGA
Sampler Initials: AN

O.REG 153 PHCS, BTEX/F1-F4 (SOIL)

BV Labs ID		PXN560	PXN562	PXN564	PXN581	PXN584	PXN586			
Sampling Date		2021/06/23 08:30	2021/06/23 09:00	2021/06/23 09:30	2021/06/23 10:30	2021/06/23 11:00	2021/06/23 11:30			
COC Number		160109	160109	160109	160111	160111	160111			
	UNITS	BH21-27 S1	BH21-08 S1	BH21-09 S1	BH21-24 S1	BH21-23 S1	BH21-22 S1	RDL	MDL	QC Batch
Inorganics										
Moisture	%	6.1	9.4	9.2	12	13	9.7	1.0	0.50	7428730
BTEX & F1 Hydrocarbons										
Benzene	ug/g	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	0.020	0.020	7432239
Toluene	ug/g	<0.020	<0.020	<0.020	<0.020	0.024	<0.020	0.020	0.020	7432239
Ethylbenzene	ug/g	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	0.020	0.020	7432239
o-Xylene	ug/g	<0.020	<0.020	<0.020	<0.020	0.061	<0.020	0.020	0.020	7432239
p+m-Xylene	ug/g	<0.040	<0.040	<0.040	<0.040	0.071	<0.040	0.040	0.040	7432239
Total Xylenes	ug/g	<0.040	<0.040	<0.040	<0.040	0.13	<0.040	0.040	0.040	7432239
F1 (C6-C10)	ug/g	<10	<10	<10	<10	<10	<10	10	5.0	7432239
F1 (C6-C10) - BTEX	ug/g	<10	<10	<10	<10	<10	<10	10	5.0	7432239
F2-F4 Hydrocarbons										
F2 (C10-C16 Hydrocarbons)	ug/g	<10	<10	<10	<10	<10	<10	10	5.0	7429765
F3 (C16-C34 Hydrocarbons)	ug/g	<50	<50	<50	<50	<50	83	50	5.0	7429765
F4 (C34-C50 Hydrocarbons)	ug/g	<50	<50	<50	<50	<50	91	50	10	7429765
Reached Baseline at C50	ug/g	Yes	Yes	Yes	Yes	Yes	Yes			7429765
Surrogate Recovery (%)										
1,4-Difluorobenzene	%	102	101	102	101	101	101			7432239
4-Bromofluorobenzene	%	103	103	99	101	103	102			7432239
D10-o-Xylene	%	99	105	98	102	104	105			7432239
D4-1,2-Dichloroethane	%	110	109	112	107	108	108			7432239
o-Terphenyl	%	94	94	96	95	95	102			7429765
RDL = Reportable Detection Limit										
QC Batch = Quality Control Batch										

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VERITAS

BV Labs Job #: C1H3800

Report Date: 2021/07/05

Pinchin Ltd

Client Project #: 294348

Site Location: DIXIE MALL, MISSISSAUGA

Sampler Initials: AN

RESULTS OF ANALYSES OF SOIL

BV Labs ID		PXN557				PXN559	PXN560			PXN563			
Sampling Date		2021/06/23 08:00				2021/06/23 08:00	2021/06/23 08:30			2021/06/23 09:00			
COC Number		160109				160109	160109			160109			
	UNITS	BH21-07 S1	RDL	MDL	QC Batch	BH21-07 S3	BH21-27 S1	MDL	QC Batch	BH21-08 S2	RDL	MDL	QC Batch
Inorganics													
Available (CaCl ₂) pH	pH	8.03			7432764	7.75	7.54		7432935	7.88			7432935
Miscellaneous Parameters													
Grain Size	%	COARSE	N/A	N/A	7431839					COARSE	N/A	N/A	7431839
Sieve - #200 (<0.075mm)	%	22	1	N/A	7431839					16	1	N/A	7431839
Sieve - #200 (>0.075mm)	%	78	1	N/A	7431839					84	1	N/A	7431839
RDL = Reportable Detection Limit QC Batch = Quality Control Batch N/A = Not Applicable													

BV Labs ID		PXN565				PXN566				PXN585			
Sampling Date		2021/06/23 09:30				2021/06/23 10:00				2021/06/23 11:00			
COC Number		160109				160109				160111			
	UNITS	BH21-09 S2	QC Batch	BH21-01 S2	RDL	MDL	QC Batch	BH21-23 S2	MDL	QC Batch			
Inorganics													
Available (CaCl ₂) pH	pH				7.80			7432935	7.78			7432935	
Miscellaneous Parameters													
Grain Size	%	COARSE	7431839	FINE	N/A	N/A	7431839						
Sieve - #200 (<0.075mm)	%	30	7431839	61	1	N/A	7431839						
Sieve - #200 (>0.075mm)	%	70	7431839	39	1	N/A	7431839						
RDL = Reportable Detection Limit QC Batch = Quality Control Batch N/A = Not Applicable													

BV Labs ID		PXN587				
Sampling Date		2021/06/23 11:30				
COC Number		160111				
	UNITS	BH21-22 S3	RDL	MDL	QC Batch	
Miscellaneous Parameters						
Grain Size	%	COARSE	N/A	N/A	7431839	
Sieve - #200 (<0.075mm)	%	38	1	N/A	7431839	
Sieve - #200 (>0.075mm)	%	62	1	N/A	7431839	
RDL = Reportable Detection Limit QC Batch = Quality Control Batch N/A = Not Applicable						



BV Labs Job #: C1H3800
Report Date: 2021/07/05

Pinchin Ltd
Client Project #: 294348
Site Location: DIXIE MALL , MISSISSAUGA
Sampler Initials: AN

TEST SUMMARY

BV Labs ID: PXN557
Sample ID: BH21-07 S1
Matrix: Soil

Collected: 2021/06/23
Shipped:
Received: 2021/06/23

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Acid Extractable Metals by ICPMS	ICP/MS	7429809	2021/06/25	2021/06/28	Viviana Canzonieri
Moisture	BAL	7428730	N/A	2021/06/24	Gurpreet Kaur (ONT)
OC Pesticides (Selected) & PCB	GC/ECD	7432556	2021/06/28	2021/06/29	Mahmudul Khan
OC Pesticides Summed Parameters	CALC	7427087	N/A	2021/06/25	Automated Statchk
pH CaCl2 EXTRACT	AT	7432764	2021/06/28	2021/06/28	Surinder Rai
Sieve, 75um	SIEV	7431839	N/A	2021/06/28	Gurpreet Kaur (ONT)

BV Labs ID: PXN557 Dup
Sample ID: BH21-07 S1
Matrix: Soil

Collected: 2021/06/23
Shipped:
Received: 2021/06/23

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Moisture	BAL	7428730	N/A	2021/06/24	Gurpreet Kaur (ONT)

BV Labs ID: PXN559
Sample ID: BH21-07 S3
Matrix: Soil

Collected: 2021/06/23
Shipped:
Received: 2021/06/23

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
pH CaCl2 EXTRACT	AT	7432935	2021/06/28	2021/06/28	Surinder Rai

BV Labs ID: PXN560
Sample ID: BH21-27 S1
Matrix: Soil

Collected: 2021/06/23
Shipped:
Received: 2021/06/23

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Methylnaphthalene Sum	CALC	7426824	N/A	2021/06/30	Automated Statchk
Petroleum Hydro. CCME F1 & BTEX in Soil	HSGC/MSFD	7432239	N/A	2021/06/27	Joe Paino
Petroleum Hydrocarbons F2-F4 in Soil	GC/FID	7429765	2021/06/25	2021/06/26	Dennis Ngandu
Moisture	BAL	7428730	N/A	2021/06/24	Gurpreet Kaur (ONT)
PAH Compounds in Soil by GC/MS (SIM)	GC/MS	7432267	2021/06/27	2021/06/28	Lingyun Feng
Polychlorinated Biphenyl in Soil	GC/ECD	7432587	2021/06/28	2021/06/28	Svitlana Shaula
pH CaCl2 EXTRACT	AT	7432935	2021/06/28	2021/06/28	Surinder Rai

BV Labs ID: PXN562
Sample ID: BH21-08 S1
Matrix: Soil

Collected: 2021/06/23
Shipped:
Received: 2021/06/23

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Methylnaphthalene Sum	CALC	7426824	N/A	2021/06/30	Automated Statchk
Hot Water Extractable Boron	ICP	7430339	2021/06/25	2021/06/28	Archana Patel
Free (WAD) Cyanide	TECH	7429733	2021/06/25	2021/06/28	Louise Harding
Hexavalent Chromium in Soil by IC	IC/SPEC	7429378	2021/06/25	2021/06/28	Lusine Khachatryan
Petroleum Hydro. CCME F1 & BTEX in Soil	HSGC/MSFD	7432239	N/A	2021/06/27	Joe Paino
Petroleum Hydrocarbons F2-F4 in Soil	GC/FID	7429765	2021/06/25	2021/06/26	Dennis Ngandu



BV Labs Job #: C1H3800
Report Date: 2021/07/05

Pinchin Ltd
Client Project #: 294348
Site Location: DIXIE MALL , MISSISSAUGA
Sampler Initials: AN

TEST SUMMARY

BV Labs ID: PXN562
Sample ID: BH21-08 S1
Matrix: Soil

Collected: 2021/06/23
Shipped:
Received: 2021/06/23

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Acid Extractable Metals by ICPMS	ICP/MS	7429809	2021/06/25	2021/06/28	Viviana Canzonieri
Moisture	BAL	7428730	N/A	2021/06/24	Gurpreet Kaur (ONT)
OC Pesticides (Selected) & PCB	GC/ECD	7432556	2021/06/28	2021/06/29	Mahmudul Khan
OC Pesticides Summed Parameters	CALC	7429757	N/A	2021/06/28	Automated Statchk
PAH Compounds in Soil by GC/MS (SIM)	GC/MS	7432267	2021/06/27	2021/06/28	Lingyun Feng
pH CaCl2 EXTRACT	AT	7432935	2021/06/28	2021/06/28	Surinder Rai

BV Labs ID: PXN563
Sample ID: BH21-08 S2
Matrix: Soil

Collected: 2021/06/23
Shipped:
Received: 2021/06/23

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
pH CaCl2 EXTRACT	AT	7432935	2021/06/28	2021/06/28	Surinder Rai
Sieve, 75um	SIEV	7431839	N/A	2021/06/28	Gurpreet Kaur (ONT)

BV Labs ID: PXN564
Sample ID: BH21-09 S1
Matrix: Soil

Collected: 2021/06/23
Shipped:
Received: 2021/06/23

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Methylnaphthalene Sum	CALC	7429643	N/A	2021/07/03	Automated Statchk
Hot Water Extractable Boron	ICP	7430339	2021/06/25	2021/06/28	Archana Patel
Free (WAD) Cyanide	TECH	7429733	2021/06/25	2021/06/28	Louise Harding
Hexavalent Chromium in Soil by IC	IC/SPEC	7429378	2021/06/25	2021/06/28	Lusine Khachatryan
Petroleum Hydro. CCME F1 & BTEX in Soil	HSGC/MSFD	7432239	N/A	2021/06/27	Joe Paino
Petroleum Hydrocarbons F2-F4 in Soil	GC/FID	7429765	2021/06/25	2021/06/26	Dennis Ngundu
Acid Extractable Metals by ICPMS	ICP/MS	7429809	2021/06/25	2021/06/28	Viviana Canzonieri
Moisture	BAL	7428730	N/A	2021/06/24	Gurpreet Kaur (ONT)
PAH Compounds in Soil by GC/MS (SIM)	GC/MS	7436578	2021/06/29	2021/06/30	Mitesh Raj

BV Labs ID: PXN565
Sample ID: BH21-09 S2
Matrix: Soil

Collected: 2021/06/23
Shipped:
Received: 2021/06/23

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Sieve, 75um	SIEV	7431839	N/A	2021/06/28	Gurpreet Kaur (ONT)

BV Labs ID: PXN566
Sample ID: BH21-01 S2
Matrix: Soil

Collected: 2021/06/23
Shipped:
Received: 2021/06/23

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
pH CaCl2 EXTRACT	AT	7432935	2021/06/28	2021/06/28	Surinder Rai
Sieve, 75um	SIEV	7431839	N/A	2021/06/28	Gurpreet Kaur (ONT)



BV Labs Job #: C1H3800
Report Date: 2021/07/05

Pinchin Ltd
Client Project #: 294348
Site Location: DIXIE MALL , MISSISSAUGA
Sampler Initials: AN

TEST SUMMARY

BV Labs ID: PXN581
Sample ID: BH21-24 S1
Matrix: Soil

Collected: 2021/06/23
Shipped:
Received: 2021/06/23

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Methylnaphthalene Sum	CALC	7426824	N/A	2021/06/30	Automated Statchk
Hot Water Extractable Boron	ICP	7430339	2021/06/25	2021/06/28	Archana Patel
Free (WAD) Cyanide	TECH	7429733	2021/06/25	2021/06/28	Louise Harding
Hexavalent Chromium in Soil by IC	IC/SPEC	7429378	2021/06/25	2021/06/28	Lusine Khachatryan
Petroleum Hydro. CCME F1 & BTEX in Soil	HSGC/MSFD	7432239	N/A	2021/06/27	Joe Paino
Petroleum Hydrocarbons F2-F4 in Soil	GC/FID	7429765	2021/06/25	2021/06/26	Dennis Ngundu
Acid Extractable Metals by ICPMS	ICP/MS	7429809	2021/06/25	2021/06/28	Viviana Canzonieri
Moisture	BAL	7428730	N/A	2021/06/24	Gurpreet Kaur (ONT)
OC Pesticides (Selected) & PCB	GC/ECD	7432556	2021/06/28	2021/06/29	Mahmudul Khan
OC Pesticides Summed Parameters	CALC	7427087	N/A	2021/06/25	Automated Statchk
PAH Compounds in Soil by GC/MS (SIM)	GC/MS	7432267	2021/06/27	2021/06/28	Lingyun Feng
pH CaCl2 EXTRACT	AT	7432935	2021/06/28	2021/06/28	Surinder Rai

BV Labs ID: PXN583
Sample ID: DUP202106235
Matrix: Soil

Collected: 2021/06/23
Shipped:
Received: 2021/06/23

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Hot Water Extractable Boron	ICP	7430339	2021/06/25	2021/06/28	Archana Patel
Free (WAD) Cyanide	TECH	7429733	2021/06/25	2021/06/28	Louise Harding
Hexavalent Chromium in Soil by IC	IC/SPEC	7429378	2021/06/25	2021/06/28	Lusine Khachatryan
Acid Extractable Metals by ICPMS	ICP/MS	7429809	2021/06/25	2021/06/28	Viviana Canzonieri
Moisture	BAL	7428730	N/A	2021/06/24	Gurpreet Kaur (ONT)
OC Pesticides (Selected) & PCB	GC/ECD	7432556	2021/06/28	2021/06/29	Mahmudul Khan
OC Pesticides Summed Parameters	CALC	7427087	N/A	2021/06/25	Automated Statchk
pH CaCl2 EXTRACT	AT	7432935	2021/06/28	2021/06/28	Surinder Rai

BV Labs ID: PXN584
Sample ID: BH21-23 S1
Matrix: Soil

Collected: 2021/06/23
Shipped:
Received: 2021/06/23

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Methylnaphthalene Sum	CALC	7426824	N/A	2021/06/30	Automated Statchk
Hot Water Extractable Boron	ICP	7430339	2021/06/25	2021/06/28	Archana Patel
Free (WAD) Cyanide	TECH	7429733	2021/06/25	2021/06/28	Louise Harding
Hexavalent Chromium in Soil by IC	IC/SPEC	7429378	2021/06/25	2021/06/28	Lusine Khachatryan
Petroleum Hydro. CCME F1 & BTEX in Soil	HSGC/MSFD	7432239	N/A	2021/06/27	Joe Paino
Petroleum Hydrocarbons F2-F4 in Soil	GC/FID	7429765	2021/06/25	2021/06/26	Dennis Ngundu
Acid Extractable Metals by ICPMS	ICP/MS	7429809	2021/06/25	2021/06/28	Viviana Canzonieri
Moisture	BAL	7428730	N/A	2021/06/24	Gurpreet Kaur (ONT)
OC Pesticides (Selected) & PCB	GC/ECD	7432556	2021/06/28	2021/06/29	Mahmudul Khan
OC Pesticides Summed Parameters	CALC	7429757	N/A	2021/06/28	Automated Statchk
PAH Compounds in Soil by GC/MS (SIM)	GC/MS	7432267	2021/06/27	2021/06/28	Lingyun Feng
pH CaCl2 EXTRACT	AT	7432935	2021/06/28	2021/06/28	Surinder Rai



BV Labs Job #: C1H3800
Report Date: 2021/07/05

Pinchin Ltd
Client Project #: 294348
Site Location: DIXIE MALL , MISSISSAUGA
Sampler Initials: AN

TEST SUMMARY

BV Labs ID: PXN585
Sample ID: BH21-23 S2
Matrix: Soil

Collected: 2021/06/23
Shipped:
Received: 2021/06/23

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
pH CaCl2 EXTRACT	AT	7432935	2021/06/28	2021/06/28	Surinder Rai

BV Labs ID: PXN586
Sample ID: BH21-22 S1
Matrix: Soil

Collected: 2021/06/23
Shipped:
Received: 2021/06/23

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Methylnaphthalene Sum	CALC	7426824	N/A	2021/06/30	Automated Statchk
Hot Water Extractable Boron	ICP	7433954	2021/06/28	2021/06/29	Archana Patel
Free (WAD) Cyanide	TECH	7433316	2021/06/28	2021/06/30	Louise Harding
Hexavalent Chromium in Soil by IC	IC/SPEC	7432925	2021/06/28	2021/06/29	Lusine Khachatryan
Petroleum Hydro. CCME F1 & BTEX in Soil	HSGC/MSFD	7432239	N/A	2021/06/27	Joe Paino
Petroleum Hydrocarbons F2-F4 in Soil	GC/FID	7429765	2021/06/25	2021/06/26	Dennis Ngundu
Acid Extractable Metals by ICPMS	ICP/MS	7434860	2021/06/29	2021/06/29	Daniel Teclu
Moisture	BAL	7428730	N/A	2021/06/24	Gurpreet Kaur (ONT)
PAH Compounds in Soil by GC/MS (SIM)	GC/MS	7432267	2021/06/27	2021/06/28	Lingyun Feng
Polychlorinated Biphenyl in Soil	GC/ECD	7431311	2021/06/25	2021/06/26	Li Peng

BV Labs ID: PXN586 Dup
Sample ID: BH21-22 S1
Matrix: Soil

Collected: 2021/06/23
Shipped:
Received: 2021/06/23

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Polychlorinated Biphenyl in Soil	GC/ECD	7431311	2021/06/25	2021/06/26	Li Peng

BV Labs ID: PXN587
Sample ID: BH21-22 S3
Matrix: Soil

Collected: 2021/06/23
Shipped:
Received: 2021/06/23

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Sieve, 75um	SIEV	7431839	N/A	2021/06/28	Gurpreet Kaur (ONT)



GENERAL COMMENTS

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

Package 1	9.0°C
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Cooler custody seal was present and intact.

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

Sample PXN562 [BH21-08 S1] : OC Pesticide Analysis: Detection limits were raised due to matrix interferences.

Sample PXN581 [BH21-24 S1] : PAH ANALYSIS: Due to the sample matrix, sample required dilution. Detection limit was adjusted accordingly.

Sample PXN584 [BH21-23 S1] : PAH ANALYSIS: Due to the sample matrix, sample required dilution. Detection limit was adjusted accordingly.

Sample PXN586 [BH21-22 S1] : PAH ANALYSIS: Due to the sample matrix, sample required dilution. Detection limit was adjusted accordingly.

Results relate only to the items tested.

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VERITAS

BV Labs Job #: C1H3800

Report Date: 2021/07/05

QUALITY ASSURANCE REPORT

Pinchin Ltd

Client Project #: 294348

Site Location: DIXIE MALL , MISSISSAUGA

Sampler Initials: AN

QC Batch	Parameter	Date	Matrix Spike		SPIKED BLANK		Method Blank		RPD		QC Standard	
			% Recovery	QC Limits	% Recovery	QC Limits	Value	UNITS	Value (%)	QC Limits	% Recovery	QC Limits
7429765	o-Terphenyl	2021/06/26	97	60 - 130	102	60 - 130	92	%				
7431311	Decachlorobiphenyl	2021/06/26	92	60 - 130	91	60 - 130	93	%				
7432239	1,4-Difluorobenzene	2021/06/27	97	60 - 140	98	60 - 140	104	%				
7432239	4-Bromofluorobenzene	2021/06/27	112	60 - 140	109	60 - 140	104	%				
7432239	D10-o-Xylene	2021/06/27	104	60 - 140	105	60 - 140	103	%				
7432239	D4-1,2-Dichloroethane	2021/06/27	102	60 - 140	104	60 - 140	111	%				
7432267	D10-Anthracene	2021/06/28	96	50 - 130	92	50 - 130	94	%				
7432267	D14-Terphenyl (FS)	2021/06/28	93	50 - 130	97	50 - 130	96	%				
7432267	D8-Acenaphthylene	2021/06/28	81	50 - 130	89	50 - 130	90	%				
7432556	2,4,5,6-Tetrachloro-m-xylene	2021/06/29	84	50 - 130	85	50 - 130	75	%				
7432556	Decachlorobiphenyl	2021/06/29	92	50 - 130	101	50 - 130	91	%				
7432587	Decachlorobiphenyl	2021/06/28	91	60 - 130	91	60 - 130	98	%				
7436578	D10-Anthracene	2021/06/30	94	50 - 130	95	50 - 130	92	%				
7436578	D14-Terphenyl (FS)	2021/06/30	95	50 - 130	96	50 - 130	91	%				
7436578	D8-Acenaphthylene	2021/06/30	85	50 - 130	92	50 - 130	72	%				
7428730	Moisture	2021/06/24							5.5	20		
7429378	Chromium (VI)	2021/06/28	91	70 - 130	94	80 - 120	<0.18	ug/g	NC	35		
7429733	WAD Cyanide (Free)	2021/06/28	89	75 - 125	99	80 - 120	<0.01	ug/g	NC	35		
7429765	F2 (C10-C16 Hydrocarbons)	2021/06/26	101	50 - 130	106	80 - 120	<10	ug/g	NC	30		
7429765	F3 (C16-C34 Hydrocarbons)	2021/06/26	102	50 - 130	107	80 - 120	<50	ug/g	NC	30		
7429765	F4 (C34-C50 Hydrocarbons)	2021/06/26	103	50 - 130	109	80 - 120	<50	ug/g	NC	30		
7429809	Acid Extractable Antimony (Sb)	2021/06/28	97	75 - 125	105	80 - 120	<0.20	ug/g	NC	30		
7429809	Acid Extractable Arsenic (As)	2021/06/28	100	75 - 125	99	80 - 120	<1.0	ug/g	12	30		
7429809	Acid Extractable Barium (Ba)	2021/06/28	NC	75 - 125	106	80 - 120	<0.50	ug/g	6.1	30		
7429809	Acid Extractable Beryllium (Be)	2021/06/28	107	75 - 125	109	80 - 120	<0.20	ug/g	5.6	30		
7429809	Acid Extractable Boron (B)	2021/06/28	98	75 - 125	109	80 - 120	<5.0	ug/g	NC	30		
7429809	Acid Extractable Cadmium (Cd)	2021/06/28	101	75 - 125	101	80 - 120	<0.10	ug/g	NC	30		
7429809	Acid Extractable Chromium (Cr)	2021/06/28	101	75 - 125	101	80 - 120	<1.0	ug/g	3.9	30		
7429809	Acid Extractable Cobalt (Co)	2021/06/28	96	75 - 125	98	80 - 120	<0.10	ug/g	1.8	30		
7429809	Acid Extractable Copper (Cu)	2021/06/28	NC	75 - 125	102	80 - 120	<0.50	ug/g	2.4	30		
7429809	Acid Extractable Lead (Pb)	2021/06/28	100	75 - 125	101	80 - 120	<1.0	ug/g	1.2	30		

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BV Labs Job #: C1H3800

Report Date: 2021/07/05

QUALITY ASSURANCE REPORT(CONT'D)

Pinchin Ltd

Client Project #: 294348

Site Location: DIXIE MALL , MISSISSAUGA

Sampler Initials: AN

QC Batch	Parameter	Date	Matrix Spike		SPIKED BLANK		Method Blank		RPD		QC Standard	
			% Recovery	QC Limits	% Recovery	QC Limits	Value	UNITS	Value (%)	QC Limits	% Recovery	QC Limits
7429809	Acid Extractable Mercury (Hg)	2021/06/28	91	75 - 125	96	80 - 120	<0.050	ug/g	NC	30		
7429809	Acid Extractable Molybdenum (Mo)	2021/06/28	103	75 - 125	102	80 - 120	<0.50	ug/g	NC	30		
7429809	Acid Extractable Nickel (Ni)	2021/06/28	101	75 - 125	101	80 - 120	<0.50	ug/g	1.7	30		
7429809	Acid Extractable Selenium (Se)	2021/06/28	101	75 - 125	103	80 - 120	<0.50	ug/g	NC	30		
7429809	Acid Extractable Silver (Ag)	2021/06/28	96	75 - 125	94	80 - 120	<0.20	ug/g	NC	30		
7429809	Acid Extractable Thallium (Tl)	2021/06/28	99	75 - 125	101	80 - 120	<0.050	ug/g	2.6	30		
7429809	Acid Extractable Uranium (U)	2021/06/28	101	75 - 125	101	80 - 120	<0.050	ug/g	8.3	30		
7429809	Acid Extractable Vanadium (V)	2021/06/28	101	75 - 125	100	80 - 120	<5.0	ug/g	1.5	30		
7429809	Acid Extractable Zinc (Zn)	2021/06/28	NC	75 - 125	101	80 - 120	<5.0	ug/g	8.2	30		
7430339	Hot Water Ext. Boron (B)	2021/06/28	101	75 - 125	96	75 - 125	<0.050	ug/g	6.4	40		
7431311	Aroclor 1242	2021/06/26					<0.010	ug/g	NC	50		
7431311	Aroclor 1248	2021/06/26					<0.010	ug/g	NC	50		
7431311	Aroclor 1254	2021/06/26					<0.010	ug/g	157 (1)	50		
7431311	Aroclor 1260	2021/06/26	97	30 - 130	97	30 - 130	<0.010	ug/g	NC	50		
7431311	Total PCB	2021/06/26	97	30 - 130	97	30 - 130	<0.010	ug/g	157 (1)	50		
7431839	Sieve - #200 (<0.075mm)	2021/06/28							0.70	20	54	53 - 58
7431839	Sieve - #200 (>0.075mm)	2021/06/28							2.1	20	46	42 - 47
7432239	Benzene	2021/06/27	94	50 - 140	94	50 - 140	<0.020	ug/g	NC	50		
7432239	Ethylbenzene	2021/06/27	103	50 - 140	102	50 - 140	<0.020	ug/g	NC	50		
7432239	F1 (C6-C10) - BTEX	2021/06/27					<10	ug/g	NC	30		
7432239	F1 (C6-C10)	2021/06/27	86	60 - 140	82	80 - 120	<10	ug/g	NC	30		
7432239	o-Xylene	2021/06/27	105	50 - 140	104	50 - 140	<0.020	ug/g	NC	50		
7432239	p+m-Xylene	2021/06/27	98	50 - 140	97	50 - 140	<0.040	ug/g	NC	50		
7432239	Toluene	2021/06/27	91	50 - 140	91	50 - 140	<0.020	ug/g	NC	50		
7432239	Total Xylenes	2021/06/27					<0.040	ug/g	NC	50		
7432267	1-Methylnaphthalene	2021/06/28	89	50 - 130	98	50 - 130	<0.0050	ug/g	10	40		
7432267	2-Methylnaphthalene	2021/06/28	87	50 - 130	90	50 - 130	<0.0050	ug/g	6.4	40		
7432267	Acenaphthene	2021/06/28	72	50 - 130	91	50 - 130	<0.0050	ug/g	36	40		
7432267	Acenaphthylene	2021/06/28	86	50 - 130	91	50 - 130	<0.0050	ug/g	3.6	40		
7432267	Anthracene	2021/06/28	94	50 - 130	93	50 - 130	<0.0050	ug/g	60 (2)	40		
7432267	Benzo(a)anthracene	2021/06/28	93	50 - 130	103	50 - 130	<0.0050	ug/g	40	40		

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VERITAS

BV Labs Job #: C1H3800

Report Date: 2021/07/05

QUALITY ASSURANCE REPORT(CONT'D)

Pinchin Ltd

Client Project #: 294348

Site Location: DIXIE MALL , MISSISSAUGA

Sampler Initials: AN

QC Batch	Parameter	Date	Matrix Spike		SPIKED BLANK		Method Blank		RPD		QC Standard	
			% Recovery	QC Limits	% Recovery	QC Limits	Value	UNITS	Value (%)	QC Limits	% Recovery	QC Limits
7432267	Benzo(a)pyrene	2021/06/28	87	50 - 130	90	50 - 130	<0.0050	ug/g	23	40		
7432267	Benzo(b/j)fluoranthene	2021/06/28	98	50 - 130	101	50 - 130	<0.0050	ug/g	39	40		
7432267	Benzo(g,h,i)perylene	2021/06/28	91	50 - 130	105	50 - 130	<0.0050	ug/g	29	40		
7432267	Benzo(k)fluoranthene	2021/06/28	67	50 - 130	91	50 - 130	<0.0050	ug/g	17	40		
7432267	Chrysene	2021/06/28	99	50 - 130	102	50 - 130	<0.0050	ug/g	37	40		
7432267	Dibenzo(a,h)anthracene	2021/06/28	103	50 - 130	113	50 - 130	<0.0050	ug/g	18	40		
7432267	Fluoranthene	2021/06/28	96	50 - 130	105	50 - 130	<0.0050	ug/g	54 (2)	40		
7432267	Fluorene	2021/06/28	90	50 - 130	98	50 - 130	<0.0050	ug/g	NC	40		
7432267	Indeno(1,2,3-cd)pyrene	2021/06/28	96	50 - 130	115	50 - 130	<0.0050	ug/g	35	40		
7432267	Naphthalene	2021/06/28	59	50 - 130	84	50 - 130	<0.0050	ug/g	9.3	40		
7432267	Phenanthrene	2021/06/28	100	50 - 130	96	50 - 130	<0.0050	ug/g	84 (2)	40		
7432267	Pyrene	2021/06/28	93	50 - 130	105	50 - 130	<0.0050	ug/g	29	40		
7432556	a-Chlordane	2021/06/29	73	50 - 130	69	50 - 130	<0.0020	ug/g	NC	40		
7432556	Aldrin	2021/06/29	76	50 - 130	76	50 - 130	<0.0020	ug/g	NC	40		
7432556	Aroclor 1242	2021/06/29					<0.015	ug/g				
7432556	Aroclor 1248	2021/06/29					<0.015	ug/g				
7432556	Aroclor 1254	2021/06/29					<0.015	ug/g				
7432556	Aroclor 1260	2021/06/29					<0.015	ug/g				
7432556	Dieldrin	2021/06/29	111	50 - 130	92	50 - 130	<0.0020	ug/g	NC	40		
7432556	Endosulfan I (alpha)	2021/06/29	92	50 - 130	81	50 - 130	<0.0020	ug/g	NC	40		
7432556	Endosulfan II (beta)	2021/06/29	121	50 - 130	91	50 - 130	<0.0020	ug/g	NC	40		
7432556	Endrin	2021/06/29	82	50 - 130	74	50 - 130	<0.0020	ug/g	NC	40		
7432556	g-Chlordane	2021/06/29	73	50 - 130	74	50 - 130	<0.0020	ug/g	NC	40		
7432556	Heptachlor epoxide	2021/06/29	111	50 - 130	85	50 - 130	<0.0020	ug/g	NC	40		
7432556	Heptachlor	2021/06/29	75	50 - 130	74	50 - 130	<0.0020	ug/g	NC	40		
7432556	Hexachlorobenzene	2021/06/29	85	50 - 130	93	50 - 130	<0.0020	ug/g	NC	40		
7432556	Hexachlorobutadiene	2021/06/29	86	50 - 130	100	50 - 130	<0.0020	ug/g	NC	40		
7432556	Hexachloroethane	2021/06/29	74	50 - 130	87	50 - 130	<0.0020	ug/g	NC	40		
7432556	Lindane	2021/06/29	73	50 - 130	76	50 - 130	<0.0020	ug/g	NC	40		
7432556	Methoxychlor	2021/06/29	107	50 - 130	96	50 - 130	<0.0050	ug/g	NC	40		
7432556	o,p-DDD	2021/06/29	90	50 - 130	85	50 - 130	<0.0020	ug/g	NC	40		

BUREAU
VERITAS

BV Labs Job #: C1H3800

Report Date: 2021/07/05

QUALITY ASSURANCE REPORT(CONT'D)

Pinchin Ltd

Client Project #: 294348

Site Location: DIXIE MALL , MISSISSAUGA

Sampler Initials: AN

QC Batch	Parameter	Date	Matrix Spike		SPIKED BLANK		Method Blank		RPD		QC Standard	
			% Recovery	QC Limits	% Recovery	QC Limits	Value	UNITS	Value (%)	QC Limits	% Recovery	QC Limits
7432556	o,p-DDE	2021/06/29	83	50 - 130	83	50 - 130	<0.0020	ug/g	NC	40		
7432556	o,p-DDT	2021/06/29	73	50 - 130	66	50 - 130	<0.0020	ug/g	NC	40		
7432556	p,p-DDD	2021/06/29	74	50 - 130	78	50 - 130	<0.0020	ug/g	NC	40		
7432556	p,p-DDE	2021/06/29	82	50 - 130	81	50 - 130	<0.0020	ug/g	NC	40		
7432556	p,p-DDT	2021/06/29	75	50 - 130	82	50 - 130	<0.0020	ug/g	NC	40		
7432587	Aroclor 1242	2021/06/28					<0.010	ug/g	NC	50		
7432587	Aroclor 1248	2021/06/28					<0.010	ug/g	NC	50		
7432587	Aroclor 1254	2021/06/28					<0.010	ug/g	NC	50		
7432587	Aroclor 1260	2021/06/28	101	30 - 130	100	30 - 130	<0.010	ug/g	NC	50		
7432587	Total PCB	2021/06/28	101	30 - 130	100	30 - 130	<0.010	ug/g	NC	50		
7432764	Available (CaCl ₂) pH	2021/06/28			100	97 - 103			0.33	N/A		
7432925	Chromium (VI)	2021/06/29	83	70 - 130	97	80 - 120	<0.18	ug/g	NC	35		
7432935	Available (CaCl ₂) pH	2021/06/28			100	97 - 103			0.22	N/A		
7433316	WAD Cyanide (Free)	2021/06/30	94	75 - 125	98	80 - 120	<0.01	ug/g	NC	35		
7433954	Hot Water Ext. Boron (B)	2021/06/29	97	75 - 125	94	75 - 125	<0.050	ug/g	0.55	40		
7434860	Acid Extractable Antimony (Sb)	2021/06/29	95	75 - 125	100	80 - 120	<0.20	ug/g	NC	30		
7434860	Acid Extractable Arsenic (As)	2021/06/29	100	75 - 125	98	80 - 120	<1.0	ug/g	6.3	30		
7434860	Acid Extractable Barium (Ba)	2021/06/29	NC	75 - 125	100	80 - 120	<0.50	ug/g	6.2	30		
7434860	Acid Extractable Beryllium (Be)	2021/06/29	102	75 - 125	102	80 - 120	<0.20	ug/g	1.2	30		
7434860	Acid Extractable Boron (B)	2021/06/29	100	75 - 125	104	80 - 120	<5.0	ug/g	2.4	30		
7434860	Acid Extractable Cadmium (Cd)	2021/06/29	101	75 - 125	100	80 - 120	<0.10	ug/g	NC	30		
7434860	Acid Extractable Chromium (Cr)	2021/06/29	105	75 - 125	101	80 - 120	<1.0	ug/g	0.36	30		
7434860	Acid Extractable Cobalt (Co)	2021/06/29	99	75 - 125	99	80 - 120	<0.10	ug/g	2.9	30		
7434860	Acid Extractable Copper (Cu)	2021/06/29	94	75 - 125	99	80 - 120	<0.50	ug/g	0.062	30		
7434860	Acid Extractable Lead (Pb)	2021/06/29	97	75 - 125	99	80 - 120	<1.0	ug/g	0.16	30		
7434860	Acid Extractable Mercury (Hg)	2021/06/29	87	75 - 125	90	80 - 120	<0.050	ug/g	NC	30		
7434860	Acid Extractable Molybdenum (Mo)	2021/06/29	101	75 - 125	100	80 - 120	<0.50	ug/g	NC	30		
7434860	Acid Extractable Nickel (Ni)	2021/06/29	99	75 - 125	100	80 - 120	<0.50	ug/g	1.9	30		
7434860	Acid Extractable Selenium (Se)	2021/06/29	100	75 - 125	103	80 - 120	<0.50	ug/g	NC	30		
7434860	Acid Extractable Silver (Ag)	2021/06/29	95	75 - 125	96	80 - 120	<0.20	ug/g	NC	30		
7434860	Acid Extractable Thallium (Tl)	2021/06/29	102	75 - 125	102	80 - 120	<0.050	ug/g	3.0	30		

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VERITAS

BV Labs Job #: C1H3800

Report Date: 2021/07/05

QUALITY ASSURANCE REPORT(CONT'D)

Pinchin Ltd

Client Project #: 294348

Site Location: DIXIE MALL , MISSISSAUGA

Sampler Initials: AN

QC Batch	Parameter	Date	Matrix Spike		SPIKED BLANK		Method Blank		RPD		QC Standard	
			% Recovery	QC Limits	% Recovery	QC Limits	Value	UNITS	Value (%)	QC Limits	% Recovery	QC Limits
7434860	Acid Extractable Uranium (U)	2021/06/29	101	75 - 125	102	80 - 120	<0.050	ug/g	12	30		
7434860	Acid Extractable Vanadium (V)	2021/06/29	NC	75 - 125	100	80 - 120	<5.0	ug/g	1.6	30		
7434860	Acid Extractable Zinc (Zn)	2021/06/29	NC	75 - 125	102	80 - 120	<5.0	ug/g	5.5	30		
7436578	1-Methylnaphthalene	2021/06/30	92	50 - 130	95	50 - 130	<0.0050	ug/g	NC	40		
7436578	2-Methylnaphthalene	2021/06/30	92	50 - 130	95	50 - 130	<0.0050	ug/g	NC	40		
7436578	Acenaphthene	2021/06/30	102	50 - 130	102	50 - 130	<0.0050	ug/g	NC	40		
7436578	Acenaphthylene	2021/06/30	97	50 - 130	98	50 - 130	<0.0050	ug/g	NC	40		
7436578	Anthracene	2021/06/30	103	50 - 130	103	50 - 130	<0.0050	ug/g	NC	40		
7436578	Benzo(a)anthracene	2021/06/30	113	50 - 130	110	50 - 130	<0.0050	ug/g	NC	40		
7436578	Benzo(a)pyrene	2021/06/30	98	50 - 130	99	50 - 130	<0.0050	ug/g	NC	40		
7436578	Benzo(b,j)fluoranthene	2021/06/30	108	50 - 130	109	50 - 130	<0.0050	ug/g	NC	40		
7436578	Benzo(g,h,i)perylene	2021/06/30	110	50 - 130	114	50 - 130	<0.0050	ug/g	NC	40		
7436578	Benzo(k)fluoranthene	2021/06/30	109	50 - 130	109	50 - 130	<0.0050	ug/g	NC	40		
7436578	Chrysene	2021/06/30	113	50 - 130	111	50 - 130	<0.0050	ug/g	NC	40		
7436578	Dibenzo(a,h)anthracene	2021/06/30	115	50 - 130	116	50 - 130	<0.0050	ug/g	NC	40		
7436578	Fluoranthene	2021/06/30	111	50 - 130	109	50 - 130	<0.0050	ug/g	NC	40		
7436578	Fluorene	2021/06/30	107	50 - 130	106	50 - 130	<0.0050	ug/g	NC	40		
7436578	Indeno(1,2,3-cd)pyrene	2021/06/30	112	50 - 130	115	50 - 130	<0.0050	ug/g	NC	40		
7436578	Naphthalene	2021/06/30	90	50 - 130	95	50 - 130	<0.0050	ug/g	NC	40		
7436578	Phenanthrene	2021/06/30	107	50 - 130	106	50 - 130	<0.0050	ug/g	NC	40		



BUREAU
VERITAS

BV Labs Job #: C1H3800

Report Date: 2021/07/05

QUALITY ASSURANCE REPORT(CONT'D)

Pinchin Ltd

Client Project #: 294348

Site Location: DIXIE MALL , MISSISSAUGA

Sampler Initials: AN

QC Batch	Parameter	Date	Matrix Spike		SPIKED BLANK		Method Blank		RPD		QC Standard	
			% Recovery	QC Limits	% Recovery	QC Limits	Value	UNITS	Value (%)	QC Limits	% Recovery	QC Limits
7436578	Pyrene	2021/06/30	108	50 - 130	108	50 - 130	<0.0050	ug/g	NC	40		
N/A = Not Applicable Duplicate: Paired analysis of a separate portion of the same sample. Used to evaluate the variance in the measurement. Matrix Spike: A sample to which a known amount of the analyte of interest has been added. Used to evaluate sample matrix interference. QC Standard: A sample of known concentration prepared by an external agency under stringent conditions. Used as an independent check of method accuracy. Spiked Blank: A blank matrix sample to which a known amount of the analyte, usually from a second source, has been added. Used to evaluate method accuracy. Method Blank: A blank matrix containing all reagents used in the analytical procedure. Used to identify laboratory contamination. Surrogate: A pure or isotopically labeled compound whose behavior mirrors the analytes of interest. Used to evaluate extraction efficiency. NC (Matrix Spike): The recovery in the matrix spike was not calculated. The relative difference between the concentration in the parent sample and the spike amount was too small to permit a reliable recovery calculation (matrix spike concentration was less than the native sample concentration) NC (Duplicate RPD): The duplicate RPD was not calculated. The concentration in the sample and/or duplicate was too low to permit a reliable RPD calculation (absolute difference <= 2x RDL). (1) Duplicate results exceeded RPD acceptance criteria. This may be due to sample heterogeneity. (2) Recovery or RPD for this parameter is outside control limits. The overall quality control for this analysis meets acceptability criteria.												



FUNDAMENTAL LABORATORY ACCEPTANCE GUIDELINE

Invoice To:

Pinchin Ltd
ATTN: Accounts Payable
2470 Milltower Crt
Mississauga, ON
CANADA L5N 7W5
Client Contact:
Toby Glanville

BV Labs Job #:	C1H3800
Date Received:	2021/06/23
Your C.O.C. #:	160109
Your Project #:	294348
BV Labs Project Manager:	Antonella Brasil
Quote #:	A70927

No discrepancies noted.

Report Comments

Received Date:	<u>2021/06/23</u>	Time:	<u>15:01</u>	By:	_____
Inspected Date:	_____	Time:	_____	By:	_____
FLAG Created Date:	_____	Time:	_____	By:	_____



BUREAU
VERITAS

BV Labs Job #: C1H3800

Report Date: 2021/07/05

Pinchin Ltd

Client Project #: 294348

Site Location: DIXIE MALL , MISSISSAUGA

Sampler Initials: AN

VALIDATION SIGNATURE PAGE

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

Anastassia Hamanov, Scientific Specialist

BV Labs has procedures in place to guard against improper use of the electronic signature and have the required "signatories", as per ISO/IEC 17025, signing the reports. For Service Group specific validation please refer to the Validation Signature Page.



6740 Campobello Road, Mississauga, Ontario L5N 2L8
Phone: 905-817-5700 Fax: 905-817-5779 Toll Free: 800-563-6266
CAM FCD-01191/6

CHAIN OF CUSTODY RECORD 160109 Page 1 of 2

Invoice Information		Report Information (if differs from invoice)		Project Information (where applicable)		Turnaround Time (TAT) Required	
Company Name:		Company Name:	Toby Glenne	Quotation #:		☒ Regular TAT (5-7 days) Most analyses	
Contact Name:	Indira	Contact Name:		P.O. #/ AFE#:		PLEASE PROVIDE ADVANCE NOTICE FOR RUSH PROJECTS	
Address:	Mississauga	Address:		Project #:	294348	Rush TAT (Surcharges will be applied)	
Phone:		Phone:		Site Location:	Dixie Mill, Mississauga	☐ 1 Day	☐ 2 Days ☐ 3-4 Days
Fax:		Fax:		Site #:			
Email:		Email:		Site Location Province:	ON	Date Required:	
MDE REGULATED DRINKING WATER OR WATER INTENDED FOR HUMAN CONSUMPTION MUST BE SUBMITTED ON THE BUREAU VERITAS LABORATORIES' DRINKING WATER CHAIN OF CUSTODY				Sampled By:	AN	Rush Confirmation #:	
Regulation 153		Other Regulations		Analysis Requested		LABORATORY USE ONLY	
☐ Table 1 ☒ Res/Park ☐ Med/ Fine		☐ CCME ☐ Sanitary Sewer Bylaw		Reg 153 OCs Reg 153 Pats pH Gran Size 25um Reg 153 PCBs		CUSTODY SEAL	
☐ Table 2 ☐ Ind/Comm ☒ Coarse		☐ MISA ☐ Storm Sewer Bylaw				Y / N	COOLER TEMPERATURES
☒ Table 3 ☐ Agri/ Other		☐ PWQO Region				Present	Intact
☐ Table _____		☐ Other (Specify) _____				4	4
FOR RSC (PLEASE CIRCLE) ☒ Y ☐ N		☐ REG 558 (MIN. 3 DAY TAT REQUIRED)				18/6/3	
☐ REG 406 Table _____		☐ REG 406 Table _____					
Include Criteria on Certificate of Analysis: ☒ Y ☐ N						COOLING MEDIA PRESENT: ☒ Y ☐ N	
SAMPLES MUST BE KEPT COOL (< 10 °C) FROM TIME OF SAMPLING UNTIL DELIVERY TO BUREAU VERITAS						COMMENTS	
SAMPLE IDENTIFICATION		DATE SAMPLED (YYYY/MM/DD)	TIME SAMPLED (HH:MM)	MATRIX	# OF CONTAINERS SUBMITTED	FIELD FILTERED (CIRCLE) Metals / Hg / CrVI	DO NOT ANALYZE
1 BH21-07 S1		2021/06/23	800	soil	4	-	
2 DUP 20210623					1	-	X
3 BH21-07 S3					4	-	
4 BH21-27 S1			830		4	- X X	
5 BH21-27 S3					3	-	X
6 BH21-08 S1			900		4	- X X X	X
7 BH21-08 S2					4	- X X	
8 BH21-09 S1			930		4	- X X	
9 BH21-09 S2					4	-	
10 BH21-01 S2			1000		2	-	
RELINQUISHED BY: (Signature/Print)		DATE: (YYYY/MM/DD)	TIME: (HH:MM)	RECEIVED BY: (Signature/Print)		DATE: (YYYY/MM/DD)	TIME: (HH:MM)
Antonella Brasil		2021/06/23	1455	Antonella Brasil		2021/06/23	1501

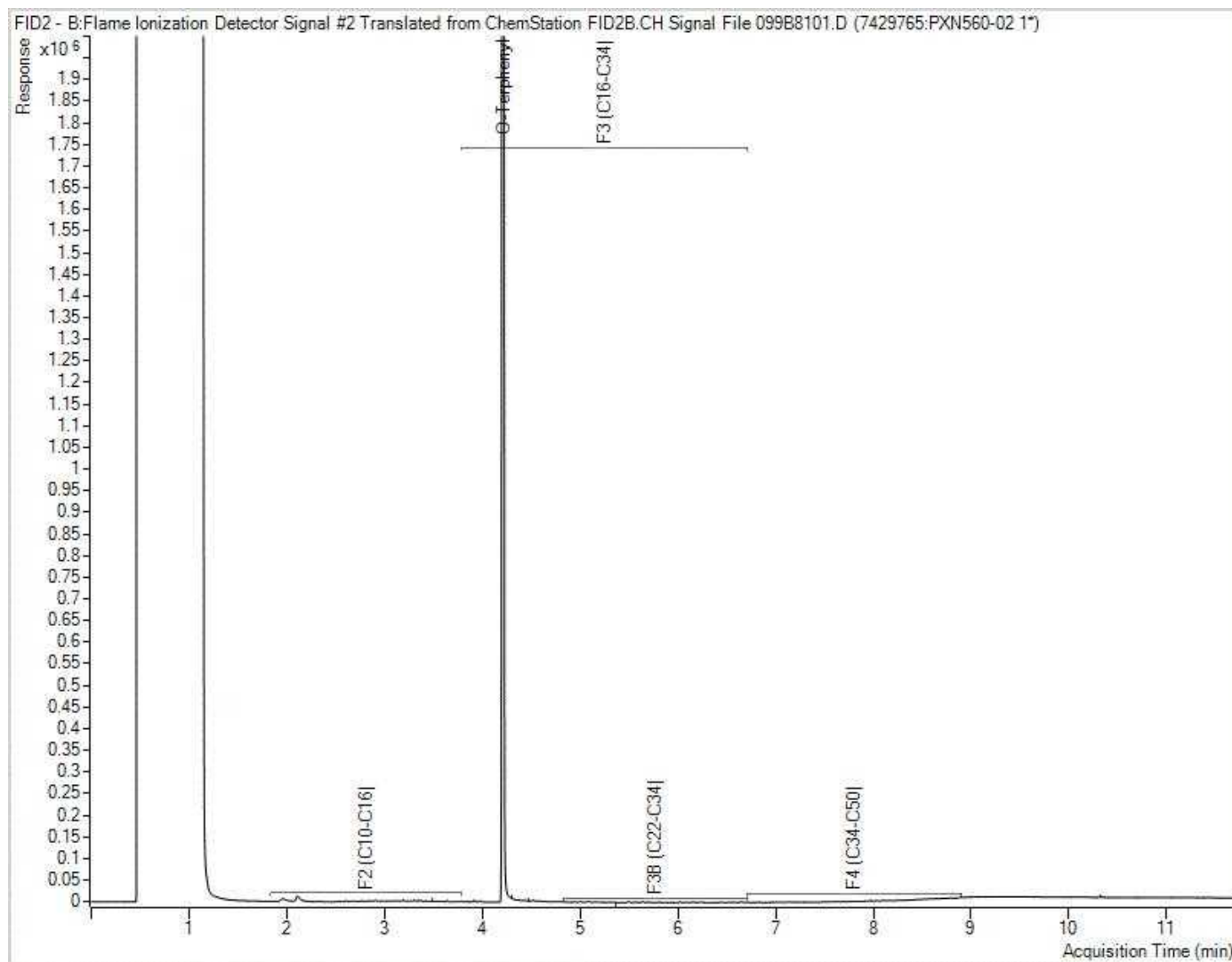
Unless otherwise agreed to in writing, work submitted on this Chain of Custody is subject to Bureau Veritas Laboratories' standard Terms and Conditions. Signing of this Chain of Custody document is acknowledgment and acceptance of conditions

COC-1004 (06/19)

23-Jun-21 15:01
Antonella Brasil
C1H3800

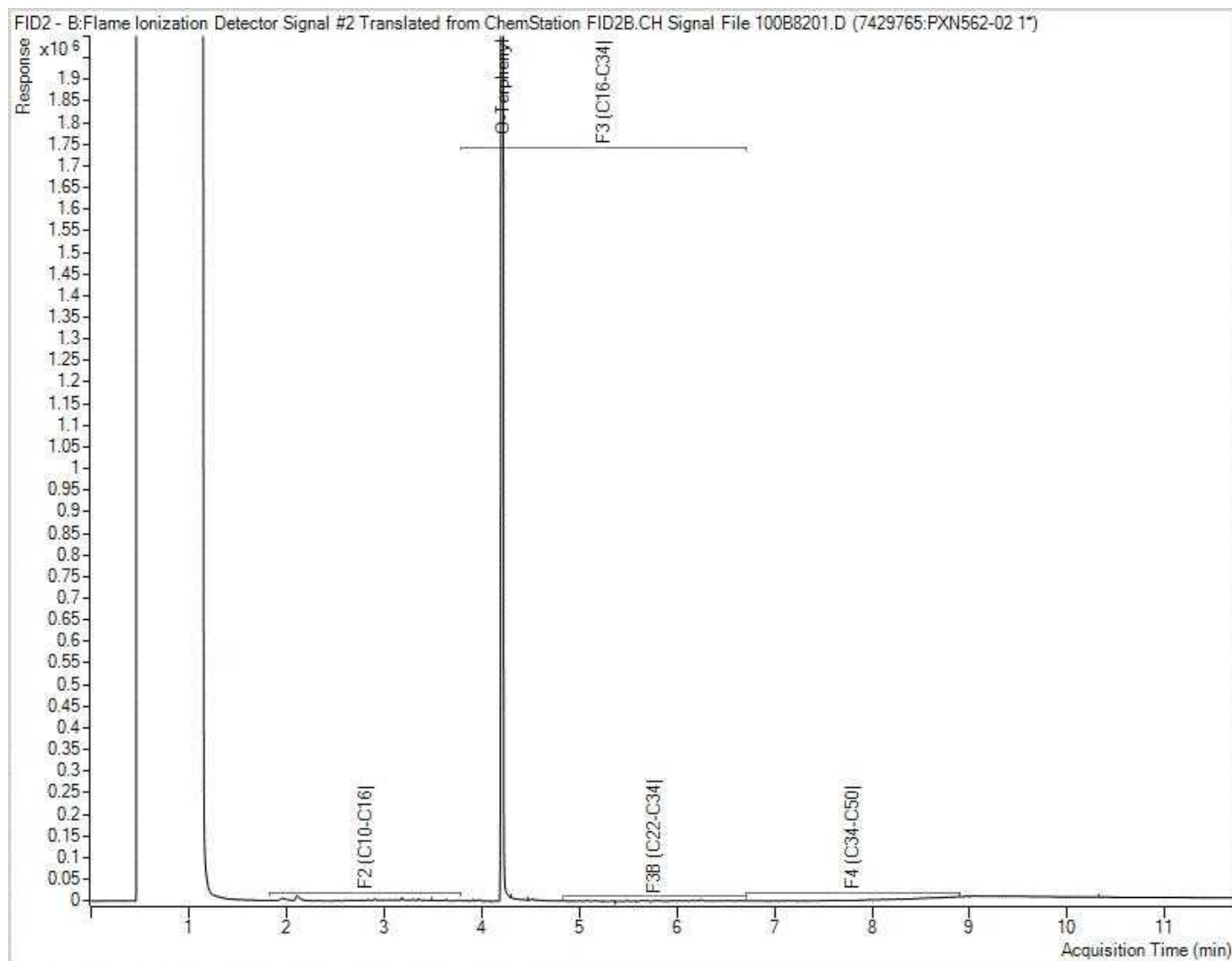
URE ENV-1348
White: BV Labs - Yellow: Client

Petroleum Hydrocarbons F2-F4 in Soil Chromatogram



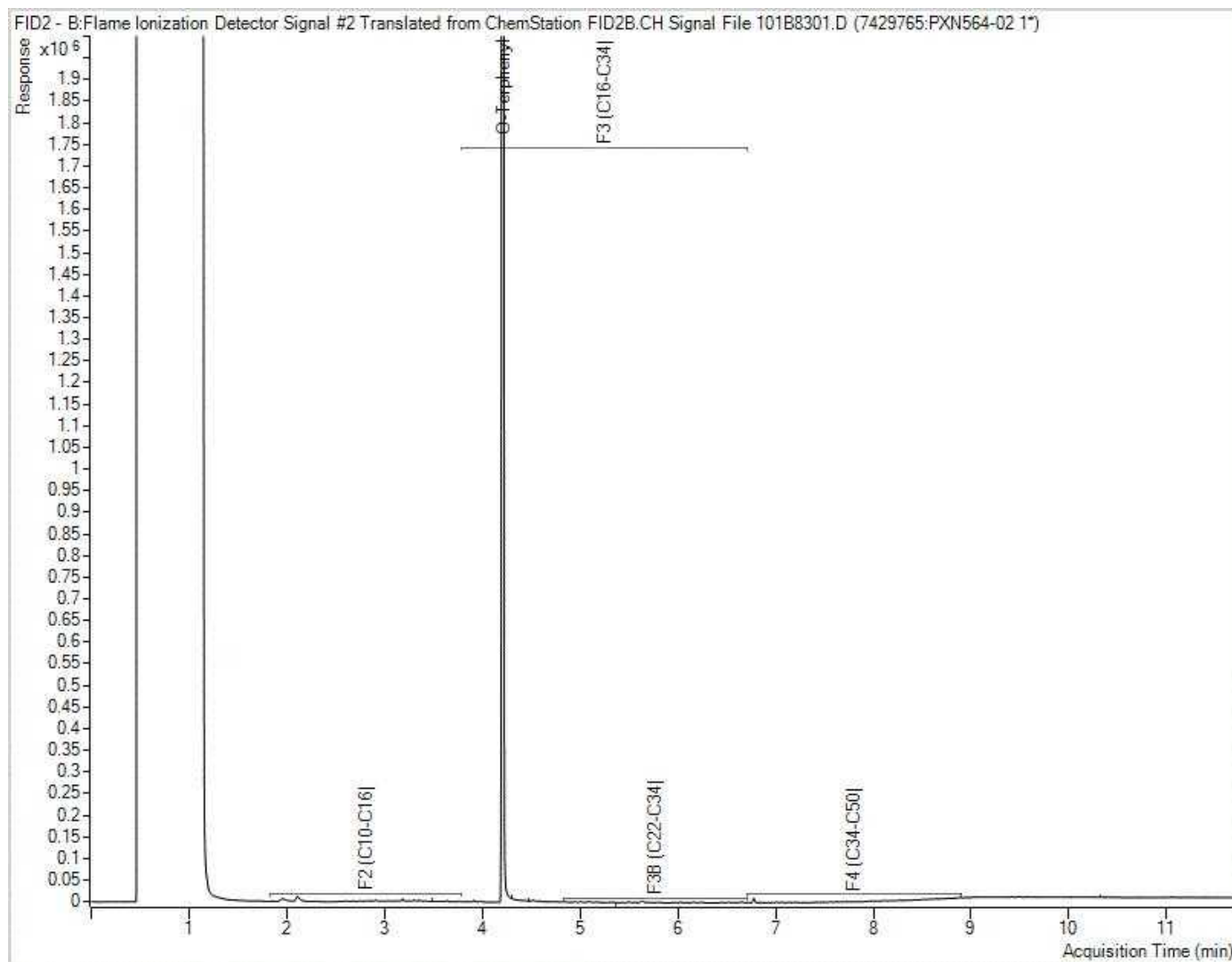
Note: This information is provided for reference purposes only. Should detailed chemist interpretation or fingerprinting be required, please contact the laboratory.

Petroleum Hydrocarbons F2-F4 in Soil Chromatogram



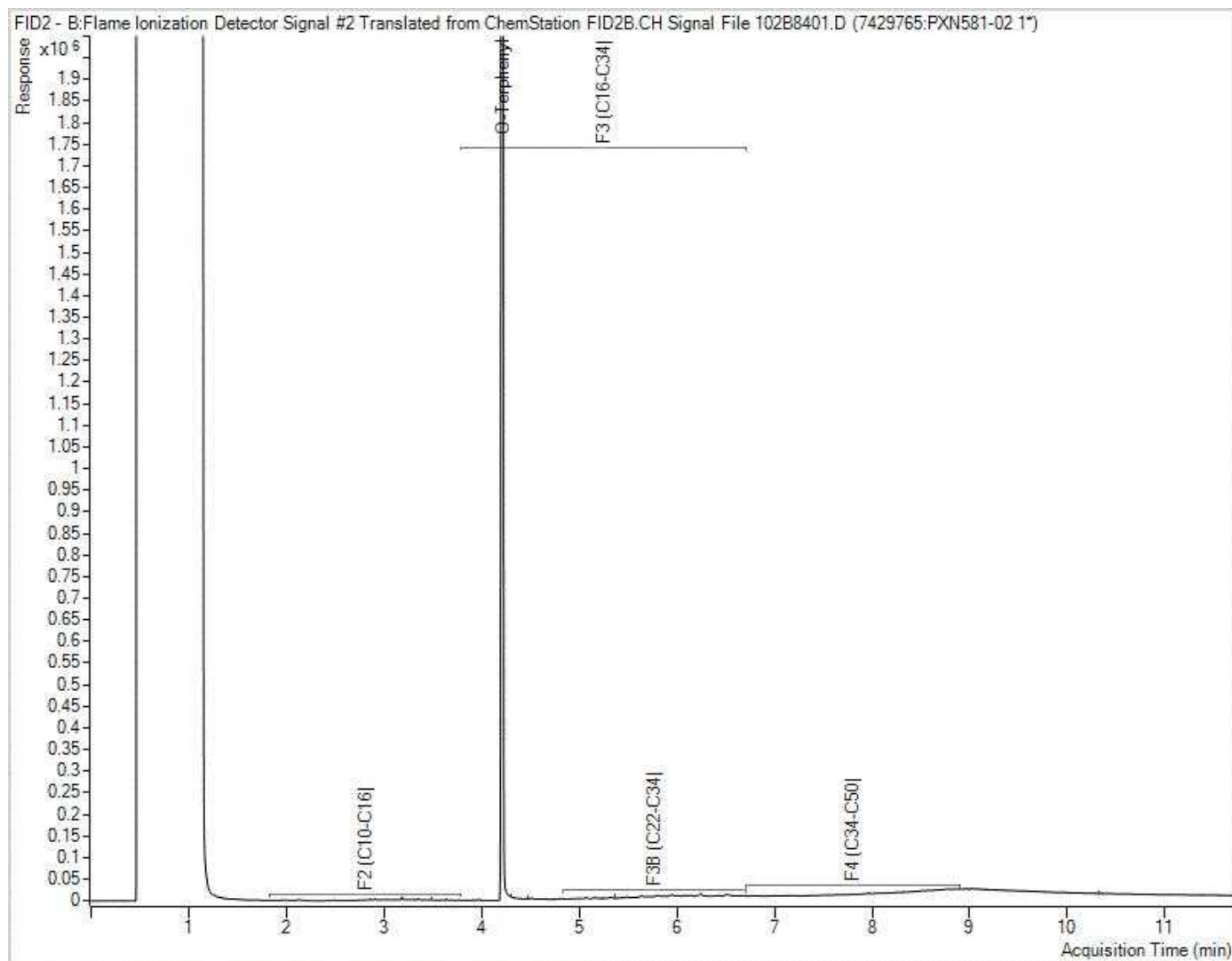
Note: This information is provided for reference purposes only. Should detailed chemist interpretation or fingerprinting be required, please contact the laboratory.

Petroleum Hydrocarbons F2-F4 in Soil Chromatogram



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

Petroleum Hydrocarbons F2-F4 in Soil Chromatogram

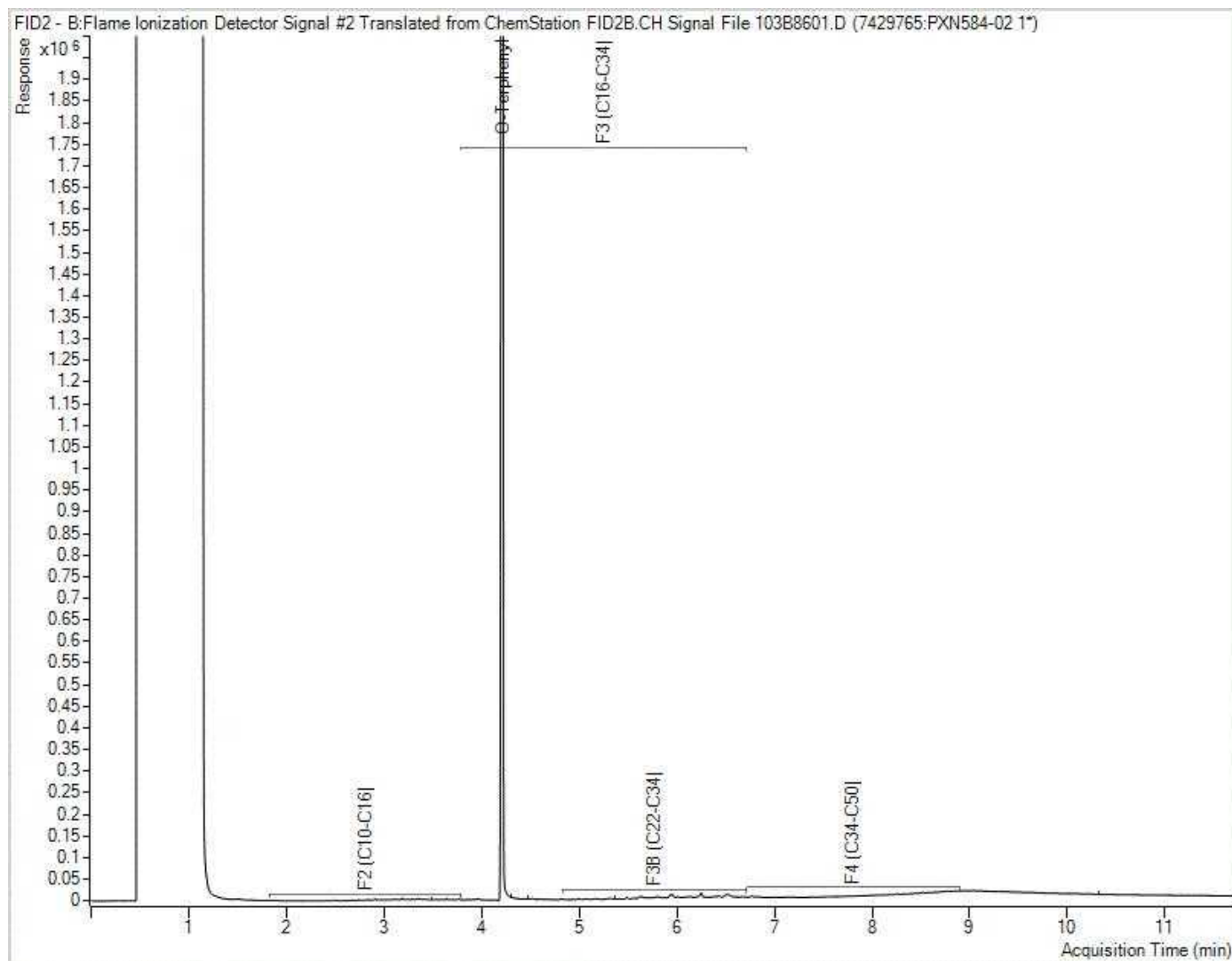


Note: This information is provided for reference purposes only. Should detailed chemist interpretation or fingerprinting be required, please contact the laboratory.

BV Labs Job #: C1H3800
Report Date: 2021/07/05
BV Labs Sample: PXN584

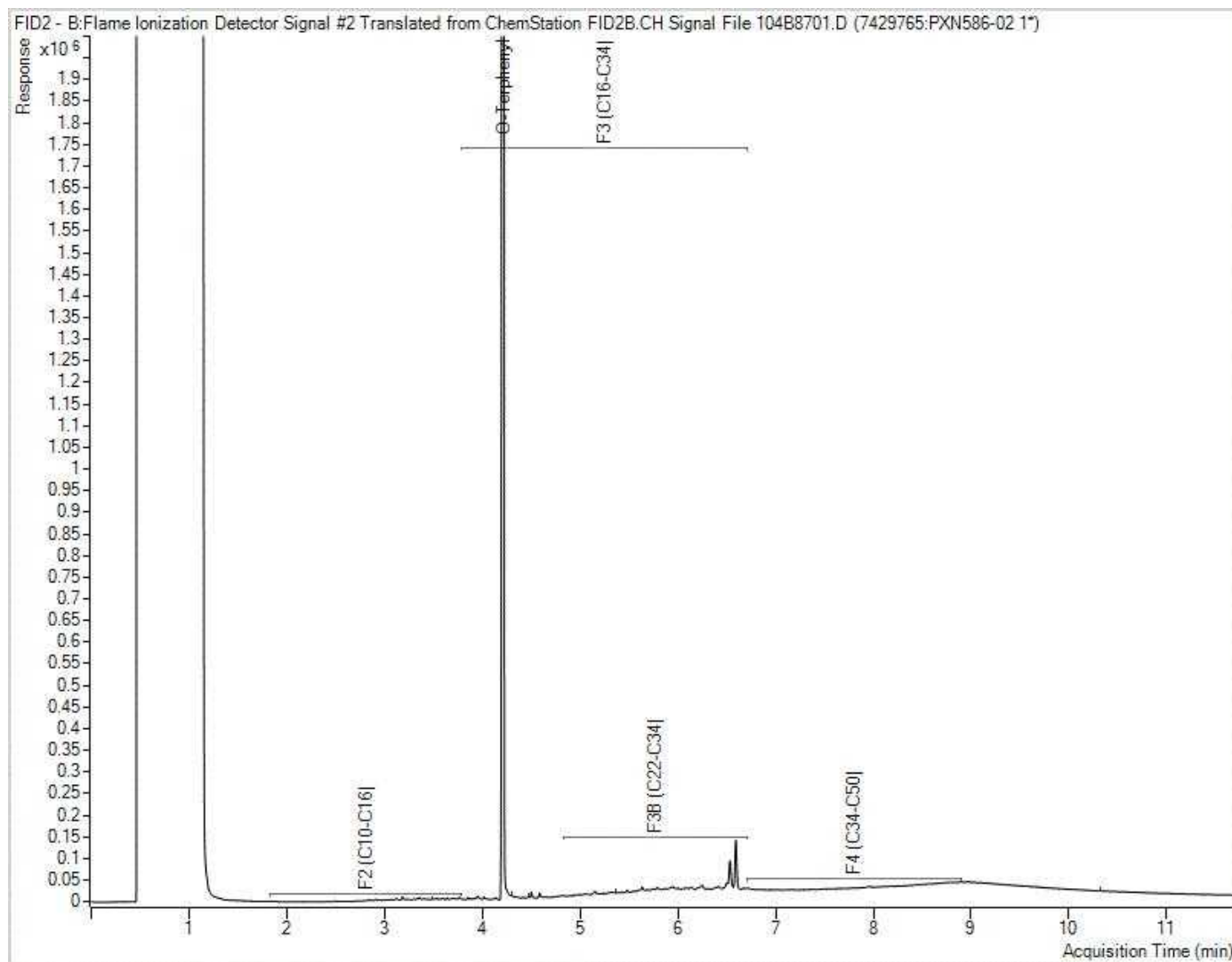
Pinchin Ltd
Client Project #: 294348
Project name: DIXIE MALL , MISSISSAUGA
Client ID: BH21-23 S1

Petroleum Hydrocarbons F2-F4 in Soil Chromatogram



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

Petroleum Hydrocarbons F2-F4 in Soil Chromatogram



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



Your Project #: 294348
Site Location: 1250 S.SERVICE RD., MISSISSAUGA
Your C.O.C. #: 814393-01-01, C#814393-01-01

Attention: Toby Glanville

Pinchin Ltd
2470 Milltower Crt
Mississauga, ON
CANADA L5N 7W5

Report Date: 2021/07/02
Report #: R6702996
Version: 1 - Final

CERTIFICATE OF ANALYSIS

BV LABS JOB #: C1H5474

Received: 2021/06/24, 19:40

Sample Matrix: Soil
Samples Received: 13

Analyses	Quantity	Date Extracted	Date Analyzed	Laboratory Method	Analytical Method
Methylnaphthalene Sum	7	N/A	2021/06/30	CAM SOP-00301	EPA 8270D m
Hot Water Extractable Boron	7	2021/06/28	2021/06/28	CAM SOP-00408	R153 Ana. Prot. 2011
1,3-Dichloropropene Sum	3	N/A	2021/06/29		EPA 8260C m
Free (WAD) Cyanide	7	2021/06/28	2021/06/30	CAM SOP-00457	OMOE E3015 m
Conductivity	2	2021/06/30	2021/06/30	CAM SOP-00414	OMOE E3530 v1 m
Hexavalent Chromium in Soil by IC (1)	7	2021/06/28	2021/06/29	CAM SOP-00436	EPA 3060/7199 m
Petroleum Hydro. CCME F1 & BTEX in Soil (2)	5	N/A	2021/06/29	CAM SOP-00315	CCME PHC-CWS m
Petroleum Hydrocarbons F2-F4 in Soil (3)	8	2021/06/29	2021/06/30	CAM SOP-00316	CCME CWS m
Acid Extractable Metals by ICPMS	7	2021/06/28	2021/06/29	CAM SOP-00447	EPA 6020B m
Moisture	8	N/A	2021/06/25	CAM SOP-00445	Carter 2nd ed 51.2 m
Moisture	1	N/A	2021/06/26	CAM SOP-00445	Carter 2nd ed 51.2 m
OC Pesticides (Selected) & PCB (4)	1	2021/06/28	2021/06/29	CAM SOP-00307	SW846 8081, 8082
OC Pesticides Summed Parameters	1	N/A	2021/06/26	CAM SOP-00307	EPA 8081/8082 m
PAH Compounds in Soil by GC/MS (SIM)	7	2021/06/29	2021/06/30	CAM SOP-00318	EPA 8270D m
Polychlorinated Biphenyl in Soil	4	2021/06/28	2021/06/28	CAM SOP-00309	EPA 8082A m
pH CaCl2 EXTRACT	3	2021/06/29	2021/06/29	CAM SOP-00413	EPA 9045 D m
Sieve, 75um	2	N/A	2021/06/29	CAM SOP-00467	ASTM D1140 -17 m
Sodium Adsorption Ratio (SAR)	2	N/A	2021/06/30	CAM SOP-00102	EPA 6010C
Volatile Organic Compounds and F1 PHCs	3	N/A	2021/06/28	CAM SOP-00230	EPA 8260C m

Remarks:

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

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

Bureau Veritas liability is limited to the actual cost of the requested analyses, unless otherwise agreed in writing. There is no other warranty expressed or implied. Bureau Veritas has been retained to provide analysis of samples provided by the Client using the testing methodology referenced in this report.



Your Project #: 294348
Site Location: 1250 S.SERVICE RD., MISSISSAUGA
Your C.O.C. #: 814393-01-01, C#814393-01-01

Attention: Toby Glanville

Pinchin Ltd
2470 Milltower Crt
Mississauga, ON
CANADA L5N 7W5

Report Date: 2021/07/02
Report #: R6702996
Version: 1 - Final

CERTIFICATE OF ANALYSIS

BV LABS JOB #: C1H5474

Received: 2021/06/24, 19:40

Interpretation and use of test results are the sole responsibility of the Client and are not within the scope of services provided by Bureau Veritas, unless otherwise agreed in writing. Bureau Veritas is not responsible for the accuracy or any data impacts, that result from the information provided by the customer or their agent.

Solid sample results, except biota, are based on dry weight unless otherwise indicated. Organic analyses are not recovery corrected except for isotope dilution methods.

Results relate to samples tested. When sampling is not conducted by Bureau Veritas, results relate to the supplied samples tested.

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

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

(1) Soils are reported on a dry weight basis unless otherwise specified.

(2) No lab extraction date is given for F1BTX & VOC samples that are field preserved with methanol. Extraction date is the date sampled unless otherwise stated.

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

(4) Chlordane (Total) = Alpha Chlordane + Gamma Chlordane

Encryption Key

Please direct all questions regarding this Certificate of Analysis to your Project Manager.

Antonella Brasil, Senior Project Manager

Email: Antonella.Brasil@bureauveritas.com

Phone# (905)817-5817

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BV Labs Job #: C1H5474
Report Date: 2021/07/02

Pinchin Ltd
Client Project #: 294348
Site Location: 1250 S.SERVICE RD., MISSISSAUGA
Sampler Initials: JP

O.REG 153 METALS & INORGANICS PKG (SOIL)

BV Labs ID		PXV904				PXV906			
Sampling Date		2021/06/22 15:55				2021/06/22 08:55			
COC Number		C#814393-01-01				C#814393-01-01			
	UNITS	MW21-02-1	RDL	MDL	QC Batch	BH21-06-1	RDL	MDL	QC Batch
Calculated Parameters									
Sodium Adsorption Ratio	N/A					0.71			7429469
Inorganics									
Conductivity	mS/cm					0.16	0.002	0.0005	7437646
WAD Cyanide (Free)	ug/g	<0.01	0.01	0.005	7433316	<0.01	0.01	0.005	7432670
Chromium (VI)	ug/g	<0.18	0.18	0.050	7432640	<0.18	0.18	0.050	7432640
Metals									
Hot Water Ext. Boron (B)	ug/g	0.083	0.050	0.030	7433796	0.19	0.050	0.030	7433796
Acid Extractable Antimony (Sb)	ug/g	<0.20	0.20	0.10	7433716	<0.20	0.20	0.10	7433716
Acid Extractable Arsenic (As)	ug/g	2.1	1.0	0.10	7433716	1.6	1.0	0.10	7433716
Acid Extractable Barium (Ba)	ug/g	16	0.50	0.30	7433716	20	0.50	0.30	7433716
Acid Extractable Beryllium (Be)	ug/g	0.21	0.20	0.020	7433716	0.20	0.20	0.020	7433716
Acid Extractable Boron (B)	ug/g	<5.0	5.0	1.0	7433716	<5.0	5.0	1.0	7433716
Acid Extractable Cadmium (Cd)	ug/g	<0.10	0.10	0.030	7433716	<0.10	0.10	0.030	7433716
Acid Extractable Chromium (Cr)	ug/g	8.3	1.0	0.20	7433716	9.9	1.0	0.20	7433716
Acid Extractable Cobalt (Co)	ug/g	3.9	0.10	0.020	7433716	2.4	0.10	0.020	7433716
Acid Extractable Copper (Cu)	ug/g	20	0.50	0.20	7433716	4.9	0.50	0.20	7433716
Acid Extractable Lead (Pb)	ug/g	6.1	1.0	0.10	7433716	5.4	1.0	0.10	7433716
Acid Extractable Molybdenum (Mo)	ug/g	<0.50	0.50	0.10	7433716	<0.50	0.50	0.10	7433716
Acid Extractable Nickel (Ni)	ug/g	8.2	0.50	0.20	7433716	4.6	0.50	0.20	7433716
Acid Extractable Selenium (Se)	ug/g	<0.50	0.50	0.10	7433716	<0.50	0.50	0.10	7433716
Acid Extractable Silver (Ag)	ug/g	<0.20	0.20	0.040	7433716	<0.20	0.20	0.040	7433716
Acid Extractable Thallium (Tl)	ug/g	0.065	0.050	0.010	7433716	<0.050	0.050	0.010	7433716
Acid Extractable Uranium (U)	ug/g	0.35	0.050	0.030	7433716	0.45	0.050	0.030	7433716
Acid Extractable Vanadium (V)	ug/g	19	5.0	0.50	7433716	24	5.0	0.50	7433716
Acid Extractable Zinc (Zn)	ug/g	23	5.0	0.50	7433716	17	5.0	0.50	7433716
Acid Extractable Mercury (Hg)	ug/g	<0.050	0.050	0.030	7433716	<0.050	0.050	0.030	7433716
RDL = Reportable Detection Limit QC Batch = Quality Control Batch									



BV Labs Job #: C1H5474
Report Date: 2021/07/02

Pinchin Ltd
Client Project #: 294348
Site Location: 1250 S.SERVICE RD., MISSISSAUGA
Sampler Initials: JP

O.REG 153 METALS & INORGANICS PKG (SOIL)

BV Labs ID		PXV906				PXV909			
Sampling Date		2021/06/22 08:55				2021/06/22 10:45			
COC Number		C#814393-01-01				C#814393-01-01			
	UNITS	BH21-06-1 Lab-Dup	RDL	MDL	QC Batch	BH21-10-1	RDL	MDL	QC Batch
Inorganics									
Conductivity	mS/cm	0.16	0.002	0.0005	7437646				
WAD Cyanide (Free)	ug/g					<0.01	0.01	0.005	7433316
Chromium (VI)	ug/g					<0.18	0.18	0.050	7432640
Metals									
Hot Water Ext. Boron (B)	ug/g	0.19	0.050	0.030	7433796	0.23	0.050	0.030	7433157
Acid Extractable Antimony (Sb)	ug/g					<0.20	0.20	0.10	7433289
Acid Extractable Arsenic (As)	ug/g					1.4	1.0	0.10	7433289
Acid Extractable Barium (Ba)	ug/g					16	0.50	0.30	7433289
Acid Extractable Beryllium (Be)	ug/g					0.20	0.20	0.020	7433289
Acid Extractable Boron (B)	ug/g					<5.0	5.0	1.0	7433289
Acid Extractable Cadmium (Cd)	ug/g					<0.10	0.10	0.030	7433289
Acid Extractable Chromium (Cr)	ug/g					10	1.0	0.20	7433289
Acid Extractable Cobalt (Co)	ug/g					2.6	0.10	0.020	7433289
Acid Extractable Copper (Cu)	ug/g					7.1	0.50	0.20	7433289
Acid Extractable Lead (Pb)	ug/g					7.2	1.0	0.10	7433289
Acid Extractable Molybdenum (Mo)	ug/g					0.67	0.50	0.10	7433289
Acid Extractable Nickel (Ni)	ug/g					5.3	0.50	0.20	7433289
Acid Extractable Selenium (Se)	ug/g					<0.50	0.50	0.10	7433289
Acid Extractable Silver (Ag)	ug/g					<0.20	0.20	0.040	7433289
Acid Extractable Thallium (Tl)	ug/g					<0.050	0.050	0.010	7433289
Acid Extractable Uranium (U)	ug/g					0.33	0.050	0.030	7433289
Acid Extractable Vanadium (V)	ug/g					17	5.0	0.50	7433289
Acid Extractable Zinc (Zn)	ug/g					15	5.0	0.50	7433289
Acid Extractable Mercury (Hg)	ug/g					<0.050	0.050	0.030	7433289
RDL = Reportable Detection Limit QC Batch = Quality Control Batch Lab-Dup = Laboratory Initiated Duplicate									



BV Labs Job #: C1H5474
Report Date: 2021/07/02

Pinchin Ltd
Client Project #: 294348
Site Location: 1250 S.SERVICE RD., MISSISSAUGA
Sampler Initials: JP

O.REG 153 METALS & INORGANICS PKG (SOIL)

BV Labs ID		PXV912		PXV915			
Sampling Date		2021/06/22 13:15		2021/06/22 14:35			
COC Number		C#814393-01-01		C#814393-01-01			
	UNITS	MW21-11-1	QC Batch	BH21-18-1	RDL	MDL	QC Batch
Inorganics							
WAD Cyanide (Free)	ug/g	<0.01	7432670	<0.01	0.01	0.005	7432670
Chromium (VI)	ug/g	<0.18	7432640	<0.18	0.18	0.050	7432640
Metals							
Hot Water Ext. Boron (B)	ug/g	0.11	7433157	0.16	0.050	0.030	7433796
Acid Extractable Antimony (Sb)	ug/g	<0.20	7433289	<0.20	0.20	0.10	7433716
Acid Extractable Arsenic (As)	ug/g	2.7	7433289	1.5	1.0	0.10	7433716
Acid Extractable Barium (Ba)	ug/g	30	7433289	15	0.50	0.30	7433716
Acid Extractable Beryllium (Be)	ug/g	0.31	7433289	0.22	0.20	0.020	7433716
Acid Extractable Boron (B)	ug/g	<5.0	7433289	<5.0	5.0	1.0	7433716
Acid Extractable Cadmium (Cd)	ug/g	<0.10	7433289	<0.10	0.10	0.030	7433716
Acid Extractable Chromium (Cr)	ug/g	9.7	7433289	7.8	1.0	0.20	7433716
Acid Extractable Cobalt (Co)	ug/g	4.8	7433289	2.9	0.10	0.020	7433716
Acid Extractable Copper (Cu)	ug/g	19	7433289	10	0.50	0.20	7433716
Acid Extractable Lead (Pb)	ug/g	7.8	7433289	8.2	1.0	0.10	7433716
Acid Extractable Molybdenum (Mo)	ug/g	<0.50	7433289	<0.50	0.50	0.10	7433716
Acid Extractable Nickel (Ni)	ug/g	10	7433289	6.5	0.50	0.20	7433716
Acid Extractable Selenium (Se)	ug/g	<0.50	7433289	<0.50	0.50	0.10	7433716
Acid Extractable Silver (Ag)	ug/g	<0.20	7433289	<0.20	0.20	0.040	7433716
Acid Extractable Thallium (Tl)	ug/g	0.072	7433289	<0.050	0.050	0.010	7433716
Acid Extractable Uranium (U)	ug/g	0.40	7433289	0.38	0.050	0.030	7433716
Acid Extractable Vanadium (V)	ug/g	18	7433289	16	5.0	0.50	7433716
Acid Extractable Zinc (Zn)	ug/g	33	7433289	17	5.0	0.50	7433716
Acid Extractable Mercury (Hg)	ug/g	<0.050	7433289	<0.050	0.050	0.030	7433716
RDL = Reportable Detection Limit							
QC Batch = Quality Control Batch							



BV Labs Job #: C1H5474
Report Date: 2021/07/02

Pinchin Ltd
Client Project #: 294348
Site Location: 1250 S.SERVICE RD., MISSISSAUGA
Sampler Initials: JP

O.REG 153 METALS & INORGANICS PKG (SOIL)

BV Labs ID		PXV915				PXV917			
Sampling Date		2021/06/22 14:35				2021/06/22 09:25			
COC Number		C#814393-01-01				C#814393-01-01			
	UNITS	BH21-18-1 Lab-Dup	RDL	MDL	QC Batch	MW21-25-1	RDL	MDL	QC Batch
Calculated Parameters									
Sodium Adsorption Ratio	N/A					0.56			7429469
Inorganics									
Conductivity	mS/cm					0.15	0.002	0.0005	7437646
Available (CaCl ₂) pH	pH					7.52			7435019
WAD Cyanide (Free)	ug/g					<0.01	0.01	0.005	7432670
Chromium (VI)	ug/g					<0.18	0.18	0.050	7432640
Metals									
Hot Water Ext. Boron (B)	ug/g					0.24	0.050	0.030	7433796
Acid Extractable Antimony (Sb)	ug/g	<0.20	0.20	0.10	7433716	<0.20	0.20	0.10	7433716
Acid Extractable Arsenic (As)	ug/g	1.3	1.0	0.10	7433716	2.1	1.0	0.10	7433716
Acid Extractable Barium (Ba)	ug/g	16	0.50	0.30	7433716	24	0.50	0.30	7433716
Acid Extractable Beryllium (Be)	ug/g	0.23	0.20	0.020	7433716	0.25	0.20	0.020	7433716
Acid Extractable Boron (B)	ug/g	<5.0	5.0	1.0	7433716	<5.0	5.0	1.0	7433716
Acid Extractable Cadmium (Cd)	ug/g	<0.10	0.10	0.030	7433716	0.13	0.10	0.030	7433716
Acid Extractable Chromium (Cr)	ug/g	7.6	1.0	0.20	7433716	8.2	1.0	0.20	7433716
Acid Extractable Cobalt (Co)	ug/g	2.9	0.10	0.020	7433716	2.8	0.10	0.020	7433716
Acid Extractable Copper (Cu)	ug/g	10	0.50	0.20	7433716	14	0.50	0.20	7433716
Acid Extractable Lead (Pb)	ug/g	7.0	1.0	0.10	7433716	8.7	1.0	0.10	7433716
Acid Extractable Molybdenum (Mo)	ug/g	<0.50	0.50	0.10	7433716	<0.50	0.50	0.10	7433716
Acid Extractable Nickel (Ni)	ug/g	6.3	0.50	0.20	7433716	6.3	0.50	0.20	7433716
Acid Extractable Selenium (Se)	ug/g	<0.50	0.50	0.10	7433716	<0.50	0.50	0.10	7433716
Acid Extractable Silver (Ag)	ug/g	<0.20	0.20	0.040	7433716	<0.20	0.20	0.040	7433716
Acid Extractable Thallium (Tl)	ug/g	0.051	0.050	0.010	7433716	<0.050	0.050	0.010	7433716
Acid Extractable Uranium (U)	ug/g	0.33	0.050	0.030	7433716	0.34	0.050	0.030	7433716
Acid Extractable Vanadium (V)	ug/g	15	5.0	0.50	7433716	18	5.0	0.50	7433716
Acid Extractable Zinc (Zn)	ug/g	17	5.0	0.50	7433716	25	5.0	0.50	7433716
Acid Extractable Mercury (Hg)	ug/g	<0.050	0.050	0.030	7433716	<0.050	0.050	0.030	7433716
RDL = Reportable Detection Limit QC Batch = Quality Control Batch Lab-Dup = Laboratory Initiated Duplicate									



BV Labs Job #: C1H5474
Report Date: 2021/07/02

Pinchin Ltd
Client Project #: 294348
Site Location: 1250 S.SERVICE RD., MISSISSAUGA
Sampler Initials: JP

O.REG 153 METALS & INORGANICS PKG (SOIL)

BV Labs ID		PXV919			
Sampling Date		2021/06/21 16:15			
COC Number		C#814393-01-01			
	UNITS	MW21-29-1	RDL	MDL	QC Batch
Inorganics					
WAD Cyanide (Free)	ug/g	<0.01	0.01	0.005	7432670
Chromium (VI)	ug/g	<0.18	0.18	0.050	7432640
Metals					
Hot Water Ext. Boron (B)	ug/g	0.28	0.050	0.030	7433157
Acid Extractable Antimony (Sb)	ug/g	<0.20	0.20	0.10	7433289
Acid Extractable Arsenic (As)	ug/g	1.2	1.0	0.10	7433289
Acid Extractable Barium (Ba)	ug/g	14	0.50	0.30	7433289
Acid Extractable Beryllium (Be)	ug/g	<0.20	0.20	0.020	7433289
Acid Extractable Boron (B)	ug/g	<5.0	5.0	1.0	7433289
Acid Extractable Cadmium (Cd)	ug/g	<0.10	0.10	0.030	7433289
Acid Extractable Chromium (Cr)	ug/g	8.6	1.0	0.20	7433289
Acid Extractable Cobalt (Co)	ug/g	2.1	0.10	0.020	7433289
Acid Extractable Copper (Cu)	ug/g	6.4	0.50	0.20	7433289
Acid Extractable Lead (Pb)	ug/g	7.0	1.0	0.10	7433289
Acid Extractable Molybdenum (Mo)	ug/g	<0.50	0.50	0.10	7433289
Acid Extractable Nickel (Ni)	ug/g	4.1	0.50	0.20	7433289
Acid Extractable Selenium (Se)	ug/g	<0.50	0.50	0.10	7433289
Acid Extractable Silver (Ag)	ug/g	<0.20	0.20	0.040	7433289
Acid Extractable Thallium (Tl)	ug/g	<0.050	0.050	0.010	7433289
Acid Extractable Uranium (U)	ug/g	0.38	0.050	0.030	7433289
Acid Extractable Vanadium (V)	ug/g	18	5.0	0.50	7433289
Acid Extractable Zinc (Zn)	ug/g	16	5.0	0.50	7433289
Acid Extractable Mercury (Hg)	ug/g	<0.050	0.050	0.030	7433289
RDL = Reportable Detection Limit					
QC Batch = Quality Control Batch					



BV Labs Job #: C1H5474
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Pinchin Ltd
Client Project #: 294348
Site Location: 1250 S.SERVICE RD., MISSISSAUGA
Sampler Initials: JP

O.REG 153 OC PESTICIDES (SOIL)

BV Labs ID		PXV904			
Sampling Date		2021/06/22 15:55			
COC Number		C#814393-01-01			
	UNITS	MW21-02-1	RDL	MDL	QC Batch
Calculated Parameters					
Chlordane (Total)	ug/g	<0.0020	0.0020	N/A	7429757
o,p-DDD + p,p-DDD	ug/g	<0.0020	0.0020	N/A	7429757
o,p-DDE + p,p-DDE	ug/g	<0.0020	0.0020	N/A	7429757
o,p-DDT + p,p-DDT	ug/g	<0.0020	0.0020	N/A	7429757
Total Endosulfan	ug/g	<0.0020	0.0020	N/A	7429757
Total PCB	ug/g	<0.015	0.015	N/A	7429757
Pesticides & Herbicides					
Aldrin	ug/g	<0.0020	0.0020	0.00040	7432556
a-Chlordane	ug/g	<0.0020	0.0020	0.00040	7432556
g-Chlordane	ug/g	<0.0020	0.0020	0.00040	7432556
o,p-DDD	ug/g	<0.0020	0.0020	0.00040	7432556
p,p-DDD	ug/g	<0.0020	0.0020	0.00040	7432556
o,p-DDE	ug/g	<0.0020	0.0020	0.00040	7432556
p,p-DDE	ug/g	<0.0020	0.0020	0.00040	7432556
o,p-DDT	ug/g	<0.0020	0.0020	0.00040	7432556
p,p-DDT	ug/g	<0.0020	0.0020	0.00040	7432556
Dieldrin	ug/g	<0.0020	0.0020	0.00040	7432556
Lindane	ug/g	<0.0020	0.0020	0.00040	7432556
Endosulfan I (alpha)	ug/g	<0.0020	0.0020	0.00040	7432556
Endosulfan II (beta)	ug/g	<0.0020	0.0020	0.00040	7432556
Endrin	ug/g	<0.0020	0.0020	0.00040	7432556
Heptachlor	ug/g	<0.0020	0.0020	0.00040	7432556
Heptachlor epoxide	ug/g	<0.0020	0.0020	0.00040	7432556
Hexachlorobenzene	ug/g	<0.0020	0.0020	0.00040	7432556
Hexachlorobutadiene	ug/g	<0.0020	0.0020	N/A	7432556
Hexachloroethane	ug/g	<0.0020	0.0020	N/A	7432556
Methoxychlor	ug/g	<0.0050	0.0050	0.0016	7432556
Aroclor 1242	ug/g	<0.015	0.015	0.0030	7432556
Aroclor 1248	ug/g	<0.015	0.015	0.0030	7432556
Aroclor 1254	ug/g	<0.015	0.015	0.0030	7432556
RDL = Reportable Detection Limit					
QC Batch = Quality Control Batch					
N/A = Not Applicable					



BV Labs Job #: C1H5474
Report Date: 2021/07/02

Pinchin Ltd
Client Project #: 294348
Site Location: 1250 S.SERVICE RD., MISSISSAUGA
Sampler Initials: JP

O.REG 153 OC PESTICIDES (SOIL)

BV Labs ID		PXV904			
Sampling Date		2021/06/22 15:55			
COC Number		C#814393-01-01			
	UNITS	MW21-02-1	RDL	MDL	QC Batch
Aroclor 1260	ug/g	<0.015	0.015	0.0030	7432556
Surrogate Recovery (%)					
2,4,5,6-Tetrachloro-m-xylene	%	73			7432556
Decachlorobiphenyl	%	86			7432556
RDL = Reportable Detection Limit					
QC Batch = Quality Control Batch					



BV Labs Job #: C1H5474
Report Date: 2021/07/02

Pinchin Ltd
Client Project #: 294348
Site Location: 1250 S.SERVICE RD., MISSISSAUGA
Sampler Initials: JP

O.REG 153 PAHS (SOIL)

BV Labs ID		PXV904	PXV906	PXV909	PXV912			
Sampling Date		2021/06/22 15:55	2021/06/22 08:55	2021/06/22 10:45	2021/06/22 13:15			
COC Number		C#814393-01-01	C#814393-01-01	C#814393-01-01	C#814393-01-01			
	UNITS	MW21-02-1	BH21-06-1	BH21-10-1	MW21-11-1	RDL	MDL	QC Batch
Calculated Parameters								
Methylnaphthalene, 2-(1-)	ug/g	<0.0071	<0.0071	<0.0071	<0.0071	0.0071	N/A	7429643
Polyaromatic Hydrocarbons								
Acenaphthene	ug/g	<0.0050	<0.0050	<0.0050	<0.0050	0.0050	0.0020	7434886
Acenaphthylene	ug/g	<0.0050	0.0099	0.0054	<0.0050	0.0050	0.0010	7434886
Anthracene	ug/g	<0.0050	0.0087	<0.0050	<0.0050	0.0050	0.0010	7434886
Benzo(a)anthracene	ug/g	<0.0050	0.034	0.012	<0.0050	0.0050	0.0020	7434886
Benzo(a)pyrene	ug/g	<0.0050	0.032	0.017	<0.0050	0.0050	0.0010	7434886
Benzo(b,j)fluoranthene	ug/g	<0.0050	0.042	0.022	<0.0050	0.0050	0.0020	7434886
Benzo(g,h,i)perylene	ug/g	<0.0050	0.018	0.014	<0.0050	0.0050	0.0040	7434886
Benzo(k)fluoranthene	ug/g	<0.0050	0.014	0.0082	<0.0050	0.0050	0.0020	7434886
Chrysene	ug/g	<0.0050	0.025	0.010	<0.0050	0.0050	0.0020	7434886
Dibenzo(a,h)anthracene	ug/g	<0.0050	0.0050	<0.0050	<0.0050	0.0050	0.0040	7434886
Fluoranthene	ug/g	<0.0050	0.077	0.015	<0.0050	0.0050	0.0010	7434886
Fluorene	ug/g	<0.0050	<0.0050	<0.0050	<0.0050	0.0050	0.0010	7434886
Indeno(1,2,3-cd)pyrene	ug/g	<0.0050	0.020	0.014	<0.0050	0.0050	0.0040	7434886
1-Methylnaphthalene	ug/g	<0.0050	<0.0050	<0.0050	<0.0050	0.0050	0.0010	7434886
2-Methylnaphthalene	ug/g	<0.0050	<0.0050	<0.0050	<0.0050	0.0050	0.0010	7434886
Naphthalene	ug/g	<0.0050	<0.0050	<0.0050	<0.0050	0.0050	0.0010	7434886
Phenanthrene	ug/g	<0.0050	0.013	<0.0050	<0.0050	0.0050	0.0010	7434886
Pyrene	ug/g	<0.0050	0.059	0.017	<0.0050	0.0050	0.0010	7434886
Surrogate Recovery (%)								
D10-Anthracene	%	106	107	106	105			7434886
D14-Terphenyl (FS)	%	102	98	104	104			7434886
D8-Acenaphthylene	%	94	92	92	93			7434886
RDL = Reportable Detection Limit QC Batch = Quality Control Batch N/A = Not Applicable								



BUREAU
VERITAS

BV Labs Job #: C1H5474

Report Date: 2021/07/02

Pinchin Ltd

Client Project #: 294348

Site Location: 1250 S.SERVICE RD., MISSISSAUGA

Sampler Initials: JP

O.REG 153 PAHS (SOIL)

BV Labs ID		PXV915	PXV917	PXV919			
Sampling Date		2021/06/22 14:35	2021/06/22 09:25	2021/06/21 16:15			
COC Number		C#814393-01-01	C#814393-01-01	C#814393-01-01			
	UNITS	BH21-18-1	MW21-25-1	MW21-29-1	RDL	MDL	QC Batch
Calculated Parameters							
Methylnaphthalene, 2-(1-)	ug/g	<0.0071	<0.0071	<0.0071	0.0071	N/A	7429643
Polyaromatic Hydrocarbons							
Acenaphthene	ug/g	0.0062	<0.0050	<0.0050	0.0050	0.0020	7434886
Acenaphthylene	ug/g	<0.0050	<0.0050	<0.0050	0.0050	0.0010	7434886
Anthracene	ug/g	0.012	<0.0050	<0.0050	0.0050	0.0010	7434886
Benzo(a)anthracene	ug/g	0.030	0.0058	0.0058	0.0050	0.0020	7434886
Benzo(a)pyrene	ug/g	0.026	0.0080	0.0087	0.0050	0.0010	7434886
Benzo(b,j)fluoranthene	ug/g	0.039	0.015	0.013	0.0050	0.0020	7434886
Benzo(g,h,i)perylene	ug/g	0.017	0.0094	0.012	0.0050	0.0040	7434886
Benzo(k)fluoranthene	ug/g	0.013	<0.0050	<0.0050	0.0050	0.0020	7434886
Chrysene	ug/g	0.028	0.0080	0.0065	0.0050	0.0020	7434886
Dibenzo(a,h)anthracene	ug/g	<0.0050	<0.0050	<0.0050	0.0050	0.0040	7434886
Fluoranthene	ug/g	0.078	0.010	0.012	0.0050	0.0010	7434886
Fluorene	ug/g	0.0061	<0.0050	<0.0050	0.0050	0.0010	7434886
Indeno(1,2,3-cd)pyrene	ug/g	0.018	0.0084	0.0089	0.0050	0.0040	7434886
1-Methylnaphthalene	ug/g	<0.0050	<0.0050	<0.0050	0.0050	0.0010	7434886
2-Methylnaphthalene	ug/g	<0.0050	<0.0050	<0.0050	0.0050	0.0010	7434886
Naphthalene	ug/g	<0.0050	<0.0050	<0.0050	0.0050	0.0010	7434886
Phenanthrene	ug/g	0.072	<0.0050	<0.0050	0.0050	0.0010	7434886
Pyrene	ug/g	0.059	0.010	0.011	0.0050	0.0010	7434886
Surrogate Recovery (%)							
D10-Anthracene	%	105	103	100			7434886
D14-Terphenyl (FS)	%	101	98	101			7434886
D8-Acenaphthylene	%	93	91	90			7434886
RDL = Reportable Detection Limit							
QC Batch = Quality Control Batch							
N/A = Not Applicable							



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VERITAS

BV Labs Job #: C1H5474

Report Date: 2021/07/02

Pinchin Ltd

Client Project #: 294348

Site Location: 1250 S.SERVICE RD., MISSISSAUGA

Sampler Initials: JP

O.REG 153 PCBS (SOIL)

BV Labs ID		PXV906	PXV915	PXV917			
Sampling Date		2021/06/22 08:55	2021/06/22 14:35	2021/06/22 09:25			
COC Number		C#814393-01-01	C#814393-01-01	C#814393-01-01			
	UNITS	BH21-06-1	BH21-18-1	MW21-25-1	RDL	MDL	QC Batch
PCBs							
Aroclor 1242	ug/g	<0.010	<0.010	<0.010	0.010	0.0070	7432587
Aroclor 1248	ug/g	<0.010	<0.010	<0.010	0.010	0.0070	7432587
Aroclor 1254	ug/g	<0.010	<0.010	<0.010	0.010	0.0070	7432587
Aroclor 1260	ug/g	<0.010	<0.010	<0.010	0.010	0.0070	7432587
Total PCB	ug/g	<0.010	<0.010	<0.010	0.010	0.0070	7432587
Surrogate Recovery (%)							
Decachlorobiphenyl	%	84	79	71			7432587
RDL = Reportable Detection Limit							
QC Batch = Quality Control Batch							

BV Labs ID		PXV923			
Sampling Date		2021/06/22			
COC Number		C#814393-01-01			
	UNITS	DUP01-062221	RDL	MDL	QC Batch
Inorganics					
Moisture	%	9.2	1.0	0.50	7431952
PCBs					
Aroclor 1242	ug/g	<0.010	0.010	0.0070	7432587
Aroclor 1248	ug/g	<0.010	0.010	0.0070	7432587
Aroclor 1254	ug/g	<0.010	0.010	0.0070	7432587
Aroclor 1260	ug/g	<0.010	0.010	0.0070	7432587
Total PCB	ug/g	<0.010	0.010	0.0070	7432587
Surrogate Recovery (%)					
Decachlorobiphenyl	%	82			7432587
RDL = Reportable Detection Limit					
QC Batch = Quality Control Batch					



BV Labs Job #: C1H5474
Report Date: 2021/07/02

Pinchin Ltd
Client Project #: 294348
Site Location: 1250 S.SERVICE RD., MISSISSAUGA
Sampler Initials: JP

O.REG 153 PHCS, BTEX/F1-F4 (SOIL)

BV Labs ID		PXV904	PXV906	PXV909		PXV917			
Sampling Date		2021/06/22 15:55	2021/06/22 08:55	2021/06/22 10:45		2021/06/22 09:25			
COC Number		C#814393-01-01	C#814393-01-01	C#814393-01-01		C#814393-01-01			
	UNITS	MW21-02-1	BH21-06-1	BH21-10-1	QC Batch	MW21-25-1	RDL	MDL	QC Batch
Inorganics									
Moisture	%	8.5	7.6	9.6	7430575	9.5	1.0	0.50	7430750
BTEX & F1 Hydrocarbons									
Benzene	ug/g	<0.020	<0.020	<0.020	7432838	<0.020	0.020	0.020	7432838
Toluene	ug/g	<0.020	<0.020	<0.020	7432838	<0.020	0.020	0.020	7432838
Ethylbenzene	ug/g	<0.020	<0.020	<0.020	7432838	<0.020	0.020	0.020	7432838
o-Xylene	ug/g	<0.020	<0.020	<0.020	7432838	<0.020	0.020	0.020	7432838
p+m-Xylene	ug/g	<0.040	<0.040	<0.040	7432838	<0.040	0.040	0.040	7432838
Total Xylenes	ug/g	<0.040	<0.040	<0.040	7432838	<0.040	0.040	0.040	7432838
F1 (C6-C10)	ug/g	<10	<10	<10	7432838	<10	10	5.0	7432838
F1 (C6-C10) - BTEX	ug/g	<10	<10	<10	7432838	<10	10	5.0	7432838
F2-F4 Hydrocarbons									
F2 (C10-C16 Hydrocarbons)	ug/g	<10	<10	<10	7436897	<10	10	5.0	7436897
F3 (C16-C34 Hydrocarbons)	ug/g	<50	<50	<50	7436897	<50	50	5.0	7436897
F4 (C34-C50 Hydrocarbons)	ug/g	<50	<50	<50	7436897	<50	50	10	7436897
Reached Baseline at C50	ug/g	Yes	Yes	Yes	7436897	Yes			7436897
Surrogate Recovery (%)									
1,4-Difluorobenzene	%	102	103	99	7432838	102			7432838
4-Bromofluorobenzene	%	92	92	95	7432838	96			7432838
D10-o-Xylene	%	88	83	88	7432838	87			7432838
D4-1,2-Dichloroethane	%	106	104	104	7432838	107			7432838
o-Terphenyl	%	99	101	100	7436897	98			7436897
RDL = Reportable Detection Limit									
QC Batch = Quality Control Batch									



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VERITAS

BV Labs Job #: C1H5474
Report Date: 2021/07/02

Pinchin Ltd
Client Project #: 294348
Site Location: 1250 S.SERVICE RD., MISSISSAUGA
Sampler Initials: JP

O.REG 153 PHCS, BTEX/F1-F4 (SOIL)

BV Labs ID		PXV919			
Sampling Date		2021/06/21 16:15			
COC Number		C#814393-01-01			
	UNITS	MW21-29-1	RDL	MDL	QC Batch
Inorganics					
Moisture	%	20	1.0	0.50	7430750
BTEX & F1 Hydrocarbons					
Benzene	ug/g	<0.020	0.020	0.020	7432838
Toluene	ug/g	<0.020	0.020	0.020	7432838
Ethylbenzene	ug/g	<0.020	0.020	0.020	7432838
o-Xylene	ug/g	<0.020	0.020	0.020	7432838
p+m-Xylene	ug/g	<0.040	0.040	0.040	7432838
Total Xylenes	ug/g	<0.040	0.040	0.040	7432838
F1 (C6-C10)	ug/g	<10	10	5.0	7432838
F1 (C6-C10) - BTEX	ug/g	<10	10	5.0	7432838
F2-F4 Hydrocarbons					
F2 (C10-C16 Hydrocarbons)	ug/g	<10	10	5.0	7436897
F3 (C16-C34 Hydrocarbons)	ug/g	<50	50	5.0	7436897
F4 (C34-C50 Hydrocarbons)	ug/g	<50	50	10	7436897
Reached Baseline at C50	ug/g	Yes			7436897
Surrogate Recovery (%)					
1,4-Difluorobenzene	%	102			7432838
4-Bromofluorobenzene	%	97			7432838
D10-o-Xylene	%	84			7432838
D4-1,2-Dichloroethane	%	103			7432838
o-Terphenyl	%	101			7436897
RDL = Reportable Detection Limit					
QC Batch = Quality Control Batch					



BV Labs Job #: C1H5474
Report Date: 2021/07/02

Pinchin Ltd
Client Project #: 294348
Site Location: 1250 S.SERVICE RD., MISSISSAUGA
Sampler Initials: JP

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

BV Labs ID		PXV912	PXV914				PXV914			
Sampling Date		2021/06/22 13:15	2021/06/22 13:50				2021/06/22 13:50			
COC Number		C#814393-01-01	C#814393-01-01				C#814393-01-01			
	UNITS	MW21-11-1	MW21-11-4	RDL	MDL	QC Batch	MW21-11-4 Lab-Dup	RDL	MDL	QC Batch
Inorganics										
Moisture	%	7.4	17	1.0	0.50	7430575	16	1.0	0.50	7430575
Calculated Parameters										
1,3-Dichloropropene (cis+trans)	ug/g	<0.050	<0.050	0.050	0.010	7430087				
Volatile Organics										
Acetone (2-Propanone)	ug/g	<0.50	<0.50	0.50	0.50	7431690				
Benzene	ug/g	<0.020	<0.020	0.020	0.020	7431690				
Bromodichloromethane	ug/g	<0.050	<0.050	0.050	0.050	7431690				
Bromoform	ug/g	<0.050	<0.050	0.050	0.050	7431690				
Bromomethane	ug/g	<0.050	<0.050	0.050	0.050	7431690				
Carbon Tetrachloride	ug/g	<0.050	<0.050	0.050	0.050	7431690				
Chlorobenzene	ug/g	<0.050	<0.050	0.050	0.050	7431690				
Chloroform	ug/g	<0.050	<0.050	0.050	0.050	7431690				
Dibromochloromethane	ug/g	<0.050	<0.050	0.050	0.050	7431690				
1,2-Dichlorobenzene	ug/g	<0.050	<0.050	0.050	0.050	7431690				
1,3-Dichlorobenzene	ug/g	<0.050	<0.050	0.050	0.050	7431690				
1,4-Dichlorobenzene	ug/g	<0.050	<0.050	0.050	0.050	7431690				
Dichlorodifluoromethane (FREON 12)	ug/g	<0.050	<0.050	0.050	0.050	7431690				
1,1-Dichloroethane	ug/g	<0.050	<0.050	0.050	0.050	7431690				
1,2-Dichloroethane	ug/g	<0.050	<0.050	0.050	0.050	7431690				
1,1-Dichloroethylene	ug/g	<0.050	<0.050	0.050	0.050	7431690				
cis-1,2-Dichloroethylene	ug/g	<0.050	<0.050	0.050	0.050	7431690				
trans-1,2-Dichloroethylene	ug/g	<0.050	<0.050	0.050	0.050	7431690				
1,2-Dichloropropane	ug/g	<0.050	<0.050	0.050	0.050	7431690				
cis-1,3-Dichloropropene	ug/g	<0.030	<0.030	0.030	0.030	7431690				
trans-1,3-Dichloropropene	ug/g	<0.040	<0.040	0.040	0.040	7431690				
Ethylbenzene	ug/g	<0.020	<0.020	0.020	0.020	7431690				
Ethylene Dibromide	ug/g	<0.050	<0.050	0.050	0.050	7431690				
Hexane	ug/g	<0.050	<0.050	0.050	0.050	7431690				
Methylene Chloride(Dichloromethane)	ug/g	<0.050	<0.050	0.050	0.050	7431690				
Methyl Ethyl Ketone (2-Butanone)	ug/g	<0.50	<0.50	0.50	0.50	7431690				
RDL = Reportable Detection Limit										
QC Batch = Quality Control Batch										
Lab-Dup = Laboratory Initiated Duplicate										

BUREAU
VERITAS

BV Labs Job #: C1H5474

Report Date: 2021/07/02

Pinchin Ltd

Client Project #: 294348

Site Location: 1250 S.SERVICE RD., MISSISSAUGA

Sampler Initials: JP

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

BV Labs ID		PXV912	PXV914				PXV914			
Sampling Date		2021/06/22 13:15	2021/06/22 13:50				2021/06/22 13:50			
COC Number		C#814393-01-01	C#814393-01-01				C#814393-01-01			
	UNITS	MW21-11-1	MW21-11-4	RDL	MDL	QC Batch	MW21-11-4 Lab-Dup	RDL	MDL	QC Batch
Methyl Isobutyl Ketone	ug/g	<0.50	<0.50	0.50	0.50	7431690				
Methyl t-butyl ether (MTBE)	ug/g	<0.050	<0.050	0.050	0.050	7431690				
Styrene	ug/g	<0.050	<0.050	0.050	0.050	7431690				
1,1,1,2-Tetrachloroethane	ug/g	<0.050	<0.050	0.050	0.050	7431690				
1,1,2,2-Tetrachloroethane	ug/g	<0.050	<0.050	0.050	0.050	7431690				
Tetrachloroethylene	ug/g	<0.050	<0.050	0.050	0.050	7431690				
Toluene	ug/g	<0.020	<0.020	0.020	0.020	7431690				
1,1,1-Trichloroethane	ug/g	<0.050	<0.050	0.050	0.050	7431690				
1,1,2-Trichloroethane	ug/g	<0.050	<0.050	0.050	0.050	7431690				
Trichloroethylene	ug/g	<0.050	<0.050	0.050	0.050	7431690				
Trichlorofluoromethane (FREON 11)	ug/g	<0.050	<0.050	0.050	0.050	7431690				
Vinyl Chloride	ug/g	<0.020	<0.020	0.020	0.020	7431690				
p+m-Xylene	ug/g	<0.020	<0.020	0.020	0.020	7431690				
o-Xylene	ug/g	<0.020	<0.020	0.020	0.020	7431690				
Total Xylenes	ug/g	<0.020	<0.020	0.020	0.020	7431690				
F1 (C6-C10)	ug/g	<10	<10	10	N/A	7431690				
F1 (C6-C10) - BTEX	ug/g	<10	<10	10	N/A	7431690				
F2-F4 Hydrocarbons										
F2 (C10-C16 Hydrocarbons)	ug/g	<10	<10	10	5.0	7436897	<10	10	5.0	7436897
F3 (C16-C34 Hydrocarbons)	ug/g	<50	<50	50	5.0	7436897	<50	50	5.0	7436897
F4 (C34-C50 Hydrocarbons)	ug/g	<50	<50	50	10	7436897	<50	50	10	7436897
Reached Baseline at C50	ug/g	Yes	Yes			7436897	Yes			7436897
Surrogate Recovery (%)										
o-Terphenyl	%	104	103			7436897	105			7436897
4-Bromofluorobenzene	%	89	88			7431690				
D10-o-Xylene	%	67	73			7431690				
D4-1,2-Dichloroethane	%	110	113			7431690				
D8-Toluene	%	93	94			7431690				
RDL = Reportable Detection Limit QC Batch = Quality Control Batch Lab-Dup = Laboratory Initiated Duplicate N/A = Not Applicable										



BV Labs Job #: C1H5474
Report Date: 2021/07/02

Pinchin Ltd
Client Project #: 294348
Site Location: 1250 S.SERVICE RD., MISSISSAUGA
Sampler Initials: JP

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

BV Labs ID		PXV915			
Sampling Date		2021/06/22 14:35			
COC Number		C#814393-01-01			
	UNITS	BH21-18-1	RDL	MDL	QC Batch
Inorganics					
Moisture	%	7.8	1.0	0.50	7430575
Calculated Parameters					
1,3-Dichloropropene (cis+trans)	ug/g	<0.050	0.050	0.010	7430087
Volatile Organics					
Acetone (2-Propanone)	ug/g	<0.50	0.50	0.50	7431690
Benzene	ug/g	<0.020	0.020	0.020	7431690
Bromodichloromethane	ug/g	<0.050	0.050	0.050	7431690
Bromoform	ug/g	<0.050	0.050	0.050	7431690
Bromomethane	ug/g	<0.050	0.050	0.050	7431690
Carbon Tetrachloride	ug/g	<0.050	0.050	0.050	7431690
Chlorobenzene	ug/g	<0.050	0.050	0.050	7431690
Chloroform	ug/g	<0.050	0.050	0.050	7431690
Dibromochloromethane	ug/g	<0.050	0.050	0.050	7431690
1,2-Dichlorobenzene	ug/g	<0.050	0.050	0.050	7431690
1,3-Dichlorobenzene	ug/g	<0.050	0.050	0.050	7431690
1,4-Dichlorobenzene	ug/g	<0.050	0.050	0.050	7431690
Dichlorodifluoromethane (FREON 12)	ug/g	<0.050	0.050	0.050	7431690
1,1-Dichloroethane	ug/g	<0.050	0.050	0.050	7431690
1,2-Dichloroethane	ug/g	<0.050	0.050	0.050	7431690
1,1-Dichloroethylene	ug/g	<0.050	0.050	0.050	7431690
cis-1,2-Dichloroethylene	ug/g	<0.050	0.050	0.050	7431690
trans-1,2-Dichloroethylene	ug/g	<0.050	0.050	0.050	7431690
1,2-Dichloropropane	ug/g	<0.050	0.050	0.050	7431690
cis-1,3-Dichloropropene	ug/g	<0.030	0.030	0.030	7431690
trans-1,3-Dichloropropene	ug/g	<0.040	0.040	0.040	7431690
Ethylbenzene	ug/g	<0.020	0.020	0.020	7431690
Ethylene Dibromide	ug/g	<0.050	0.050	0.050	7431690
Hexane	ug/g	<0.050	0.050	0.050	7431690
Methylene Chloride(Dichloromethane)	ug/g	<0.050	0.050	0.050	7431690
Methyl Ethyl Ketone (2-Butanone)	ug/g	<0.50	0.50	0.50	7431690
Methyl Isobutyl Ketone	ug/g	<0.50	0.50	0.50	7431690
RDL = Reportable Detection Limit					
QC Batch = Quality Control Batch					



BV Labs Job #: C1H5474
Report Date: 2021/07/02

Pinchin Ltd
Client Project #: 294348
Site Location: 1250 S.SERVICE RD., MISSISSAUGA
Sampler Initials: JP

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

BV Labs ID		PXV915			
Sampling Date		2021/06/22 14:35			
COC Number		C#814393-01-01			
	UNITS	BH21-18-1	RDL	MDL	QC Batch
Methyl t-butyl ether (MTBE)	ug/g	<0.050	0.050	0.050	7431690
Styrene	ug/g	<0.050	0.050	0.050	7431690
1,1,1,2-Tetrachloroethane	ug/g	<0.050	0.050	0.050	7431690
1,1,2,2-Tetrachloroethane	ug/g	<0.050	0.050	0.050	7431690
Tetrachloroethylene	ug/g	<0.050	0.050	0.050	7431690
Toluene	ug/g	<0.020	0.020	0.020	7431690
1,1,1-Trichloroethane	ug/g	<0.050	0.050	0.050	7431690
1,1,2-Trichloroethane	ug/g	<0.050	0.050	0.050	7431690
Trichloroethylene	ug/g	<0.050	0.050	0.050	7431690
Trichlorofluoromethane (FREON 11)	ug/g	<0.050	0.050	0.050	7431690
Vinyl Chloride	ug/g	<0.020	0.020	0.020	7431690
p+m-Xylene	ug/g	<0.020	0.020	0.020	7431690
o-Xylene	ug/g	<0.020	0.020	0.020	7431690
Total Xylenes	ug/g	<0.020	0.020	0.020	7431690
F1 (C6-C10)	ug/g	<10	10	N/A	7431690
F1 (C6-C10) - BTEX	ug/g	<10	10	N/A	7431690
F2-F4 Hydrocarbons					
F2 (C10-C16 Hydrocarbons)	ug/g	<10	10	5.0	7436897
F3 (C16-C34 Hydrocarbons)	ug/g	<50	50	5.0	7436897
F4 (C34-C50 Hydrocarbons)	ug/g	<50	50	10	7436897
Reached Baseline at C50	ug/g	Yes			7436897
Surrogate Recovery (%)					
o-Terphenyl	%	100			7436897
4-Bromofluorobenzene	%	89			7431690
D10-o-Xylene	%	71			7431690
D4-1,2-Dichloroethane	%	113			7431690
D8-Toluene	%	93			7431690
RDL = Reportable Detection Limit QC Batch = Quality Control Batch N/A = Not Applicable					



BUREAU
VERITAS

BV Labs Job #: C1H5474

Report Date: 2021/07/02

Pinchin Ltd

Client Project #: 294348

Site Location: 1250 S.SERVICE RD., MISSISSAUGA

Sampler Initials: JP

RESULTS OF ANALYSES OF SOIL

BV Labs ID		PXV908	PXV911	PXV911				PXV921		
Sampling Date		2021/06/22 09:20	2021/06/22 11:05	2021/06/22 11:05				2021/06/21 16:25		
COC Number		C#814393-01-01	C#814393-01-01	C#814393-01-01				C#814393-01-01		
	UNITS	BH21-06-5	BH21-10-3	BH21-10-3 Lab-Dup	RDL	MDL	QC Batch	MW21-29-3	MDL	QC Batch

Inorganics										
Available (CaCl ₂) pH	pH							7.67		7435019

Miscellaneous Parameters										
Grain Size	%	FINE	FINE	FINE	N/A	N/A	7435071			
Sieve - #200 (<0.075mm)	%	96	62	62	1	N/A	7435071			
Sieve - #200 (>0.075mm)	%	4	38	38	1	N/A	7435071			

RDL = Reportable Detection Limit

QC Batch = Quality Control Batch

Lab-Dup = Laboratory Initiated Duplicate

N/A = Not Applicable

BV Labs ID		PXV922		
Sampling Date		2021/06/21		
COC Number		C#814393-01-01		
	UNITS	DUP01-062121	MDL	QC Batch

Inorganics				
Available (CaCl ₂) pH	pH	7.80		7435019
QC Batch = Quality Control Batch				



BV Labs Job #: C1H5474
Report Date: 2021/07/02

Pinchin Ltd
Client Project #: 294348
Site Location: 1250 S.SERVICE RD., MISSISSAUGA
Sampler Initials: JP

TEST SUMMARY

BV Labs ID: PXV904
Sample ID: MW21-02-1
Matrix: Soil

Collected: 2021/06/22
Shipped:
Received: 2021/06/24

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Methylnaphthalene Sum	CALC	7429643	N/A	2021/06/30	Automated Statchk
Hot Water Extractable Boron	ICP	7433796	2021/06/28	2021/06/28	Archana Patel
Free (WAD) Cyanide	TECH	7433316	2021/06/28	2021/06/30	Louise Harding
Hexavalent Chromium in Soil by IC	IC/SPEC	7432640	2021/06/28	2021/06/29	Lusine Khachatryan
Petroleum Hydro. CCME F1 & BTEX in Soil	HSGC/MSFD	7432838	N/A	2021/06/29	Anca Ganea
Petroleum Hydrocarbons F2-F4 in Soil	GC/FID	7436897	2021/06/29	2021/06/30	Ravinder Gaidhu
Acid Extractable Metals by ICPMS	ICP/MS	7433716	2021/06/28	2021/06/29	Daniel Teclu
Moisture	BAL	7430575	N/A	2021/06/25	Prgya Panchal
OC Pesticides (Selected) & PCB	GC/ECD	7432556	2021/06/28	2021/06/29	Mahmudul Khan
OC Pesticides Summed Parameters	CALC	7429757	N/A	2021/06/26	Automated Statchk
PAH Compounds in Soil by GC/MS (SIM)	GC/MS	7434886	2021/06/29	2021/06/30	Mitesh Raj

BV Labs ID: PXV906
Sample ID: BH21-06-1
Matrix: Soil

Collected: 2021/06/22
Shipped:
Received: 2021/06/24

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Methylnaphthalene Sum	CALC	7429643	N/A	2021/06/30	Automated Statchk
Hot Water Extractable Boron	ICP	7433796	2021/06/28	2021/06/28	Archana Patel
Free (WAD) Cyanide	TECH	7432670	2021/06/28	2021/06/30	Aditiben Patel
Conductivity	AT	7437646	2021/06/30	2021/06/30	Yogesh Patel
Hexavalent Chromium in Soil by IC	IC/SPEC	7432640	2021/06/28	2021/06/29	Lusine Khachatryan
Petroleum Hydro. CCME F1 & BTEX in Soil	HSGC/MSFD	7432838	N/A	2021/06/29	Anca Ganea
Petroleum Hydrocarbons F2-F4 in Soil	GC/FID	7436897	2021/06/29	2021/06/30	Ravinder Gaidhu
Acid Extractable Metals by ICPMS	ICP/MS	7433716	2021/06/28	2021/06/29	Daniel Teclu
Moisture	BAL	7430575	N/A	2021/06/25	Prgya Panchal
PAH Compounds in Soil by GC/MS (SIM)	GC/MS	7434886	2021/06/29	2021/06/30	Mitesh Raj
Polychlorinated Biphenyl in Soil	GC/ECD	7432587	2021/06/28	2021/06/28	Svitlana Shaula
Sodium Adsorption Ratio (SAR)	CALC/MET	7429469	N/A	2021/06/30	Automated Statchk

BV Labs ID: PXV906 Dup
Sample ID: BH21-06-1
Matrix: Soil

Collected: 2021/06/22
Shipped:
Received: 2021/06/24

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Hot Water Extractable Boron	ICP	7433796	2021/06/28	2021/06/28	Archana Patel
Conductivity	AT	7437646	2021/06/30	2021/06/30	Yogesh Patel

BV Labs ID: PXV908
Sample ID: BH21-06-5
Matrix: Soil

Collected: 2021/06/22
Shipped:
Received: 2021/06/24

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Sieve, 75um	SIEV	7435071	N/A	2021/06/29	Prgya Panchal



BV Labs Job #: C1H5474
Report Date: 2021/07/02

Pinchin Ltd
Client Project #: 294348
Site Location: 1250 S.SERVICE RD., MISSISSAUGA
Sampler Initials: JP

TEST SUMMARY

BV Labs ID: PXV909
Sample ID: BH21-10-1
Matrix: Soil

Collected: 2021/06/22
Shipped:
Received: 2021/06/24

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Methylnaphthalene Sum	CALC	7429643	N/A	2021/06/30	Automated Statchk
Hot Water Extractable Boron	ICP	7433157	2021/06/28	2021/06/28	Archana Patel
Free (WAD) Cyanide	TECH	7433316	2021/06/28	2021/06/30	Louise Harding
Hexavalent Chromium in Soil by IC	IC/SPEC	7432640	2021/06/28	2021/06/29	Lusine Khachatryan
Petroleum Hydro. CCME F1 & BTEX in Soil	HSGC/MSFD	7432838	N/A	2021/06/29	Anca Ganea
Petroleum Hydrocarbons F2-F4 in Soil	GC/FID	7436897	2021/06/29	2021/06/30	Ravinder Gaidhu
Acid Extractable Metals by ICPMS	ICP/MS	7433289	2021/06/28	2021/06/29	Daniel Teclu
Moisture	BAL	7430575	N/A	2021/06/25	Prgya Panchal
PAH Compounds in Soil by GC/MS (SIM)	GC/MS	7434886	2021/06/29	2021/06/30	Mitesh Raj

BV Labs ID: PXV911
Sample ID: BH21-10-3
Matrix: Soil

Collected: 2021/06/22
Shipped:
Received: 2021/06/24

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Sieve, 75um	SIEV	7435071	N/A	2021/06/29	Prgya Panchal

BV Labs ID: PXV911 Dup
Sample ID: BH21-10-3
Matrix: Soil

Collected: 2021/06/22
Shipped:
Received: 2021/06/24

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Sieve, 75um	SIEV	7435071	N/A	2021/06/29	Prgya Panchal

BV Labs ID: PXV912
Sample ID: MW21-11-1
Matrix: Soil

Collected: 2021/06/22
Shipped:
Received: 2021/06/24

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Methylnaphthalene Sum	CALC	7429643	N/A	2021/06/30	Automated Statchk
Hot Water Extractable Boron	ICP	7433157	2021/06/28	2021/06/28	Archana Patel
1,3-Dichloropropene Sum	CALC	7430087	N/A	2021/06/29	Automated Statchk
Free (WAD) Cyanide	TECH	7432670	2021/06/28	2021/06/30	Aditiben Patel
Hexavalent Chromium in Soil by IC	IC/SPEC	7432640	2021/06/28	2021/06/29	Lusine Khachatryan
Petroleum Hydrocarbons F2-F4 in Soil	GC/FID	7436897	2021/06/29	2021/06/30	Ravinder Gaidhu
Acid Extractable Metals by ICPMS	ICP/MS	7433289	2021/06/28	2021/06/29	Daniel Teclu
Moisture	BAL	7430575	N/A	2021/06/25	Prgya Panchal
PAH Compounds in Soil by GC/MS (SIM)	GC/MS	7434886	2021/06/29	2021/06/30	Mitesh Raj
Volatile Organic Compounds and F1 PHCs	GC/MSFD	7431690	N/A	2021/06/28	Denis Reid



BV Labs Job #: C1H5474
Report Date: 2021/07/02

Pinchin Ltd
Client Project #: 294348
Site Location: 1250 S.SERVICE RD., MISSISSAUGA
Sampler Initials: JP

TEST SUMMARY

BV Labs ID: PXV914
Sample ID: MW21-11-4
Matrix: Soil

Collected: 2021/06/22
Shipped:
Received: 2021/06/24

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
1,3-Dichloropropene Sum	CALC	7430087	N/A	2021/06/29	Automated Statchk
Petroleum Hydrocarbons F2-F4 in Soil	GC/FID	7436897	2021/06/29	2021/06/30	Ravinder Gaidhu
Moisture	BAL	7430575	N/A	2021/06/25	Prgya Panchal
Volatile Organic Compounds and F1 PHCs	GC/MSFD	7431690	N/A	2021/06/28	Denis Reid

BV Labs ID: PXV914 Dup
Sample ID: MW21-11-4
Matrix: Soil

Collected: 2021/06/22
Shipped:
Received: 2021/06/24

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Petroleum Hydrocarbons F2-F4 in Soil	GC/FID	7436897	2021/06/29	2021/06/30	Ravinder Gaidhu
Moisture	BAL	7430575	N/A	2021/06/25	Prgya Panchal

BV Labs ID: PXV915
Sample ID: BH21-18-1
Matrix: Soil

Collected: 2021/06/22
Shipped:
Received: 2021/06/24

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Methylnaphthalene Sum	CALC	7429643	N/A	2021/06/30	Automated Statchk
Hot Water Extractable Boron	ICP	7433796	2021/06/28	2021/06/28	Archana Patel
1,3-Dichloropropene Sum	CALC	7430087	N/A	2021/06/29	Automated Statchk
Free (WAD) Cyanide	TECH	7432670	2021/06/28	2021/06/30	Aditiben Patel
Hexavalent Chromium in Soil by IC	IC/SPEC	7432640	2021/06/28	2021/06/29	Lusine Khachatryan
Petroleum Hydrocarbons F2-F4 in Soil	GC/FID	7436897	2021/06/29	2021/06/30	Ravinder Gaidhu
Acid Extractable Metals by ICPMS	ICP/MS	7433716	2021/06/28	2021/06/29	Daniel Teclu
Moisture	BAL	7430575	N/A	2021/06/25	Prgya Panchal
PAH Compounds in Soil by GC/MS (SIM)	GC/MS	7434886	2021/06/29	2021/06/30	Mitesh Raj
Polychlorinated Biphenyl in Soil	GC/ECD	7432587	2021/06/28	2021/06/28	Svitlana Shaula
Volatile Organic Compounds and F1 PHCs	GC/MSFD	7431690	N/A	2021/06/28	Denis Reid

BV Labs ID: PXV915 Dup
Sample ID: BH21-18-1
Matrix: Soil

Collected: 2021/06/22
Shipped:
Received: 2021/06/24

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Acid Extractable Metals by ICPMS	ICP/MS	7433716	2021/06/28	2021/06/29	Daniel Teclu

BV Labs ID: PXV917
Sample ID: MW21-25-1
Matrix: Soil

Collected: 2021/06/22
Shipped:
Received: 2021/06/24

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Methylnaphthalene Sum	CALC	7429643	N/A	2021/06/30	Automated Statchk
Hot Water Extractable Boron	ICP	7433796	2021/06/28	2021/06/28	Archana Patel
Free (WAD) Cyanide	TECH	7432670	2021/06/28	2021/06/30	Aditiben Patel



BV Labs Job #: C1H5474
Report Date: 2021/07/02

Pinchin Ltd
Client Project #: 294348
Site Location: 1250 S.SERVICE RD., MISSISSAUGA
Sampler Initials: JP

TEST SUMMARY

BV Labs ID: PXV917
Sample ID: MW21-25-1
Matrix: Soil

Collected: 2021/06/22
Shipped:
Received: 2021/06/24

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Conductivity	AT	7437646	2021/06/30	2021/06/30	Yogesh Patel
Hexavalent Chromium in Soil by IC	IC/SPEC	7432640	2021/06/28	2021/06/29	Lusine Khachatryan
Petroleum Hydro. CCME F1 & BTEX in Soil	HSGC/MSFD	7432838	N/A	2021/06/29	Anca Ganea
Petroleum Hydrocarbons F2-F4 in Soil	GC/FID	7436897	2021/06/29	2021/06/30	Ravinder Gaidhu
Acid Extractable Metals by ICPMS	ICP/MS	7433716	2021/06/28	2021/06/29	Daniel Teclu
Moisture	BAL	7430750	N/A	2021/06/25	Prgya Panchal
PAH Compounds in Soil by GC/MS (SIM)	GC/MS	7434886	2021/06/29	2021/06/30	Mitesh Raj
Polychlorinated Biphenyl in Soil	GC/ECD	7432587	2021/06/28	2021/06/28	Svitlana Shaula
pH CaCl2 EXTRACT	AT	7435019	2021/06/29	2021/06/29	Surinder Rai
Sodium Adsorption Ratio (SAR)	CALC/MET	7429469	N/A	2021/06/30	Automated Statchk

BV Labs ID: PXV919
Sample ID: MW21-29-1
Matrix: Soil

Collected: 2021/06/21
Shipped:
Received: 2021/06/24

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Methylnaphthalene Sum	CALC	7429643	N/A	2021/06/30	Automated Statchk
Hot Water Extractable Boron	ICP	7433157	2021/06/28	2021/06/28	Archana Patel
Free (WAD) Cyanide	TECH	7432670	2021/06/28	2021/06/30	Aditiben Patel
Hexavalent Chromium in Soil by IC	IC/SPEC	7432640	2021/06/28	2021/06/29	Lusine Khachatryan
Petroleum Hydro. CCME F1 & BTEX in Soil	HSGC/MSFD	7432838	N/A	2021/06/29	Anca Ganea
Petroleum Hydrocarbons F2-F4 in Soil	GC/FID	7436897	2021/06/29	2021/06/30	Ravinder Gaidhu
Acid Extractable Metals by ICPMS	ICP/MS	7433289	2021/06/28	2021/06/29	Daniel Teclu
Moisture	BAL	7430750	N/A	2021/06/25	Prgya Panchal
PAH Compounds in Soil by GC/MS (SIM)	GC/MS	7434886	2021/06/29	2021/06/30	Mitesh Raj

BV Labs ID: PXV921
Sample ID: MW21-29-3
Matrix: Soil

Collected: 2021/06/21
Shipped:
Received: 2021/06/24

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
pH CaCl2 EXTRACT	AT	7435019	2021/06/29	2021/06/29	Surinder Rai

BV Labs ID: PXV922
Sample ID: DUP01-062121
Matrix: Soil

Collected: 2021/06/21
Shipped:
Received: 2021/06/24

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
pH CaCl2 EXTRACT	AT	7435019	2021/06/29	2021/06/29	Surinder Rai



BV Labs Job #: C1H5474
Report Date: 2021/07/02

Pinchin Ltd
Client Project #: 294348
Site Location: 1250 S.SERVICE RD., MISSISSAUGA
Sampler Initials: JP

TEST SUMMARY

BV Labs ID: PXV923
Sample ID: DUP01-062221
Matrix: Soil

Collected: 2021/06/22
Shipped:
Received: 2021/06/24

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Moisture	BAL	7431952	N/A	2021/06/26	Manpreet Kaur
Polychlorinated Biphenyl in Soil	GC/ECD	7432587	2021/06/28	2021/06/28	Svitlana Shaula



GENERAL COMMENTS

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

Package 1	0.3°C
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Results relate only to the items tested.

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BV Labs Job #: C1H5474

Report Date: 2021/07/02

QUALITY ASSURANCE REPORT

Pinchin Ltd

Client Project #: 294348

Site Location: 1250 S.SERVICE RD., MISSISSAUGA

Sampler Initials: JP

QC Batch	Parameter	Date	Matrix Spike		SPIKED BLANK		Method Blank		RPD		QC Standard	
			% Recovery	QC Limits	% Recovery	QC Limits	Value	UNITS	Value (%)	QC Limits	% Recovery	QC Limits
7431690	4-Bromofluorobenzene	2021/06/28	100	60 - 140	100	60 - 140	95	%				
7431690	D10-o-Xylene	2021/06/28	89	60 - 130	86	60 - 130	74	%				
7431690	D4-1,2-Dichloroethane	2021/06/28	101	60 - 140	104	60 - 140	104	%				
7431690	D8-Toluene	2021/06/28	107	60 - 140	106	60 - 140	94	%				
7432556	2,4,5,6-Tetrachloro-m-xylene	2021/06/29	84	50 - 130	85	50 - 130	75	%				
7432556	Decachlorobiphenyl	2021/06/29	92	50 - 130	101	50 - 130	91	%				
7432587	Decachlorobiphenyl	2021/06/28	91	60 - 130	91	60 - 130	98	%				
7432838	1,4-Difluorobenzene	2021/06/28	99	60 - 140	96	60 - 140	100	%				
7432838	4-Bromofluorobenzene	2021/06/28	104	60 - 140	100	60 - 140	92	%				
7432838	D10-o-Xylene	2021/06/28	92	60 - 140	100	60 - 140	87	%				
7432838	D4-1,2-Dichloroethane	2021/06/28	102	60 - 140	98	60 - 140	105	%				
7434886	D10-Anthracene	2021/06/29	92	50 - 130	98	50 - 130	102	%				
7434886	D14-Terphenyl (FS)	2021/06/29	86	50 - 130	89	50 - 130	107	%				
7434886	D8-Acenaphthylene	2021/06/29	81	50 - 130	96	50 - 130	89	%				
7436897	o-Terphenyl	2021/06/30	104	60 - 130	104	60 - 130	102	%				
7430575	Moisture	2021/06/25							4.8	20		
7430750	Moisture	2021/06/25							6.6	20		
7431690	1,1,1,2-Tetrachloroethane	2021/06/28	97	60 - 140	98	60 - 130	<0.050	ug/g	NC	50		
7431690	1,1,1-Trichloroethane	2021/06/28	97	60 - 140	95	60 - 130	<0.050	ug/g	NC	50		
7431690	1,1,2,2-Tetrachloroethane	2021/06/28	95	60 - 140	102	60 - 130	<0.050	ug/g	NC	50		
7431690	1,1,2-Trichloroethane	2021/06/28	97	60 - 140	101	60 - 130	<0.050	ug/g	NC	50		
7431690	1,1-Dichloroethane	2021/06/28	93	60 - 140	92	60 - 130	<0.050	ug/g	NC	50		
7431690	1,1-Dichloroethylene	2021/06/28	95	60 - 140	91	60 - 130	<0.050	ug/g	NC	50		
7431690	1,2-Dichlorobenzene	2021/06/28	93	60 - 140	92	60 - 130	<0.050	ug/g	NC	50		
7431690	1,2-Dichloroethane	2021/06/28	91	60 - 140	93	60 - 130	<0.050	ug/g	NC	50		
7431690	1,2-Dichloropropane	2021/06/28	94	60 - 140	95	60 - 130	<0.050	ug/g	NC	50		
7431690	1,3-Dichlorobenzene	2021/06/28	93	60 - 140	89	60 - 130	<0.050	ug/g	NC	50		
7431690	1,4-Dichlorobenzene	2021/06/28	107	60 - 140	103	60 - 130	<0.050	ug/g	NC	50		
7431690	Acetone (2-Propanone)	2021/06/28	97	60 - 140	102	60 - 140	<0.50	ug/g	NC	50		
7431690	Benzene	2021/06/28	90	60 - 140	89	60 - 130	<0.020	ug/g	NC	50		
7431690	Bromodichloromethane	2021/06/28	97	60 - 140	98	60 - 130	<0.050	ug/g	NC	50		

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BV Labs Job #: C1H5474

Report Date: 2021/07/02

QUALITY ASSURANCE REPORT(CONT'D)

Pinchin Ltd

Client Project #: 294348

Site Location: 1250 S.SERVICE RD., MISSISSAUGA

Sampler Initials: JP

QC Batch	Parameter	Date	Matrix Spike		SPIKED BLANK		Method Blank		RPD		QC Standard	
			% Recovery	QC Limits	% Recovery	QC Limits	Value	UNITS	Value (%)	QC Limits	% Recovery	QC Limits
7431690	Bromoform	2021/06/28	94	60 - 140	101	60 - 130	<0.050	ug/g	NC	50		
7431690	Bromomethane	2021/06/28	93	60 - 140	91	60 - 140	<0.050	ug/g	NC	50		
7431690	Carbon Tetrachloride	2021/06/28	95	60 - 140	92	60 - 130	<0.050	ug/g	NC	50		
7431690	Chlorobenzene	2021/06/28	92	60 - 140	93	60 - 130	<0.050	ug/g	NC	50		
7431690	Chloroform	2021/06/28	96	60 - 140	95	60 - 130	<0.050	ug/g	NC	50		
7431690	cis-1,2-Dichloroethylene	2021/06/28	97	60 - 140	97	60 - 130	<0.050	ug/g	NC	50		
7431690	cis-1,3-Dichloropropene	2021/06/28	96	60 - 140	93	60 - 130	<0.030	ug/g	NC	50		
7431690	Dibromochloromethane	2021/06/28	93	60 - 140	98	60 - 130	<0.050	ug/g	NC	50		
7431690	Dichlorodifluoromethane (FREON 12)	2021/06/28	79	60 - 140	79	60 - 140	<0.050	ug/g	NC	50		
7431690	Ethylbenzene	2021/06/28	86	60 - 140	84	60 - 130	<0.020	ug/g	NC	50		
7431690	Ethylene Dibromide	2021/06/28	92	60 - 140	97	60 - 130	<0.050	ug/g	NC	50		
7431690	F1 (C6-C10) - BTEX	2021/06/28					<10	ug/g	NC	30		
7431690	F1 (C6-C10)	2021/06/28	97	60 - 140	96	80 - 120	<10	ug/g	NC	30		
7431690	Hexane	2021/06/28	98	60 - 140	93	60 - 130	<0.050	ug/g	NC	50		
7431690	Methyl Ethyl Ketone (2-Butanone)	2021/06/28	99	60 - 140	108	60 - 140	<0.50	ug/g	NC	50		
7431690	Methyl Isobutyl Ketone	2021/06/28	99	60 - 140	108	60 - 130	<0.50	ug/g	NC	50		
7431690	Methyl t-butyl ether (MTBE)	2021/06/28	86	60 - 140	86	60 - 130	<0.050	ug/g	NC	50		
7431690	Methylene Chloride(Dichloromethane)	2021/06/28	97	60 - 140	98	60 - 130	<0.050	ug/g	NC	50		
7431690	o-Xylene	2021/06/28	90	60 - 140	88	60 - 130	<0.020	ug/g	NC	50		
7431690	p+m-Xylene	2021/06/28	90	60 - 140	87	60 - 130	<0.020	ug/g	NC	50		
7431690	Styrene	2021/06/28	100	60 - 140	100	60 - 130	<0.050	ug/g	NC	50		
7431690	Tetrachloroethylene	2021/06/28	89	60 - 140	87	60 - 130	<0.050	ug/g	NC	50		
7431690	Toluene	2021/06/28	90	60 - 140	90	60 - 130	<0.020	ug/g	NC	50		
7431690	Total Xylenes	2021/06/28					<0.020	ug/g	NC	50		
7431690	trans-1,2-Dichloroethylene	2021/06/28	97	60 - 140	95	60 - 130	<0.050	ug/g	NC	50		
7431690	trans-1,3-Dichloropropene	2021/06/28	106	60 - 140	102	60 - 130	<0.040	ug/g	NC	50		
7431690	Trichloroethylene	2021/06/28	98	60 - 140	96	60 - 130	<0.050	ug/g	NC	50		
7431690	Trichlorofluoromethane (FREON 11)	2021/06/28	93	60 - 140	90	60 - 130	<0.050	ug/g	NC	50		
7431690	Vinyl Chloride	2021/06/28	95	60 - 140	92	60 - 130	<0.020	ug/g	NC	50		
7431952	Moisture	2021/06/26							4.9	20		
7432556	a-Chlordane	2021/06/29	73	50 - 130	69	50 - 130	<0.0020	ug/g	NC	40		

BUREAU
VERITAS

BV Labs Job #: C1H5474

Report Date: 2021/07/02

QUALITY ASSURANCE REPORT(CONT'D)

Pinchin Ltd

Client Project #: 294348

Site Location: 1250 S.SERVICE RD., MISSISSAUGA

Sampler Initials: JP

QC Batch	Parameter	Date	Matrix Spike		SPIKED BLANK		Method Blank		RPD		QC Standard	
			% Recovery	QC Limits	% Recovery	QC Limits	Value	UNITS	Value (%)	QC Limits	% Recovery	QC Limits
7432556	Aldrin	2021/06/29	76	50 - 130	76	50 - 130	<0.0020	ug/g	NC	40		
7432556	Aroclor 1242	2021/06/29					<0.015	ug/g				
7432556	Aroclor 1248	2021/06/29					<0.015	ug/g				
7432556	Aroclor 1254	2021/06/29					<0.015	ug/g				
7432556	Aroclor 1260	2021/06/29					<0.015	ug/g				
7432556	Dieldrin	2021/06/29	111	50 - 130	92	50 - 130	<0.0020	ug/g	NC	40		
7432556	Endosulfan I (alpha)	2021/06/29	92	50 - 130	81	50 - 130	<0.0020	ug/g	NC	40		
7432556	Endosulfan II (beta)	2021/06/29	121	50 - 130	91	50 - 130	<0.0020	ug/g	NC	40		
7432556	Endrin	2021/06/29	82	50 - 130	74	50 - 130	<0.0020	ug/g	NC	40		
7432556	g-Chlordane	2021/06/29	73	50 - 130	74	50 - 130	<0.0020	ug/g	NC	40		
7432556	Heptachlor epoxide	2021/06/29	111	50 - 130	85	50 - 130	<0.0020	ug/g	NC	40		
7432556	Heptachlor	2021/06/29	75	50 - 130	74	50 - 130	<0.0020	ug/g	NC	40		
7432556	Hexachlorobenzene	2021/06/29	85	50 - 130	93	50 - 130	<0.0020	ug/g	NC	40		
7432556	Hexachlorobutadiene	2021/06/29	86	50 - 130	100	50 - 130	<0.0020	ug/g	NC	40		
7432556	Hexachloroethane	2021/06/29	74	50 - 130	87	50 - 130	<0.0020	ug/g	NC	40		
7432556	Lindane	2021/06/29	73	50 - 130	76	50 - 130	<0.0020	ug/g	NC	40		
7432556	Methoxychlor	2021/06/29	107	50 - 130	96	50 - 130	<0.0050	ug/g	NC	40		
7432556	o,p-DDD	2021/06/29	90	50 - 130	85	50 - 130	<0.0020	ug/g	NC	40		
7432556	o,p-DDE	2021/06/29	83	50 - 130	83	50 - 130	<0.0020	ug/g	NC	40		
7432556	o,p-DDT	2021/06/29	73	50 - 130	66	50 - 130	<0.0020	ug/g	NC	40		
7432556	p,p-DDD	2021/06/29	74	50 - 130	78	50 - 130	<0.0020	ug/g	NC	40		
7432556	p,p-DDE	2021/06/29	82	50 - 130	81	50 - 130	<0.0020	ug/g	NC	40		
7432556	p,p-DDT	2021/06/29	75	50 - 130	82	50 - 130	<0.0020	ug/g	NC	40		
7432587	Aroclor 1242	2021/06/28					<0.010	ug/g	NC	50		
7432587	Aroclor 1248	2021/06/28					<0.010	ug/g	NC	50		
7432587	Aroclor 1254	2021/06/28					<0.010	ug/g	NC	50		
7432587	Aroclor 1260	2021/06/28	101	30 - 130	100	30 - 130	<0.010	ug/g	NC	50		
7432587	Total PCB	2021/06/28	101	30 - 130	100	30 - 130	<0.010	ug/g	NC	50		
7432640	Chromium (VI)	2021/06/29	84	70 - 130	86	80 - 120	<0.18	ug/g	NC	35		
7432670	WAD Cyanide (Free)	2021/06/30	95	75 - 125	91	80 - 120	<0.01	ug/g	NC	35		
7432838	Benzene	2021/06/28	95	50 - 140	104	50 - 140	<0.020	ug/g	NC	50		

BUREAU
VERITAS

BV Labs Job #: C1H5474

Report Date: 2021/07/02

QUALITY ASSURANCE REPORT(CONT'D)

Pinchin Ltd

Client Project #: 294348

Site Location: 1250 S.SERVICE RD., MISSISSAUGA

Sampler Initials: JP

QC Batch	Parameter	Date	Matrix Spike		SPIKED BLANK		Method Blank		RPD		QC Standard	
			% Recovery	QC Limits	% Recovery	QC Limits	Value	UNITS	Value (%)	QC Limits	% Recovery	QC Limits
7432838	Ethylbenzene	2021/06/28	103	50 - 140	115	50 - 140	<0.020	ug/g	NC	50		
7432838	F1 (C6-C10) - BTEX	2021/06/28					<10	ug/g	NC	30		
7432838	F1 (C6-C10)	2021/06/28	87	60 - 140	96	80 - 120	<10	ug/g	NC	30		
7432838	o-Xylene	2021/06/28	103	50 - 140	112	50 - 140	<0.020	ug/g	NC	50		
7432838	p+m-Xylene	2021/06/28	101	50 - 140	110	50 - 140	<0.040	ug/g	NC	50		
7432838	Toluene	2021/06/28	92	50 - 140	98	50 - 140	<0.020	ug/g	NC	50		
7432838	Total Xylenes	2021/06/28					<0.040	ug/g	NC	50		
7433157	Hot Water Ext. Boron (B)	2021/06/28	100	75 - 125	95	75 - 125	<0.050	ug/g	18	40		
7433289	Acid Extractable Antimony (Sb)	2021/06/29	104	75 - 125	99	80 - 120	<0.20	ug/g	NC	30		
7433289	Acid Extractable Arsenic (As)	2021/06/29	113	75 - 125	101	80 - 120	<1.0	ug/g	9.6	30		
7433289	Acid Extractable Barium (Ba)	2021/06/29	NC	75 - 125	104	80 - 120	<0.50	ug/g	3.2	30		
7433289	Acid Extractable Beryllium (Be)	2021/06/29	116	75 - 125	97	80 - 120	<0.20	ug/g	0.33	30		
7433289	Acid Extractable Boron (B)	2021/06/29	113	75 - 125	98	80 - 120	<5.0	ug/g	NC	30		
7433289	Acid Extractable Cadmium (Cd)	2021/06/29	113	75 - 125	96	80 - 120	<0.10	ug/g	NC	30		
7433289	Acid Extractable Chromium (Cr)	2021/06/29	125	75 - 125	98	80 - 120	<1.0	ug/g	1.6	30		
7433289	Acid Extractable Cobalt (Co)	2021/06/29	113	75 - 125	97	80 - 120	<0.10	ug/g	4.5	30		
7433289	Acid Extractable Copper (Cu)	2021/06/29	111	75 - 125	98	80 - 120	<0.50	ug/g	2.0	30		
7433289	Acid Extractable Lead (Pb)	2021/06/29	113	75 - 125	97	80 - 120	<1.0	ug/g	0.80	30		
7433289	Acid Extractable Mercury (Hg)	2021/06/29	103	75 - 125	97	80 - 120	<0.050	ug/g	NC	30		
7433289	Acid Extractable Molybdenum (Mo)	2021/06/29	117	75 - 125	98	80 - 120	<0.50	ug/g	NC	30		
7433289	Acid Extractable Nickel (Ni)	2021/06/29	117	75 - 125	99	80 - 120	<0.50	ug/g	0.38	30		
7433289	Acid Extractable Selenium (Se)	2021/06/29	113	75 - 125	97	80 - 120	<0.50	ug/g	NC	30		
7433289	Acid Extractable Silver (Ag)	2021/06/29	111	75 - 125	97	80 - 120	<0.20	ug/g	NC	30		
7433289	Acid Extractable Thallium (Tl)	2021/06/29	118	75 - 125	100	80 - 120	<0.050	ug/g	6.1	30		
7433289	Acid Extractable Uranium (U)	2021/06/29	117	75 - 125	100	80 - 120	<0.050	ug/g	5.1	30		
7433289	Acid Extractable Vanadium (V)	2021/06/29	125	75 - 125	100	80 - 120	<5.0	ug/g	1.1	30		
7433289	Acid Extractable Zinc (Zn)	2021/06/29	NC	75 - 125	98	80 - 120	<5.0	ug/g	5.2	30		
7433316	WAD Cyanide (Free)	2021/06/30	94	75 - 125	98	80 - 120	<0.01	ug/g	NC	35		
7433716	Acid Extractable Antimony (Sb)	2021/06/29	95	75 - 125	98	80 - 120	<0.20	ug/g	NC	30		
7433716	Acid Extractable Arsenic (As)	2021/06/29	99	75 - 125	100	80 - 120	<1.0	ug/g	9.9	30		
7433716	Acid Extractable Barium (Ba)	2021/06/29	101	75 - 125	99	80 - 120	<0.50	ug/g	2.9	30		

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VERITAS

BV Labs Job #: C1H5474

Report Date: 2021/07/02

QUALITY ASSURANCE REPORT(CONT'D)

Pinchin Ltd

Client Project #: 294348

Site Location: 1250 S.SERVICE RD., MISSISSAUGA

Sampler Initials: JP

QC Batch	Parameter	Date	Matrix Spike		SPIKED BLANK		Method Blank		RPD		QC Standard	
			% Recovery	QC Limits	% Recovery	QC Limits	Value	UNITS	Value (%)	QC Limits	% Recovery	QC Limits
7433716	Acid Extractable Beryllium (Be)	2021/06/29	103	75 - 125	98	80 - 120	<0.20	ug/g	3.4	30		
7433716	Acid Extractable Boron (B)	2021/06/29	99	75 - 125	99	80 - 120	<5.0	ug/g	NC	30		
7433716	Acid Extractable Cadmium (Cd)	2021/06/29	100	75 - 125	94	80 - 120	<0.10	ug/g	NC	30		
7433716	Acid Extractable Chromium (Cr)	2021/06/29	108	75 - 125	99	80 - 120	<1.0	ug/g	2.5	30		
7433716	Acid Extractable Cobalt (Co)	2021/06/29	103	75 - 125	100	80 - 120	<0.10	ug/g	0.24	30		
7433716	Acid Extractable Copper (Cu)	2021/06/29	100	75 - 125	97	80 - 120	<0.50	ug/g	2.8	30		
7433716	Acid Extractable Lead (Pb)	2021/06/29	103	75 - 125	97	80 - 120	<1.0	ug/g	15	30		
7433716	Acid Extractable Mercury (Hg)	2021/06/29	94	75 - 125	86	80 - 120	<0.050	ug/g	NC	30		
7433716	Acid Extractable Molybdenum (Mo)	2021/06/29	103	75 - 125	98	80 - 120	<0.50	ug/g	NC	30		
7433716	Acid Extractable Nickel (Ni)	2021/06/29	104	75 - 125	100	80 - 120	<0.50	ug/g	2.2	30		
7433716	Acid Extractable Selenium (Se)	2021/06/29	104	75 - 125	99	80 - 120	<0.50	ug/g	NC	30		
7433716	Acid Extractable Silver (Ag)	2021/06/29	101	75 - 125	97	80 - 120	<0.20	ug/g	NC	30		
7433716	Acid Extractable Thallium (Tl)	2021/06/29	105	75 - 125	101	80 - 120	<0.050	ug/g	1.6	30		
7433716	Acid Extractable Uranium (U)	2021/06/29	106	75 - 125	99	80 - 120	<0.050	ug/g	16	30		
7433716	Acid Extractable Vanadium (V)	2021/06/29	102	75 - 125	100	80 - 120	<5.0	ug/g	3.9	30		
7433716	Acid Extractable Zinc (Zn)	2021/06/29	106	75 - 125	100	80 - 120	<5.0	ug/g	2.5	30		
7433796	Hot Water Ext. Boron (B)	2021/06/28	93	75 - 125	91	75 - 125	<0.050	ug/g	0.94	40		
7434886	1-Methylnaphthalene	2021/06/29	92	50 - 130	108	50 - 130	<0.0050	ug/g	NC	40		
7434886	2-Methylnaphthalene	2021/06/29	89	50 - 130	105	50 - 130	<0.0050	ug/g	NC	40		
7434886	Acenaphthene	2021/06/29	90	50 - 130	103	50 - 130	<0.0050	ug/g	NC	40		
7434886	Acenaphthylene	2021/06/29	85	50 - 130	100	50 - 130	<0.0050	ug/g	NC	40		
7434886	Anthracene	2021/06/29	92	50 - 130	105	50 - 130	<0.0050	ug/g	NC	40		
7434886	Benzo(a)anthracene	2021/06/29	95	50 - 130	113	50 - 130	<0.0050	ug/g	NC	40		
7434886	Benzo(a)pyrene	2021/06/29	79	50 - 130	95	50 - 130	<0.0050	ug/g	NC	40		
7434886	Benzo(b,j)fluoranthene	2021/06/29	96	50 - 130	114	50 - 130	<0.0050	ug/g	NC	40		
7434886	Benzo(g,h,i)perylene	2021/06/29	91	50 - 130	114	50 - 130	<0.0050	ug/g	NC	40		
7434886	Benzo(k)fluoranthene	2021/06/29	86	50 - 130	106	50 - 130	<0.0050	ug/g	NC	40		
7434886	Chrysene	2021/06/29	96	50 - 130	113	50 - 130	<0.0050	ug/g	NC	40		
7434886	Dibenzo(a,h)anthracene	2021/06/29	89	50 - 130	106	50 - 130	<0.0050	ug/g	NC	40		
7434886	Fluoranthene	2021/06/29	98	50 - 130	102	50 - 130	<0.0050	ug/g	NC	40		
7434886	Fluorene	2021/06/29	95	50 - 130	110	50 - 130	<0.0050	ug/g	NC	40		

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VERITAS

BV Labs Job #: C1H5474

Report Date: 2021/07/02

QUALITY ASSURANCE REPORT(CONT'D)

Pinchin Ltd

Client Project #: 294348

Site Location: 1250 S.SERVICE RD., MISSISSAUGA

Sampler Initials: JP

QC Batch	Parameter	Date	Matrix Spike		SPIKED BLANK		Method Blank		RPD		QC Standard	
			% Recovery	QC Limits	% Recovery	QC Limits	Value	UNITS	Value (%)	QC Limits	% Recovery	QC Limits
7434886	Indeno(1,2,3-cd)pyrene	2021/06/29	92	50 - 130	114	50 - 130	<0.0050	ug/g	NC	40		
7434886	Naphthalene	2021/06/29	81	50 - 130	97	50 - 130	<0.0050	ug/g	NC	40		
7434886	Phenanthrene	2021/06/29	94	50 - 130	104	50 - 130	<0.0050	ug/g	NC	40		
7434886	Pyrene	2021/06/29	98	50 - 130	102	50 - 130	<0.0050	ug/g	NC	40		
7435019	Available (CaCl2) pH	2021/06/29			100	97 - 103			0.37	N/A		
7435071	Sieve - #200 (<0.075mm)	2021/06/29							0.61	20	55	53 - 58
7435071	Sieve - #200 (>0.075mm)	2021/06/29							1.0	20	45	42 - 47
7436897	F2 (C10-C16 Hydrocarbons)	2021/06/30	113	50 - 130	112	80 - 120	<10	ug/g	NC	30		
7436897	F3 (C16-C34 Hydrocarbons)	2021/06/30	110	50 - 130	110	80 - 120	<50	ug/g	NC	30		
7436897	F4 (C34-C50 Hydrocarbons)	2021/06/30	107	50 - 130	106	80 - 120	<50	ug/g	NC	30		
7437646	Conductivity	2021/06/30			99	90 - 110	<0.002	mS/cm	1.1	10		

N/A = Not Applicable

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

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

QC Standard: A sample of known concentration prepared by an external agency under stringent conditions. Used as an independent check of method accuracy.

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

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

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

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

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



FUNDAMENTAL LABORATORY ACCEPTANCE GUIDELINE

Invoice To:

Pinchin Ltd
ATTN: Accounts Payable
2470 Milltower Crt
Mississauga, ON
CANADA L5N 7W5
Client Contact:
Toby Glanville

BV Labs Job #:	C1H5474
Date Received:	2021/06/24
Your C.O.C. #:	814393-01-01
Your Project #:	294348
BV Labs Project Manager:	Antonella Brasil
Quote #:	A70927

No discrepancies noted.

Report Comments

Received Date:	<u>2021/06/24</u>	Time:	<u>19:40</u>	By:	_____
Inspected Date:	_____	Time:	_____	By:	_____
FLAG Created Date:	_____	Time:	_____	By:	_____



BUREAU
VERITAS

BV Labs Job #: C1H5474

Report Date: 2021/07/02

Pinchin Ltd

Client Project #: 294348

Site Location: 1250 S.SERVICE RD., MISSISSAUGA

Sampler Initials: JP

VALIDATION SIGNATURE PAGE

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

Anastassia Hamanov, Scientific Specialist

Ewa Pranjić, M.Sc., C.Chem, Scientific Specialist

BV Labs has procedures in place to guard against improper use of the electronic signature and have the required "signatories", as per ISO/IEC 17025, signing the reports. For Service Group specific validation please refer to the Validation Signature Page.

C1H5474

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

CHAIN OF CUSTODY RECORD

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Company Name: #3103 Pinchin Ltd		Attention: Jenny Park Accounts Payable		Address: 2470 Milltower Crt Mississauga ON L5N 7W5		Tel: (905) 363-0678 Fax: (905) 363-0681		Email: jenny.p@pinchin.com	
Company Name: Toby Grondille, Robert Mackenzie, Jerry Park		Attention: Toby Grondille, Robert Mackenzie, Jerry Park		Address:		Tel: Fax:		Email: tgrondille@pinchin.com, Rmackenzie@pinchin.com, jpark@pinchin.com	
Quotation #: A70927		P.O. #:		Project: 294348		Project Name: 1250 S. Service Rd., Mississauga		Site #: JT	
BV Labs Job #:		Bottle Order #:		Barcode: 814393		COC #:		Project Manager: Antonella Brasil	
Barcode: C8814393-01-01		Turnaround Time (TAT) Required:		Regular (Standard) TAT:		Job Specific Rush TAT (if applies to entire submission)		Date Required: Time Required:	
Moe Regulated Drinking Water or Water Intended for Human Consumption Must Be Submitted on the BV Labs Drinking Water Chain of Custody		Analysis Requested (Please Be Specific)		Field Filtered (please circle): Metals / Hg / Cr VI		Include Criteria on Certificate of Analysis (Y/N)?		Sample Barcode Label	
Regulation 153 (2011)		Other Regulations		Special Instructions		Sample (Location) Identification		Date Sampled	
Table 1 Res/Park Table 2 Ind/Comm Table 3 Agri/Other Table 4 For RSC		CCME Reg 558 MISA PWQO Other		Sanitary Sewer Bylaw Storm Sewer Bylaw Municipality Reg 406 Table		Time Sampled		Matrix	
Sample 1 MW21-02-1 2021/06/22 3:55pm S		Sample 2 MW21-02-2 4:05pm S		Sample 3 BH21-06-1 8:55am S		Sample 4 BH21-06-2 9:00am S		Sample 5 BH21-06-5 9:20am S	
Sample 6 BH21-10-1 10:45am S		Sample 7 BH21-10-2 10:55am S		Sample 8 BH21-10-3 11:05am S		Sample 9 MW21-11-1 1:15pm S		Sample 10 MW21-11-2 1:20pm S	
* RELINQUISHED BY: (Signature/Print)		Date: (YY/MM/DD)		Time		RECEIVED BY: (Signature/Print)		Date: (YY/MM/DD)	
Jenny Park		21/06/23		7:00pm		R. Mackenzie		20/06/24 10:40	
* UNLESS OTHERWISE AGREED TO IN WRITING, WORK SUBMITTED ON THIS CHAIN OF CUSTODY IS SUBJECT TO BV LABS' STANDARD TERMS AND CONDITIONS. SIGNING OF THIS CHAIN OF CUSTODY DOCUMENT IS ACKNOWLEDGMENT AND ACCEPTANCE OF OUR TERMS WHICH ARE AVAILABLE FOR VIEWING AT WWW.BVLABS.COM/TERMS-AND-CONDITIONS.		* IT IS THE RESPONSIBILITY OF THE RELINQUISHER TO ENSURE THE ACCURACY OF THE CHAIN OF CUSTODY RECORD. AN INCOMPLETE CHAIN OF CUSTODY MAY RESULT IN ANALYTICAL TAT DELAYS.		* SAMPLE CONTAINER, PRESERVATION, HOLD TIME AND PACKAGE INFORMATION CAN BE VIEWED AT WWW.BVLABS.COM/RESOURCES/CHAIN-OF-CUSTODY-FORMS.		SAMPLER MUST BE KEPT COOL (< 10°C) FROM TIME OF SAMPLING UNTIL DELIVERY TO BV LABS		White: BV Labs Yellow: Client	



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

CHAIN OF CUSTODY RECORD

Page 2 of 2

INVOICE TO:		REPORT TO:		PROJECT INFORMATION:		Laboratory Use Only:	
Company Name: #3103 Pinchin Ltd		Company Name:		Quotation #: A70927		BV Labs Job #:	
Attention: Accounts Payable		Attention: Toby Gilman, Robert Mackenzie, Jenny Park		P.O. #:		Bottle Order #:	
Address: 2470 Milltower Crt		Address:		Project: #3103000 294348		817059	
Mississauga ON L5N 7W5				Project Name:		COC #:	
Tel: (905) 363-0678		Tel:		Site #: 1240 S. Service Rd, Mississauga		Project Manager:	
Fax: (905) 363-0681		Fax:		Sampled By: JP		Antonella Brasil	
Email: ap@pinchin.com		Email: t.gilman@pinchin.com, R.Mackenzie@pinchin.com, j.park@pinchin.com					

MOE REGULATED DRINKING WATER OR WATER INTENDED FOR HUMAN CONSUMPTION MUST BE SUBMITTED ON THE BV LABS DRINKING WATER CHAIN OF CUSTODY						ANALYSIS REQUESTED (PLEASE BE SPECIFIC)										Turnaround Time (TAT) Required: Please provide advance notice for rush projects				
Regulation 153 (2011)			Other Regulations			Special Instructions			Field Filtered (please circle): Metals / Hg / Cr VI										Regular (Standard) TAT: (will be applied if Rush TAT is not specified): Standard TAT = 5-7 Working days for most tests. Please note: Standard TAT for certain tests such as BOD and Dioxins/Furans are > 5 days - contact your Project Manager for details. Job Specific Rush TAT (if applies to entire submission) Date Required: Time Required: Rush Confirmation Number: (call lab for #)	
☐ Table 1	☐ Res/Park	☐ Medium/Fine	☐ CCME	☐ Sanitary Sewer Bylaw		For RSC			0 Reg 153 VOCs 0 Reg 153 PHCs (Tn) BTEX 0 Reg 153 PAHs 0 Reg 153 Metals and Inorganics 0 Reg 153 PCBs pH										Regular (Standard) TAT: (will be applied if Rush TAT is not specified): Standard TAT = 5-7 Working days for most tests. Please note: Standard TAT for certain tests such as BOD and Dioxins/Furans are > 5 days - contact your Project Manager for details. Job Specific Rush TAT (if applies to entire submission) Date Required: Time Required: Rush Confirmation Number: (call lab for #)	
☐ Table 2	☒ Ind/Comm	☐ Coarse	☐ Reg 558	☐ Storm Sewer Bylaw															# of Bottles	
☒ Table 3	☐ Agri/Other	☒ For RSC	☐ MISA	☐ Municipality																
☐ Table			☐ PWQO	☐ Reg 406 Table																
Include Criteria on Certificate of Analysis (Y/N)?																				
Sample Barcode Label	Sample (Location) Identification	Date Sampled	Time Sampled	Matrix																
1	MW21-11-4	2021/06/22	1:50pm	S												3				
2	BH21-18-1		2:35pm													6				
3	BH21-18-2		2:45pm													5				
4	MW21-25-1		9:25am													6				
5	MN21-25-2	2021/06/22	9:35am													5				
6	MN21-29-1	2021/06/21	4:15pm													5				
7	MN21-29-2		4:20pm													6				
8	MN21-29-3		4:25pm													1				
9	DUP01-06221	2021/06/21	-													1				
10	DUP01-06222	2021/06/22	-													1				

* RELINQUISHED BY: (Signature/Print)		Date: (YY/MM/DD)	Time	RECEIVED BY: (Signature/Print)		Date: (YY/MM/DD)	Time	# Jars used and not submitted	Laboratory Use Only				
Toby Park		21/06/23	7:00pm	See page 1				0	Time Sensitive	Temperature (°C) on Receipt	Custody Seal	Yes	No
											Intact		

* UNLESS OTHERWISE AGREED TO IN WRITING, WORK SUBMITTED ON THIS CHAIN OF CUSTODY IS SUBJECT TO BV LABS' STANDARD TERMS AND CONDITIONS. SIGNING OF THIS CHAIN OF CUSTODY DOCUMENT IS ACKNOWLEDGMENT AND ACCEPTANCE OF OUR TERMS WHICH ARE AVAILABLE FOR VIEWING AT WWW.BVLABS.COM/TERMS-AND-CONDITIONS.

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

** SAMPLE CONTAINER, PRESERVATION, HOLD TIME AND PACKAGE INFORMATION CAN BE VIEWED AT WWW.BVLABS.COM/RESOURCES/CHAIN-OF-CUSTODY-FORMS.

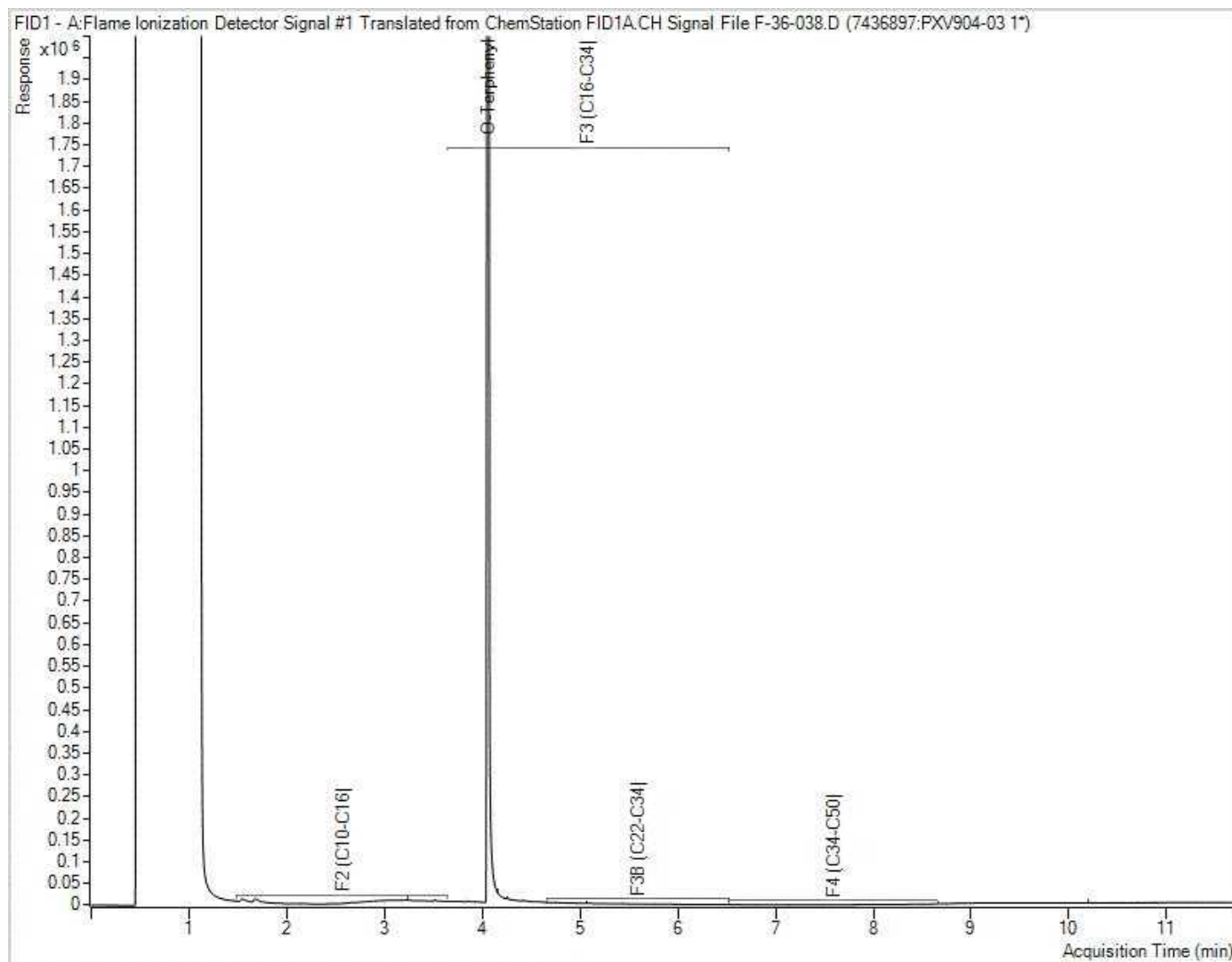
SAMPLES MUST BE KEPT COOL (< 10°C) FROM TIME OF SAMPLING UNTIL DELIVERY TO BV LABS

White: BV Labs Yellow: Client

BV Labs Job #: C1H5474
Report Date: 2021/07/02
BV Labs Sample: PXV904

Pinchin Ltd
Client Project #: 294348
Project name: 1250 S.SERVICE RD., MISSISSAUGA
Client ID: MW21-02-1

Petroleum Hydrocarbons F2-F4 in Soil Chromatogram

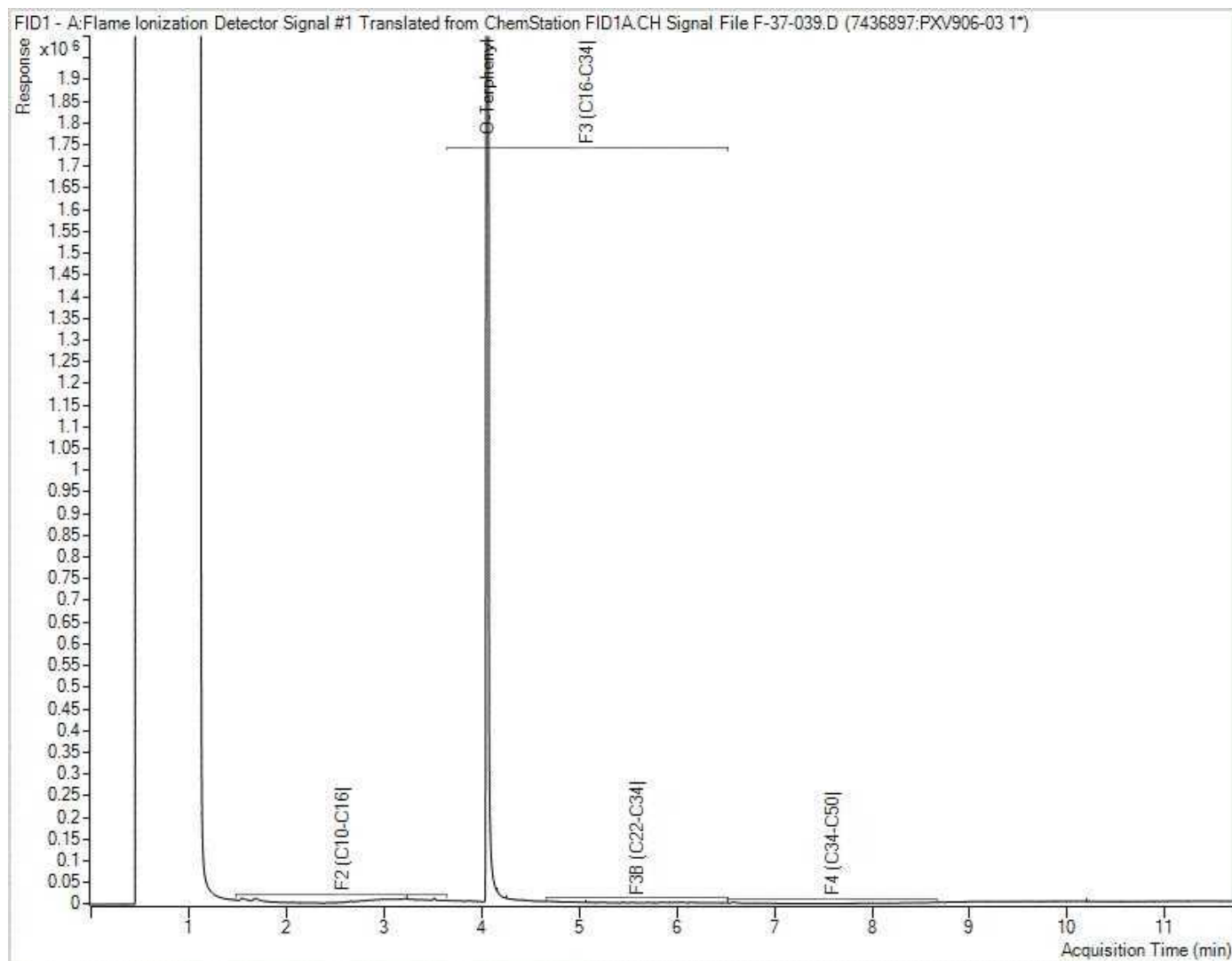


Note: This information is provided for reference purposes only. Should detailed chemist interpretation or fingerprinting be required, please contact the laboratory.

BV Labs Job #: C1H5474
Report Date: 2021/07/02
BV Labs Sample: PXV906

Pinchin Ltd
Client Project #: 294348
Project name: 1250 S.SERVICE RD., MISSISSAUGA
Client ID: BH21-06-1

Petroleum Hydrocarbons F2-F4 in Soil Chromatogram

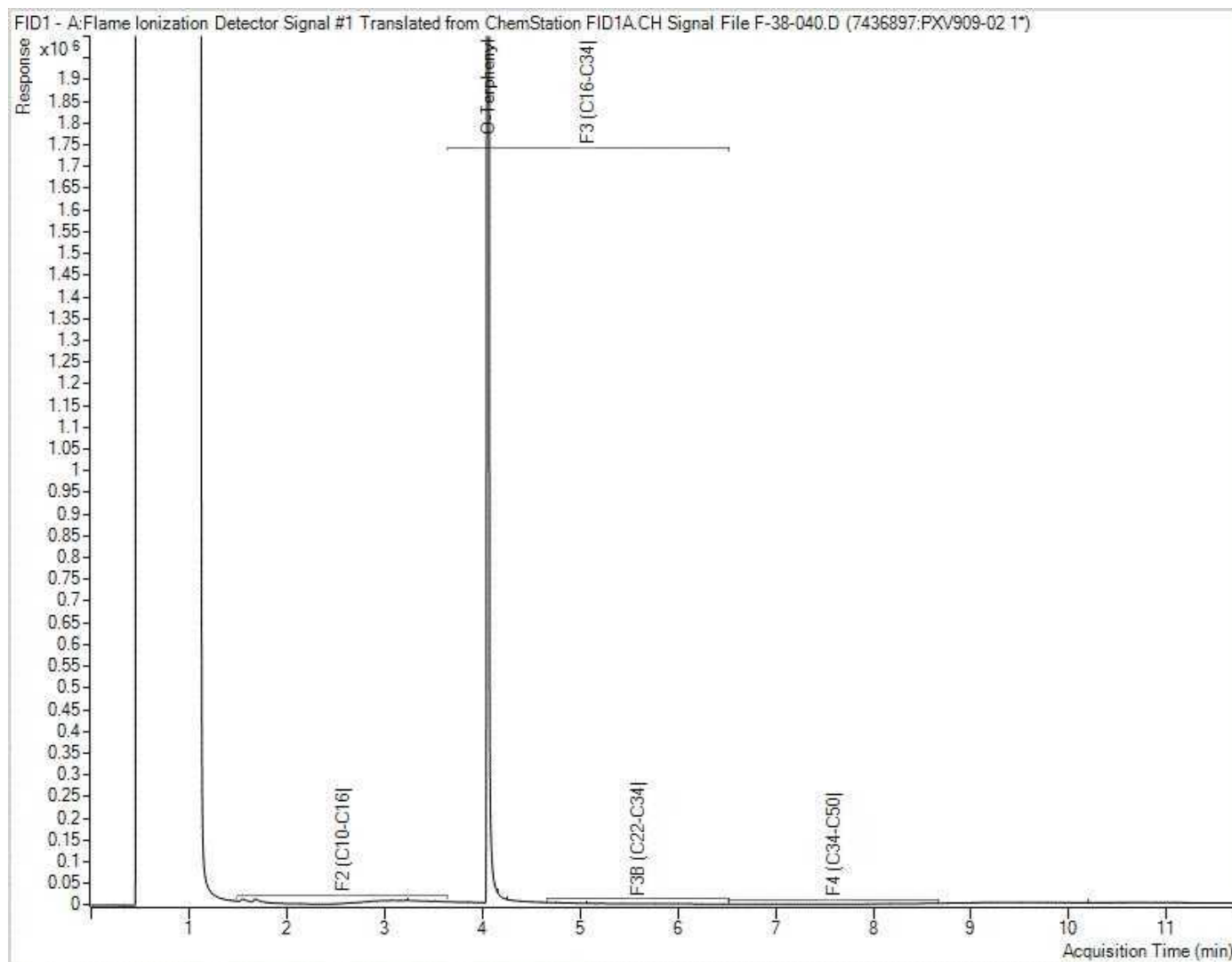


Note: This information is provided for reference purposes only. Should detailed chemist interpretation or fingerprinting be required, please contact the laboratory.

BV Labs Job #: C1H5474
Report Date: 2021/07/02
BV Labs Sample: PXV909

Pinchin Ltd
Client Project #: 294348
Project name: 1250 S.SERVICE RD., MISSISSAUGA
Client ID: BH21-10-1

Petroleum Hydrocarbons F2-F4 in Soil Chromatogram

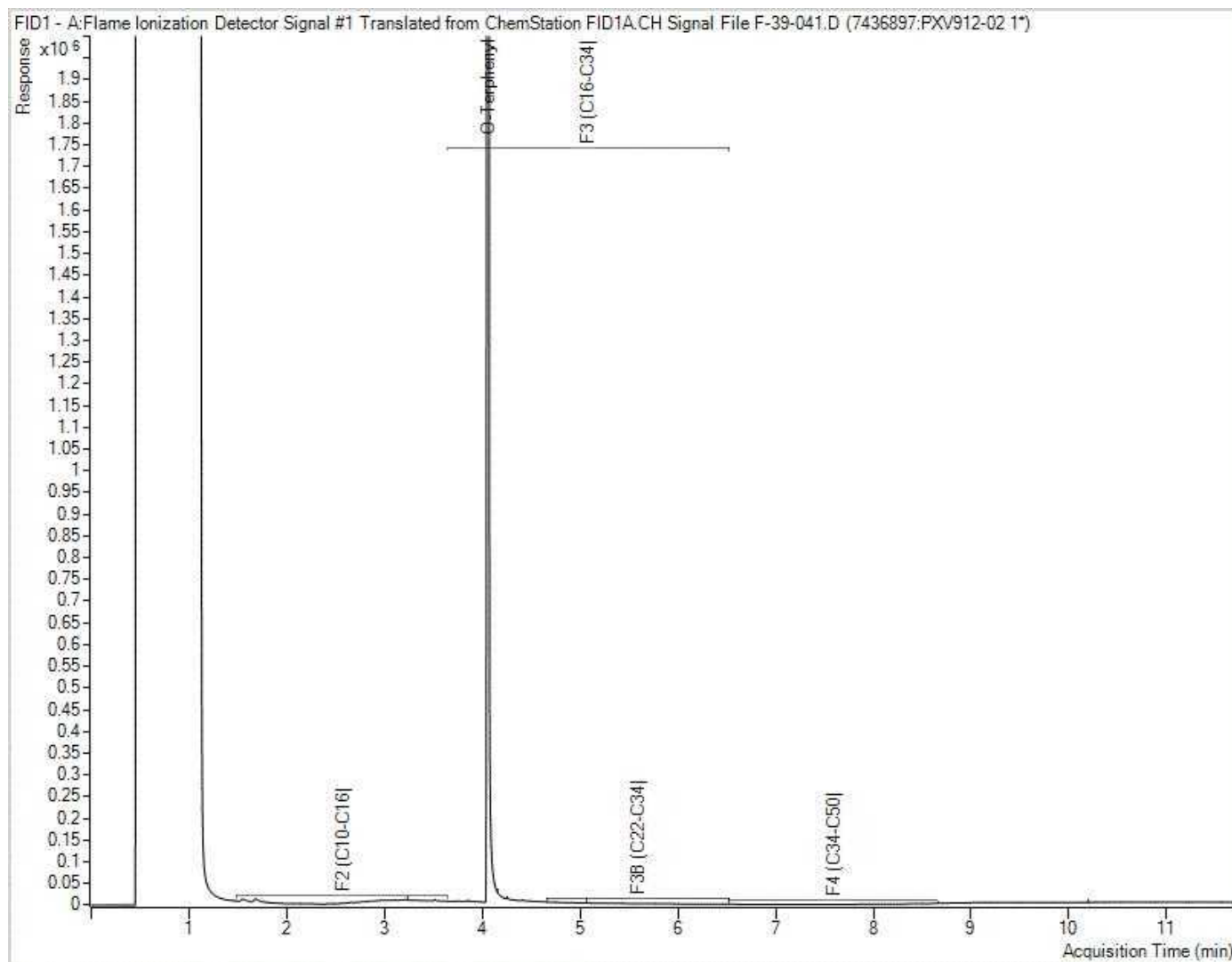


Note: This information is provided for reference purposes only. Should detailed chemist interpretation or fingerprinting be required, please contact the laboratory.

BV Labs Job #: C1H5474
Report Date: 2021/07/02
BV Labs Sample: PXV912

Pinchin Ltd
Client Project #: 294348
Project name: 1250 S.SERVICE RD., MISSISSAUGA
Client ID: MW21-11-1

Petroleum Hydrocarbons F2-F4 in Soil Chromatogram

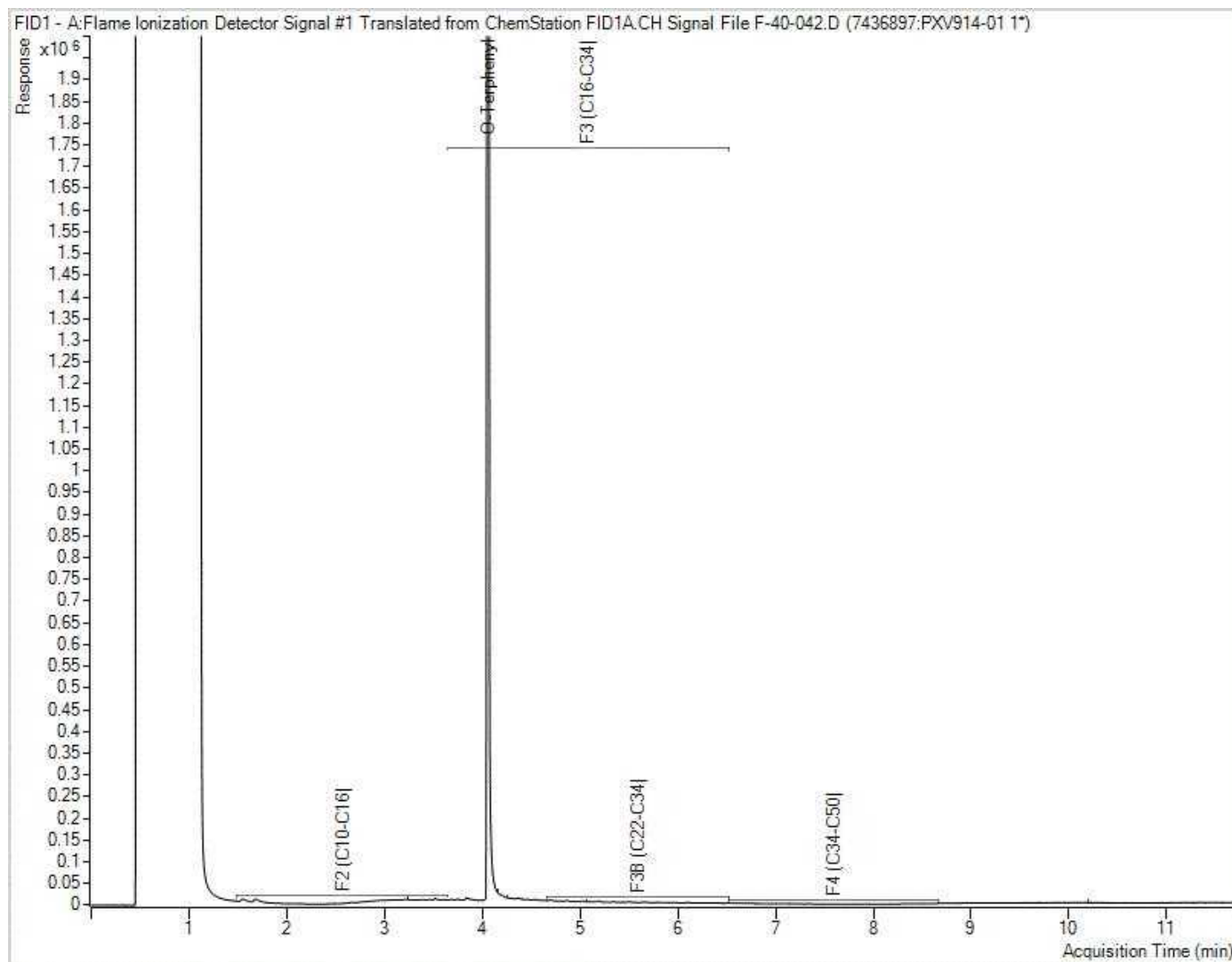


Note: This information is provided for reference purposes only. Should detailed chemist interpretation or fingerprinting be required, please contact the laboratory.

BV Labs Job #: C1H5474
Report Date: 2021/07/02
BV Labs Sample: PXV914

Pinchin Ltd
Client Project #: 294348
Project name: 1250 S.SERVICE RD., MISSISSAUGA
Client ID: MW21-11-4

Petroleum Hydrocarbons F2-F4 in Soil Chromatogram

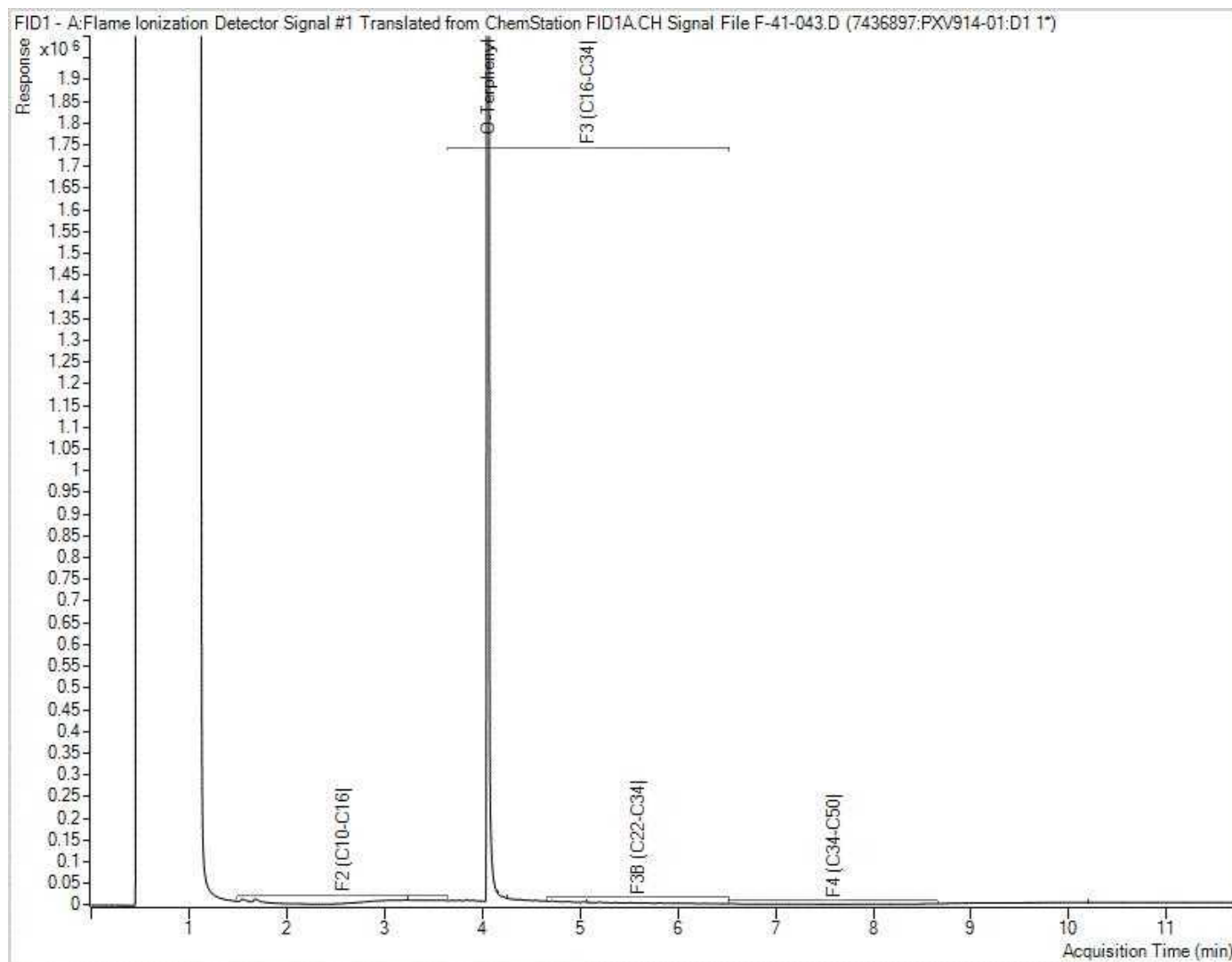


Note: This information is provided for reference purposes only. Should detailed chemist interpretation or fingerprinting be required, please contact the laboratory.

BV Labs Job #: C1H5474
Report Date: 2021/07/02
BV Labs Sample: PXV914 Lab-Dup

Pinchin Ltd
Client Project #: 294348
Project name: 1250 S.SERVICE RD., MISSISSAUGA
Client ID: MW21-11-4

Petroleum Hydrocarbons F2-F4 in Soil Chromatogram

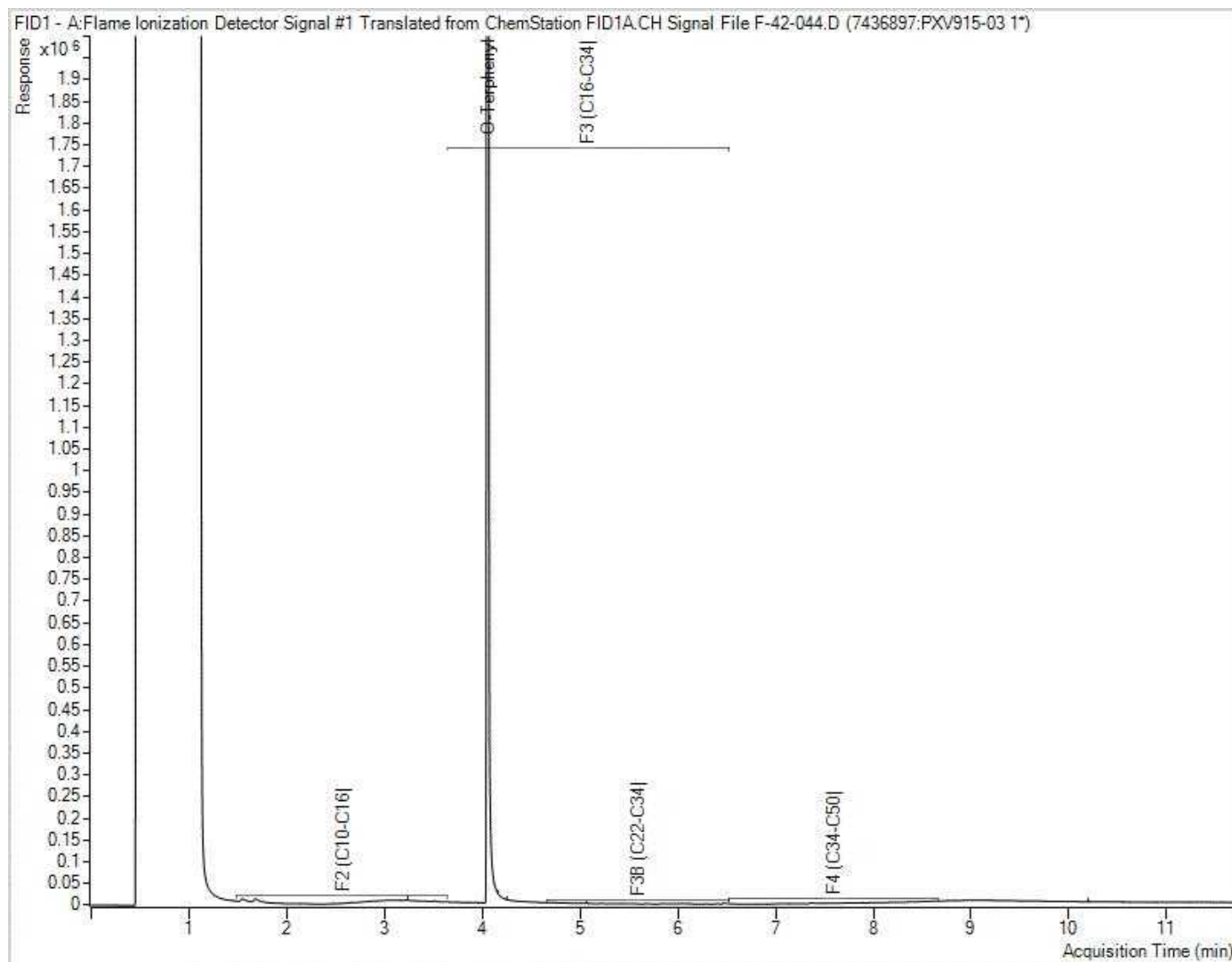


Note: This information is provided for reference purposes only. Should detailed chemist interpretation or fingerprinting be required, please contact the laboratory.

BV Labs Job #: C1H5474
Report Date: 2021/07/02
BV Labs Sample: PXV915

Pinchin Ltd
Client Project #: 294348
Project name: 1250 S.SERVICE RD., MISSISSAUGA
Client ID: BH21-18-1

Petroleum Hydrocarbons F2-F4 in Soil Chromatogram

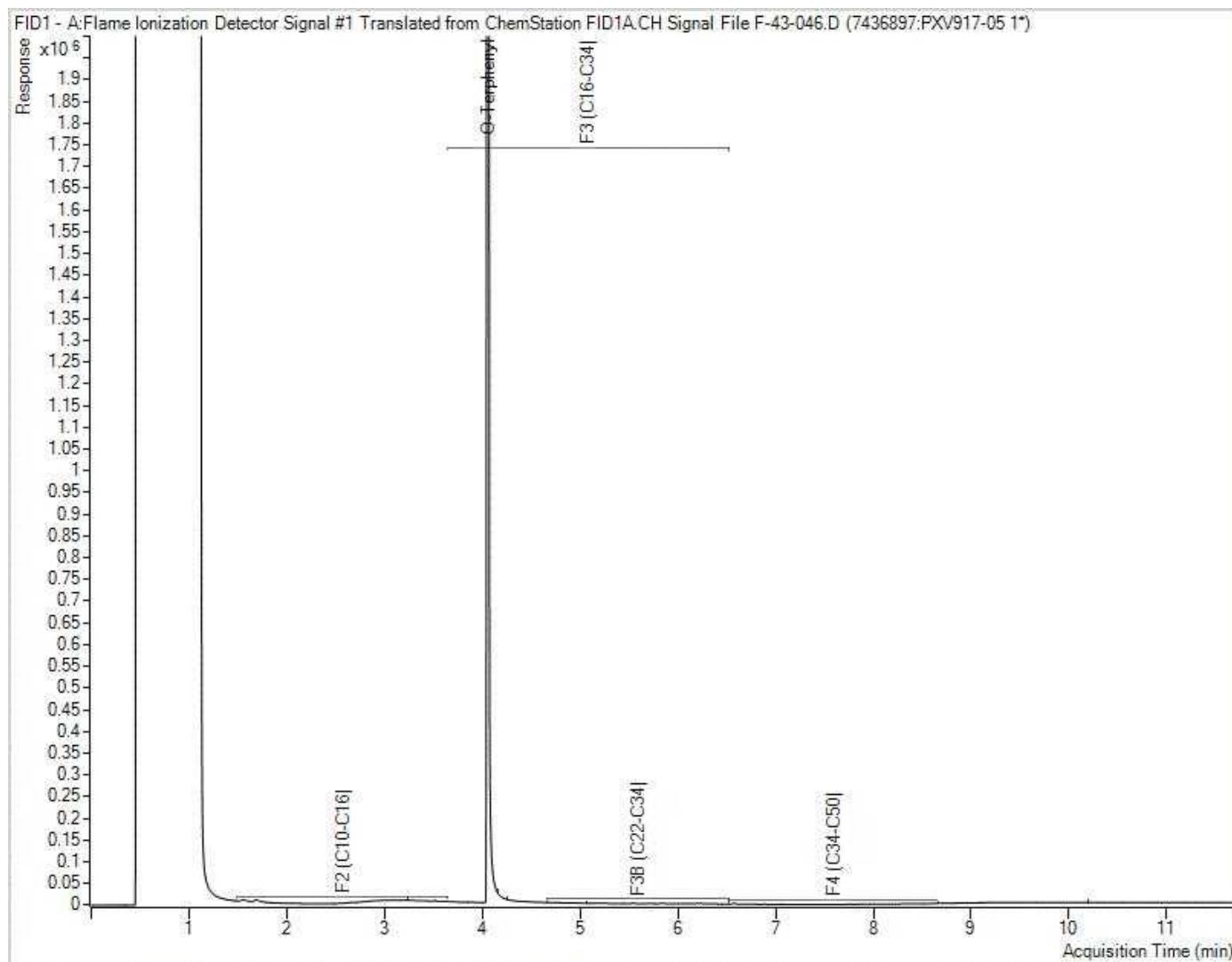


Note: This information is provided for reference purposes only. Should detailed chemist interpretation or fingerprinting be required, please contact the laboratory.

BV Labs Job #: C1H5474
Report Date: 2021/07/02
BV Labs Sample: PXV917

Pinchin Ltd
Client Project #: 294348
Project name: 1250 S.SERVICE RD., MISSISSAUGA
Client ID: MW21-25-1

Petroleum Hydrocarbons F2-F4 in Soil Chromatogram

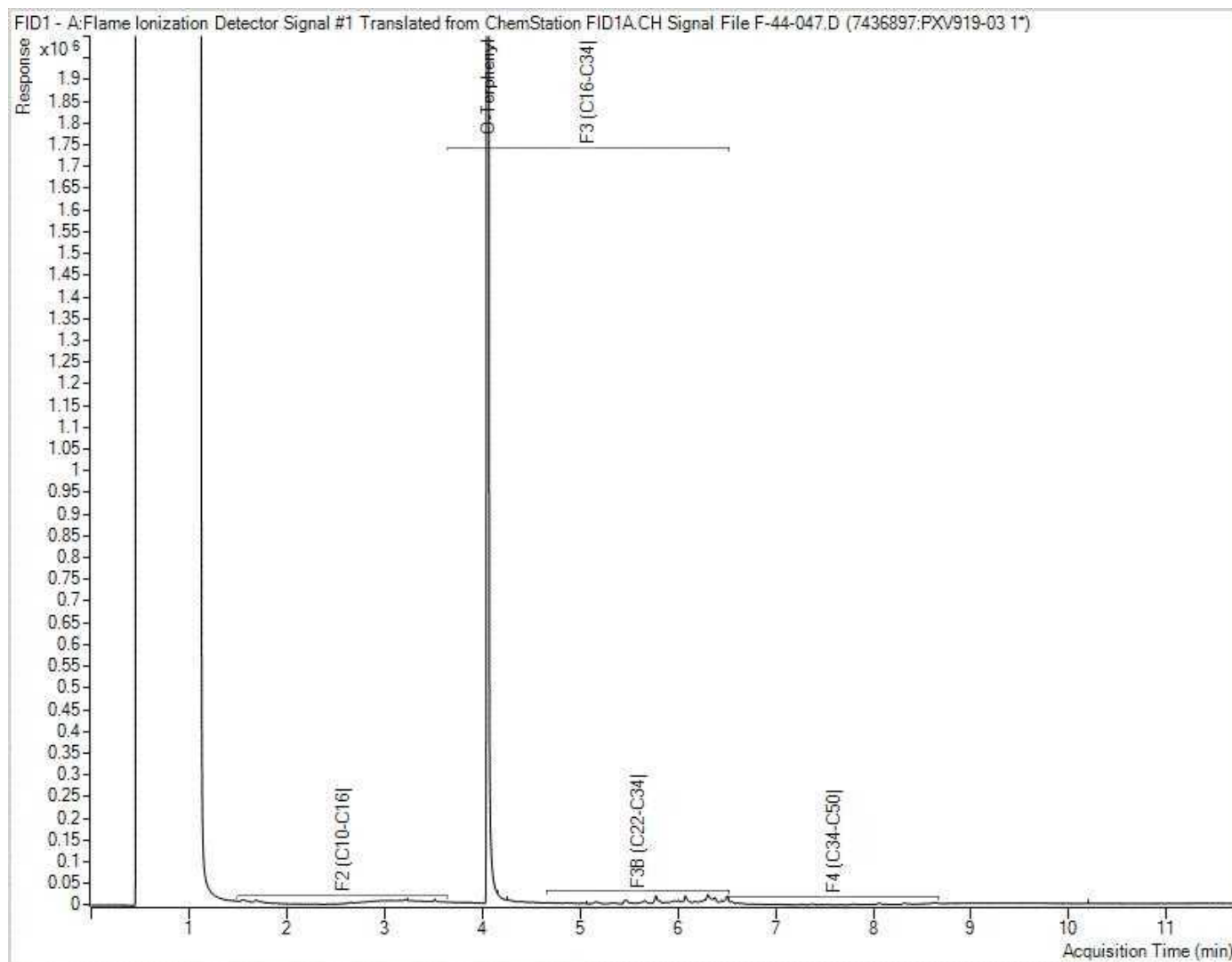


Note: This information is provided for reference purposes only. Should detailed chemist interpretation or fingerprinting be required, please contact the laboratory.

BV Labs Job #: C1H5474
Report Date: 2021/07/02
BV Labs Sample: PXV919

Pinchin Ltd
Client Project #: 294348
Project name: 1250 S.SERVICE RD., MISSISSAUGA
Client ID: MW21-29-1

Petroleum Hydrocarbons F2-F4 in Soil Chromatogram



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



Your Project #: 294348
Site#: 1250 South Service Road
Site Location: 1250 SOUTH SERVICE ROAD
Your C.O.C. #: 835142-13-01

Attention: Robert MacKenzie

Pinchin Ltd
2470 Milltower Crt
Mississauga, ON
CANADA L5N 7W5

Report Date: 2021/07/12
Report #: R6715583
Version: 1 - Final

CERTIFICATE OF ANALYSIS

BV LABS JOB #: C1I5211

Received: 2021/07/06, 08:00

Sample Matrix: Water
Samples Received: 8

Analyses	Date		Date Analyzed	Laboratory Method	Analytical Method
	Quantity	Extracted			
Methylnaphthalene Sum	2	N/A	2021/07/12	CAM SOP-00301	EPA 8270D m
1,3-Dichloropropene Sum	8	N/A	2021/07/09		EPA 8260C m
Chloride by Automated Colourimetry	1	N/A	2021/07/08	CAM SOP-00463	SM 23 4500-Cl E m
Chromium (VI) in Water	2	N/A	2021/07/08	CAM SOP-00436	EPA 7199 m
Free (WAD) Cyanide	2	N/A	2021/07/08	CAM SOP-00457	OMOE E3015 m
Petroleum Hydrocarbons F2-F4 in Water (1)	2	2021/07/09	2021/07/10	CAM SOP-00316	CCME PHC-CWS m
Mercury	2	2021/07/08	2021/07/08	CAM SOP-00453	EPA 7470A m
Dissolved Metals by ICPMS	3	N/A	2021/07/08	CAM SOP-00447	EPA 6020B m
PAH Compounds in Water by GC/MS (SIM)	1	2021/07/09	2021/07/10	CAM SOP-00318	EPA 8270D m
PAH Compounds in Water by GC/MS (SIM)	1	2021/07/09	2021/07/09	CAM SOP-00318	EPA 8270D m
Volatile Organic Compounds and F1 PHCs	2	N/A	2021/07/08	CAM SOP-00230	EPA 8260C m
Volatile Organic Compounds in Water	6	N/A	2021/07/08	CAM SOP-00228	EPA 8260C m

Remarks:

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

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

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

Solid sample results, except biota, are based on dry weight unless otherwise indicated. Organic analyses are not recovery corrected except for isotope dilution methods.

Results relate to samples tested. When sampling is not conducted by Bureau Veritas, results relate to the supplied samples tested.

This Certificate shall not be reproduced except in full, without the written approval of the laboratory.



Your Project #: 294348
Site#: 1250 South Service Road
Site Location: 1250 SOUTH SERVICE ROAD
Your C.O.C. #: 835142-13-01

Attention: Robert MacKenzie

Pinchin Ltd
2470 Milltower Crt
Mississauga, ON
CANADA L5N 7W5

Report Date: 2021/07/12
Report #: R6715583
Version: 1 - Final

CERTIFICATE OF ANALYSIS

BV LABS JOB #: C115211

Received: 2021/07/06, 08:00

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

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

(1) All CCME PHC results met required criteria unless otherwise stated in the report. The CWS PHC methods employed by Bureau Veritas Laboratories conform to all prescribed elements of the reference method and performance based elements have been validated. All modifications have been validated and proven equivalent following "Alberta Environment's Interpretation of the Reference Method for the Canada-Wide Standard for Petroleum Hydrocarbons in Soil Validation of Performance-Based Alternative Methods September 2003". Documentation is available upon request. Modifications from Reference Method for the Canada-wide Standard for Petroleum Hydrocarbons in Soil-Tier 1 Method: F2/F3/F4 data reported using validated cold solvent extraction instead of Soxhlet extraction.

Encryption Key

Please direct all questions regarding this Certificate of Analysis to your Project Manager.

Antonella Brasil, Senior Project Manager
Email: Antonella.Brasil@bureauveritas.com
Phone# (905)817-5817

=====

This report has been generated and distributed using a secure automated process.

BV Labs has procedures in place to guard against improper use of the electronic signature and have the required "signatories", as per ISO/IEC 17025, signing the reports. For Service Group specific validation please refer to the Validation Signature Page.



BUREAU
VERITAS

BV Labs Job #: C1I5211

Report Date: 2021/07/12

Pinchin Ltd

Client Project #: 294348

Site Location: 1250 SOUTH SERVICE ROAD

Sampler Initials: JP

RESULTS OF ANALYSES OF WATER

BV Labs ID		PZZ270			
Sampling Date		2021/07/05 14:00			
COC Number		835142-13-01			
	UNITS	MW21-20	RDL	MDL	QC Batch
Inorganics					
Dissolved Chloride (Cl-)	mg/L	5800	40	12	7451499
RDL = Reportable Detection Limit					
QC Batch = Quality Control Batch					



BV Labs Job #: C1I5211
Report Date: 2021/07/12

Pinchin Ltd
Client Project #: 294348
Site Location: 1250 SOUTH SERVICE ROAD
Sampler Initials: JP

ELEMENTS BY ATOMIC SPECTROSCOPY (WATER)

BV Labs ID		PZZ270			
Sampling Date		2021/07/05 14:00			
COC Number		835142-13-01			
	UNITS	MW21-20	RDL	MDL	QC Batch
Metals					
Dissolved Sodium (Na)	ug/L	4000000	1000	1000	7450757
RDL = Reportable Detection Limit					
QC Batch = Quality Control Batch					



BV Labs Job #: C1I5211
Report Date: 2021/07/12

Pinchin Ltd
Client Project #: 294348
Site Location: 1250 SOUTH SERVICE ROAD
Sampler Initials: JP

O.REG 153 METALS & INORGANICS PKG (WTR)

BV Labs ID		PZZ269	PZZ366			
Sampling Date		2021/07/05 18:00	2021/07/02			
COC Number		835142-13-01	835142-13-01			
	UNITS	MW21-11	DUP02-070521	RDL	MDL	QC Batch
Inorganics						
WAD Cyanide (Free)	ug/L	1	1	1	0.1	7451391
Metals						
Chromium (VI)	ug/L	<2.5	<2.5	2.5	1.5	7447824
Mercury (Hg)	ug/L	<0.10	<0.10	0.10	0.020	7451449
Dissolved Antimony (Sb)	ug/L	<2.5	<2.5	2.5	2.5	7450757
Dissolved Arsenic (As)	ug/L	<5.0	<5.0	5.0	5.0	7450757
Dissolved Barium (Ba)	ug/L	180	180	10	10	7450757
Dissolved Beryllium (Be)	ug/L	<2.0	<2.0	2.0	2.0	7450757
Dissolved Boron (B)	ug/L	93	98	50	50	7450757
Dissolved Cadmium (Cd)	ug/L	<0.45	<0.45	0.45	0.45	7450757
Dissolved Chromium (Cr)	ug/L	<25	<25	25	25	7450757
Dissolved Cobalt (Co)	ug/L	<2.5	<2.5	2.5	2.5	7450757
Dissolved Copper (Cu)	ug/L	<4.5	<4.5	4.5	4.5	7450757
Dissolved Lead (Pb)	ug/L	<2.5	<2.5	2.5	2.5	7450757
Dissolved Molybdenum (Mo)	ug/L	3.3	3.3	2.5	2.5	7450757
Dissolved Nickel (Ni)	ug/L	<5.0	<5.0	5.0	5.0	7450757
Dissolved Selenium (Se)	ug/L	<10	<10	10	10	7450757
Dissolved Silver (Ag)	ug/L	<0.45	<0.45	0.45	0.45	7450757
Dissolved Thallium (Tl)	ug/L	<0.25	<0.25	0.25	0.25	7450757
Dissolved Uranium (U)	ug/L	1.1	1.1	0.50	0.50	7450757
Dissolved Vanadium (V)	ug/L	<2.5	<2.5	2.5	2.5	7450757
Dissolved Zinc (Zn)	ug/L	<25	<25	25	25	7450757
RDL = Reportable Detection Limit						
QC Batch = Quality Control Batch						



BV Labs Job #: C1I5211
Report Date: 2021/07/12

Pinchin Ltd
Client Project #: 294348
Site Location: 1250 SOUTH SERVICE ROAD
Sampler Initials: JP

O.REG 153 PAHS (WATER)

BV Labs ID		PZZ269	PZZ366			
Sampling Date		2021/07/05 18:00	2021/07/02			
COC Number		835142-13-01	835142-13-01			
	UNITS	MW21-11	DUP02-070521	RDL	MDL	QC Batch
Calculated Parameters						
Methylnaphthalene, 2-(1-)	ug/L	<0.071	<0.071	0.071	N/A	7445784
Polyaromatic Hydrocarbons						
Acenaphthene	ug/L	<0.050	<0.050	0.050	0.0030	7453180
Acenaphthylene	ug/L	<0.050	<0.050	0.050	0.0030	7453180
Anthracene	ug/L	<0.050	<0.050	0.050	0.0030	7453180
Benzo(a)anthracene	ug/L	<0.050	<0.050	0.050	0.0030	7453180
Benzo(a)pyrene	ug/L	<0.0090	<0.0090	0.0090	0.0030	7453180
Benzo(b,j)fluoranthene	ug/L	<0.050	<0.050	0.050	0.0030	7453180
Benzo(g,h,i)perylene	ug/L	<0.050	<0.050	0.050	0.0030	7453180
Benzo(k)fluoranthene	ug/L	<0.050	<0.050	0.050	0.0030	7453180
Chrysene	ug/L	<0.050	<0.050	0.050	0.0030	7453180
Dibenzo(a,h)anthracene	ug/L	<0.050	<0.050	0.050	0.0030	7453180
Fluoranthene	ug/L	<0.050	<0.050	0.050	0.0030	7453180
Fluorene	ug/L	<0.050	<0.050	0.050	0.0030	7453180
Indeno(1,2,3-cd)pyrene	ug/L	<0.050	<0.050	0.050	0.0030	7453180
1-Methylnaphthalene	ug/L	<0.050	<0.050	0.050	0.0030	7453180
2-Methylnaphthalene	ug/L	<0.050	<0.050	0.050	0.0030	7453180
Naphthalene	ug/L	<0.050	<0.050	0.050	0.0030	7453180
Phenanthrene	ug/L	<0.030	<0.030	0.030	0.0030	7453180
Pyrene	ug/L	<0.050	<0.050	0.050	0.0030	7453180
Surrogate Recovery (%)						
D10-Anthracene	%	111	100			7453180
D14-Terphenyl (FS)	%	122	111			7453180
D8-Acenaphthylene	%	105	90			7453180
RDL = Reportable Detection Limit QC Batch = Quality Control Batch N/A = Not Applicable						



BV Labs Job #: C1I5211
Report Date: 2021/07/12

Pinchin Ltd
Client Project #: 294348
Site Location: 1250 SOUTH SERVICE ROAD
Sampler Initials: JP

O.REG 153 VOCs BY HS & F1-F4 (WATER)

BV Labs ID		PZZ269				PZZ269			
Sampling Date		2021/07/05 18:00				2021/07/05 18:00			
COC Number		835142-13-01				835142-13-01			
	UNITS	MW21-11	RDL	MDL	QC Batch	MW21-11 Lab-Dup	RDL	MDL	QC Batch
Calculated Parameters									
1,3-Dichloropropene (cis+trans)	ug/L	<0.50	0.50	0.50	7445693				
Volatile Organics									
Acetone (2-Propanone)	ug/L	<10	10	1.0	7448836	<10	10	1.0	7448836
Benzene	ug/L	<0.20	0.20	0.020	7448836	<0.20	0.20	0.020	7448836
Bromodichloromethane	ug/L	<0.50	0.50	0.050	7448836	<0.50	0.50	0.050	7448836
Bromoform	ug/L	<1.0	1.0	0.10	7448836	<1.0	1.0	0.10	7448836
Bromomethane	ug/L	<0.50	0.50	0.10	7448836	<0.50	0.50	0.10	7448836
Carbon Tetrachloride	ug/L	<0.20	0.20	0.050	7448836	<0.20	0.20	0.050	7448836
Chlorobenzene	ug/L	<0.20	0.20	0.010	7448836	<0.20	0.20	0.010	7448836
Chloroform	ug/L	<0.20	0.20	0.050	7448836	<0.20	0.20	0.050	7448836
Dibromochloromethane	ug/L	<0.50	0.50	0.050	7448836	<0.50	0.50	0.050	7448836
1,2-Dichlorobenzene	ug/L	<0.50	0.50	0.050	7448836	<0.50	0.50	0.050	7448836
1,3-Dichlorobenzene	ug/L	<0.50	0.50	0.050	7448836	<0.50	0.50	0.050	7448836
1,4-Dichlorobenzene	ug/L	<0.50	0.50	0.050	7448836	<0.50	0.50	0.050	7448836
Dichlorodifluoromethane (FREON 12)	ug/L	<1.0	1.0	0.050	7448836	<1.0	1.0	0.050	7448836
1,1-Dichloroethane	ug/L	<0.20	0.20	0.050	7448836	<0.20	0.20	0.050	7448836
1,2-Dichloroethane	ug/L	<0.50	0.50	0.020	7448836	<0.50	0.50	0.020	7448836
1,1-Dichloroethylene	ug/L	<0.20	0.20	0.050	7448836	<0.20	0.20	0.050	7448836
cis-1,2-Dichloroethylene	ug/L	<0.50	0.50	0.050	7448836	<0.50	0.50	0.050	7448836
trans-1,2-Dichloroethylene	ug/L	<0.50	0.50	0.050	7448836	<0.50	0.50	0.050	7448836
1,2-Dichloropropane	ug/L	<0.20	0.20	0.050	7448836	<0.20	0.20	0.050	7448836
cis-1,3-Dichloropropene	ug/L	<0.30	0.30	0.050	7448836	<0.30	0.30	0.050	7448836
trans-1,3-Dichloropropene	ug/L	<0.40	0.40	0.050	7448836	<0.40	0.40	0.050	7448836
Ethylbenzene	ug/L	<0.20	0.20	0.010	7448836	<0.20	0.20	0.010	7448836
Ethylene Dibromide	ug/L	<0.20	0.20	0.050	7448836	<0.20	0.20	0.050	7448836
Hexane	ug/L	<1.0	1.0	0.10	7448836	<1.0	1.0	0.10	7448836
Methylene Chloride(Dichloromethane)	ug/L	<2.0	2.0	0.10	7448836	<2.0	2.0	0.10	7448836
Methyl Ethyl Ketone (2-Butanone)	ug/L	<10	10	0.50	7448836	<10	10	0.50	7448836
Methyl Isobutyl Ketone	ug/L	<5.0	5.0	0.10	7448836	<5.0	5.0	0.10	7448836
Methyl t-butyl ether (MTBE)	ug/L	<0.50	0.50	0.050	7448836	<0.50	0.50	0.050	7448836
RDL = Reportable Detection Limit									
QC Batch = Quality Control Batch									
Lab-Dup = Laboratory Initiated Duplicate									



BV Labs Job #: C1I5211
Report Date: 2021/07/12

Pinchin Ltd
Client Project #: 294348
Site Location: 1250 SOUTH SERVICE ROAD
Sampler Initials: JP

O.REG 153 VOCs BY HS & F1-F4 (WATER)

BV Labs ID		PZZ269				PZZ269			
Sampling Date		2021/07/05 18:00				2021/07/05 18:00			
COC Number		835142-13-01				835142-13-01			
	UNITS	MW21-11	RDL	MDL	QC Batch	MW21-11 Lab-Dup	RDL	MDL	QC Batch
Styrene	ug/L	<0.50	0.50	0.050	7448836	<0.50	0.50	0.050	7448836
1,1,1,2-Tetrachloroethane	ug/L	<0.50	0.50	0.050	7448836	<0.50	0.50	0.050	7448836
1,1,2,2-Tetrachloroethane	ug/L	<0.50	0.50	0.050	7448836	<0.50	0.50	0.050	7448836
Tetrachloroethylene	ug/L	0.73	0.20	0.050	7448836	0.74	0.20	0.050	7448836
Toluene	ug/L	<0.20	0.20	0.010	7448836	<0.20	0.20	0.010	7448836
1,1,1-Trichloroethane	ug/L	<0.20	0.20	0.050	7448836	<0.20	0.20	0.050	7448836
1,1,2-Trichloroethane	ug/L	<0.50	0.50	0.050	7448836	<0.50	0.50	0.050	7448836
Trichloroethylene	ug/L	<0.20	0.20	0.050	7448836	<0.20	0.20	0.050	7448836
Trichlorofluoromethane (FREON 11)	ug/L	<0.50	0.50	0.10	7448836	<0.50	0.50	0.10	7448836
Vinyl Chloride	ug/L	<0.20	0.20	0.050	7448836	<0.20	0.20	0.050	7448836
p+m-Xylene	ug/L	<0.20	0.20	0.010	7448836	<0.20	0.20	0.010	7448836
o-Xylene	ug/L	<0.20	0.20	0.010	7448836	<0.20	0.20	0.010	7448836
Total Xylenes	ug/L	<0.20	0.20	0.010	7448836	<0.20	0.20	0.010	7448836
F1 (C6-C10)	ug/L	<25	25	N/A	7448836	<25	25	N/A	7448836
F1 (C6-C10) - BTEX	ug/L	<25	25	N/A	7448836	<25	25	N/A	7448836
F2-F4 Hydrocarbons									
F2 (C10-C16 Hydrocarbons)	ug/L	<100	100	50	7453179				
F3 (C16-C34 Hydrocarbons)	ug/L	<200	200	70	7453179				
F4 (C34-C50 Hydrocarbons)	ug/L	<200	200	50	7453179				
Reached Baseline at C50	ug/L	Yes			7453179				
Surrogate Recovery (%)									
o-Terphenyl	%	95			7453179				
4-Bromofluorobenzene	%	81			7448836	81			7448836
D4-1,2-Dichloroethane	%	100			7448836	102			7448836
D8-Toluene	%	107			7448836	106			7448836
RDL = Reportable Detection Limit QC Batch = Quality Control Batch Lab-Dup = Laboratory Initiated Duplicate N/A = Not Applicable									



BV Labs Job #: C1I5211
Report Date: 2021/07/12

Pinchin Ltd
Client Project #: 294348
Site Location: 1250 SOUTH SERVICE ROAD
Sampler Initials: JP

O.REG 153 VOCs BY HS & F1-F4 (WATER)

BV Labs ID		PZZ366			
Sampling Date		2021/07/02			
COC Number		835142-13-01			
	UNITS	DUP02-070521	RDL	MDL	QC Batch
Calculated Parameters					
1,3-Dichloropropene (cis+trans)	ug/L	<0.50	0.50	0.50	7445693
Volatile Organics					
Acetone (2-Propanone)	ug/L	<10	10	1.0	7448836
Benzene	ug/L	<0.20	0.20	0.020	7448836
Bromodichloromethane	ug/L	<0.50	0.50	0.050	7448836
Bromoform	ug/L	<1.0	1.0	0.10	7448836
Bromomethane	ug/L	<0.50	0.50	0.10	7448836
Carbon Tetrachloride	ug/L	<0.20	0.20	0.050	7448836
Chlorobenzene	ug/L	<0.20	0.20	0.010	7448836
Chloroform	ug/L	<0.20	0.20	0.050	7448836
Dibromochloromethane	ug/L	<0.50	0.50	0.050	7448836
1,2-Dichlorobenzene	ug/L	<0.50	0.50	0.050	7448836
1,3-Dichlorobenzene	ug/L	<0.50	0.50	0.050	7448836
1,4-Dichlorobenzene	ug/L	<0.50	0.50	0.050	7448836
Dichlorodifluoromethane (FREON 12)	ug/L	<1.0	1.0	0.050	7448836
1,1-Dichloroethane	ug/L	<0.20	0.20	0.050	7448836
1,2-Dichloroethane	ug/L	<0.50	0.50	0.020	7448836
1,1-Dichloroethylene	ug/L	<0.20	0.20	0.050	7448836
cis-1,2-Dichloroethylene	ug/L	<0.50	0.50	0.050	7448836
trans-1,2-Dichloroethylene	ug/L	<0.50	0.50	0.050	7448836
1,2-Dichloropropane	ug/L	<0.20	0.20	0.050	7448836
cis-1,3-Dichloropropene	ug/L	<0.30	0.30	0.050	7448836
trans-1,3-Dichloropropene	ug/L	<0.40	0.40	0.050	7448836
Ethylbenzene	ug/L	<0.20	0.20	0.010	7448836
Ethylene Dibromide	ug/L	<0.20	0.20	0.050	7448836
Hexane	ug/L	<1.0	1.0	0.10	7448836
Methylene Chloride(Dichloromethane)	ug/L	<2.0	2.0	0.10	7448836
Methyl Ethyl Ketone (2-Butanone)	ug/L	<10	10	0.50	7448836
Methyl Isobutyl Ketone	ug/L	<5.0	5.0	0.10	7448836
Methyl t-butyl ether (MTBE)	ug/L	<0.50	0.50	0.050	7448836
Styrene	ug/L	<0.50	0.50	0.050	7448836
RDL = Reportable Detection Limit					
QC Batch = Quality Control Batch					



BV Labs Job #: C1I5211
Report Date: 2021/07/12

Pinchin Ltd
Client Project #: 294348
Site Location: 1250 SOUTH SERVICE ROAD
Sampler Initials: JP

O.REG 153 VOCs BY HS & F1-F4 (WATER)

BV Labs ID		PZZ366			
Sampling Date		2021/07/02			
COC Number		835142-13-01			
	UNITS	DUP02-070521	RDL	MDL	QC Batch
1,1,1,2-Tetrachloroethane	ug/L	<0.50	0.50	0.050	7448836
1,1,2,2-Tetrachloroethane	ug/L	<0.50	0.50	0.050	7448836
Tetrachloroethylene	ug/L	0.80	0.20	0.050	7448836
Toluene	ug/L	<0.20	0.20	0.010	7448836
1,1,1-Trichloroethane	ug/L	<0.20	0.20	0.050	7448836
1,1,2-Trichloroethane	ug/L	<0.50	0.50	0.050	7448836
Trichloroethylene	ug/L	<0.20	0.20	0.050	7448836
Trichlorofluoromethane (FREON 11)	ug/L	<0.50	0.50	0.10	7448836
Vinyl Chloride	ug/L	<0.20	0.20	0.050	7448836
p+m-Xylene	ug/L	<0.20	0.20	0.010	7448836
o-Xylene	ug/L	<0.20	0.20	0.010	7448836
Total Xylenes	ug/L	<0.20	0.20	0.010	7448836
F1 (C6-C10)	ug/L	<25	25	N/A	7448836
F1 (C6-C10) - BTEX	ug/L	<25	25	N/A	7448836
F2-F4 Hydrocarbons					
F2 (C10-C16 Hydrocarbons)	ug/L	<100	100	50	7453179
F3 (C16-C34 Hydrocarbons)	ug/L	<200	200	70	7453179
F4 (C34-C50 Hydrocarbons)	ug/L	<200	200	50	7453179
Reached Baseline at C50	ug/L	Yes			7453179
Surrogate Recovery (%)					
o-Terphenyl	%	96			7453179
4-Bromofluorobenzene	%	82			7448836
D4-1,2-Dichloroethane	%	98			7448836
D8-Toluene	%	107			7448836
RDL = Reportable Detection Limit QC Batch = Quality Control Batch N/A = Not Applicable					



BV Labs Job #: C1I5211
Report Date: 2021/07/12

Pinchin Ltd
Client Project #: 294348
Site Location: 1250 SOUTH SERVICE ROAD
Sampler Initials: JP

O.REG 153 VOCS BY HS (WATER)

BV Labs ID		PZZ267				PZZ267			
Sampling Date		2021/07/02 16:00				2021/07/02 16:00			
COC Number		835142-13-01				835142-13-01			
	UNITS	MW14-3	RDL	MDL	QC Batch	MW14-3 Lab-Dup	RDL	MDL	QC Batch
Calculated Parameters									
1,3-Dichloropropene (cis+trans)	ug/L	<0.50	0.50	0.50	7445693				
Volatile Organics									
Acetone (2-Propanone)	ug/L	<10	10	1.0	7448879	<10	10	1.0	7448879
Benzene	ug/L	<0.20	0.20	0.020	7448879	<0.20	0.20	0.020	7448879
Bromodichloromethane	ug/L	<0.50	0.50	0.050	7448879	<0.50	0.50	0.050	7448879
Bromoform	ug/L	<1.0	1.0	0.10	7448879	<1.0	1.0	0.10	7448879
Bromomethane	ug/L	<0.50	0.50	0.10	7448879	<0.50	0.50	0.10	7448879
Carbon Tetrachloride	ug/L	<0.19	0.19	0.050	7448879	<0.19	0.19	0.050	7448879
Chlorobenzene	ug/L	<0.20	0.20	0.010	7448879	<0.20	0.20	0.010	7448879
Chloroform	ug/L	<0.20	0.20	0.050	7448879	<0.20	0.20	0.050	7448879
Dibromochloromethane	ug/L	<0.50	0.50	0.050	7448879	<0.50	0.50	0.050	7448879
1,2-Dichlorobenzene	ug/L	<0.40	0.40	0.050	7448879	<0.40	0.40	0.050	7448879
1,3-Dichlorobenzene	ug/L	<0.40	0.40	0.050	7448879	<0.40	0.40	0.050	7448879
1,4-Dichlorobenzene	ug/L	<0.40	0.40	0.050	7448879	<0.40	0.40	0.050	7448879
Dichlorodifluoromethane (FREON 12)	ug/L	<1.0	1.0	0.050	7448879	<1.0	1.0	0.050	7448879
1,1-Dichloroethane	ug/L	<0.20	0.20	0.050	7448879	<0.20	0.20	0.050	7448879
1,2-Dichloroethane	ug/L	<0.49	0.49	0.020	7448879	<0.49	0.49	0.020	7448879
1,1-Dichloroethylene	ug/L	<0.20	0.20	0.050	7448879	<0.20	0.20	0.050	7448879
cis-1,2-Dichloroethylene	ug/L	<0.50	0.50	0.050	7448879	<0.50	0.50	0.050	7448879
trans-1,2-Dichloroethylene	ug/L	<0.50	0.50	0.050	7448879	<0.50	0.50	0.050	7448879
1,2-Dichloropropane	ug/L	<0.20	0.20	0.050	7448879	<0.20	0.20	0.050	7448879
cis-1,3-Dichloropropene	ug/L	<0.30	0.30	0.050	7448879	<0.30	0.30	0.050	7448879
trans-1,3-Dichloropropene	ug/L	<0.40	0.40	0.050	7448879	<0.40	0.40	0.050	7448879
Ethylbenzene	ug/L	<0.20	0.20	0.010	7448879	<0.20	0.20	0.010	7448879
Ethylene Dibromide	ug/L	<0.19	0.19	0.050	7448879	<0.19	0.19	0.050	7448879
Hexane	ug/L	<1.0	1.0	0.10	7448879	<1.0	1.0	0.10	7448879
Methylene Chloride(Dichloromethane)	ug/L	<2.0	2.0	0.10	7448879	<2.0	2.0	0.10	7448879
Methyl Ethyl Ketone (2-Butanone)	ug/L	<10	10	0.50	7448879	<10	10	0.50	7448879
Methyl Isobutyl Ketone	ug/L	<5.0	5.0	0.10	7448879	<5.0	5.0	0.10	7448879
Methyl t-butyl ether (MTBE)	ug/L	<0.50	0.50	0.050	7448879	<0.50	0.50	0.050	7448879
RDL = Reportable Detection Limit									
QC Batch = Quality Control Batch									
Lab-Dup = Laboratory Initiated Duplicate									



BV Labs Job #: C1I5211
Report Date: 2021/07/12

Pinchin Ltd
Client Project #: 294348
Site Location: 1250 SOUTH SERVICE ROAD
Sampler Initials: JP

O.REG 153 VOCs BY HS (WATER)

BV Labs ID		PZZ267				PZZ267			
Sampling Date		2021/07/02 16:00				2021/07/02 16:00			
COC Number		835142-13-01				835142-13-01			
	UNITS	MW14-3	RDL	MDL	QC Batch	MW14-3 Lab-Dup	RDL	MDL	QC Batch
Styrene	ug/L	<0.40	0.40	0.050	7448879	<0.40	0.40	0.050	7448879
1,1,1,2-Tetrachloroethane	ug/L	<0.50	0.50	0.050	7448879	<0.50	0.50	0.050	7448879
1,1,2,2-Tetrachloroethane	ug/L	<0.40	0.40	0.050	7448879	<0.40	0.40	0.050	7448879
Tetrachloroethylene	ug/L	<0.20	0.20	0.050	7448879	<0.20	0.20	0.050	7448879
Toluene	ug/L	<0.20	0.20	0.010	7448879	<0.20	0.20	0.010	7448879
1,1,1-Trichloroethane	ug/L	<0.20	0.20	0.050	7448879	<0.20	0.20	0.050	7448879
1,1,2-Trichloroethane	ug/L	<0.40	0.40	0.050	7448879	<0.40	0.40	0.050	7448879
Trichloroethylene	ug/L	<0.20	0.20	0.050	7448879	<0.20	0.20	0.050	7448879
Trichlorofluoromethane (FREON 11)	ug/L	<0.50	0.50	0.10	7448879	<0.50	0.50	0.10	7448879
Vinyl Chloride	ug/L	<0.20	0.20	0.050	7448879	<0.20	0.20	0.050	7448879
p+m-Xylene	ug/L	<0.20	0.20	0.010	7448879	<0.20	0.20	0.010	7448879
o-Xylene	ug/L	<0.20	0.20	0.010	7448879	<0.20	0.20	0.010	7448879
Total Xylenes	ug/L	<0.20	0.20	0.010	7448879	<0.20	0.20	0.010	7448879
Surrogate Recovery (%)									
4-Bromofluorobenzene	%	101			7448879	98			7448879
D4-1,2-Dichloroethane	%	108			7448879	108			7448879
D8-Toluene	%	96			7448879	95			7448879
RDL = Reportable Detection Limit QC Batch = Quality Control Batch Lab-Dup = Laboratory Initiated Duplicate									



BV Labs Job #: C1I5211
Report Date: 2021/07/12

Pinchin Ltd
Client Project #: 294348
Site Location: 1250 SOUTH SERVICE ROAD
Sampler Initials: JP

O.REG 153 VOCs BY HS (WATER)

BV Labs ID		PZZ268	PZZ270	PZZ271	PZZ272	PZZ274			
Sampling Date		2021/07/02 19:15	2021/07/05 14:00	2021/07/05 10:20	2021/07/05	2021/07/05			
COC Number		835142-13-01	835142-13-01	835142-13-01	835142-13-01	835142-13-01			
	UNITS	MW16-2	MW21-20	MW21-29	DUP01-070521	TRIP BLANK	RDL	MDL	QC Batch
Calculated Parameters									
1,3-Dichloropropene (cis+trans)	ug/L	<0.50	<0.50	<0.50	<0.50	<0.50	0.50	0.50	7445693
Volatile Organics									
Acetone (2-Propanone)	ug/L	<10	<10	<10	<10	<10	10	1.0	7448879
Benzene	ug/L	<0.20	<0.20	<0.20	<0.20	<0.20	0.20	0.020	7448879
Bromodichloromethane	ug/L	<0.50	<0.50	<0.50	<0.50	<0.50	0.50	0.050	7448879
Bromoform	ug/L	<1.0	<1.0	<1.0	<1.0	<1.0	1.0	0.10	7448879
Bromomethane	ug/L	<0.50	<0.50	<0.50	<0.50	<0.50	0.50	0.10	7448879
Carbon Tetrachloride	ug/L	<0.19	<0.19	<0.19	<0.19	<0.19	0.19	0.050	7448879
Chlorobenzene	ug/L	<0.20	<0.20	<0.20	<0.20	<0.20	0.20	0.010	7448879
Chloroform	ug/L	0.34	<0.20	<0.20	<0.20	<0.20	0.20	0.050	7448879
Dibromochloromethane	ug/L	<0.50	<0.50	<0.50	<0.50	<0.50	0.50	0.050	7448879
1,2-Dichlorobenzene	ug/L	<0.40	<0.40	<0.40	<0.40	<0.40	0.40	0.050	7448879
1,3-Dichlorobenzene	ug/L	<0.40	<0.40	<0.40	<0.40	<0.40	0.40	0.050	7448879
1,4-Dichlorobenzene	ug/L	<0.40	<0.40	<0.40	<0.40	<0.40	0.40	0.050	7448879
Dichlorodifluoromethane (FREON 12)	ug/L	<1.0	<1.0	<1.0	<1.0	<1.0	1.0	0.050	7448879
1,1-Dichloroethane	ug/L	<0.20	<0.20	<0.20	<0.20	<0.20	0.20	0.050	7448879
1,2-Dichloroethane	ug/L	<0.49	<0.49	<0.49	<0.49	<0.49	0.49	0.020	7448879
1,1-Dichloroethylene	ug/L	<0.20	<0.20	<0.20	<0.20	<0.20	0.20	0.050	7448879
cis-1,2-Dichloroethylene	ug/L	<0.50	<0.50	5.4	5.7	<0.50	0.50	0.050	7448879
trans-1,2-Dichloroethylene	ug/L	<0.50	<0.50	<0.50	<0.50	<0.50	0.50	0.050	7448879
1,2-Dichloropropane	ug/L	<0.20	<0.20	<0.20	<0.20	<0.20	0.20	0.050	7448879
cis-1,3-Dichloropropene	ug/L	<0.30	<0.30	<0.30	<0.30	<0.30	0.30	0.050	7448879
trans-1,3-Dichloropropene	ug/L	<0.40	<0.40	<0.40	<0.40	<0.40	0.40	0.050	7448879
Ethylbenzene	ug/L	<0.20	<0.20	<0.20	<0.20	<0.20	0.20	0.010	7448879
Ethylene Dibromide	ug/L	<0.19	<0.19	<0.19	<0.19	<0.19	0.19	0.050	7448879
Hexane	ug/L	<1.0	<1.0	<1.0	<1.0	<1.0	1.0	0.10	7448879
Methylene Chloride(Dichloromethane)	ug/L	<2.0	<2.0	<2.0	<2.0	<2.0	2.0	0.10	7448879
Methyl Ethyl Ketone (2-Butanone)	ug/L	<10	<10	<10	<10	<10	10	0.50	7448879
Methyl Isobutyl Ketone	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	5.0	0.10	7448879
Methyl t-butyl ether (MTBE)	ug/L	<0.50	<0.50	<0.50	<0.50	<0.50	0.50	0.050	7448879
Styrene	ug/L	<0.40	<0.40	<0.40	<0.40	<0.40	0.40	0.050	7448879
RDL = Reportable Detection Limit									
QC Batch = Quality Control Batch									



BV Labs Job #: C1I5211
Report Date: 2021/07/12

Pinchin Ltd
Client Project #: 294348
Site Location: 1250 SOUTH SERVICE ROAD
Sampler Initials: JP

O.REG 153 VOCs BY HS (WATER)

BV Labs ID		PZZ268	PZZ270	PZZ271	PZZ272	PZZ274			
Sampling Date		2021/07/02 19:15	2021/07/05 14:00	2021/07/05 10:20	2021/07/05	2021/07/05			
COC Number		835142-13-01	835142-13-01	835142-13-01	835142-13-01	835142-13-01			
	UNITS	MW16-2	MW21-20	MW21-29	DUP01-070521	TRIP BLANK	RDL	MDL	QC Batch
1,1,1,2-Tetrachloroethane	ug/L	<0.50	<0.50	<0.50	<0.50	<0.50	0.50	0.050	7448879
1,1,2,2-Tetrachloroethane	ug/L	<0.40	<0.40	<0.40	<0.40	<0.40	0.40	0.050	7448879
Tetrachloroethylene	ug/L	<0.20	<0.20	<0.20	<0.20	<0.20	0.20	0.050	7448879
Toluene	ug/L	<0.20	<0.20	<0.20	<0.20	<0.20	0.20	0.010	7448879
1,1,1-Trichloroethane	ug/L	<0.20	<0.20	<0.20	<0.20	<0.20	0.20	0.050	7448879
1,1,2-Trichloroethane	ug/L	<0.40	<0.40	<0.40	<0.40	<0.40	0.40	0.050	7448879
Trichloroethylene	ug/L	<0.20	<0.20	0.45	0.48	<0.20	0.20	0.050	7448879
Trichlorofluoromethane (FREON 11)	ug/L	<0.50	<0.50	<0.50	<0.50	<0.50	0.50	0.10	7448879
Vinyl Chloride	ug/L	<0.20	<0.20	2.1	2.2	<0.20	0.20	0.050	7448879
p+m-Xylene	ug/L	<0.20	<0.20	<0.20	<0.20	<0.20	0.20	0.010	7448879
o-Xylene	ug/L	<0.20	<0.20	<0.20	<0.20	<0.20	0.20	0.010	7448879
Total Xylenes	ug/L	<0.20	<0.20	<0.20	<0.20	<0.20	0.20	0.010	7448879
Surrogate Recovery (%)									
4-Bromofluorobenzene	%	99	100	101	98	99			7448879
D4-1,2-Dichloroethane	%	104	105	108	106	105			7448879
D8-Toluene	%	96	96	95	95	95			7448879
RDL = Reportable Detection Limit									
QC Batch = Quality Control Batch									



BV Labs Job #: C1I5211
Report Date: 2021/07/12

Pinchin Ltd
Client Project #: 294348
Site Location: 1250 SOUTH SERVICE ROAD
Sampler Initials: JP

TEST SUMMARY

BV Labs ID: PZZ267
Sample ID: MW14-3
Matrix: Water

Collected: 2021/07/02
Shipped:
Received: 2021/07/06

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
1,3-Dichloropropene Sum	CALC	7445693	N/A	2021/07/09	Automated Statchk
Volatile Organic Compounds in Water	GC/MS	7448879	N/A	2021/07/08	Manpreet Sarao

BV Labs ID: PZZ267 Dup
Sample ID: MW14-3
Matrix: Water

Collected: 2021/07/02
Shipped:
Received: 2021/07/06

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Volatile Organic Compounds in Water	GC/MS	7448879	N/A	2021/07/08	Manpreet Sarao

BV Labs ID: PZZ268
Sample ID: MW16-2
Matrix: Water

Collected: 2021/07/02
Shipped:
Received: 2021/07/06

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
1,3-Dichloropropene Sum	CALC	7445693	N/A	2021/07/09	Automated Statchk
Volatile Organic Compounds in Water	GC/MS	7448879	N/A	2021/07/08	Manpreet Sarao

BV Labs ID: PZZ269
Sample ID: MW21-11
Matrix: Water

Collected: 2021/07/05
Shipped:
Received: 2021/07/06

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Methylnaphthalene Sum	CALC	7445784	N/A	2021/07/12	Automated Statchk
1,3-Dichloropropene Sum	CALC	7445693	N/A	2021/07/09	Automated Statchk
Chromium (VI) in Water	IC	7447824	N/A	2021/07/08	Lang Le
Free (WAD) Cyanide	SKAL/CN	7451391	N/A	2021/07/08	Aditiben Patel
Petroleum Hydrocarbons F2-F4 in Water	GC/FID	7453179	2021/07/09	2021/07/10	(Kent) Maolin Li
Mercury	CV/AA	7451449	2021/07/08	2021/07/08	Gagandeep Rai
Dissolved Metals by ICPMS	ICP/MS	7450757	N/A	2021/07/08	Prempal Bhatti
PAH Compounds in Water by GC/MS (SIM)	GC/MS	7453180	2021/07/09	2021/07/09	Mitesh Raj
Volatile Organic Compounds and F1 PHCs	GC/MSFD	7448836	N/A	2021/07/08	Anna Gabrielyan

BV Labs ID: PZZ269 Dup
Sample ID: MW21-11
Matrix: Water

Collected: 2021/07/05
Shipped:
Received: 2021/07/06

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Volatile Organic Compounds and F1 PHCs	GC/MSFD	7448836	N/A	2021/07/08	Anna Gabrielyan



BV Labs Job #: C1I5211
Report Date: 2021/07/12

Pinchin Ltd
Client Project #: 294348
Site Location: 1250 SOUTH SERVICE ROAD
Sampler Initials: JP

TEST SUMMARY

BV Labs ID: PZZ270
Sample ID: MW21-20
Matrix: Water

Collected: 2021/07/05
Shipped:
Received: 2021/07/06

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
1,3-Dichloropropene Sum	CALC	7445693	N/A	2021/07/09	Automated Statchk
Chloride by Automated Colourimetry	KONE	7451499	N/A	2021/07/08	Avneet Kour Sudan
Dissolved Metals by ICPMS	ICP/MS	7450757	N/A	2021/07/08	Prempal Bhatti
Volatile Organic Compounds in Water	GC/MS	7448879	N/A	2021/07/08	Manpreet Sarao

BV Labs ID: PZZ271
Sample ID: MW21-29
Matrix: Water

Collected: 2021/07/05
Shipped:
Received: 2021/07/06

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
1,3-Dichloropropene Sum	CALC	7445693	N/A	2021/07/09	Automated Statchk
Volatile Organic Compounds in Water	GC/MS	7448879	N/A	2021/07/08	Manpreet Sarao

BV Labs ID: PZZ272
Sample ID: DUP01-070521
Matrix: Water

Collected: 2021/07/05
Shipped:
Received: 2021/07/06

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
1,3-Dichloropropene Sum	CALC	7445693	N/A	2021/07/09	Automated Statchk
Volatile Organic Compounds in Water	GC/MS	7448879	N/A	2021/07/08	Manpreet Sarao

BV Labs ID: PZZ274
Sample ID: TRIP BLANK
Matrix: Water

Collected: 2021/07/05
Shipped:
Received: 2021/07/06

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
1,3-Dichloropropene Sum	CALC	7445693	N/A	2021/07/09	Automated Statchk
Volatile Organic Compounds in Water	GC/MS	7448879	N/A	2021/07/08	Manpreet Sarao

BV Labs ID: PZZ366
Sample ID: DUP02-070521
Matrix: Water

Collected: 2021/07/02
Shipped:
Received: 2021/07/06

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Methylnaphthalene Sum	CALC	7445784	N/A	2021/07/12	Automated Statchk
1,3-Dichloropropene Sum	CALC	7445693	N/A	2021/07/09	Automated Statchk
Chromium (VI) in Water	IC	7447824	N/A	2021/07/08	Lang Le
Free (WAD) Cyanide	SKAL/CN	7451391	N/A	2021/07/08	Aditiben Patel
Petroleum Hydrocarbons F2-F4 in Water	GC/FID	7453179	2021/07/09	2021/07/10	(Kent) Maolin Li
Mercury	CV/AA	7451449	2021/07/08	2021/07/08	Gagandeep Rai
Dissolved Metals by ICPMS	ICP/MS	7450757	N/A	2021/07/08	Prempal Bhatti
PAH Compounds in Water by GC/MS (SIM)	GC/MS	7453180	2021/07/09	2021/07/10	Mitesh Raj
Volatile Organic Compounds and F1 PHCs	GC/MSFD	7448836	N/A	2021/07/08	Anna Gabrielyan



GENERAL COMMENTS

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

Package 1	3.3°C
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Cooler custody seal was present and intact.

All 40 ml vials for F1BTX and VOC analyses contained visible sediment.

All 100 ml amber glass bottles for F2-F4 and PAH analyses contained visible sediment, which was included in the extraction.

All 250mL plastic General bottles contained visible sediment.

All 125mL plastic bottles for chromium VI and cyanide analyses contained visible sediment.

All 120mL plastic bottle for dissolved metals analysis contained visible sediment.

All 100mL clear glass bottles for mercury analysis contained visible sediment.

Sample PZZ269 [MW21-11] : Metals Analysis: Due to the sample matrix, the sample required dilution. Detection limits were adjusted accordingly.
Hexavalent Chromium: Due to the sample matrix, sample required dilution. Detection limits were adjusted accordingly.

Sample PZZ270 [MW21-20] : Metals Analysis: Due to the sample matrix, the sample required dilution. Detection limits were adjusted accordingly.

Sample PZZ366 [DUP02-070521] : Metals Analysis: Due to the sample matrix, the sample required dilution. Detection limits were adjusted accordingly.

Hexavalent Chromium: Due to the sample matrix, sample required dilution. Detection limits were adjusted accordingly.

Results relate only to the items tested.

BUREAU
VERITAS

BV Labs Job #: C1I5211

Report Date: 2021/07/12

QUALITY ASSURANCE REPORT

Pinchin Ltd

Client Project #: 294348

Site Location: 1250 SOUTH SERVICE ROAD

Sampler Initials: JP

QC Batch	Parameter	Date	Matrix Spike		SPIKED BLANK		Method Blank		RPD	
			% Recovery	QC Limits	% Recovery	QC Limits	Value	UNITS	Value (%)	QC Limits
7448836	4-Bromofluorobenzene	2021/07/08	103	70 - 130	103	70 - 130	86	%		
7448836	D4-1,2-Dichloroethane	2021/07/08	102	70 - 130	103	70 - 130	99	%		
7448836	D8-Toluene	2021/07/08	101	70 - 130	100	70 - 130	105	%		
7448879	4-Bromofluorobenzene	2021/07/08	99	70 - 130	101	70 - 130	100	%		
7448879	D4-1,2-Dichloroethane	2021/07/08	103	70 - 130	99	70 - 130	103	%		
7448879	D8-Toluene	2021/07/08	98	70 - 130	101	70 - 130	96	%		
7453179	o-Terphenyl	2021/07/10	100	60 - 130	99	60 - 130	95	%		
7453180	D10-Anthracene	2021/07/09	112	50 - 130	98	50 - 130	114	%		
7453180	D14-Terphenyl (FS)	2021/07/09	128	50 - 130	112	50 - 130	129	%		
7453180	D8-Acenaphthylene	2021/07/09	108	50 - 130	92	50 - 130	106	%		
7447824	Chromium (VI)	2021/07/08	101	80 - 120	104	80 - 120	<0.50	ug/L	NC	20
7448836	1,1,1,2-Tetrachloroethane	2021/07/08	93	70 - 130	92	70 - 130	<0.50	ug/L	NC	30
7448836	1,1,1-Trichloroethane	2021/07/08	96	70 - 130	97	70 - 130	<0.20	ug/L	NC	30
7448836	1,1,2,2-Tetrachloroethane	2021/07/08	92	70 - 130	91	70 - 130	<0.50	ug/L	NC	30
7448836	1,1,2-Trichloroethane	2021/07/08	97	70 - 130	95	70 - 130	<0.50	ug/L	NC	30
7448836	1,1-Dichloroethane	2021/07/08	91	70 - 130	91	70 - 130	<0.20	ug/L	NC	30
7448836	1,1-Dichloroethylene	2021/07/08	95	70 - 130	96	70 - 130	<0.20	ug/L	NC	30
7448836	1,2-Dichlorobenzene	2021/07/08	92	70 - 130	93	70 - 130	<0.50	ug/L	NC	30
7448836	1,2-Dichloroethane	2021/07/08	90	70 - 130	90	70 - 130	<0.50	ug/L	NC	30
7448836	1,2-Dichloropropane	2021/07/08	97	70 - 130	97	70 - 130	<0.20	ug/L	NC	30
7448836	1,3-Dichlorobenzene	2021/07/08	97	70 - 130	100	70 - 130	<0.50	ug/L	NC	30
7448836	1,4-Dichlorobenzene	2021/07/08	95	70 - 130	99	70 - 130	<0.50	ug/L	NC	30
7448836	Acetone (2-Propanone)	2021/07/08	97	60 - 140	96	60 - 140	<10	ug/L	NC	30
7448836	Benzene	2021/07/08	87	70 - 130	87	70 - 130	<0.20	ug/L	NC	30
7448836	Bromodichloromethane	2021/07/08	92	70 - 130	93	70 - 130	<0.50	ug/L	NC	30
7448836	Bromoform	2021/07/08	93	70 - 130	92	70 - 130	<1.0	ug/L	NC	30
7448836	Bromomethane	2021/07/08	90	60 - 140	94	60 - 140	<0.50	ug/L	NC	30
7448836	Carbon Tetrachloride	2021/07/08	94	70 - 130	94	70 - 130	<0.20	ug/L	NC	30
7448836	Chlorobenzene	2021/07/08	95	70 - 130	95	70 - 130	<0.20	ug/L	NC	30
7448836	Chloroform	2021/07/08	95	70 - 130	95	70 - 130	<0.20	ug/L	NC	30
7448836	cis-1,2-Dichloroethylene	2021/07/08	95	70 - 130	95	70 - 130	<0.50	ug/L	NC	30

BUREAU
VERITAS

BV Labs Job #: C1I5211

Report Date: 2021/07/12

QUALITY ASSURANCE REPORT(CONT'D)

Pinchin Ltd

Client Project #: 294348

Site Location: 1250 SOUTH SERVICE ROAD

Sampler Initials: JP

QC Batch	Parameter	Date	Matrix Spike		SPIKED BLANK		Method Blank		RPD	
			% Recovery	QC Limits	% Recovery	QC Limits	Value	UNITS	Value (%)	QC Limits
7448836	cis-1,3-Dichloropropene	2021/07/08	92	70 - 130	87	70 - 130	<0.30	ug/L	NC	30
7448836	Dibromochloromethane	2021/07/08	91	70 - 130	90	70 - 130	<0.50	ug/L	NC	30
7448836	Dichlorodifluoromethane (FREON 12)	2021/07/08	92	60 - 140	93	60 - 140	<1.0	ug/L	NC	30
7448836	Ethylbenzene	2021/07/08	88	70 - 130	88	70 - 130	<0.20	ug/L	NC	30
7448836	Ethylene Dibromide	2021/07/08	93	70 - 130	92	70 - 130	<0.20	ug/L	NC	30
7448836	F1 (C6-C10) - BTEX	2021/07/08					<25	ug/L	NC	30
7448836	F1 (C6-C10)	2021/07/08	106	60 - 140	102	60 - 140	<25	ug/L	NC	30
7448836	Hexane	2021/07/08	96	70 - 130	97	70 - 130	<1.0	ug/L	NC	30
7448836	Methyl Ethyl Ketone (2-Butanone)	2021/07/08	102	60 - 140	102	60 - 140	<10	ug/L	NC	30
7448836	Methyl Isobutyl Ketone	2021/07/08	88	70 - 130	90	70 - 130	<5.0	ug/L	NC	30
7448836	Methyl t-butyl ether (MTBE)	2021/07/08	90	70 - 130	90	70 - 130	<0.50	ug/L	NC	30
7448836	Methylene Chloride(Dichloromethane)	2021/07/08	94	70 - 130	94	70 - 130	<2.0	ug/L	NC	30
7448836	o-Xylene	2021/07/08	90	70 - 130	90	70 - 130	<0.20	ug/L	NC	30
7448836	p+m-Xylene	2021/07/08	93	70 - 130	93	70 - 130	<0.20	ug/L	NC	30
7448836	Styrene	2021/07/08	100	70 - 130	101	70 - 130	<0.50	ug/L	NC	30
7448836	Tetrachloroethylene	2021/07/08	89	70 - 130	88	70 - 130	<0.20	ug/L	0.81	30
7448836	Toluene	2021/07/08	88	70 - 130	87	70 - 130	<0.20	ug/L	NC	30
7448836	Total Xylenes	2021/07/08					<0.20	ug/L	NC	30
7448836	trans-1,2-Dichloroethylene	2021/07/08	92	70 - 130	93	70 - 130	<0.50	ug/L	NC	30
7448836	trans-1,3-Dichloropropene	2021/07/08	98	70 - 130	89	70 - 130	<0.40	ug/L	NC	30
7448836	Trichloroethylene	2021/07/08	98	70 - 130	99	70 - 130	<0.20	ug/L	NC	30
7448836	Trichlorofluoromethane (FREON 11)	2021/07/08	96	70 - 130	97	70 - 130	<0.50	ug/L	NC	30
7448836	Vinyl Chloride	2021/07/08	94	70 - 130	94	70 - 130	<0.20	ug/L	NC	30
7448879	1,1,1,2-Tetrachloroethane	2021/07/08	95	70 - 130	97	70 - 130	<0.50	ug/L	NC	30
7448879	1,1,1-Trichloroethane	2021/07/08	95	70 - 130	98	70 - 130	<0.20	ug/L	NC	30
7448879	1,1,2,2-Tetrachloroethane	2021/07/08	94	70 - 130	92	70 - 130	<0.40	ug/L	NC	30
7448879	1,1,2-Trichloroethane	2021/07/08	95	70 - 130	94	70 - 130	<0.40	ug/L	NC	30
7448879	1,1-Dichloroethane	2021/07/08	91	70 - 130	91	70 - 130	<0.20	ug/L	NC	30
7448879	1,1-Dichloroethylene	2021/07/08	92	70 - 130	94	70 - 130	<0.20	ug/L	NC	30
7448879	1,2-Dichlorobenzene	2021/07/08	93	70 - 130	94	70 - 130	<0.40	ug/L	NC	30
7448879	1,2-Dichloroethane	2021/07/08	91	70 - 130	91	70 - 130	<0.49	ug/L	NC	30

BUREAU
VERITAS

BV Labs Job #: C1I5211

Report Date: 2021/07/12

QUALITY ASSURANCE REPORT(CONT'D)

Pinchin Ltd

Client Project #: 294348

Site Location: 1250 SOUTH SERVICE ROAD

Sampler Initials: JP

QC Batch	Parameter	Date	Matrix Spike		SPIKED BLANK		Method Blank		RPD	
			% Recovery	QC Limits	% Recovery	QC Limits	Value	UNITS	Value (%)	QC Limits
7448879	1,2-Dichloropropane	2021/07/08	91	70 - 130	93	70 - 130	<0.20	ug/L	NC	30
7448879	1,3-Dichlorobenzene	2021/07/08	92	70 - 130	94	70 - 130	<0.40	ug/L	NC	30
7448879	1,4-Dichlorobenzene	2021/07/08	106	70 - 130	108	70 - 130	<0.40	ug/L	NC	30
7448879	Acetone (2-Propanone)	2021/07/08	103	60 - 140	101	60 - 140	<10	ug/L	NC	30
7448879	Benzene	2021/07/08	87	70 - 130	89	70 - 130	<0.20	ug/L	NC	30
7448879	Bromodichloromethane	2021/07/08	95	70 - 130	96	70 - 130	<0.50	ug/L	NC	30
7448879	Bromoform	2021/07/08	95	70 - 130	95	70 - 130	<1.0	ug/L	NC	30
7448879	Bromomethane	2021/07/08	92	60 - 140	89	60 - 140	<0.50	ug/L	NC	30
7448879	Carbon Tetrachloride	2021/07/08	92	70 - 130	96	70 - 130	<0.19	ug/L	NC	30
7448879	Chlorobenzene	2021/07/08	94	70 - 130	97	70 - 130	<0.20	ug/L	NC	30
7448879	Chloroform	2021/07/08	93	70 - 130	94	70 - 130	<0.20	ug/L	NC	30
7448879	cis-1,2-Dichloroethylene	2021/07/08	98	70 - 130	97	70 - 130	<0.50	ug/L	NC	30
7448879	cis-1,3-Dichloropropene	2021/07/08	101	70 - 130	86	70 - 130	<0.30	ug/L	NC	30
7448879	Dibromochloromethane	2021/07/08	91	70 - 130	93	70 - 130	<0.50	ug/L	NC	30
7448879	Dichlorodifluoromethane (FREON 12)	2021/07/08	91	60 - 140	93	60 - 140	<1.0	ug/L	NC	30
7448879	Ethylbenzene	2021/07/08	89	70 - 130	93	70 - 130	<0.20	ug/L	NC	30
7448879	Ethylene Dibromide	2021/07/08	92	70 - 130	92	70 - 130	<0.19	ug/L	NC	30
7448879	Hexane	2021/07/08	96	70 - 130	96	70 - 130	<1.0	ug/L	NC	30
7448879	Methyl Ethyl Ketone (2-Butanone)	2021/07/08	110	60 - 140	106	60 - 140	<10	ug/L	NC	30
7448879	Methyl Isobutyl Ketone	2021/07/08	107	70 - 130	103	70 - 130	<5.0	ug/L	NC	30
7448879	Methyl t-butyl ether (MTBE)	2021/07/08	89	70 - 130	90	70 - 130	<0.50	ug/L	NC	30
7448879	Methylene Chloride(Dichloromethane)	2021/07/08	111	70 - 130	109	70 - 130	<2.0	ug/L	NC	30
7448879	o-Xylene	2021/07/08	86	70 - 130	91	70 - 130	<0.20	ug/L	NC	30
7448879	p+m-Xylene	2021/07/08	94	70 - 130	98	70 - 130	<0.20	ug/L	NC	30
7448879	Styrene	2021/07/08	98	70 - 130	102	70 - 130	<0.40	ug/L	NC	30
7448879	Tetrachloroethylene	2021/07/08	85	70 - 130	89	70 - 130	<0.20	ug/L	NC	30
7448879	Toluene	2021/07/08	88	70 - 130	91	70 - 130	<0.20	ug/L	NC	30
7448879	Total Xylenes	2021/07/08					<0.20	ug/L	NC	30
7448879	trans-1,2-Dichloroethylene	2021/07/08	95	70 - 130	96	70 - 130	<0.50	ug/L	NC	30
7448879	trans-1,3-Dichloropropene	2021/07/08	109	70 - 130	90	70 - 130	<0.40	ug/L	NC	30
7448879	Trichloroethylene	2021/07/08	96	70 - 130	100	70 - 130	<0.20	ug/L	NC	30



BV Labs Job #: C1I5211
Report Date: 2021/07/12

QUALITY ASSURANCE REPORT(CONT'D)

Pinchin Ltd
Client Project #: 294348
Site Location: 1250 SOUTH SERVICE ROAD
Sampler Initials: JP

QC Batch	Parameter	Date	Matrix Spike		SPIKED BLANK		Method Blank		RPD	
			% Recovery	QC Limits	% Recovery	QC Limits	Value	UNITS	Value (%)	QC Limits
7448879	Trichlorofluoromethane (FREON 11)	2021/07/08	91	70 - 130	94	70 - 130	<0.50	ug/L	NC	30
7448879	Vinyl Chloride	2021/07/08	93	70 - 130	94	70 - 130	<0.20	ug/L	NC	30
7450757	Dissolved Antimony (Sb)	2021/07/08	109	80 - 120	100	80 - 120	<0.50	ug/L	NC	20
7450757	Dissolved Arsenic (As)	2021/07/08	105	80 - 120	97	80 - 120	<1.0	ug/L	NC	20
7450757	Dissolved Barium (Ba)	2021/07/08	NC	80 - 120	100	80 - 120	<2.0	ug/L	1.7	20
7450757	Dissolved Beryllium (Be)	2021/07/08	108	80 - 120	100	80 - 120	<0.40	ug/L	NC	20
7450757	Dissolved Boron (B)	2021/07/08	101	80 - 120	92	80 - 120	<10	ug/L	0.050	20
7450757	Dissolved Cadmium (Cd)	2021/07/08	102	80 - 120	99	80 - 120	<0.090	ug/L	4.3	20
7450757	Dissolved Chromium (Cr)	2021/07/08	106	80 - 120	95	80 - 120	<5.0	ug/L	NC	20
7450757	Dissolved Cobalt (Co)	2021/07/08	105	80 - 120	99	80 - 120	<0.50	ug/L	NC	20
7450757	Dissolved Copper (Cu)	2021/07/08	110	80 - 120	100	80 - 120	<0.90	ug/L	6.7	20
7450757	Dissolved Lead (Pb)	2021/07/08	97	80 - 120	96	80 - 120	<0.50	ug/L	NC	20
7450757	Dissolved Molybdenum (Mo)	2021/07/08	113	80 - 120	98	80 - 120	<0.50	ug/L	2.8	20
7450757	Dissolved Nickel (Ni)	2021/07/08	100	80 - 120	96	80 - 120	<1.0	ug/L	5.3	20
7450757	Dissolved Selenium (Se)	2021/07/08	102	80 - 120	97	80 - 120	<2.0	ug/L	NC	20
7450757	Dissolved Silver (Ag)	2021/07/08	97	80 - 120	98	80 - 120	<0.090	ug/L	NC	20
7450757	Dissolved Sodium (Na)	2021/07/08	NC	80 - 120	100	80 - 120	<100	ug/L	1.6	20
7450757	Dissolved Thallium (Tl)	2021/07/08	97	80 - 120	100	80 - 120	<0.050	ug/L	NC	20
7450757	Dissolved Uranium (U)	2021/07/08	101	80 - 120	97	80 - 120	<0.10	ug/L	3.8	20
7450757	Dissolved Vanadium (V)	2021/07/08	111	80 - 120	97	80 - 120	<0.50	ug/L	0.44	20
7450757	Dissolved Zinc (Zn)	2021/07/08	96	80 - 120	96	80 - 120	<5.0	ug/L	NC	20
7451391	WAD Cyanide (Free)	2021/07/08	102	80 - 120	103	80 - 120	<1	ug/L	NC	20
7451449	Mercury (Hg)	2021/07/08	96	75 - 125	98	80 - 120	<0.10	ug/L	NC	20
7451499	Dissolved Chloride (Cl-)	2021/07/08	NC	80 - 120	104	80 - 120	<1.0	mg/L	3.6	20
7453179	F2 (C10-C16 Hydrocarbons)	2021/07/10	110	60 - 130	108	60 - 130	<100	ug/L	NC	30
7453179	F3 (C16-C34 Hydrocarbons)	2021/07/10	111	60 - 130	110	60 - 130	<200	ug/L	NC	30
7453179	F4 (C34-C50 Hydrocarbons)	2021/07/10	110	60 - 130	107	60 - 130	<200	ug/L	NC	30
7453180	1-Methylnaphthalene	2021/07/09	85	50 - 130	78	50 - 130	<0.050	ug/L	NC	30
7453180	2-Methylnaphthalene	2021/07/09	84	50 - 130	75	50 - 130	<0.050	ug/L	NC	30
7453180	Acenaphthene	2021/07/09	87	50 - 130	82	50 - 130	<0.050	ug/L	NC	30
7453180	Acenaphthylene	2021/07/09	83	50 - 130	78	50 - 130	<0.050	ug/L		

BUREAU
VERITAS

BV Labs Job #: C1I5211

Report Date: 2021/07/12

QUALITY ASSURANCE REPORT(CONT'D)

Pinchin Ltd

Client Project #: 294348

Site Location: 1250 SOUTH SERVICE ROAD

Sampler Initials: JP

QC Batch	Parameter	Date	Matrix Spike		SPIKED BLANK		Method Blank		RPD	
			% Recovery	QC Limits	% Recovery	QC Limits	Value	UNITS	Value (%)	QC Limits
7453180	Anthracene	2021/07/09	89	50 - 130	84	50 - 130	<0.050	ug/L	NC	30
7453180	Benzo(a)anthracene	2021/07/09	98	50 - 130	93	50 - 130	<0.050	ug/L		
7453180	Benzo(a)pyrene	2021/07/09	86	50 - 130	82	50 - 130	<0.0090	ug/L		
7453180	Benzo(b/j)fluoranthene	2021/07/09	91	50 - 130	92	50 - 130	<0.050	ug/L		
7453180	Benzo(g,h,i)perylene	2021/07/09	89	50 - 130	87	50 - 130	<0.050	ug/L		
7453180	Benzo(k)fluoranthene	2021/07/09	95	50 - 130	92	50 - 130	<0.050	ug/L		
7453180	Chrysene	2021/07/09	91	50 - 130	89	50 - 130	<0.050	ug/L		
7453180	Dibenzo(a,h)anthracene	2021/07/09	94	50 - 130	89	50 - 130	<0.050	ug/L		
7453180	Fluoranthene	2021/07/09	107	50 - 130	103	50 - 130	<0.050	ug/L		
7453180	Fluorene	2021/07/09	98	50 - 130	93	50 - 130	<0.050	ug/L		
7453180	Indeno(1,2,3-cd)pyrene	2021/07/09	114	50 - 130	91	50 - 130	<0.050	ug/L		
7453180	Naphthalene	2021/07/09	72	50 - 130	68	50 - 130	<0.050	ug/L	NC	30
7453180	Phenanthrene	2021/07/09	89	50 - 130	85	50 - 130	<0.030	ug/L	19	30
7453180	Pyrene	2021/07/09	102	50 - 130	97	50 - 130	<0.050	ug/L		

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

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

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

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

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

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

NC (Duplicate RPD): The duplicate RPD was not calculated. The concentration in the sample and/or duplicate was too low to permit a reliable RPD calculation (absolute difference $\leq 2 \times \text{RDL}$).



FUNDAMENTAL LABORATORY ACCEPTANCE GUIDELINE

Invoice To:

Pinchin Ltd
ATTN: Accounts Payable
2470 Milltower Crt
Mississauga, ON
CANADA L5N 7W5
Client Contact:
Robert MacKenzie

BV Labs Job #:	C1I5211
Date Received:	2021/07/06
Your C.O.C. #:	835142-13-01
Your Project #:	294348
BV Labs Project Manager:	Antonella Brasil
Quote #:	A70927
Site #:	1250 South Service Road

No discrepancies noted.

Report Comments

Received Date:	<u>2021/07/06</u>	Time:	<u>08:00</u>	By:	_____
Inspected Date:	_____	Time:	_____	By:	_____
FLAG Created Date:	_____	Time:	_____	By:	_____



BUREAU
VERITAS

BV Labs Job #: C1I5211

Report Date: 2021/07/12

Pinchin Ltd

Client Project #: 294348

Site Location: 1250 SOUTH SERVICE ROAD

Sampler Initials: JP

VALIDATION SIGNATURE PAGE

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

Ewa Pranjić, M.Sc., C.Chem, Scientific Specialist

BV Labs has procedures in place to guard against improper use of the electronic signature and have the required "signatories", as per ISO/IEC 17025, signing the reports. For Service Group specific validation please refer to the Validation Signature Page.



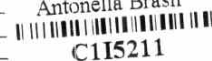
Bureau Veritas Laboratories
6740 Campbell Road, Mississauga, Ontario Canada L5N 2L8 Tel: (905) 817-5700 Toll-free 800-563-6266 Fax: (905) 817-5777 www.bvlabs.com

Page 1 of 1

C

06-Jul-21 08:00

Antonella Brasil



Order #: 835142

ENV-1403

Project Manager: Antonella Brasil

M2K



INVOICE TO:			REPORT TO:			PROJECT INFORMATION:		
Company Name: #3103 Pinchin Ltd			Company Name: Robert MacKenzie, Toby Atanville, Jenny Bask			Quotation #: A70927		
Attention: Accounts Payable			Attention: Andrew MacKenzie			P.O. #: 294348		
Address: 2470 Milltower Crt			Address: 1250 South Service Road			Project Name: 1250 South Service Road		
Mississauga ON L5N 7W5			Tel: (905) 363-0678			Site #: 1250 South Service Road		
Tel: (905) 363-0678			Fax: (905) 363-0681			Sampled By: JF		
Email: ap@pinchin.com			Email: rmacenzie@pinchin.com			C#835142-13-01		

MOE REGULATED DRINKING WATER OR WATER INTENDED FOR HUMAN CONSUMPTION MUST BE SUBMITTED ON THE BV LABS DRINKING WATER CHAIN OF CUSTODY					ANALYSIS REQUESTED (PLEASE BE SPECIFIC)										Turnaround Time (TAT) Required:						
Regulation 153 (2011) ☐ Table 1 ☐ Res/Park ☐ Medium/Fine ☐ Table 2 ☐ Ind/Comm ☐ Coarse ☐ Table 3 ☐ Agri/Other ☒ For RSC ☐ Table ☐ Other					Other Regulations ☐ CCME ☐ Sanitary Sewer Bylaw ☐ Reg 558 ☐ Storm Sewer Bylaw ☐ MISA ☐ Municipality ☐ PWQO ☐ Reg 405 Table ☐ Other					Special Instructions For RSC					Field Filtered (please circle): Metals / Hg / Cr VI O Reg 153 VOCs (Water) O Reg 153 PAHs O Reg 153 VOCs by HS & F1-F4 O Reg 153 Metals & Inorganics Pkg (Wt) Chloride by Automated Colourimetry O Reg 153 Dissolved ICPMS Metals (Sodium Only)					Regular (Standard) TAT: (will be applied if Rush TAT is not specified) Standard TAT = 5-7 Working days for most tests. Please note: Standard TAT for certain tests such as BOD and Dioxins/Furans are > 5 days - contact your Project Manager for details. ☒ Job Specific Rush TAT (if applies to entire submission) Date Required: Time Required: ☐ Rush Confirmation Number: (call lab for #)	
Include Criteria on Certificate of Analysis (Y/N)? ☒																					
Sample Barcode Label	Sample (Location) Identification	Date Sampled	Time Sampled	Matrix	Field Filtered	O Reg 153 VOCs (Water)	O Reg 153 PAHs	O Reg 153 VOCs by HS & F1-F4	O Reg 153 Metals & Inorganics Pkg (Wt)	Chloride by Automated Colourimetry	O Reg 153 Dissolved ICPMS Metals (Sodium Only)						# of Bottles	Comments			
1	MW14-3	2021/07/02	4:00pm	GW	X	✓										3					
2	MW16-2	2021/07/02	7:15pm	GW	X	✓										3					
3	MW21-11	2021/07/05	6:00pm	GW	Y		✓	✓	✓							10	NOT Analyze Sodium and Chloride parameters!				
4	MW21-20		2:00pm	GW	Y	✓				✓	✓					5					
5	MW21-29		10:20Am	GW	X	✓										3					
6	DUP01-070521	✓	-	GW	X	✓										3					
7	DUP02-070521	2021/07/05	-	GW	Y		✓	✓	✓							10	NOT Analyze Sodium and Chloride parameters!				
8	Tripp Blank	2021/07/02	-	GW	X	✓										2					
9																					
10																					

* RELINQUISHED BY: (Signature/Print)		Date: (YY/MM/DD)		Time		RECEIVED BY: (Signature/Print)		Date: (YY/MM/DD)		Time		# Jars used and not submitted		Laboratory Use Only			
[Signature]		21/07/05		8:00pm		[Signature]		21/07/06		08:00		0		Time Sensitive: 3/3/4 Temperature (°C) on Receipt: 3/3/4 Custody Seal: Present ☒ Intact ☒ White: BV Labs Yellow: Client			

* UNLESS OTHERWISE AGREED TO IN WRITING, WORK SUBMITTED ON THIS CHAIN OF CUSTODY IS SUBJECT TO BV LABS' STANDARD TERMS AND CONDITIONS. SIGNING OF THIS CHAIN OF CUSTODY DOCUMENT IS ACKNOWLEDGMENT AND ACCEPTANCE OF OUR TERMS WHICH ARE AVAILABLE FOR VIEWING AT WWW.BVLABS.COM/TERMS-AND-CONDITIONS.

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

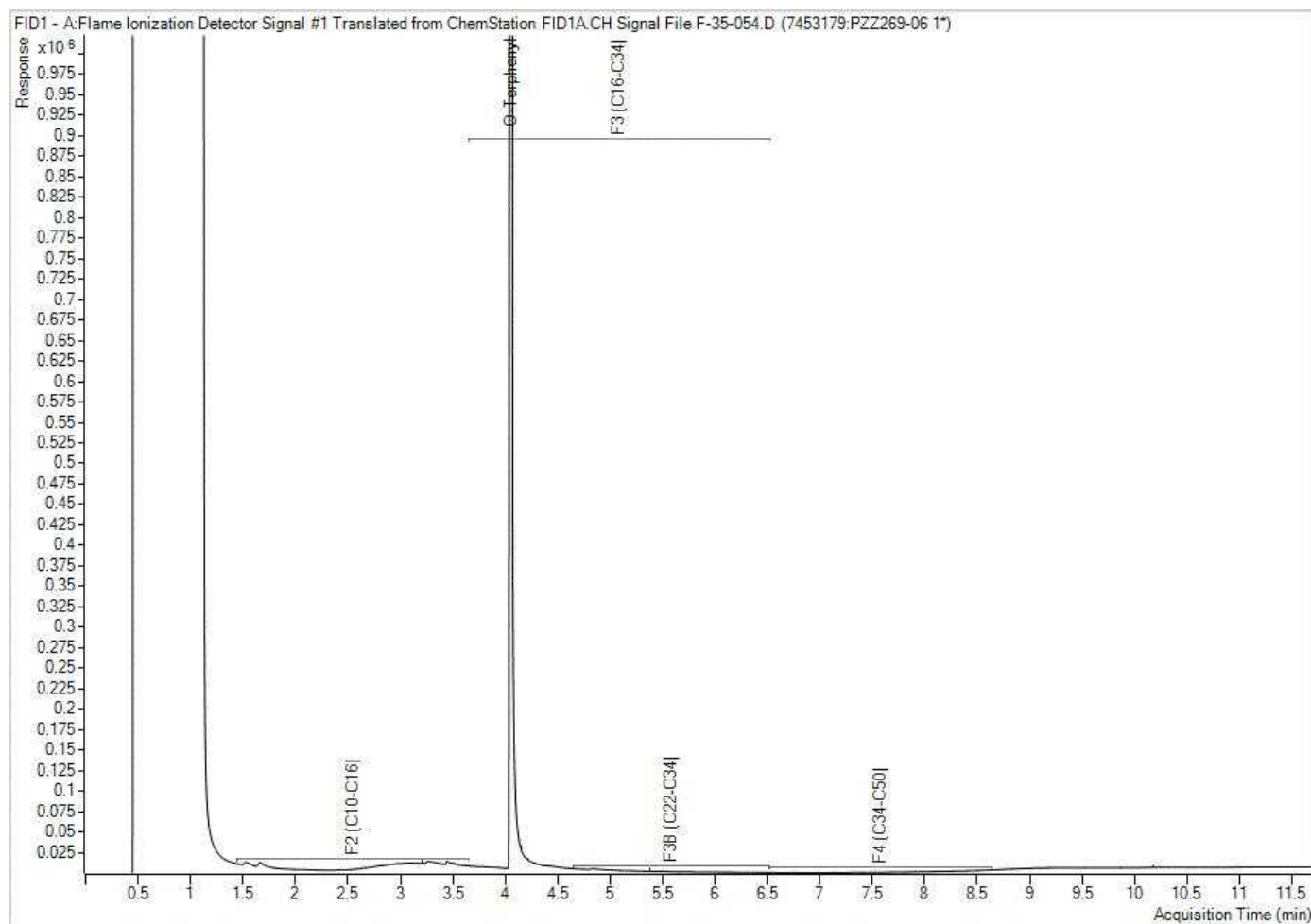
** SAMPLE CONTAINER, PRESERVATION, HOLD TIME AND PACKAGE INFORMATION CAN BE VIEWED AT WWW.BVLABS.COM/RESOURCES/CHAIN-OF-CUSTODY-FORMS.

SAMPLES MUST BE KEPT COOL (< 10° C) FROM TIME OF SAMPLING UNTIL DELIVERY TO BV LABS.

BV Labs Job #: C1I5211
Report Date: 2021/07/12
BV Labs Sample: PZZ269

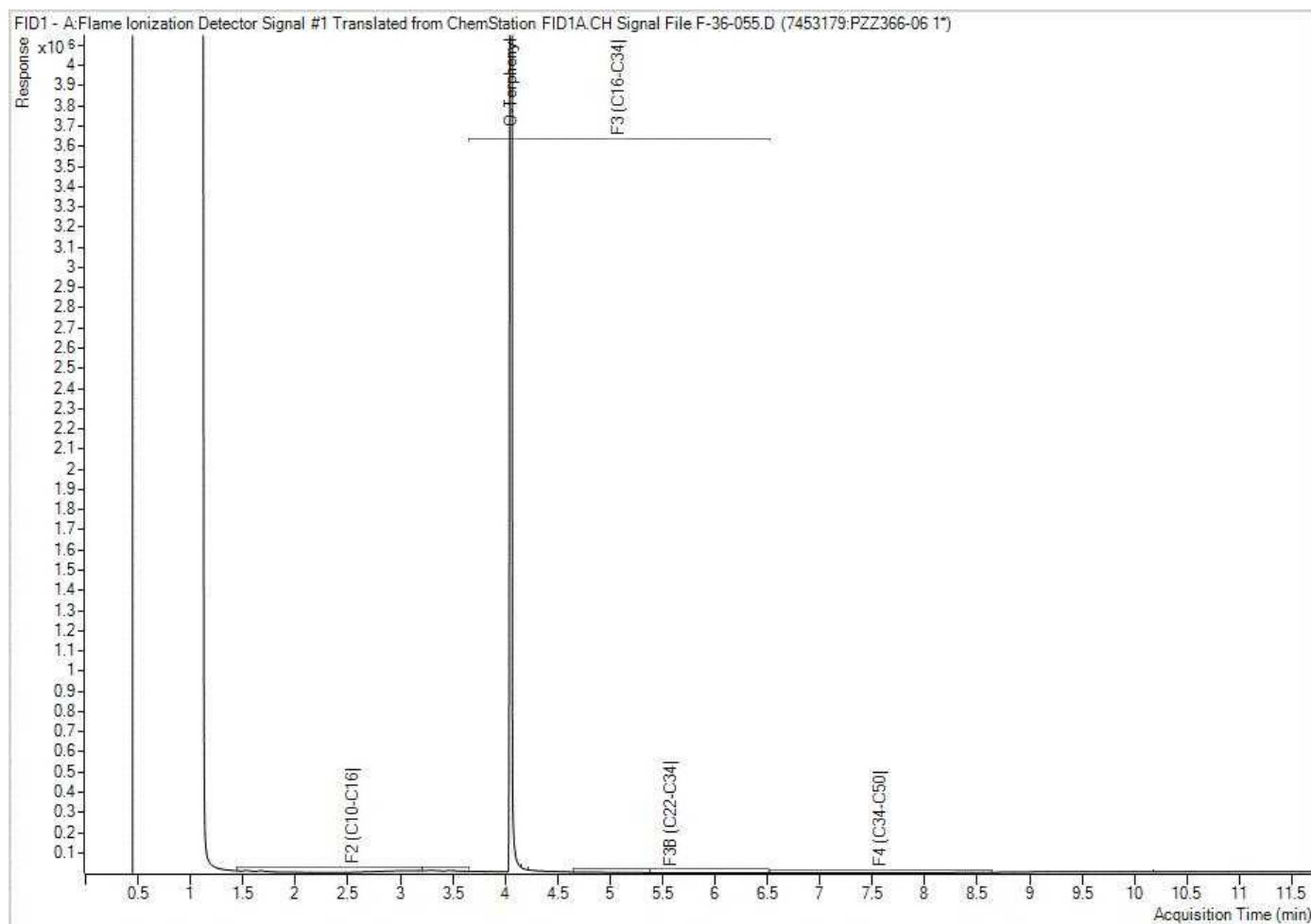
Pinchin Ltd
Client Project #: 294348
Project name: 1250 SOUTH SERVICE ROAD
Client ID: MW21-11

Petroleum Hydrocarbons F2-F4 in Water Chromatogram



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

Petroleum Hydrocarbons F2-F4 in Water Chromatogram



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



Your Project #: 294348
Your C.O.C. #: 824232-04-01

Attention: Toby Glanville

Pinchin Ltd
2470 Milltower Crt
Mississauga, ON
CANADA L5N 7W5

Report Date: 2021/07/13
Report #: R6717166
Version: 1 - Final

CERTIFICATE OF ANALYSIS

BV LABS JOB #: C118416

Received: 2021/07/08, 08:00

Sample Matrix: Ground Water
Samples Received: 5

Analyses	Date		Laboratory Method	Analytical Method
	Quantity	Extracted		
1,3-Dichloropropene Sum	1	N/A	2021/07/12	EPA 8260C m
1,3-Dichloropropene Sum	4	N/A	2021/07/13	EPA 8260C m
Volatile Organic Compounds in Water	5	N/A	2021/07/12 CAM SOP-00228	EPA 8260C m

Remarks:

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

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

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

Solid sample results, except biota, are based on dry weight unless otherwise indicated. Organic analyses are not recovery corrected except for isotope dilution methods.

Results relate to samples tested. When sampling is not conducted by Bureau Veritas, results relate to the supplied samples tested.

This Certificate shall not be reproduced except in full, without the written approval of the laboratory.

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

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



Your Project #: 294348
Your C.O.C. #: 824232-04-01

Attention: Toby Glanville

Pinchin Ltd
2470 Milltower Crt
Mississauga, ON
CANADA L5N 7W5

Report Date: 2021/07/13
Report #: R6717166
Version: 1 - Final

CERTIFICATE OF ANALYSIS

BV LABS JOB #: C118416

Received: 2021/07/08, 08:00

Encryption Key

Please direct all questions regarding this Certificate of Analysis to your Project Manager.

Antonella Brasil, Senior Project Manager

Email: Antonella.Brasil@bureauveritas.com

Phone# (905)817-5817

=====

This report has been generated and distributed using a secure automated process.

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BV Labs Job #: C1I8416
Report Date: 2021/07/13

Pinchin Ltd
Client Project #: 294348
Sampler Initials: AM

O.REG 153 VOCs BY HS (WATER)

BV Labs ID		QAQ015				QAQ015			
Sampling Date		2021/07/07 13:00				2021/07/07 13:00			
COC Number		824232-04-01				824232-04-01			
	UNITS	MW14-9	RDL	MDL	QC Batch	MW14-9 Lab-Dup	RDL	MDL	QC Batch
Calculated Parameters									
1,3-Dichloropropene (cis+trans)	ug/L	<0.50	0.50	0.50	7450684				
Volatile Organics									
Acetone (2-Propanone)	ug/L	<10	10	1.0	7453635	<10	10	1.0	7453635
Benzene	ug/L	<0.20	0.20	0.020	7453635	<0.20	0.20	0.020	7453635
Bromodichloromethane	ug/L	<0.50	0.50	0.050	7453635	<0.50	0.50	0.050	7453635
Bromoform	ug/L	<1.0	1.0	0.10	7453635	<1.0	1.0	0.10	7453635
Bromomethane	ug/L	<0.50	0.50	0.10	7453635	<0.50	0.50	0.10	7453635
Carbon Tetrachloride	ug/L	<0.19	0.19	0.050	7453635	<0.19	0.19	0.050	7453635
Chlorobenzene	ug/L	<0.20	0.20	0.010	7453635	<0.20	0.20	0.010	7453635
Chloroform	ug/L	<0.20	0.20	0.050	7453635	<0.20	0.20	0.050	7453635
Dibromochloromethane	ug/L	<0.50	0.50	0.050	7453635	<0.50	0.50	0.050	7453635
1,2-Dichlorobenzene	ug/L	<0.40	0.40	0.050	7453635	<0.40	0.40	0.050	7453635
1,3-Dichlorobenzene	ug/L	<0.40	0.40	0.050	7453635	<0.40	0.40	0.050	7453635
1,4-Dichlorobenzene	ug/L	<0.40	0.40	0.050	7453635	<0.40	0.40	0.050	7453635
Dichlorodifluoromethane (FREON 12)	ug/L	<1.0	1.0	0.050	7453635	<1.0	1.0	0.050	7453635
1,1-Dichloroethane	ug/L	<0.20	0.20	0.050	7453635	<0.20	0.20	0.050	7453635
1,2-Dichloroethane	ug/L	<0.49	0.49	0.020	7453635	<0.49	0.49	0.020	7453635
1,1-Dichloroethylene	ug/L	<0.20	0.20	0.050	7453635	<0.20	0.20	0.050	7453635
cis-1,2-Dichloroethylene	ug/L	<0.50	0.50	0.050	7453635	<0.50	0.50	0.050	7453635
trans-1,2-Dichloroethylene	ug/L	<0.50	0.50	0.050	7453635	<0.50	0.50	0.050	7453635
1,2-Dichloropropane	ug/L	<0.20	0.20	0.050	7453635	<0.20	0.20	0.050	7453635
cis-1,3-Dichloropropene	ug/L	<0.30	0.30	0.050	7453635	<0.30	0.30	0.050	7453635
trans-1,3-Dichloropropene	ug/L	<0.40	0.40	0.050	7453635	<0.40	0.40	0.050	7453635
Ethylbenzene	ug/L	<0.20	0.20	0.010	7453635	<0.20	0.20	0.010	7453635
Ethylene Dibromide	ug/L	<0.19	0.19	0.050	7453635	<0.19	0.19	0.050	7453635
Hexane	ug/L	<1.0	1.0	0.10	7453635	<1.0	1.0	0.10	7453635
Methylene Chloride(Dichloromethane)	ug/L	<2.0	2.0	0.10	7453635	<2.0	2.0	0.10	7453635
Methyl Ethyl Ketone (2-Butanone)	ug/L	<10	10	0.50	7453635	<10	10	0.50	7453635
Methyl Isobutyl Ketone	ug/L	<5.0	5.0	0.10	7453635	<5.0	5.0	0.10	7453635
Methyl t-butyl ether (MTBE)	ug/L	<0.50	0.50	0.050	7453635	<0.50	0.50	0.050	7453635
RDL = Reportable Detection Limit									
QC Batch = Quality Control Batch									
Lab-Dup = Laboratory Initiated Duplicate									



BV Labs Job #: C1I8416
Report Date: 2021/07/13

Pinchin Ltd
Client Project #: 294348
Sampler Initials: AM

O.REG 153 VOCs BY HS (WATER)

BV Labs ID		QAQ015				QAQ015			
Sampling Date		2021/07/07 13:00				2021/07/07 13:00			
COC Number		824232-04-01				824232-04-01			
	UNITS	MW14-9	RDL	MDL	QC Batch	MW14-9 Lab-Dup	RDL	MDL	QC Batch
Styrene	ug/L	<0.40	0.40	0.050	7453635	<0.40	0.40	0.050	7453635
1,1,1,2-Tetrachloroethane	ug/L	<0.50	0.50	0.050	7453635	<0.50	0.50	0.050	7453635
1,1,2,2-Tetrachloroethane	ug/L	<0.40	0.40	0.050	7453635	<0.40	0.40	0.050	7453635
Tetrachloroethylene	ug/L	<0.20	0.20	0.050	7453635	<0.20	0.20	0.050	7453635
Toluene	ug/L	<0.20	0.20	0.010	7453635	<0.20	0.20	0.010	7453635
1,1,1-Trichloroethane	ug/L	<0.20	0.20	0.050	7453635	<0.20	0.20	0.050	7453635
1,1,2-Trichloroethane	ug/L	<0.40	0.40	0.050	7453635	<0.40	0.40	0.050	7453635
Trichloroethylene	ug/L	<0.20	0.20	0.050	7453635	<0.20	0.20	0.050	7453635
Trichlorofluoromethane (FREON 11)	ug/L	<0.50	0.50	0.10	7453635	<0.50	0.50	0.10	7453635
Vinyl Chloride	ug/L	<0.20	0.20	0.050	7453635	<0.20	0.20	0.050	7453635
p+m-Xylene	ug/L	<0.20	0.20	0.010	7453635	<0.20	0.20	0.010	7453635
o-Xylene	ug/L	<0.20	0.20	0.010	7453635	<0.20	0.20	0.010	7453635
Total Xylenes	ug/L	<0.20	0.20	0.010	7453635	<0.20	0.20	0.010	7453635
Surrogate Recovery (%)									
4-Bromofluorobenzene	%	91			7453635	90			7453635
D4-1,2-Dichloroethane	%	115			7453635	114			7453635
D8-Toluene	%	95			7453635	95			7453635
RDL = Reportable Detection Limit QC Batch = Quality Control Batch Lab-Dup = Laboratory Initiated Duplicate									



BV Labs Job #: C1I8416
Report Date: 2021/07/13

Pinchin Ltd
Client Project #: 294348
Sampler Initials: AM

O.REG 153 VOCs BY HS (WATER)

BV Labs ID		QAQ016	QAQ017	QAQ018	QAQ019			
Sampling Date		2021/07/07 14:45	2021/07/07 11:35	2021/07/07 16:10	2021/07/07			
COC Number		824232-04-01	824232-04-01	824232-04-01	824232-04-01			
	UNITS	MW14-10	MW14-11	MW14-12	TRIP BLANK #3708	RDL	MDL	QC Batch
Calculated Parameters								
1,3-Dichloropropene (cis+trans)	ug/L	<0.50	<0.50	<0.50	<0.50	0.50	0.50	7450684
Volatile Organics								
Acetone (2-Propanone)	ug/L	<10	<10	<10	<10	10	1.0	7453635
Benzene	ug/L	<0.20	<0.20	<0.20	<0.20	0.20	0.020	7453635
Bromodichloromethane	ug/L	<0.50	<0.50	<0.50	<0.50	0.50	0.050	7453635
Bromoform	ug/L	<1.0	<1.0	<1.0	<1.0	1.0	0.10	7453635
Bromomethane	ug/L	<0.50	<0.50	<0.50	<0.50	0.50	0.10	7453635
Carbon Tetrachloride	ug/L	<0.19	<0.19	<0.19	<0.19	0.19	0.050	7453635
Chlorobenzene	ug/L	<0.20	<0.20	<0.20	<0.20	0.20	0.010	7453635
Chloroform	ug/L	<0.20	<0.20	0.97	<0.20	0.20	0.050	7453635
Dibromochloromethane	ug/L	<0.50	<0.50	<0.50	<0.50	0.50	0.050	7453635
1,2-Dichlorobenzene	ug/L	<0.40	<0.40	<0.40	<0.40	0.40	0.050	7453635
1,3-Dichlorobenzene	ug/L	<0.40	<0.40	<0.40	<0.40	0.40	0.050	7453635
1,4-Dichlorobenzene	ug/L	<0.40	<0.40	<0.40	<0.40	0.40	0.050	7453635
Dichlorodifluoromethane (FREON 12)	ug/L	<1.0	<1.0	<1.0	<1.0	1.0	0.050	7453635
1,1-Dichloroethane	ug/L	<0.20	<0.20	<0.20	<0.20	0.20	0.050	7453635
1,2-Dichloroethane	ug/L	<0.49	<0.49	<0.49	<0.49	0.49	0.020	7453635
1,1-Dichloroethylene	ug/L	<0.20	<0.20	<0.20	<0.20	0.20	0.050	7453635
cis-1,2-Dichloroethylene	ug/L	2.2	<0.50	<0.50	<0.50	0.50	0.050	7453635
trans-1,2-Dichloroethylene	ug/L	<0.50	<0.50	<0.50	<0.50	0.50	0.050	7453635
1,2-Dichloropropane	ug/L	<0.20	<0.20	<0.20	<0.20	0.20	0.050	7453635
cis-1,3-Dichloropropene	ug/L	<0.30	<0.30	<0.30	<0.30	0.30	0.050	7453635
trans-1,3-Dichloropropene	ug/L	<0.40	<0.40	<0.40	<0.40	0.40	0.050	7453635
Ethylbenzene	ug/L	<0.20	<0.20	<0.20	<0.20	0.20	0.010	7453635
Ethylene Dibromide	ug/L	<0.19	<0.19	<0.19	<0.19	0.19	0.050	7453635
Hexane	ug/L	<1.0	<1.0	<1.0	<1.0	1.0	0.10	7453635
Methylene Chloride(Dichloromethane)	ug/L	<2.0	<2.0	<2.0	<2.0	2.0	0.10	7453635
Methyl Ethyl Ketone (2-Butanone)	ug/L	<10	<10	<10	<10	10	0.50	7453635
Methyl Isobutyl Ketone	ug/L	<5.0	<5.0	<5.0	<5.0	5.0	0.10	7453635
Methyl t-butyl ether (MTBE)	ug/L	<0.50	<0.50	<0.50	<0.50	0.50	0.050	7453635
Styrene	ug/L	<0.40	<0.40	<0.40	<0.40	0.40	0.050	7453635
RDL = Reportable Detection Limit								
QC Batch = Quality Control Batch								



BUREAU
VERITAS

BV Labs Job #: C118416
Report Date: 2021/07/13

Pinchin Ltd
Client Project #: 294348
Sampler Initials: AM

O.REG 153 VOCS BY HS (WATER)

BV Labs ID		QAQ016	QAQ017	QAQ018	QAQ019			
Sampling Date		2021/07/07 14:45	2021/07/07 11:35	2021/07/07 16:10	2021/07/07			
COC Number		824232-04-01	824232-04-01	824232-04-01	824232-04-01			
	UNITS	MW14-10	MW14-11	MW14-12	TRIP BLANK #3708	RDL	MDL	QC Batch
1,1,1,2-Tetrachloroethane	ug/L	<0.50	<0.50	<0.50	<0.50	0.50	0.050	7453635
1,1,2,2-Tetrachloroethane	ug/L	<0.40	<0.40	<0.40	<0.40	0.40	0.050	7453635
Tetrachloroethylene	ug/L	0.26	<0.20	<0.20	<0.20	0.20	0.050	7453635
Toluene	ug/L	<0.20	<0.20	<0.20	<0.20	0.20	0.010	7453635
1,1,1-Trichloroethane	ug/L	<0.20	<0.20	<0.20	<0.20	0.20	0.050	7453635
1,1,2-Trichloroethane	ug/L	<0.40	<0.40	<0.40	<0.40	0.40	0.050	7453635
Trichloroethylene	ug/L	1.3	<0.20	<0.20	<0.20	0.20	0.050	7453635
Trichlorofluoromethane (FREON 11)	ug/L	<0.50	<0.50	<0.50	<0.50	0.50	0.10	7453635
Vinyl Chloride	ug/L	<0.20	<0.20	<0.20	<0.20	0.20	0.050	7453635
p+m-Xylene	ug/L	<0.20	<0.20	<0.20	<0.20	0.20	0.010	7453635
o-Xylene	ug/L	<0.20	<0.20	<0.20	<0.20	0.20	0.010	7453635
Total Xylenes	ug/L	<0.20	<0.20	<0.20	<0.20	0.20	0.010	7453635
Surrogate Recovery (%)								
4-Bromofluorobenzene	%	89	89	89	90			7453635
D4-1,2-Dichloroethane	%	115	116	119	113			7453635
D8-Toluene	%	96	95	94	96			7453635
RDL = Reportable Detection Limit								
QC Batch = Quality Control Batch								



BV Labs Job #: C1I8416
Report Date: 2021/07/13

Pinchin Ltd
Client Project #: 294348
Sampler Initials: AM

TEST SUMMARY

BV Labs ID: QAA015
Sample ID: MW14-9
Matrix: Ground Water

Collected: 2021/07/07
Shipped:
Received: 2021/07/08

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
1,3-Dichloropropene Sum	CALC	7450684	N/A	2021/07/12	Automated Statchk
Volatile Organic Compounds in Water	GC/MS	7453635	N/A	2021/07/12	Blair Gannon

BV Labs ID: QAA015 Dup
Sample ID: MW14-9
Matrix: Ground Water

Collected: 2021/07/07
Shipped:
Received: 2021/07/08

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Volatile Organic Compounds in Water	GC/MS	7453635	N/A	2021/07/12	Blair Gannon

BV Labs ID: QAA016
Sample ID: MW14-10
Matrix: Ground Water

Collected: 2021/07/07
Shipped:
Received: 2021/07/08

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
1,3-Dichloropropene Sum	CALC	7450684	N/A	2021/07/13	Automated Statchk
Volatile Organic Compounds in Water	GC/MS	7453635	N/A	2021/07/12	Blair Gannon

BV Labs ID: QAA017
Sample ID: MW14-11
Matrix: Ground Water

Collected: 2021/07/07
Shipped:
Received: 2021/07/08

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
1,3-Dichloropropene Sum	CALC	7450684	N/A	2021/07/13	Automated Statchk
Volatile Organic Compounds in Water	GC/MS	7453635	N/A	2021/07/12	Blair Gannon

BV Labs ID: QAA018
Sample ID: MW14-12
Matrix: Ground Water

Collected: 2021/07/07
Shipped:
Received: 2021/07/08

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
1,3-Dichloropropene Sum	CALC	7450684	N/A	2021/07/13	Automated Statchk
Volatile Organic Compounds in Water	GC/MS	7453635	N/A	2021/07/12	Blair Gannon

BV Labs ID: QAA019
Sample ID: TRIP BLANK #3708
Matrix: Ground Water

Collected: 2021/07/07
Shipped:
Received: 2021/07/08

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
1,3-Dichloropropene Sum	CALC	7450684	N/A	2021/07/13	Automated Statchk
Volatile Organic Compounds in Water	GC/MS	7453635	N/A	2021/07/12	Blair Gannon



BUREAU
VERITAS

BV Labs Job #: C118416

Report Date: 2021/07/13

Pinchin Ltd

Client Project #: 294348

Sampler Initials: AM

GENERAL COMMENTS

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

Package 1	4.7°C
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Cooler custody seal was present and intact.

All 40 ml vials for VOC analyses contained visible sediment.

Results relate only to the items tested.

BUREAU
VERITAS

BV Labs Job #: C1I8416

Report Date: 2021/07/13

QUALITY ASSURANCE REPORT

Pinchin Ltd

Client Project #: 294348

Sampler Initials: AM

QC Batch	Parameter	Date	Matrix Spike		SPIKED BLANK		Method Blank		RPD	
			% Recovery	QC Limits	% Recovery	QC Limits	Value	UNITS	Value (%)	QC Limits
7453635	4-Bromofluorobenzene	2021/07/12	99	70 - 130	101	70 - 130	94	%		
7453635	D4-1,2-Dichloroethane	2021/07/12	108	70 - 130	104	70 - 130	109	%		
7453635	D8-Toluene	2021/07/12	108	70 - 130	108	70 - 130	97	%		
7453635	1,1,1,2-Tetrachloroethane	2021/07/12	98	70 - 130	99	70 - 130	<0.50	ug/L	NC	30
7453635	1,1,1-Trichloroethane	2021/07/12	98	70 - 130	101	70 - 130	<0.20	ug/L	NC	30
7453635	1,1,2,2-Tetrachloroethane	2021/07/12	100	70 - 130	99	70 - 130	<0.40	ug/L	NC	30
7453635	1,1,2-Trichloroethane	2021/07/12	108	70 - 130	106	70 - 130	<0.40	ug/L	NC	30
7453635	1,1-Dichloroethane	2021/07/12	102	70 - 130	102	70 - 130	<0.20	ug/L	NC	30
7453635	1,1-Dichloroethylene	2021/07/12	103	70 - 130	106	70 - 130	<0.20	ug/L	NC	30
7453635	1,2-Dichlorobenzene	2021/07/12	93	70 - 130	96	70 - 130	<0.40	ug/L	NC	30
7453635	1,2-Dichloroethane	2021/07/12	99	70 - 130	97	70 - 130	<0.49	ug/L	NC	30
7453635	1,2-Dichloropropane	2021/07/12	103	70 - 130	103	70 - 130	<0.20	ug/L	NC	30
7453635	1,3-Dichlorobenzene	2021/07/12	92	70 - 130	95	70 - 130	<0.40	ug/L	NC	30
7453635	1,4-Dichlorobenzene	2021/07/12	106	70 - 130	110	70 - 130	<0.40	ug/L	NC	30
7453635	Acetone (2-Propanone)	2021/07/12	115	60 - 140	110	60 - 140	<10	ug/L	NC	30
7453635	Benzene	2021/07/12	94	70 - 130	95	70 - 130	<0.20	ug/L	NC	30
7453635	Bromodichloromethane	2021/07/12	101	70 - 130	101	70 - 130	<0.50	ug/L	NC	30
7453635	Bromoform	2021/07/12	97	70 - 130	96	70 - 130	<1.0	ug/L	NC	30
7453635	Bromomethane	2021/07/12	94	60 - 140	99	60 - 140	<0.50	ug/L	NC	30
7453635	Carbon Tetrachloride	2021/07/12	93	70 - 130	96	70 - 130	<0.19	ug/L	NC	30
7453635	Chlorobenzene	2021/07/12	95	70 - 130	97	70 - 130	<0.20	ug/L	NC	30
7453635	Chloroform	2021/07/12	98	70 - 130	99	70 - 130	<0.20	ug/L	NC	30
7453635	cis-1,2-Dichloroethylene	2021/07/12	97	70 - 130	98	70 - 130	<0.50	ug/L	NC	30
7453635	cis-1,3-Dichloropropene	2021/07/12	100	70 - 130	97	70 - 130	<0.30	ug/L	NC	30
7453635	Dibromochloromethane	2021/07/12	95	70 - 130	95	70 - 130	<0.50	ug/L	NC	30
7453635	Dichlorodifluoromethane (FREON 12)	2021/07/12	91	60 - 140	99	60 - 140	<1.0	ug/L	NC	30
7453635	Ethylbenzene	2021/07/12	90	70 - 130	94	70 - 130	<0.20	ug/L	NC	30
7453635	Ethylene Dibromide	2021/07/12	94	70 - 130	91	70 - 130	<0.19	ug/L	NC	30
7453635	Hexane	2021/07/12	107	70 - 130	112	70 - 130	<1.0	ug/L	NC	30
7453635	Methyl Ethyl Ketone (2-Butanone)	2021/07/12	123	60 - 140	117	60 - 140	<10	ug/L	NC	30
7453635	Methyl Isobutyl Ketone	2021/07/12	120	70 - 130	115	70 - 130	<5.0	ug/L	NC	30

BUREAU
VERITAS

BV Labs Job #: C1I8416

Report Date: 2021/07/13

QUALITY ASSURANCE REPORT(CONT'D)

Pinchin Ltd

Client Project #: 294348

Sampler Initials: AM

QC Batch	Parameter	Date	Matrix Spike		SPIKED BLANK		Method Blank		RPD	
			% Recovery	QC Limits	% Recovery	QC Limits	Value	UNITS	Value (%)	QC Limits
7453635	Methyl t-butyl ether (MTBE)	2021/07/12	93	70 - 130	92	70 - 130	<0.50	ug/L	NC	30
7453635	Methylene Chloride(Dichloromethane)	2021/07/12	111	70 - 130	111	70 - 130	<2.0	ug/L	NC	30
7453635	o-Xylene	2021/07/12	87	70 - 130	94	70 - 130	<0.20	ug/L	NC	30
7453635	p+m-Xylene	2021/07/12	95	70 - 130	100	70 - 130	<0.20	ug/L	NC	30
7453635	Styrene	2021/07/12	101	70 - 130	107	70 - 130	<0.40	ug/L	NC	30
7453635	Tetrachloroethylene	2021/07/12	85	70 - 130	90	70 - 130	<0.20	ug/L	NC	30
7453635	Toluene	2021/07/12	97	70 - 130	100	70 - 130	<0.20	ug/L	NC	30
7453635	Total Xylenes	2021/07/12					<0.20	ug/L	NC	30
7453635	trans-1,2-Dichloroethylene	2021/07/12	104	70 - 130	107	70 - 130	<0.50	ug/L	NC	30
7453635	trans-1,3-Dichloropropene	2021/07/12	114	70 - 130	107	70 - 130	<0.40	ug/L	NC	30
7453635	Trichloroethylene	2021/07/12	95	70 - 130	98	70 - 130	<0.20	ug/L	NC	30
7453635	Trichlorofluoromethane (FREON 11)	2021/07/12	93	70 - 130	97	70 - 130	<0.50	ug/L	NC	30
7453635	Vinyl Chloride	2021/07/12	103	70 - 130	107	70 - 130	<0.20	ug/L	NC	30

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

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

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

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

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

NC (Duplicate RPD): The duplicate RPD was not calculated. The concentration in the sample and/or duplicate was too low to permit a reliable RPD calculation (absolute difference $\leq 2 \times \text{RDL}$).



FUNDAMENTAL LABORATORY ACCEPTANCE GUIDELINE

Invoice To:

Pinchin Ltd
ATTN: Accounts Payable
2470 Milltower Crt
Mississauga, ON
CANADA L5N 7W5
Client Contact:
Toby Glanville

BV Labs Job #:	C118416
Date Received:	2021/07/08
Your C.O.C. #:	824232-04-01
Your Project #:	294348
BV Labs Project Manager:	Antonella Brasil
Quote #:	A70927

No discrepancies noted.

Report Comments

Received Date:	<u>2021/07/08</u>	Time:	<u>08:00</u>	By:	_____
Inspected Date:	_____	Time:	_____	By:	_____
FLAG Created Date:	_____	Time:	_____	By:	_____



BUREAU
VERITAS

BV Labs Job #: C118416

Report Date: 2021/07/13

Pinchin Ltd

Client Project #: 294348

Sampler Initials: AM

VALIDATION SIGNATURE PAGE

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

Anastassia Hamanov, Scientific Specialist

BV Labs has procedures in place to guard against improper use of the electronic signature and have the required "signatories", as per ISO/IEC 17025, signing the reports. For Service Group specific validation please refer to the Validation Signature Page.



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

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08-Jul-21 08:00

Antonella Brasil

C118416

Bottle Order #:

824232

Project Manager:

Antonella Brasil

INVOICE TO:

Company Name: #3103 Pinchin Ltd
Attention: Accounts Payable
Address: 2470 Milltower Crt
Mississauga ON L5N 7W5
Tel: (905) 363-0678 Fax: (905) 363-0681
Email: ap@pinchin.com

REPORT TO:

Company Name: Frank Schiaffini Tony Gianville
Attention: Frank Schiaffini Tony Gianville
Address: (905) 363-1444
Tel: (905) 363-1444 Fax: (905) 363-1444
Email: fschiaffini@pinchin.com tgianville@pinchin.com

PROJECT INFORMATION:

Quotation #: A70927
P.O. #: 282338-002 294348
Project: M2K
Project Name: ENV 107
Site #:
Sampled By: Am

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

Regulation 153 (2011)		Other Regulations		Special Instructions
☐ Table 1	☐ Res/Park	☐ CCME	☐ Sanitary Sewer Bylaw	
☐ Table 2	☐ Ind/Comm	☐ Reg 558	☐ Storm Sewer Bylaw	
☐ Table 3	☐ Agri/Other	☐ MISA	☐ Municipality	
☐ Table		☐ PWQO	☐ Reg 406 Table	
☐ Table		☐ Other		

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

N

Sample Barcode Label	Sample (Location) Identification	Date Sampled	Time Sampled	Matrix
1	MW14-9	22/10/10	1:00	GW
2	MW14-10		2:45	
3	MW14-11		11:35	
4	MW14-12		4:10	
5	TRIP BLANK #3708			
6				
7				
8				
9				
10				

Field Filtered (please circle):
Metals / Hg / Cr / VI

0 Reg 153 VOCs by HS & F1-F4

VOCs

ANALYSIS REQUESTED (PLEASE BE SPECIFIC)

Regular (Standard) TAT:

(will be applied if Rush TAT is not specified)

Standard TAT = 5-7 Working days for most tests.

Please note: Standard TAT for certain tests such as BOD and Dioxins/Furans are > 5 days - contact your Project Manager for details.

Job Specific Rush TAT (if applies to entire submission)

Date Required: Time Required:

Rush Configuration Number: (call lab for #)

of Bottles Comments

3

3

3

3

2

* RELINQUISHED BY: (Signature/Print)

Date: (YY/MM/DD)

Time

RECEIVED BY: (Signature/Print)

Date: (YY/MM/DD)

Time

jars used and not submitted

Laboratory Use Only

Time Sensitive

Temperature (°C) on Rece:

Custody Seal

Present

Intact

Yes

No

White: BV Labs

Yellow: Client

* UNLESS OTHERWISE AGREED TO IN WRITING, WORK SUBMITTED ON THIS CHAIN OF CUSTODY IS SUBJECT TO BV LABS' STANDARD TERMS AND CONDITIONS. SIGNING OF THIS CHAIN OF CUSTODY DOCUMENT IS ACKNOWLEDGMENT AND ACCEPTANCE OF OUR TERMS WHICH ARE AVAILABLE FOR VIEWING AT WWW.BVLABS.COM/TERMS-AND-CONDITIONS.

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

** SAMPLE CONTAINER, PRESERVATION, HOLD TIME AND PACKAGE INFORMATION CAN BE VIEWED AT WWW.BVLABS.COM/RESOURCES/CHAIN-OF-CUSTODY-FORMS.

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



Your Project #: 294348
Site Location: 1250 SOUTH SERVICE RD, TORONTO
Your C.O.C. #: 835732-01-01

Attention: Toby Glanville

Pinchin Ltd
2470 Milltower Crt
Mississauga, ON
CANADA L5N 7W5

Report Date: 2021/07/13
Report #: R6717303
Version: 1 - Final

CERTIFICATE OF ANALYSIS

BV LABS JOB #: C119634

Received: 2021/07/08, 19:12

Sample Matrix: Water
Samples Received: 11

Analyses	Date		Date Analyzed	Laboratory Method	Analytical Method
	Quantity	Extracted			
Methylnaphthalene Sum	1	N/A	2021/07/13	CAM SOP-00301	EPA 8270D m
1,3-Dichloropropene Sum	1	N/A	2021/07/12		EPA 8260C m
1,3-Dichloropropene Sum	6	N/A	2021/07/13		EPA 8260C m
Chloride by Automated Colourimetry	3	N/A	2021/07/09	CAM SOP-00463	SM 23 4500-Cl E m
Petroleum Hydro. CCME F1 & BTEX in Water	1	N/A	2021/07/11	CAM SOP-00315	CCME PHC-CWS m
Petroleum Hydrocarbons F2-F4 in Water (1)	1	2021/07/12	2021/07/13	CAM SOP-00316	CCME PHC-CWS m
Total Metals Analysis by ICP	3	2021/07/09	2021/07/12	CAM SOP-00408	EPA 6010D m
PAH Compounds in Water by GC/MS (SIM)	1	2021/07/12	2021/07/13	CAM SOP-00318	EPA 8270D m
Volatile Organic Compounds and F1 PHCs	1	N/A	2021/07/09	CAM SOP-00230	EPA 8260C m
Volatile Organic Compounds in Water	6	N/A	2021/07/12	CAM SOP-00228	EPA 8260C m

Remarks:

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

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

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

Solid sample results, except biota, are based on dry weight unless otherwise indicated. Organic analyses are not recovery corrected except for isotope dilution methods.

Results relate to samples tested. When sampling is not conducted by Bureau Veritas, results relate to the supplied samples tested.

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

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



Your Project #: 294348
Site Location: 1250 SOUTH SERVICE RD, TORONTO
Your C.O.C. #: 835732-01-01

Attention: Toby Glanville

Pinchin Ltd
2470 Milltower Crt
Mississauga, ON
CANADA L5N 7W5

Report Date: 2021/07/13
Report #: R6717303
Version: 1 - Final

CERTIFICATE OF ANALYSIS

BV LABS JOB #: C1I9634

Received: 2021/07/08, 19:12

(1) All CCME PHC results met required criteria unless otherwise stated in the report. The CWS PHC methods employed by Bureau Veritas Laboratories conform to all prescribed elements of the reference method and performance based elements have been validated. All modifications have been validated and proven equivalent following "Alberta Environment's Interpretation of the Reference Method for the Canada-Wide Standard for Petroleum Hydrocarbons in Soil Validation of Performance-Based Alternative Methods September 2003". Documentation is available upon request. Modifications from Reference Method for the Canada-wide Standard for Petroleum Hydrocarbons in Soil-Tier 1 Method: F2/F3/F4 data reported using validated cold solvent extraction instead of Soxhlet extraction.

Encryption Key

Please direct all questions regarding this Certificate of Analysis to your Project Manager.
Antonella Brasil, Senior Project Manager
Email: Antonella.Brasil@bureauveritas.com
Phone# (905)817-5817

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BUREAU
VERITAS

BV Labs Job #: C1I9634

Report Date: 2021/07/13

Pinchin Ltd

Client Project #: 294348

Site Location: 1250 SOUTH SERVICE RD, TORONTO

Sampler Initials: ED

RESULTS OF ANALYSES OF WATER

BV Labs ID		QAW139			QAW140	QAW140			QAW141			
Sampling Date		2021/07/08 15:30			2021/07/08 15:45	2021/07/08 15:45			2021/07/08			
COC Number		835732-01-01			835732-01-01	835732-01-01			835732-01-01			
	UNITS	MW21-25	RDL	MDL	MW101	MW101 Lab-Dup	RDL	MDL	DUP208072021	RDL	MDL	QC Batch

Inorganics												
Dissolved Chloride (Cl-)	mg/L	870	10	3.0	1600	1700	15	4.5	920	10	3.0	7453616
RDL = Reportable Detection Limit												
QC Batch = Quality Control Batch												
Lab-Dup = Laboratory Initiated Duplicate												



BUREAU
VERITAS

BV Labs Job #: C1I9634

Report Date: 2021/07/13

Pinchin Ltd

Client Project #: 294348

Site Location: 1250 SOUTH SERVICE RD, TORONTO

Sampler Initials: ED

ELEMENTS BY ATOMIC SPECTROSCOPY (WATER)

BV Labs ID		QAW139	QAW139			QAW140			QAW141			
Sampling Date		2021/07/08 15:30	2021/07/08 15:30			2021/07/08 15:45			2021/07/08			
COC Number		835732-01-01	835732-01-01			835732-01-01			835732-01-01			
	UNITS	MW21-25	MW21-25 Lab-Dup	RDL	MDL	MW101	RDL	MDL	DUP208072021	RDL	MDL	QC Batch

Metals

Total Sodium (Na)	mg/L	360	370	0.5	0.1	900	5	1	360	0.5	0.1	7453259
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RDL = Reportable Detection Limit

QC Batch = Quality Control Batch

Lab-Dup = Laboratory Initiated Duplicate



BV Labs Job #: C1I9634
Report Date: 2021/07/13

Pinchin Ltd
Client Project #: 294348
Site Location: 1250 SOUTH SERVICE RD, TORONTO
Sampler Initials: ED

VOLATILE ORGANICS BY GC/MS (WATER)

BV Labs ID		QAW142			
Sampling Date		2021/07/08			
COC Number		835732-01-01			
	UNITS	TRIP BLANK	RDL	MDL	QC Batch
Calculated Parameters					
1,3-Dichloropropene (cis+trans)	ug/L	<0.50	0.50	0.50	7450684
Volatile Organics					
Acetone (2-Propanone)	ug/L	<10	10	1.0	7450872
Benzene	ug/L	<0.20	0.20	0.020	7450872
Bromodichloromethane	ug/L	<0.50	0.50	0.050	7450872
Bromoform	ug/L	<1.0	1.0	0.10	7450872
Bromomethane	ug/L	<0.50	0.50	0.10	7450872
Carbon Tetrachloride	ug/L	<0.20	0.20	0.050	7450872
Chlorobenzene	ug/L	<0.20	0.20	0.010	7450872
Chloroform	ug/L	<0.20	0.20	0.050	7450872
Dibromochloromethane	ug/L	<0.50	0.50	0.050	7450872
1,2-Dichlorobenzene	ug/L	<0.50	0.50	0.050	7450872
1,3-Dichlorobenzene	ug/L	<0.50	0.50	0.050	7450872
1,4-Dichlorobenzene	ug/L	<0.50	0.50	0.050	7450872
Dichlorodifluoromethane (FREON 12)	ug/L	<1.0	1.0	0.050	7450872
1,1-Dichloroethane	ug/L	<0.20	0.20	0.050	7450872
1,2-Dichloroethane	ug/L	<0.50	0.50	0.020	7450872
1,1-Dichloroethylene	ug/L	<0.20	0.20	0.050	7450872
cis-1,2-Dichloroethylene	ug/L	<0.50	0.50	0.050	7450872
trans-1,2-Dichloroethylene	ug/L	<0.50	0.50	0.050	7450872
1,2-Dichloropropane	ug/L	<0.20	0.20	0.050	7450872
cis-1,3-Dichloropropene	ug/L	<0.30	0.30	0.050	7450872
trans-1,3-Dichloropropene	ug/L	<0.40	0.40	0.050	7450872
Ethylbenzene	ug/L	<0.20	0.20	0.010	7450872
Ethylene Dibromide	ug/L	<0.20	0.20	0.050	7450872
Hexane	ug/L	<1.0	1.0	0.10	7450872
Methylene Chloride(Dichloromethane)	ug/L	<2.0	2.0	0.10	7450872
Methyl Ethyl Ketone (2-Butanone)	ug/L	<10	10	0.50	7450872
Methyl Isobutyl Ketone	ug/L	<5.0	5.0	0.10	7450872
Methyl t-butyl ether (MTBE)	ug/L	<0.50	0.50	0.050	7450872
Styrene	ug/L	<0.50	0.50	0.050	7450872
1,1,1,2-Tetrachloroethane	ug/L	<0.50	0.50	0.050	7450872
RDL = Reportable Detection Limit					
QC Batch = Quality Control Batch					



BV Labs Job #: C1I9634
Report Date: 2021/07/13

Pinchin Ltd
Client Project #: 294348
Site Location: 1250 SOUTH SERVICE RD, TORONTO
Sampler Initials: ED

VOLATILE ORGANICS BY GC/MS (WATER)

BV Labs ID		QAW142			
Sampling Date		2021/07/08			
COC Number		835732-01-01			
	UNITS	TRIP BLANK	RDL	MDL	QC Batch
1,1,2,2-Tetrachloroethane	ug/L	<0.50	0.50	0.050	7450872
Tetrachloroethylene	ug/L	<0.20	0.20	0.050	7450872
Toluene	ug/L	<0.20	0.20	0.010	7450872
1,1,1-Trichloroethane	ug/L	<0.20	0.20	0.050	7450872
1,1,2-Trichloroethane	ug/L	<0.50	0.50	0.050	7450872
Trichloroethylene	ug/L	<0.20	0.20	0.050	7450872
Trichlorofluoromethane (FREON 11)	ug/L	<0.50	0.50	0.10	7450872
Vinyl Chloride	ug/L	<0.20	0.20	0.050	7450872
p+m-Xylene	ug/L	<0.20	0.20	0.010	7450872
o-Xylene	ug/L	<0.20	0.20	0.010	7450872
Total Xylenes	ug/L	<0.20	0.20	0.010	7450872
F1 (C6-C10)	ug/L	<25	25	N/A	7450872
F1 (C6-C10) - BTEX	ug/L	<25	25	N/A	7450872
Surrogate Recovery (%)					
4-Bromofluorobenzene	%	83			7450872
D4-1,2-Dichloroethane	%	100			7450872
D8-Toluene	%	106			7450872
RDL = Reportable Detection Limit QC Batch = Quality Control Batch N/A = Not Applicable					



BV Labs Job #: C1I9634
Report Date: 2021/07/13

Pinchin Ltd
Client Project #: 294348
Site Location: 1250 SOUTH SERVICE RD, TORONTO
Sampler Initials: ED

O.REG 153 PAHS (WATER)

BV Labs ID		QAW236			
Sampling Date		2021/07/08 18:05			
COC Number		835732-01-01			
	UNITS	MW21-30	RDL	MDL	QC Batch
Calculated Parameters					
Methylnaphthalene, 2-(1-)	ug/L	<0.071	0.071	N/A	7450683
Polyaromatic Hydrocarbons					
Acenaphthene	ug/L	<0.050	0.050	0.0030	7457619
Acenaphthylene	ug/L	<0.050	0.050	0.0030	7457619
Anthracene	ug/L	<0.050	0.050	0.0030	7457619
Benzo(a)anthracene	ug/L	<0.050	0.050	0.0030	7457619
Benzo(a)pyrene	ug/L	<0.0090	0.0090	0.0030	7457619
Benzo(b,j)fluoranthene	ug/L	<0.050	0.050	0.0030	7457619
Benzo(g,h,i)perylene	ug/L	<0.050	0.050	0.0030	7457619
Benzo(k)fluoranthene	ug/L	<0.050	0.050	0.0030	7457619
Chrysene	ug/L	<0.050	0.050	0.0030	7457619
Dibenzo(a,h)anthracene	ug/L	<0.050	0.050	0.0030	7457619
Fluoranthene	ug/L	<0.050	0.050	0.0030	7457619
Fluorene	ug/L	<0.050	0.050	0.0030	7457619
Indeno(1,2,3-cd)pyrene	ug/L	<0.050	0.050	0.0030	7457619
1-Methylnaphthalene	ug/L	<0.050	0.050	0.0030	7457619
2-Methylnaphthalene	ug/L	<0.050	0.050	0.0030	7457619
Naphthalene	ug/L	<0.050	0.050	0.0030	7457619
Phenanthrene	ug/L	<0.030	0.030	0.0030	7457619
Pyrene	ug/L	<0.050	0.050	0.0030	7457619
Surrogate Recovery (%)					
D10-Anthracene	%	111			7457619
D14-Terphenyl (FS)	%	114			7457619
D8-Acenaphthylene	%	110			7457619
RDL = Reportable Detection Limit QC Batch = Quality Control Batch N/A = Not Applicable					



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BV Labs Job #: C1I9634

Report Date: 2021/07/13

Pinchin Ltd

Client Project #: 294348

Site Location: 1250 SOUTH SERVICE RD, TORONTO

Sampler Initials: ED

O.REG 153 PHCS, BTEX/F1-F4 (WATER)

BV Labs ID		QAW236			
Sampling Date		2021/07/08 18:05			
COC Number		835732-01-01			
	UNITS	MW21-30	RDL	MDL	QC Batch
BTEX & F1 Hydrocarbons					
Benzene	ug/L	<0.20	0.20	0.040	7456367
Toluene	ug/L	0.22	0.20	0.040	7456367
Ethylbenzene	ug/L	<0.20	0.20	0.040	7456367
o-Xylene	ug/L	<0.20	0.20	0.040	7456367
p+m-Xylene	ug/L	<0.40	0.40	0.080	7456367
Total Xylenes	ug/L	<0.40	0.40	0.080	7456367
F1 (C6-C10)	ug/L	<25	25	20	7456367
F1 (C6-C10) - BTEX	ug/L	<25	25	20	7456367
F2-F4 Hydrocarbons					
F2 (C10-C16 Hydrocarbons)	ug/L	<100	100	50	7457622
F3 (C16-C34 Hydrocarbons)	ug/L	<200	200	70	7457622
F4 (C34-C50 Hydrocarbons)	ug/L	<200	200	50	7457622
Reached Baseline at C50	ug/L	Yes			7457622
Surrogate Recovery (%)					
1,4-Difluorobenzene	%	107			7456367
4-Bromofluorobenzene	%	96			7456367
D10-o-Xylene	%	105			7456367
D4-1,2-Dichloroethane	%	115			7456367
o-Terphenyl	%	93			7457622
RDL = Reportable Detection Limit					
QC Batch = Quality Control Batch					



BV Labs Job #: C1I9634
Report Date: 2021/07/13

Pinchin Ltd
Client Project #: 294348
Site Location: 1250 SOUTH SERVICE RD, TORONTO
Sampler Initials: ED

O.REG 153 VOCs BY HS (WATER)

BV Labs ID		QAW135				QAW135			
Sampling Date		2021/07/08 10:30				2021/07/08 10:30			
COC Number		835732-01-01				835732-01-01			
	UNITS	MW21-19	RDL	MDL	QC Batch	MW21-19 Lab-Dup	RDL	MDL	QC Batch
Calculated Parameters									
1,3-Dichloropropene (cis+trans)	ug/L	<0.50	0.50	0.50	7450684				
Volatile Organics									
Acetone (2-Propanone)	ug/L	<10	10	1.0	7451704	<10	10	1.0	7451704
Benzene	ug/L	<0.20	0.20	0.020	7451704	<0.20	0.20	0.020	7451704
Bromodichloromethane	ug/L	<0.50	0.50	0.050	7451704	<0.50	0.50	0.050	7451704
Bromoform	ug/L	<1.0	1.0	0.10	7451704	<1.0	1.0	0.10	7451704
Bromomethane	ug/L	<0.50	0.50	0.10	7451704	<0.50	0.50	0.10	7451704
Carbon Tetrachloride	ug/L	<0.19	0.19	0.050	7451704	<0.19	0.19	0.050	7451704
Chlorobenzene	ug/L	<0.20	0.20	0.010	7451704	<0.20	0.20	0.010	7451704
Chloroform	ug/L	<0.20	0.20	0.050	7451704	<0.20	0.20	0.050	7451704
Dibromochloromethane	ug/L	<0.50	0.50	0.050	7451704	<0.50	0.50	0.050	7451704
1,2-Dichlorobenzene	ug/L	<0.40	0.40	0.050	7451704	<0.40	0.40	0.050	7451704
1,3-Dichlorobenzene	ug/L	<0.40	0.40	0.050	7451704	<0.40	0.40	0.050	7451704
1,4-Dichlorobenzene	ug/L	<0.40	0.40	0.050	7451704	<0.40	0.40	0.050	7451704
Dichlorodifluoromethane (FREON 12)	ug/L	<1.0	1.0	0.050	7451704	<1.0	1.0	0.050	7451704
1,1-Dichloroethane	ug/L	<0.20	0.20	0.050	7451704	<0.20	0.20	0.050	7451704
1,2-Dichloroethane	ug/L	<0.49	0.49	0.020	7451704	<0.49	0.49	0.020	7451704
1,1-Dichloroethylene	ug/L	<0.20	0.20	0.050	7451704	<0.20	0.20	0.050	7451704
cis-1,2-Dichloroethylene	ug/L	<0.50	0.50	0.050	7451704	<0.50	0.50	0.050	7451704
trans-1,2-Dichloroethylene	ug/L	<0.50	0.50	0.050	7451704	<0.50	0.50	0.050	7451704
1,2-Dichloropropane	ug/L	<0.20	0.20	0.050	7451704	<0.20	0.20	0.050	7451704
cis-1,3-Dichloropropene	ug/L	<0.30	0.30	0.050	7451704	<0.30	0.30	0.050	7451704
trans-1,3-Dichloropropene	ug/L	<0.40	0.40	0.050	7451704	<0.40	0.40	0.050	7451704
Ethylbenzene	ug/L	<0.20	0.20	0.010	7451704	<0.20	0.20	0.010	7451704
Ethylene Dibromide	ug/L	<0.19	0.19	0.050	7451704	<0.19	0.19	0.050	7451704
Hexane	ug/L	<1.0	1.0	0.10	7451704	<1.0	1.0	0.10	7451704
Methylene Chloride(Dichloromethane)	ug/L	<2.0	2.0	0.10	7451704	<2.0	2.0	0.10	7451704
Methyl Ethyl Ketone (2-Butanone)	ug/L	<10	10	0.50	7451704	<10	10	0.50	7451704
Methyl Isobutyl Ketone	ug/L	<5.0	5.0	0.10	7451704	<5.0	5.0	0.10	7451704
Methyl t-butyl ether (MTBE)	ug/L	<0.50	0.50	0.050	7451704	<0.50	0.50	0.050	7451704
RDL = Reportable Detection Limit									
QC Batch = Quality Control Batch									
Lab-Dup = Laboratory Initiated Duplicate									



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BV Labs Job #: C1I9634

Report Date: 2021/07/13

Pinchin Ltd

Client Project #: 294348

Site Location: 1250 SOUTH SERVICE RD, TORONTO

Sampler Initials: ED

O.REG 153 VOCs BY HS (WATER)

BV Labs ID		QAW135				QAW135			
Sampling Date		2021/07/08 10:30				2021/07/08 10:30			
COC Number		835732-01-01				835732-01-01			
	UNITS	MW21-19	RDL	MDL	QC Batch	MW21-19 Lab-Dup	RDL	MDL	QC Batch
Styrene	ug/L	<0.40	0.40	0.050	7451704	<0.40	0.40	0.050	7451704
1,1,1,2-Tetrachloroethane	ug/L	<0.50	0.50	0.050	7451704	<0.50	0.50	0.050	7451704
1,1,2,2-Tetrachloroethane	ug/L	<0.40	0.40	0.050	7451704	<0.40	0.40	0.050	7451704
Tetrachloroethylene	ug/L	0.23	0.20	0.050	7451704	0.23	0.20	0.050	7451704
Toluene	ug/L	<0.20	0.20	0.010	7451704	<0.20	0.20	0.010	7451704
1,1,1-Trichloroethane	ug/L	<0.20	0.20	0.050	7451704	<0.20	0.20	0.050	7451704
1,1,2-Trichloroethane	ug/L	<0.40	0.40	0.050	7451704	<0.40	0.40	0.050	7451704
Trichloroethylene	ug/L	<0.20	0.20	0.050	7451704	<0.20	0.20	0.050	7451704
Trichlorofluoromethane (FREON 11)	ug/L	<0.50	0.50	0.10	7451704	<0.50	0.50	0.10	7451704
Vinyl Chloride	ug/L	<0.20	0.20	0.050	7451704	<0.20	0.20	0.050	7451704
p+m-Xylene	ug/L	<0.20	0.20	0.010	7451704	<0.20	0.20	0.010	7451704
o-Xylene	ug/L	<0.20	0.20	0.010	7451704	<0.20	0.20	0.010	7451704
Total Xylenes	ug/L	<0.20	0.20	0.010	7451704	<0.20	0.20	0.010	7451704
Surrogate Recovery (%)									
4-Bromofluorobenzene	%	98			7451704	97			7451704
D4-1,2-Dichloroethane	%	111			7451704	110			7451704
D8-Toluene	%	95			7451704	96			7451704
RDL = Reportable Detection Limit QC Batch = Quality Control Batch Lab-Dup = Laboratory Initiated Duplicate									



BV Labs Job #: C1I9634
Report Date: 2021/07/13

Pinchin Ltd
Client Project #: 294348
Site Location: 1250 SOUTH SERVICE RD, TORONTO
Sampler Initials: ED

O.REG 153 VOCs BY HS (WATER)

BV Labs ID		QAW136	QAW137	QAW138	QAW248	QAW249			
Sampling Date		2021/07/08 15:55	2021/07/08	2021/07/08 10:30	2021/07/08 16:55	2021/07/08 15:43			
COC Number		835732-01-01	835732-01-01	835732-01-01	835732-01-01	835732-01-01			
	UNITS	MW14-8	DUP-080721	MW21-12	MW14-7	MW21-16	RDL	MDL	QC Batch
Calculated Parameters									
1,3-Dichloropropene (cis+trans)	ug/L	<0.50	<0.50	<0.50	<0.50	<0.50	0.50	0.50	7450684
Volatile Organics									
Acetone (2-Propanone)	ug/L	<10	<10	<10	<10	<10	10	1.0	7451704
Benzene	ug/L	<0.20	<0.20	<0.20	<0.20	0.26	0.20	0.020	7451704
Bromodichloromethane	ug/L	<0.50	<0.50	<0.50	<0.50	<0.50	0.50	0.050	7451704
Bromoform	ug/L	<1.0	<1.0	<1.0	<1.0	<1.0	1.0	0.10	7451704
Bromomethane	ug/L	<0.50	<0.50	<0.50	<0.50	<0.50	0.50	0.10	7451704
Carbon Tetrachloride	ug/L	<0.19	<0.19	<0.19	<0.19	<0.19	0.19	0.050	7451704
Chlorobenzene	ug/L	<0.20	<0.20	<0.20	<0.20	<0.20	0.20	0.010	7451704
Chloroform	ug/L	<0.20	<0.20	<0.20	<0.20	<0.20	0.20	0.050	7451704
Dibromochloromethane	ug/L	<0.50	<0.50	<0.50	<0.50	<0.50	0.50	0.050	7451704
1,2-Dichlorobenzene	ug/L	<0.40	<0.40	<0.40	<0.40	<0.40	0.40	0.050	7451704
1,3-Dichlorobenzene	ug/L	<0.40	<0.40	<0.40	<0.40	<0.40	0.40	0.050	7451704
1,4-Dichlorobenzene	ug/L	<0.40	<0.40	<0.40	<0.40	<0.40	0.40	0.050	7451704
Dichlorodifluoromethane (FREON 12)	ug/L	<1.0	<1.0	<1.0	<1.0	<1.0	1.0	0.050	7451704
1,1-Dichloroethane	ug/L	<0.20	<0.20	<0.20	<0.20	<0.20	0.20	0.050	7451704
1,2-Dichloroethane	ug/L	<0.49	<0.49	<0.49	<0.49	<0.49	0.49	0.020	7451704
1,1-Dichloroethylene	ug/L	<0.20	<0.20	<0.20	<0.20	<0.20	0.20	0.050	7451704
cis-1,2-Dichloroethylene	ug/L	<0.50	<0.50	<0.50	0.77	<0.50	0.50	0.050	7451704
trans-1,2-Dichloroethylene	ug/L	<0.50	<0.50	<0.50	<0.50	<0.50	0.50	0.050	7451704
1,2-Dichloropropane	ug/L	<0.20	<0.20	<0.20	<0.20	<0.20	0.20	0.050	7451704
cis-1,3-Dichloropropene	ug/L	<0.30	<0.30	<0.30	<0.30	<0.30	0.30	0.050	7451704
trans-1,3-Dichloropropene	ug/L	<0.40	<0.40	<0.40	<0.40	<0.40	0.40	0.050	7451704
Ethylbenzene	ug/L	<0.20	<0.20	<0.20	<0.20	<0.20	0.20	0.010	7451704
Ethylene Dibromide	ug/L	<0.19	<0.19	<0.19	<0.19	<0.19	0.19	0.050	7451704
Hexane	ug/L	<1.0	<1.0	<1.0	<1.0	<1.0	1.0	0.10	7451704
Methylene Chloride(Dichloromethane)	ug/L	<2.0	<2.0	<2.0	<2.0	<2.0	2.0	0.10	7451704
Methyl Ethyl Ketone (2-Butanone)	ug/L	<10	<10	<10	<10	<10	10	0.50	7451704
Methyl Isobutyl Ketone	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	5.0	0.10	7451704
Methyl t-butyl ether (MTBE)	ug/L	<0.50	<0.50	<0.50	<0.50	<0.50	0.50	0.050	7451704
Styrene	ug/L	<0.40	<0.40	<0.40	<0.40	<0.40	0.40	0.050	7451704
RDL = Reportable Detection Limit									
QC Batch = Quality Control Batch									



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VERITAS

BV Labs Job #: C1I9634

Report Date: 2021/07/13

Pinchin Ltd

Client Project #: 294348

Site Location: 1250 SOUTH SERVICE RD, TORONTO

Sampler Initials: ED

O.REG 153 VOCs BY HS (WATER)

BV Labs ID		QAW136	QAW137	QAW138	QAW248	QAW249			
Sampling Date		2021/07/08 15:55	2021/07/08	2021/07/08 10:30	2021/07/08 16:55	2021/07/08 15:43			
COC Number		835732-01-01	835732-01-01	835732-01-01	835732-01-01	835732-01-01			
	UNITS	MW14-8	DUP-080721	MW21-12	MW14-7	MW21-16	RDL	MDL	QC Batch
1,1,1,2-Tetrachloroethane	ug/L	<0.50	<0.50	<0.50	<0.50	<0.50	0.50	0.050	7451704
1,1,2,2-Tetrachloroethane	ug/L	<0.40	<0.40	<0.40	<0.40	<0.40	0.40	0.050	7451704
Tetrachloroethylene	ug/L	<0.20	0.22	<0.20	42	<0.20	0.20	0.050	7451704
Toluene	ug/L	<0.20	<0.20	<0.20	<0.20	<0.20	0.20	0.010	7451704
1,1,1-Trichloroethane	ug/L	<0.20	<0.20	<0.20	<0.20	<0.20	0.20	0.050	7451704
1,1,2-Trichloroethane	ug/L	<0.40	<0.40	<0.40	<0.40	<0.40	0.40	0.050	7451704
Trichloroethylene	ug/L	<0.20	<0.20	<0.20	1.0	<0.20	0.20	0.050	7451704
Trichlorofluoromethane (FREON 11)	ug/L	<0.50	<0.50	<0.50	<0.50	<0.50	0.50	0.10	7451704
Vinyl Chloride	ug/L	<0.20	<0.20	<0.20	<0.20	<0.20	0.20	0.050	7451704
p+m-Xylene	ug/L	<0.20	<0.20	<0.20	<0.20	<0.20	0.20	0.010	7451704
o-Xylene	ug/L	<0.20	<0.20	<0.20	<0.20	<0.20	0.20	0.010	7451704
Total Xylenes	ug/L	<0.20	<0.20	<0.20	<0.20	<0.20	0.20	0.010	7451704
Surrogate Recovery (%)									
4-Bromofluorobenzene	%	95	97	95	95	95			7451704
D4-1,2-Dichloroethane	%	108	110	110	109	107			7451704
D8-Toluene	%	96	96	96	95	96			7451704
RDL = Reportable Detection Limit									
QC Batch = Quality Control Batch									



BV Labs Job #: C1I9634
Report Date: 2021/07/13

Pinchin Ltd
Client Project #: 294348
Site Location: 1250 SOUTH SERVICE RD, TORONTO
Sampler Initials: ED

TEST SUMMARY

BV Labs ID: QAW135
Sample ID: MW21-19
Matrix: Water

Collected: 2021/07/08
Shipped:
Received: 2021/07/08

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
1,3-Dichloropropene Sum	CALC	7450684	N/A	2021/07/13	Automated Statchk
Volatile Organic Compounds in Water	GC/MS	7451704	N/A	2021/07/12	Juan Pangilinan

BV Labs ID: QAW135 Dup
Sample ID: MW21-19
Matrix: Water

Collected: 2021/07/08
Shipped:
Received: 2021/07/08

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Volatile Organic Compounds in Water	GC/MS	7451704	N/A	2021/07/12	Juan Pangilinan

BV Labs ID: QAW136
Sample ID: MW14-8
Matrix: Water

Collected: 2021/07/08
Shipped:
Received: 2021/07/08

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
1,3-Dichloropropene Sum	CALC	7450684	N/A	2021/07/13	Automated Statchk
Volatile Organic Compounds in Water	GC/MS	7451704	N/A	2021/07/12	Juan Pangilinan

BV Labs ID: QAW137
Sample ID: DUP-080721
Matrix: Water

Collected: 2021/07/08
Shipped:
Received: 2021/07/08

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
1,3-Dichloropropene Sum	CALC	7450684	N/A	2021/07/13	Automated Statchk
Volatile Organic Compounds in Water	GC/MS	7451704	N/A	2021/07/12	Juan Pangilinan

BV Labs ID: QAW138
Sample ID: MW21-12
Matrix: Water

Collected: 2021/07/08
Shipped:
Received: 2021/07/08

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
1,3-Dichloropropene Sum	CALC	7450684	N/A	2021/07/13	Automated Statchk
Volatile Organic Compounds in Water	GC/MS	7451704	N/A	2021/07/12	Juan Pangilinan

BV Labs ID: QAW139
Sample ID: MW21-25
Matrix: Water

Collected: 2021/07/08
Shipped:
Received: 2021/07/08

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Chloride by Automated Colourimetry	KONE	7453616	N/A	2021/07/09	Avneet Kour Sudan
Total Metals Analysis by ICP	ICP	7453259	2021/07/09	2021/07/12	Medhat Nasr



BV Labs Job #: C1I9634
Report Date: 2021/07/13

Pinchin Ltd
Client Project #: 294348
Site Location: 1250 SOUTH SERVICE RD, TORONTO
Sampler Initials: ED

TEST SUMMARY

BV Labs ID: QAW139 Dup
Sample ID: MW21-25
Matrix: Water

Collected: 2021/07/08
Shipped:
Received: 2021/07/08

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Total Metals Analysis by ICP	ICP	7453259	2021/07/09	2021/07/12	Medhat Nasr

BV Labs ID: QAW140
Sample ID: MW101
Matrix: Water

Collected: 2021/07/08
Shipped:
Received: 2021/07/08

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Chloride by Automated Colourimetry	KONE	7453616	N/A	2021/07/09	Avneet Kour Sudan
Total Metals Analysis by ICP	ICP	7453259	2021/07/09	2021/07/12	Medhat Nasr

BV Labs ID: QAW140 Dup
Sample ID: MW101
Matrix: Water

Collected: 2021/07/08
Shipped:
Received: 2021/07/08

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Chloride by Automated Colourimetry	KONE	7453616	N/A	2021/07/09	Avneet Kour Sudan

BV Labs ID: QAW141
Sample ID: DUP208072021
Matrix: Water

Collected: 2021/07/08
Shipped:
Received: 2021/07/08

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Chloride by Automated Colourimetry	KONE	7453616	N/A	2021/07/09	Avneet Kour Sudan
Total Metals Analysis by ICP	ICP	7453259	2021/07/09	2021/07/12	Medhat Nasr

BV Labs ID: QAW142
Sample ID: TRIP BLANK
Matrix: Water

Collected: 2021/07/08
Shipped:
Received: 2021/07/08

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
1,3-Dichloropropene Sum	CALC	7450684	N/A	2021/07/12	Automated Statchk
Volatile Organic Compounds and F1 PHCs	GC/MSFD	7450872	N/A	2021/07/09	Anna Gabrielyan

BV Labs ID: QAW236
Sample ID: MW21-30
Matrix: Water

Collected: 2021/07/08
Shipped:
Received: 2021/07/08

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Methylnaphthalene Sum	CALC	7450683	N/A	2021/07/13	Automated Statchk
Petroleum Hydro. CCME F1 & BTEX in Water	HSGC/MSFD	7456367	N/A	2021/07/11	Haibin Wu
Petroleum Hydrocarbons F2-F4 in Water	GC/FID	7457622	2021/07/12	2021/07/13	Anna Stuglik Rolland
PAH Compounds in Water by GC/MS (SIM)	GC/MS	7457619	2021/07/12	2021/07/13	Mitesh Raj



BV Labs Job #: C1I9634
Report Date: 2021/07/13

Pinchin Ltd
Client Project #: 294348
Site Location: 1250 SOUTH SERVICE RD, TORONTO
Sampler Initials: ED

TEST SUMMARY

BV Labs ID: QAW248
Sample ID: MW14-7
Matrix: Water

Collected: 2021/07/08
Shipped:
Received: 2021/07/08

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
1,3-Dichloropropene Sum	CALC	7450684	N/A	2021/07/13	Automated Statchk
Volatile Organic Compounds in Water	GC/MS	7451704	N/A	2021/07/12	Juan Pangilinan

BV Labs ID: QAW249
Sample ID: MW21-16
Matrix: Water

Collected: 2021/07/08
Shipped:
Received: 2021/07/08

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
1,3-Dichloropropene Sum	CALC	7450684	N/A	2021/07/13	Automated Statchk
Volatile Organic Compounds in Water	GC/MS	7451704	N/A	2021/07/12	Juan Pangilinan



GENERAL COMMENTS

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

Package 1	6.3°C
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Cooler custody seal was present and intact.

All 40 ml vials for F1BTX and VOC analyses contained visible sediment for sample MW21-30, MW14-7 and MW21-16 .

All 100 ml amber glass bottles for F2-F4 and PAH analyses contained visible sediment, which was included in the extraction for samples MW21-30, MW14-7 and MW21-16 .

Results relate only to the items tested.

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VERITAS

BV Labs Job #: C119634

Report Date: 2021/07/13

QUALITY ASSURANCE REPORT

Pinchin Ltd

Client Project #: 294348

Site Location: 1250 SOUTH SERVICE RD, TORONTO

Sampler Initials: ED

QC Batch	Parameter	Date	Matrix Spike		SPIKED BLANK		Method Blank		RPD	
			% Recovery	QC Limits	% Recovery	QC Limits	Value	UNITS	Value (%)	QC Limits
7450872	4-Bromofluorobenzene	2021/07/09	103	70 - 130	104	70 - 130	86	%		
7450872	D4-1,2-Dichloroethane	2021/07/09	101	70 - 130	102	70 - 130	101	%		
7450872	D8-Toluene	2021/07/09	101	70 - 130	99	70 - 130	105	%		
7451704	4-Bromofluorobenzene	2021/07/12	98	70 - 130	98	70 - 130	96	%		
7451704	D4-1,2-Dichloroethane	2021/07/12	106	70 - 130	99	70 - 130	101	%		
7451704	D8-Toluene	2021/07/12	100	70 - 130	104	70 - 130	99	%		
7456367	1,4-Difluorobenzene	2021/07/11	97	70 - 130	98	70 - 130	108	%		
7456367	4-Bromofluorobenzene	2021/07/11	103	70 - 130	103	70 - 130	88	%		
7456367	D10-o-Xylene	2021/07/11	89	70 - 130	92	70 - 130	107	%		
7456367	D4-1,2-Dichloroethane	2021/07/11	107	70 - 130	104	70 - 130	111	%		
7457619	D10-Anthracene	2021/07/12	101	50 - 130	105	50 - 130	104	%		
7457619	D14-Terphenyl (FS)	2021/07/12	101	50 - 130	117	50 - 130	115	%		
7457619	D8-Acenaphthylene	2021/07/12	99	50 - 130	101	50 - 130	99	%		
7457622	o-Terphenyl	2021/07/13	98	60 - 130	102	60 - 130	97	%		
7450872	1,1,1,2-Tetrachloroethane	2021/07/09	91	70 - 130	90	70 - 130	<0.50	ug/L	NC	30
7450872	1,1,1-Trichloroethane	2021/07/09	94	70 - 130	93	70 - 130	<0.20	ug/L	NC	30
7450872	1,1,2,2-Tetrachloroethane	2021/07/09	90	70 - 130	91	70 - 130	<0.50	ug/L	NC	30
7450872	1,1,2-Trichloroethane	2021/07/09	95	70 - 130	95	70 - 130	<0.50	ug/L	NC	30
7450872	1,1-Dichloroethane	2021/07/09	90	70 - 130	90	70 - 130	<0.20	ug/L	NC	30
7450872	1,1-Dichloroethylene	2021/07/09	94	70 - 130	94	70 - 130	<0.20	ug/L	NC	30
7450872	1,2-Dichlorobenzene	2021/07/09	91	70 - 130	91	70 - 130	<0.50	ug/L	NC	30
7450872	1,2-Dichloroethane	2021/07/09	89	70 - 130	90	70 - 130	<0.50	ug/L	NC	30
7450872	1,2-Dichloropropane	2021/07/09	95	70 - 130	96	70 - 130	<0.20	ug/L	NC	30
7450872	1,3-Dichlorobenzene	2021/07/09	96	70 - 130	97	70 - 130	<0.50	ug/L	NC	30
7450872	1,4-Dichlorobenzene	2021/07/09	92	70 - 130	96	70 - 130	<0.50	ug/L	NC	30
7450872	Acetone (2-Propanone)	2021/07/09	94	60 - 140	100	60 - 140	<10	ug/L	NC	30
7450872	Benzene	2021/07/09	86	70 - 130	86	70 - 130	<0.20	ug/L	NC	30
7450872	Bromodichloromethane	2021/07/09	90	70 - 130	91	70 - 130	<0.50	ug/L	NC	30
7450872	Bromoform	2021/07/09	89	70 - 130	90	70 - 130	<1.0	ug/L	NC	30
7450872	Bromomethane	2021/07/09	91	60 - 140	92	60 - 140	<0.50	ug/L	NC	30
7450872	Carbon Tetrachloride	2021/07/09	91	70 - 130	91	70 - 130	<0.20	ug/L	NC	30

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VERITAS

BV Labs Job #: C1I9634

Report Date: 2021/07/13

QUALITY ASSURANCE REPORT(CONT'D)

Pinchin Ltd

Client Project #: 294348

Site Location: 1250 SOUTH SERVICE RD, TORONTO

Sampler Initials: ED

QC Batch	Parameter	Date	Matrix Spike		SPIKED BLANK		Method Blank		RPD	
			% Recovery	QC Limits	% Recovery	QC Limits	Value	UNITS	Value (%)	QC Limits
7450872	Chlorobenzene	2021/07/09	93	70 - 130	93	70 - 130	<0.20	ug/L	NC	30
7450872	Chloroform	2021/07/09	94	70 - 130	94	70 - 130	<0.20	ug/L	NC	30
7450872	cis-1,2-Dichloroethylene	2021/07/09	94	70 - 130	94	70 - 130	<0.50	ug/L	NC	30
7450872	cis-1,3-Dichloropropene	2021/07/09	90	70 - 130	84	70 - 130	<0.30	ug/L	NC	30
7450872	Dibromochloromethane	2021/07/09	88	70 - 130	88	70 - 130	<0.50	ug/L	NC	30
7450872	Dichlorodifluoromethane (FREON 12)	2021/07/09	83	60 - 140	83	60 - 140	<1.0	ug/L	NC	30
7450872	Ethylbenzene	2021/07/09	86	70 - 130	85	70 - 130	<0.20	ug/L	NC	30
7450872	Ethylene Dibromide	2021/07/09	91	70 - 130	92	70 - 130	<0.20	ug/L	NC	30
7450872	F1 (C6-C10) - BTEX	2021/07/09					<25	ug/L	NC	30
7450872	F1 (C6-C10)	2021/07/09	101	60 - 140	98	60 - 140	<25	ug/L	NC	30
7450872	Hexane	2021/07/09	95	70 - 130	94	70 - 130	<1.0	ug/L	NC	30
7450872	Methyl Ethyl Ketone (2-Butanone)	2021/07/09	99	60 - 140	105	60 - 140	<10	ug/L	NC	30
7450872	Methyl Isobutyl Ketone	2021/07/09	84	70 - 130	90	70 - 130	<5.0	ug/L	NC	30
7450872	Methyl t-butyl ether (MTBE)	2021/07/09	87	70 - 130	88	70 - 130	<0.50	ug/L	NC	30
7450872	Methylene Chloride(Dichloromethane)	2021/07/09	94	70 - 130	94	70 - 130	<2.0	ug/L	NC	30
7450872	o-Xylene	2021/07/09	87	70 - 130	87	70 - 130	<0.20	ug/L	NC	30
7450872	p+m-Xylene	2021/07/09	90	70 - 130	90	70 - 130	<0.20	ug/L	NC	30
7450872	Styrene	2021/07/09	95	70 - 130	97	70 - 130	<0.50	ug/L	NC	30
7450872	Tetrachloroethylene	2021/07/09	89	70 - 130	87	70 - 130	<0.20	ug/L	NC	30
7450872	Toluene	2021/07/09	86	70 - 130	85	70 - 130	<0.20	ug/L	NC	30
7450872	Total Xylenes	2021/07/09					<0.20	ug/L	NC	30
7450872	trans-1,2-Dichloroethylene	2021/07/09	91	70 - 130	92	70 - 130	<0.50	ug/L	NC	30
7450872	trans-1,3-Dichloropropene	2021/07/09	95	70 - 130	86	70 - 130	<0.40	ug/L	NC	30
7450872	Trichloroethylene	2021/07/09	97	70 - 130	97	70 - 130	<0.20	ug/L	NC	30
7450872	Trichlorofluoromethane (FREON 11)	2021/07/09	94	70 - 130	93	70 - 130	<0.50	ug/L	NC	30
7450872	Vinyl Chloride	2021/07/09	92	70 - 130	90	70 - 130	<0.20	ug/L	NC	30
7451704	1,1,1,2-Tetrachloroethane	2021/07/12	106	70 - 130	107	70 - 130	<0.50	ug/L	NC	30
7451704	1,1,1-Trichloroethane	2021/07/12	104	70 - 130	108	70 - 130	<0.20	ug/L	NC	30
7451704	1,1,2,2-Tetrachloroethane	2021/07/12	111	70 - 130	102	70 - 130	<0.40	ug/L	NC	30
7451704	1,1,2-Trichloroethane	2021/07/12	111	70 - 130	105	70 - 130	<0.40	ug/L	NC	30
7451704	1,1-Dichloroethane	2021/07/12	105	70 - 130	103	70 - 130	<0.20	ug/L	NC	30

BUREAU
VERITAS

BV Labs Job #: C119634

Report Date: 2021/07/13

QUALITY ASSURANCE REPORT(CONT'D)

Pinchin Ltd

Client Project #: 294348

Site Location: 1250 SOUTH SERVICE RD, TORONTO

Sampler Initials: ED

QC Batch	Parameter	Date	Matrix Spike		SPIKED BLANK		Method Blank		RPD	
			% Recovery	QC Limits	% Recovery	QC Limits	Value	UNITS	Value (%)	QC Limits
7451704	1,1-Dichloroethylene	2021/07/12	104	70 - 130	106	70 - 130	<0.20	ug/L	NC	30
7451704	1,2-Dichlorobenzene	2021/07/12	101	70 - 130	101	70 - 130	<0.40	ug/L	NC	30
7451704	1,2-Dichloroethane	2021/07/12	106	70 - 130	98	70 - 130	<0.49	ug/L	NC	30
7451704	1,2-Dichloropropane	2021/07/12	107	70 - 130	105	70 - 130	<0.20	ug/L	NC	30
7451704	1,3-Dichlorobenzene	2021/07/12	101	70 - 130	103	70 - 130	<0.40	ug/L	NC	30
7451704	1,4-Dichlorobenzene	2021/07/12	117	70 - 130	119	70 - 130	<0.40	ug/L	NC	30
7451704	Acetone (2-Propanone)	2021/07/12	119	60 - 140	106	60 - 140	<10	ug/L	NC	30
7451704	Benzene	2021/07/12	99	70 - 130	97	70 - 130	<0.20	ug/L	NC	30
7451704	Bromodichloromethane	2021/07/12	110	70 - 130	106	70 - 130	<0.50	ug/L	NC	30
7451704	Bromoform	2021/07/12	104	70 - 130	97	70 - 130	<1.0	ug/L	NC	30
7451704	Bromomethane	2021/07/12	103	60 - 140	105	60 - 140	<0.50	ug/L	NC	30
7451704	Carbon Tetrachloride	2021/07/12	100	70 - 130	104	70 - 130	<0.19	ug/L	NC	30
7451704	Chlorobenzene	2021/07/12	105	70 - 130	106	70 - 130	<0.20	ug/L	NC	30
7451704	Chloroform	2021/07/12	105	70 - 130	105	70 - 130	<0.20	ug/L	NC	30
7451704	cis-1,2-Dichloroethylene	2021/07/12	112	70 - 130	109	70 - 130	<0.50	ug/L	NC	30
7451704	cis-1,3-Dichloropropene	2021/07/12	116	70 - 130	109	70 - 130	<0.30	ug/L	NC	30
7451704	Dibromochloromethane	2021/07/12	103	70 - 130	99	70 - 130	<0.50	ug/L	NC	30
7451704	Dichlorodifluoromethane (FREON 12)	2021/07/12	94	60 - 140	96	60 - 140	<1.0	ug/L	NC	30
7451704	Ethylbenzene	2021/07/12	97	70 - 130	103	70 - 130	<0.20	ug/L	NC	30
7451704	Ethylene Dibromide	2021/07/12	108	70 - 130	100	70 - 130	<0.19	ug/L	NC	30
7451704	Hexane	2021/07/12	111	70 - 130	111	70 - 130	<1.0	ug/L	NC	30
7451704	Methyl Ethyl Ketone (2-Butanone)	2021/07/12	130	60 - 140	113	60 - 140	<10	ug/L	NC	30
7451704	Methyl Isobutyl Ketone	2021/07/12	126	70 - 130	113	70 - 130	<5.0	ug/L	NC	30
7451704	Methyl t-butyl ether (MTBE)	2021/07/12	97	70 - 130	96	70 - 130	<0.50	ug/L	NC	30
7451704	Methylene Chloride(Dichloromethane)	2021/07/12	128	70 - 130	124	70 - 130	<2.0	ug/L	NC	30
7451704	o-Xylene	2021/07/12	94	70 - 130	99	70 - 130	<0.20	ug/L	NC	30
7451704	p+m-Xylene	2021/07/12	102	70 - 130	107	70 - 130	<0.20	ug/L	NC	30
7451704	Styrene	2021/07/12	106	70 - 130	110	70 - 130	<0.40	ug/L	NC	30
7451704	Tetrachloroethylene	2021/07/12	92	70 - 130	97	70 - 130	<0.20	ug/L	0.88	30
7451704	Toluene	2021/07/12	98	70 - 130	102	70 - 130	<0.20	ug/L	NC	30
7451704	Total Xylenes	2021/07/12					<0.20	ug/L	NC	30

BUREAU
VERITAS

BV Labs Job #: C1I9634

Report Date: 2021/07/13

QUALITY ASSURANCE REPORT(CONT'D)

Pinchin Ltd

Client Project #: 294348

Site Location: 1250 SOUTH SERVICE RD, TORONTO

Sampler Initials: ED

QC Batch	Parameter	Date	Matrix Spike		SPIKED BLANK		Method Blank		RPD	
			% Recovery	QC Limits	% Recovery	QC Limits	Value	UNITS	Value (%)	QC Limits
7451704	trans-1,2-Dichloroethylene	2021/07/12	108	70 - 130	110	70 - 130	<0.50	ug/L	NC	30
7451704	trans-1,3-Dichloropropene	2021/07/12	129	70 - 130	117	70 - 130	<0.40	ug/L	NC	30
7451704	Trichloroethylene	2021/07/12	107	70 - 130	110	70 - 130	<0.20	ug/L	NC	30
7451704	Trichlorofluoromethane (FREON 11)	2021/07/12	99	70 - 130	103	70 - 130	<0.50	ug/L	NC	30
7451704	Vinyl Chloride	2021/07/12	102	70 - 130	106	70 - 130	<0.20	ug/L	NC	30
7453259	Total Sodium (Na)	2021/07/12	NC	80 - 120	98	80 - 120	<0.5	mg/L	2.2	25
7453616	Dissolved Chloride (Cl-)	2021/07/09	NC	80 - 120	102	80 - 120	<1.0	mg/L	4.0	20
7456367	Benzene	2021/07/11	105	50 - 140	105	50 - 140	<0.20	ug/L	NC	30
7456367	Ethylbenzene	2021/07/11	108	50 - 140	112	50 - 140	<0.20	ug/L	NC	30
7456367	F1 (C6-C10) - BTEX	2021/07/11					<25	ug/L	NC	30
7456367	F1 (C6-C10)	2021/07/11	94	60 - 140	97	60 - 140	<25	ug/L	NC	30
7456367	o-Xylene	2021/07/11	107	50 - 140	110	50 - 140	<0.20	ug/L	NC	30
7456367	p+m-Xylene	2021/07/11	104	50 - 140	106	50 - 140	<0.40	ug/L	NC	30
7456367	Toluene	2021/07/11	97	50 - 140	100	50 - 140	<0.20	ug/L	NC	30
7456367	Total Xylenes	2021/07/11					<0.40	ug/L	NC	30
7457619	1-Methylnaphthalene	2021/07/12	104	50 - 130	105	50 - 130	<0.050	ug/L	NC	30
7457619	2-Methylnaphthalene	2021/07/12	102	50 - 130	104	50 - 130	<0.050	ug/L	NC	30
7457619	Acenaphthene	2021/07/12	95	50 - 130	98	50 - 130	<0.050	ug/L	NC	30
7457619	Acenaphthylene	2021/07/12	93	50 - 130	94	50 - 130	<0.050	ug/L	NC	30
7457619	Anthracene	2021/07/12	94	50 - 130	95	50 - 130	<0.050	ug/L	NC	30
7457619	Benzo(a)anthracene	2021/07/12	105	50 - 130	109	50 - 130	<0.050	ug/L	NC	30
7457619	Benzo(a)pyrene	2021/07/12	91	50 - 130	96	50 - 130	<0.0090	ug/L	NC	30
7457619	Benzo(b/j)fluoranthene	2021/07/12	95	50 - 130	101	50 - 130	<0.050	ug/L	NC	30
7457619	Benzo(g,h,i)perylene	2021/07/12	98	50 - 130	105	50 - 130	<0.050	ug/L	NC	30
7457619	Benzo(k)fluoranthene	2021/07/12	103	50 - 130	102	50 - 130	<0.050	ug/L	NC	30
7457619	Chrysene	2021/07/12	95	50 - 130	99	50 - 130	<0.050	ug/L	NC	30
7457619	Dibenzo(a,h)anthracene	2021/07/12	121	50 - 130	126	50 - 130	<0.050	ug/L	NC	30
7457619	Fluoranthene	2021/07/12	112	50 - 130	115	50 - 130	<0.050	ug/L	NC	30
7457619	Fluorene	2021/07/12	104	50 - 130	107	50 - 130	<0.050	ug/L	NC	30
7457619	Indeno(1,2,3-cd)pyrene	2021/07/12	106	50 - 130	117	50 - 130	<0.050	ug/L	NC	30
7457619	Naphthalene	2021/07/12	93	50 - 130	94	50 - 130	<0.050	ug/L	NC	30



BUREAU
VERITAS

BV Labs Job #: C1I9634

Report Date: 2021/07/13

QUALITY ASSURANCE REPORT(CONT'D)

Pinchin Ltd

Client Project #: 294348

Site Location: 1250 SOUTH SERVICE RD, TORONTO

Sampler Initials: ED

QC Batch	Parameter	Date	Matrix Spike		SPIKED BLANK		Method Blank		RPD	
			% Recovery	QC Limits	% Recovery	QC Limits	Value	UNITS	Value (%)	QC Limits
7457619	Phenanthrene	2021/07/12	94	50 - 130	98	50 - 130	<0.030	ug/L	NC	30
7457619	Pyrene	2021/07/12	107	50 - 130	109	50 - 130	<0.050	ug/L	NC	30
7457622	F2 (C10-C16 Hydrocarbons)	2021/07/13	93	60 - 130	100	60 - 130	<100	ug/L	NC	30
7457622	F3 (C16-C34 Hydrocarbons)	2021/07/13	96	60 - 130	105	60 - 130	<200	ug/L	NC	30
7457622	F4 (C34-C50 Hydrocarbons)	2021/07/13	98	60 - 130	106	60 - 130	<200	ug/L	NC	30

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

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

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

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

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

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

NC (Duplicate RPD): The duplicate RPD was not calculated. The concentration in the sample and/or duplicate was too low to permit a reliable RPD calculation (absolute difference $\leq 2 \times \text{RDL}$).



FUNDAMENTAL LABORATORY ACCEPTANCE GUIDELINE

Invoice To:

Pinchin Ltd
ATTN: Accounts Payable
2470 Milltower Crt
Mississauga, ON
CANADA L5N 7W5
Client Contact:
Toby Glanville

BV Labs Job #:	C1I9634
Date Received:	2021/07/08
Your C.O.C. #:	835732-01-01
Your Project #:	294348
BV Labs Project Manager:	Antonella Brasil
Quote #:	A70927

No discrepancies noted.

Report Comments

Received Date:	<u>2021/07/08</u>	Time:	<u>19:12</u>	By:	_____
Inspected Date:	_____	Time:	_____	By:	_____
FLAG Created Date:	_____	Time:	_____	By:	_____



BUREAU
VERITAS

BV Labs Job #: C1I9634

Report Date: 2021/07/13

Pinchin Ltd

Client Project #: 294348

Site Location: 1250 SOUTH SERVICE RD, TORONTO

Sampler Initials: ED

VALIDATION SIGNATURE PAGE

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

Anastassia Hamanov, Scientific Specialist

BV Labs has procedures in place to guard against improper use of the electronic signature and have the required "signatories", as per ISO/IEC 17025, signing the reports. For Service Group specific validation please refer to the Validation Signature Page.



RUSH!

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

CHAIN OF CUSTODY RECORD

Page 2 of 2

INVOICE TO:		REPORT TO:		PROJECT INFORMATION:		Laboratory Use Only:	
Company Name: #3103 Pinchin Ltd		Company Name: <u>Derik Tam Toby Glenville</u>		Quotation #: A70927		BV Labs Job #:	
Attention: Accounts Payable		Attention: <u>Derik Tam Toby Glenville</u>		P.O. #:		Bottle Order #:	
Address: 2470 Milltower Crt		Address:		Project: 418666-001 204342		COC #:	
Mississauga ON L5N 7W5				Project Name:		Project Manager:	
Tel: (905) 363-0678 Fax: (905) 363-0681		Tel: dtam@pinchin.com- tkglenville@pinchin.com		Site #: 1250 South Service Rd, Toronto		Anicella Brasil	
Email: ap@pinchin.com		Email:		Sampled By: SP1AN 16D		C#620707-01-01	

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

Regulation 153 (2011) ☐ Table 1 ☒ Res/Park ☐ Medium/Fine ☒ Table 2 ☐ Ind/Comm ☒ Coarse ☐ Table 3 ☐ Agri/Other ☒ For RSC ☐ Table _____			Other Regulations ☐ CCME ☐ Sanitary Sewer Bylaw ☐ Reg 558 ☐ Storm Sewer Bylaw ☐ MISA ☐ Municipality _____ ☐ PWQO ☐ Reg 406 Table _____ ☐ Other _____			Special Instructions <u>FOR RSC</u>			ANALYSIS REQUESTED (PLEASE BE SPECIFIC) Field Filtered (Please Circle): Metals / Hg / Cr / V ☐ O Reg 153 PHCs, BTEX/F1-F4 ☒ PAHs ☒ VOCs ☒										Turnaround Time (TAT) Required: Please provide advance notice for rush projects Regular (Standard) TAT: (will be applied if Rush TAT is not specified): Standard TAT = 5-7 Working days for most tests. Please note: Standard TAT for certain tests such as BOD and Dioxins/Furans are > 5 days - contact your Project Manager for details. Job Specific Rush TAT (if applies to entire submission) 3-day TAT Date Required: <u>July 13, 2021</u> Time Required: <u>17:00</u> ☒ Rush Confirmation Number: <u>AB070810</u> (call lab for #)	
Include Criteria on Certificate of Analysis (Y/N)?																				
Sample Barcode Label	Sample (Location) Identification	Date Sampled	Time Sampled	Matrix	Field Filtered (Please Circle): Metals / Hg / Cr / V	O Reg 153 PHCs, BTEX/F1-F4	PAHs	VOCs								# of Bottles	Comments			
1	MW21-30	2021/07/08	6:05 pm	GW	No	☒	☒									3	Limited sample volume available ∴ only 1 amber bottle + 2 vials. visible sediment present in vials only.			
2	MW14-7	↓	4:55 pm	↓	No			☒								3	visible sediment present in vials.			
3	MW21-16	↓	3:43 pm	↓	NO			☒								3	visible sediment present in vials. ∴ Low sample volume available.			
4																				
5																				
6																				
7																				
8																				
9																				
10																				

* RELINQUISHED BY: (Signature/Print)		Date: (YY/MM/DD)	Time	RECEIVED BY: (Signature/Print)		Date: (YY/MM/DD)	Time	# jars used and not submitted	Laboratory Use Only				
<u>Elyse Doane</u>		21/07/08	7:05 pm	<u>See pg 1</u>					Time Sensitive	Temperature (°C) on Reel	Custody Seal	Yes	No
											Present		
											Intact		

* UNLESS OTHERWISE AGREED TO IN WRITING, WORK SUBMITTED ON THIS CHAIN OF CUSTODY IS SUBJECT TO BV LABS' STANDARD TERMS AND CONDITIONS. SIGNING OF THIS CHAIN OF CUSTODY DOCUMENT IS ACKNOWLEDGMENT AND ACCEPTANCE OF OUR TERMS WHICH ARE AVAILABLE FOR VIEWING AT WWW.BVLABS.COM/TERMS-AND-CONDITIONS.

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

** SAMPLE CONTAINER, PRESERVATION, HOLD TIME AND PACKAGE INFORMATION CAN BE VIEWED AT WWW.BVLABS.COM/RESOURCES/CHAIN-OF-CUSTODY-FORMS.

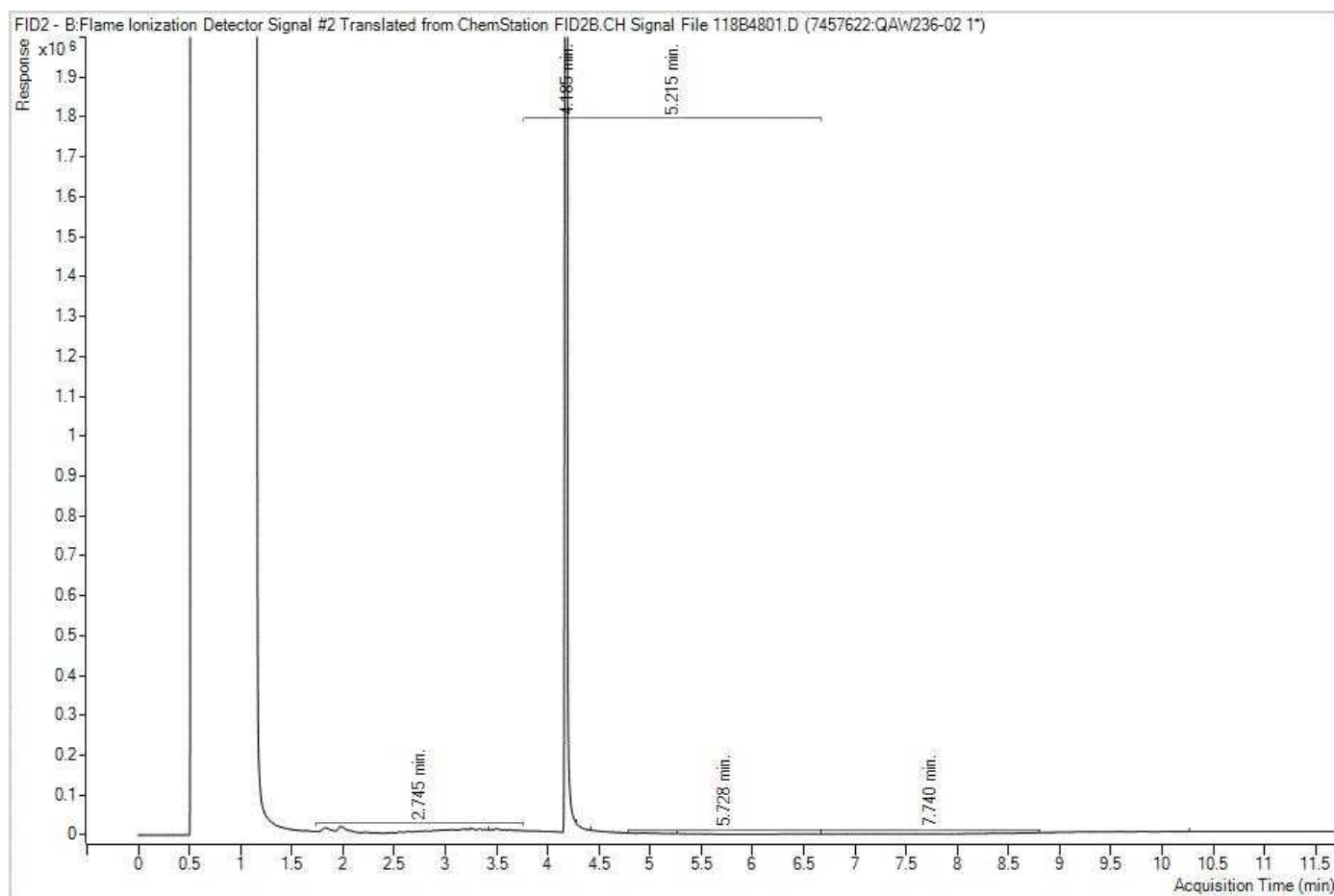
SAMPLES MUST BE KEPT COOL (< 10° C) FROM TIME OF SAMPLING UNTIL DELIVERY TO BV LABS

White: BV Labs Yellow: Client

BV Labs Job #: C1I9634
Report Date: 2021/07/13
BV Labs Sample: QAW236

Pinchin Ltd
Client Project #: 294348
Project name: 1250 SOUTH SERVICE RD, TORONTO
Client ID: MW21-30

Petroleum Hydrocarbons F2-F4 in Water Chromatogram



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



Your Project #: 294348
 Site Location: 1250 SOUTH SERVICE ROAD
 Your C.O.C. #: 835142-01-01, 835142-02-01

Attention: Robert MacKenzie

Pinchin Ltd
 2470 Milltower Crt
 Mississauga, ON
 CANADA L5N 7W5

Report Date: 2021/07/15
 Report #: R6720145
 Version: 1 - Final

CERTIFICATE OF ANALYSIS

BV LABS JOB #: C1J1447

Received: 2021/07/10, 08:26

Sample Matrix: Water
 # Samples Received: 14

Analyses	Quantity	Date Extracted	Date Analyzed	Laboratory Method	Analytical Method
Methylnaphthalene Sum	4	N/A	2021/07/15	CAM SOP-00301	EPA 8270D m
1,3-Dichloropropene Sum	8	N/A	2021/07/12		EPA 8260C m
1,3-Dichloropropene Sum	4	N/A	2021/07/13		EPA 8260C m
Chloride by Automated Colourimetry	2	N/A	2021/07/12	CAM SOP-00463	SM 23 4500-Cl E m
Petroleum Hydrocarbons F2-F4 in Water (1)	4	2021/07/14	2021/07/15	CAM SOP-00316	CCME PHC-CWS m
Dissolved Metals by ICPMS	2	N/A	2021/07/13	CAM SOP-00447	EPA 6020B m
PAH Compounds in Water by GC/MS (SIM)	4	2021/07/14	2021/07/15	CAM SOP-00318	EPA 8270D m
Volatile Organic Compounds and F1 PHCs	4	N/A	2021/07/12	CAM SOP-00230	EPA 8260C m
Volatile Organic Compounds in Water	8	N/A	2021/07/11	CAM SOP-00228	EPA 8260C m

Remarks:

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

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

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

Solid sample results, except biota, are based on dry weight unless otherwise indicated. Organic analyses are not recovery corrected except for isotope dilution methods.

Results relate to samples tested. When sampling is not conducted by Bureau Veritas, results relate to the supplied samples tested.

This Certificate shall not be reproduced except in full, without the written approval of the laboratory.

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

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

(1) All CCME PHC results met required criteria unless otherwise stated in the report. The CWS PHC methods employed by Bureau Veritas Laboratories conform to all prescribed elements of the reference method and performance based elements have been validated. All modifications have been validated and proven equivalent following "Alberta



Your Project #: 294348
Site Location: 1250 SOUTH SERVICE ROAD
Your C.O.C. #: 835142-01-01, 835142-02-01

Attention: Robert MacKenzie

Pinchin Ltd
2470 Milltower Crt
Mississauga, ON
CANADA L5N 7W5

Report Date: 2021/07/15
Report #: R6720145
Version: 1 - Final

CERTIFICATE OF ANALYSIS

BV LABS JOB #: C1J1447

Received: 2021/07/10, 08:26

Environment's Interpretation of the Reference Method for the Canada-Wide Standard for Petroleum Hydrocarbons in Soil Validation of Performance-Based Alternative Methods September 2003". Documentation is available upon request. Modifications from Reference Method for the Canada-wide Standard for Petroleum Hydrocarbons in Soil-Tier 1 Method: F2/F3/F4 data reported using validated cold solvent extraction instead of Soxhlet extraction.

Encryption Key

Please direct all questions regarding this Certificate of Analysis to your Project Manager.

Antonella Brasil, Senior Project Manager

Email: Antonella.Brasil@bureauveritas.com

Phone# (905)817-5817

=====

This report has been generated and distributed using a secure automated process.

BV Labs has procedures in place to guard against improper use of the electronic signature and have the required "signatories", as per ISO/IEC 17025, signing the reports. For Service Group specific validation please refer to the Validation Signature Page.



BUREAU
VERITAS

BV Labs Job #: C1J1447

Report Date: 2021/07/15

Pinchin Ltd

Client Project #: 294348

Site Location: 1250 SOUTH SERVICE ROAD

Sampler Initials: SP

RESULTS OF ANALYSES OF WATER

BV Labs ID		QBF540			QBF543			
Sampling Date		2021/07/09 09:30			2021/07/09 18:45			
COC Number		835142-01-01			835142-01-01			
	UNITS	MW15-2	RDL	MDL	MW103	RDL	MDL	QC Batch
Inorganics								
Dissolved Chloride (Cl-)	mg/L	2800	40	12	1300	20	6.0	7455947
RDL = Reportable Detection Limit								
QC Batch = Quality Control Batch								



BUREAU
VERITAS

BV Labs Job #: C1J1447

Report Date: 2021/07/15

Pinchin Ltd

Client Project #: 294348

Site Location: 1250 SOUTH SERVICE ROAD

Sampler Initials: SP

O.REG 153 DISSOLVED ICPMS METALS (WATER)

BV Labs ID		QBF540	QBF543			
Sampling Date		2021/07/09 09:30	2021/07/09 18:45			
COC Number		835142-01-01	835142-01-01			
	UNITS	MW15-2	MW103	RDL	MDL	QC Batch
Metals						
Dissolved Sodium (Na)	ug/L	1800000	1100000	500	500	7456728
RDL = Reportable Detection Limit						
QC Batch = Quality Control Batch						



BV Labs Job #: C1J1447
Report Date: 2021/07/15

Pinchin Ltd
Client Project #: 294348
Site Location: 1250 SOUTH SERVICE ROAD
Sampler Initials: SP

O.REG 153 PAHS (WATER)

BV Labs ID		QBF544	QBF545	QBF547	QBF550			
Sampling Date		2021/07/09 20:20	2021/07/09 16:35	2021/07/09 12:00	2021/07/09			
COC Number		835142-01-01	835142-01-01	835142-01-01	835142-02-01			
	UNITS	MW-2	MW09-5	MW21-14	DUP2-090721	RDL	MDL	QC Batch
Calculated Parameters								
Methylnaphthalene, 2-(1-)	ug/L	<0.071	<0.071	<0.071	<0.071	0.071	N/A	7455638
Polyaromatic Hydrocarbons								
Acenaphthene	ug/L	<0.050	<0.050	<0.050	<0.050	0.050	0.0030	7462430
Acenaphthylene	ug/L	<0.050	<0.050	<0.050	<0.050	0.050	0.0030	7462430
Anthracene	ug/L	<0.050	<0.050	<0.050	<0.050	0.050	0.0030	7462430
Benzo(a)anthracene	ug/L	<0.050	<0.050	<0.050	<0.050	0.050	0.0030	7462430
Benzo(a)pyrene	ug/L	<0.0090	<0.0090	<0.0090	<0.0090	0.0090	0.0030	7462430
Benzo(b,j)fluoranthene	ug/L	<0.050	<0.050	<0.050	<0.050	0.050	0.0030	7462430
Benzo(g,h,i)perylene	ug/L	<0.050	<0.050	<0.050	<0.050	0.050	0.0030	7462430
Benzo(k)fluoranthene	ug/L	<0.050	<0.050	<0.050	<0.050	0.050	0.0030	7462430
Chrysene	ug/L	<0.050	<0.050	<0.050	<0.050	0.050	0.0030	7462430
Dibenzo(a,h)anthracene	ug/L	<0.050	<0.050	<0.050	<0.050	0.050	0.0030	7462430
Fluoranthene	ug/L	<0.050	<0.050	<0.050	<0.050	0.050	0.0030	7462430
Fluorene	ug/L	<0.050	<0.050	<0.050	<0.050	0.050	0.0030	7462430
Indeno(1,2,3-cd)pyrene	ug/L	<0.050	<0.050	<0.050	<0.050	0.050	0.0030	7462430
1-Methylnaphthalene	ug/L	<0.050	<0.050	<0.050	<0.050	0.050	0.0030	7462430
2-Methylnaphthalene	ug/L	<0.050	<0.050	<0.050	<0.050	0.050	0.0030	7462430
Naphthalene	ug/L	<0.050	<0.050	<0.050	<0.050	0.050	0.0030	7462430
Phenanthrene	ug/L	<0.030	<0.030	<0.030	<0.030	0.030	0.0030	7462430
Pyrene	ug/L	<0.050	<0.050	<0.050	<0.050	0.050	0.0030	7462430
Surrogate Recovery (%)								
D10-Anthracene	%	107	112	107	109			7462430
D14-Terphenyl (FS)	%	104	94	102	100			7462430
D8-Acenaphthylene	%	100	107	103	98			7462430
RDL = Reportable Detection Limit QC Batch = Quality Control Batch N/A = Not Applicable								



BV Labs Job #: C1J1447
Report Date: 2021/07/15

Pinchin Ltd
Client Project #: 294348
Site Location: 1250 SOUTH SERVICE ROAD
Sampler Initials: SP

O.REG 153 VOCs BY HS & F1-F4 (WATER)

BV Labs ID		QBF544	QBF545	QBF547	QBF550			
Sampling Date		2021/07/09 20:20	2021/07/09 16:35	2021/07/09 12:00	2021/07/09			
COC Number		835142-01-01	835142-01-01	835142-01-01	835142-02-01			
	UNITS	MW-2	MW09-5	MW21-14	DUP2-090721	RDL	MDL	QC Batch
Calculated Parameters								
1,3-Dichloropropene (cis+trans)	ug/L	<0.50	<0.50	<0.50	<0.50	0.50	0.50	7455601
Volatile Organics								
Acetone (2-Propanone)	ug/L	<10	<10	<10	<10	10	1.0	7455739
Benzene	ug/L	<0.20	<0.20	<0.20	<0.20	0.20	0.020	7455739
Bromodichloromethane	ug/L	<0.50	<0.50	<0.50	<0.50	0.50	0.050	7455739
Bromoform	ug/L	<1.0	<1.0	<1.0	<1.0	1.0	0.10	7455739
Bromomethane	ug/L	<0.50	<0.50	<0.50	<0.50	0.50	0.10	7455739
Carbon Tetrachloride	ug/L	<0.20	<0.20	<0.20	<0.20	0.20	0.050	7455739
Chlorobenzene	ug/L	<0.20	<0.20	<0.20	<0.20	0.20	0.010	7455739
Chloroform	ug/L	<0.20	<0.20	<0.20	<0.20	0.20	0.050	7455739
Dibromochloromethane	ug/L	<0.50	<0.50	<0.50	<0.50	0.50	0.050	7455739
1,2-Dichlorobenzene	ug/L	<0.50	<0.50	<0.50	<0.50	0.50	0.050	7455739
1,3-Dichlorobenzene	ug/L	<0.50	<0.50	<0.50	<0.50	0.50	0.050	7455739
1,4-Dichlorobenzene	ug/L	<0.50	<0.50	<0.50	<0.50	0.50	0.050	7455739
Dichlorodifluoromethane (FREON 12)	ug/L	<1.0	<1.0	<1.0	<1.0	1.0	0.050	7455739
1,1-Dichloroethane	ug/L	<0.20	<0.20	<0.20	<0.20	0.20	0.050	7455739
1,2-Dichloroethane	ug/L	<0.50	<0.50	<0.50	<0.50	0.50	0.020	7455739
1,1-Dichloroethylene	ug/L	<0.20	<0.20	<0.20	<0.20	0.20	0.050	7455739
cis-1,2-Dichloroethylene	ug/L	<0.50	<0.50	<0.50	<0.50	0.50	0.050	7455739
trans-1,2-Dichloroethylene	ug/L	<0.50	<0.50	<0.50	<0.50	0.50	0.050	7455739
1,2-Dichloropropane	ug/L	<0.20	<0.20	<0.20	<0.20	0.20	0.050	7455739
cis-1,3-Dichloropropene	ug/L	<0.30	<0.30	<0.30	<0.30	0.30	0.050	7455739
trans-1,3-Dichloropropene	ug/L	<0.40	<0.40	<0.40	<0.40	0.40	0.050	7455739
Ethylbenzene	ug/L	<0.20	<0.20	<0.20	<0.20	0.20	0.010	7455739
Ethylene Dibromide	ug/L	<0.20	<0.20	<0.20	<0.20	0.20	0.050	7455739
Hexane	ug/L	<1.0	<1.0	<1.0	<1.0	1.0	0.10	7455739
Methylene Chloride(Dichloromethane)	ug/L	<2.0	<2.0	<2.0	<2.0	2.0	0.10	7455739
Methyl Ethyl Ketone (2-Butanone)	ug/L	<10	<10	<10	<10	10	0.50	7455739
Methyl Isobutyl Ketone	ug/L	<5.0	<5.0	<5.0	<5.0	5.0	0.10	7455739
Methyl t-butyl ether (MTBE)	ug/L	1.1	<0.50	<0.50	<0.50	0.50	0.050	7455739
Styrene	ug/L	<0.50	<0.50	<0.50	<0.50	0.50	0.050	7455739
RDL = Reportable Detection Limit								
QC Batch = Quality Control Batch								



BV Labs Job #: C1J1447
Report Date: 2021/07/15

Pinchin Ltd
Client Project #: 294348
Site Location: 1250 SOUTH SERVICE ROAD
Sampler Initials: SP

O.REG 153 VOCs BY HS & F1-F4 (WATER)

BV Labs ID		QBF544	QBF545	QBF547	QBF550			
Sampling Date		2021/07/09 20:20	2021/07/09 16:35	2021/07/09 12:00	2021/07/09			
COC Number		835142-01-01	835142-01-01	835142-01-01	835142-02-01			
	UNITS	MW-2	MW09-5	MW21-14	DUP2-090721	RDL	MDL	QC Batch
1,1,1,2-Tetrachloroethane	ug/L	<0.50	<0.50	<0.50	<0.50	0.50	0.050	7455739
1,1,2,2-Tetrachloroethane	ug/L	<0.50	<0.50	<0.50	<0.50	0.50	0.050	7455739
Tetrachloroethylene	ug/L	<0.20	<0.20	<0.20	<0.20	0.20	0.050	7455739
Toluene	ug/L	<0.20	<0.20	<0.20	<0.20	0.20	0.010	7455739
1,1,1-Trichloroethane	ug/L	<0.20	<0.20	<0.20	<0.20	0.20	0.050	7455739
1,1,2-Trichloroethane	ug/L	<0.50	<0.50	<0.50	<0.50	0.50	0.050	7455739
Trichloroethylene	ug/L	<0.20	<0.20	<0.20	<0.20	0.20	0.050	7455739
Trichlorofluoromethane (FREON 11)	ug/L	<0.50	<0.50	<0.50	<0.50	0.50	0.10	7455739
Vinyl Chloride	ug/L	<0.20	<0.20	<0.20	<0.20	0.20	0.050	7455739
p+m-Xylene	ug/L	<0.20	<0.20	<0.20	<0.20	0.20	0.010	7455739
o-Xylene	ug/L	<0.20	<0.20	<0.20	<0.20	0.20	0.010	7455739
Total Xylenes	ug/L	<0.20	<0.20	<0.20	<0.20	0.20	0.010	7455739
F1 (C6-C10)	ug/L	<25	<25	<25	<25	25	N/A	7455739
F1 (C6-C10) - BTEX	ug/L	<25	<25	<25	<25	25	N/A	7455739
F2-F4 Hydrocarbons								
F2 (C10-C16 Hydrocarbons)	ug/L	<100	<100	<100	<100	100	50	7462433
F3 (C16-C34 Hydrocarbons)	ug/L	<200	<200	<200	<200	200	70	7462433
F4 (C34-C50 Hydrocarbons)	ug/L	<200	<200	<200	<200	200	50	7462433
Reached Baseline at C50	ug/L	Yes	Yes	Yes	Yes			7462433
Surrogate Recovery (%)								
o-Terphenyl	%	96	96	95	94			7462433
4-Bromofluorobenzene	%	94	93	93	94			7455739
D4-1,2-Dichloroethane	%	114	114	119	115			7455739
D8-Toluene	%	94	94	94	95			7455739
RDL = Reportable Detection Limit QC Batch = Quality Control Batch N/A = Not Applicable								



BV Labs Job #: C1J1447
Report Date: 2021/07/15

Pinchin Ltd
Client Project #: 294348
Site Location: 1250 SOUTH SERVICE ROAD
Sampler Initials: SP

O.REG 153 VOCs BY HS (WATER)

BV Labs ID		QBF539	QBF541	QBF542	QBF546	QBF548			
Sampling Date		2021/07/09 11:00	2021/07/09 14:00	2021/07/09 17:25	2021/07/09 14:40	2021/07/09 14:00			
COC Number		835142-01-01	835142-01-01	835142-01-01	835142-01-01	835142-01-01			
	UNITS	MW21-17	MW15-4	MW15-5	MW21-28	MW21-15	RDL	MDL	QC Batch

Calculated Parameters									
1,3-Dichloropropene (cis+trans)	ug/L	<0.50	<0.50	<0.50	<0.50	<0.50	0.50	0.50	7455601
Volatile Organics									
Acetone (2-Propanone)	ug/L	37	<10	<10	<10	<10	10	1.0	7455738
Benzene	ug/L	1.5	<0.20	<0.20	<0.20	<0.20	0.20	0.020	7455738
Bromodichloromethane	ug/L	<0.50	<0.50	<0.50	<0.50	<0.50	0.50	0.050	7455738
Bromoform	ug/L	<1.0	<1.0	<1.0	<1.0	<1.0	1.0	0.10	7455738
Bromomethane	ug/L	<0.50	<0.50	<0.50	<0.50	<0.50	0.50	0.10	7455738
Carbon Tetrachloride	ug/L	<0.19	<0.19	<0.19	<0.19	<0.19	0.19	0.050	7455738
Chlorobenzene	ug/L	<0.20	<0.20	<0.20	<0.20	<0.20	0.20	0.010	7455738
Chloroform	ug/L	<0.20	<0.20	<0.20	<0.20	<0.20	0.20	0.050	7455738
Dibromochloromethane	ug/L	<0.50	<0.50	<0.50	<0.50	<0.50	0.50	0.050	7455738
1,2-Dichlorobenzene	ug/L	<0.40	<0.40	<0.40	<0.40	<0.40	0.40	0.050	7455738
1,3-Dichlorobenzene	ug/L	<0.40	<0.40	<0.40	<0.40	<0.40	0.40	0.050	7455738
1,4-Dichlorobenzene	ug/L	<0.40	<0.40	<0.40	<0.40	<0.40	0.40	0.050	7455738
Dichlorodifluoromethane (FREON 12)	ug/L	<1.0	<1.0	<1.0	<1.0	<1.0	1.0	0.050	7455738
1,1-Dichloroethane	ug/L	<0.20	<0.20	<0.20	<0.20	<0.20	0.20	0.050	7455738
1,2-Dichloroethane	ug/L	<0.49	<0.49	<0.49	<0.49	<0.49	0.49	0.020	7455738
1,1-Dichloroethylene	ug/L	<0.20	<0.20	<0.20	<0.20	<0.20	0.20	0.050	7455738
cis-1,2-Dichloroethylene	ug/L	<0.50	0.78	<0.50	<0.50	<0.50	0.50	0.050	7455738
trans-1,2-Dichloroethylene	ug/L	<0.50	0.84	<0.50	<0.50	<0.50	0.50	0.050	7455738
1,2-Dichloropropane	ug/L	<0.20	<0.20	<0.20	<0.20	<0.20	0.20	0.050	7455738
cis-1,3-Dichloropropene	ug/L	<0.30	<0.30	<0.30	<0.30	<0.30	0.30	0.050	7455738
trans-1,3-Dichloropropene	ug/L	<0.40	<0.40	<0.40	<0.40	<0.40	0.40	0.050	7455738
Ethylbenzene	ug/L	<0.20	<0.20	<0.20	<0.20	<0.20	0.20	0.010	7455738
Ethylene Dibromide	ug/L	<0.19	<0.19	<0.19	<0.19	<0.19	0.19	0.050	7455738
Hexane	ug/L	<1.0	<1.0	<1.0	<1.0	<1.0	1.0	0.10	7455738
Methylene Chloride(Dichloromethane)	ug/L	<2.0	<2.0	<2.0	<2.0	<2.0	2.0	0.10	7455738
Methyl Ethyl Ketone (2-Butanone)	ug/L	<10	<10	<10	<10	<10	10	0.50	7455738
Methyl Isobutyl Ketone	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	5.0	0.10	7455738
Methyl t-butyl ether (MTBE)	ug/L	<0.50	<0.50	<0.50	<0.50	<0.50	0.50	0.050	7455738
RDL = Reportable Detection Limit									
QC Batch = Quality Control Batch									



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VERITAS

BV Labs Job #: C1J1447

Report Date: 2021/07/15

Pinchin Ltd

Client Project #: 294348

Site Location: 1250 SOUTH SERVICE ROAD

Sampler Initials: SP

O.REG 153 VOCs BY HS (WATER)

BV Labs ID		QBF539	QBF541	QBF542	QBF546	QBF548			
Sampling Date		2021/07/09 11:00	2021/07/09 14:00	2021/07/09 17:25	2021/07/09 14:40	2021/07/09 14:00			
COC Number		835142-01-01	835142-01-01	835142-01-01	835142-01-01	835142-01-01			
	UNITS	MW21-17	MW15-4	MW15-5	MW21-28	MW21-15	RDL	MDL	QC Batch
Styrene	ug/L	<0.40	<0.40	<0.40	<0.40	<0.40	0.40	0.050	7455738
1,1,1,2-Tetrachloroethane	ug/L	<0.50	<0.50	<0.50	<0.50	<0.50	0.50	0.050	7455738
1,1,2,2-Tetrachloroethane	ug/L	<0.40	<0.40	<0.40	<0.40	<0.40	0.40	0.050	7455738
Tetrachloroethylene	ug/L	<0.20	240	<0.20	5.7	<0.20	0.20	0.050	7455738
Toluene	ug/L	<0.20	<0.20	<0.20	<0.20	<0.20	0.20	0.010	7455738
1,1,1-Trichloroethane	ug/L	<0.20	<0.20	<0.20	<0.20	<0.20	0.20	0.050	7455738
1,1,2-Trichloroethane	ug/L	<0.40	<0.40	<0.40	<0.40	<0.40	0.40	0.050	7455738
Trichloroethylene	ug/L	<0.20	12	<0.20	<0.20	<0.20	0.20	0.050	7455738
Trichlorofluoromethane (FREON 11)	ug/L	<0.50	<0.50	<0.50	<0.50	<0.50	0.50	0.10	7455738
Vinyl Chloride	ug/L	<0.20	<0.20	<0.20	<0.20	<0.20	0.20	0.050	7455738
p+m-Xylene	ug/L	<0.20	<0.20	<0.20	<0.20	<0.20	0.20	0.010	7455738
o-Xylene	ug/L	<0.20	<0.20	<0.20	<0.20	<0.20	0.20	0.010	7455738
Total Xylenes	ug/L	<0.20	<0.20	<0.20	<0.20	<0.20	0.20	0.010	7455738
Surrogate Recovery (%)									
4-Bromofluorobenzene	%	97	97	96	96	95			7455738
D4-1,2-Dichloroethane	%	107	109	110	111	109			7455738
D8-Toluene	%	95	97	96	95	95			7455738
RDL = Reportable Detection Limit									
QC Batch = Quality Control Batch									



BV Labs Job #: C1J1447
Report Date: 2021/07/15

Pinchin Ltd
Client Project #: 294348
Site Location: 1250 SOUTH SERVICE ROAD
Sampler Initials: SP

O.REG 153 VOCs BY HS (WATER)

BV Labs ID		QBF549	QBF551	QBF552			
Sampling Date		2021/07/09	2021/07/09	2021/07/09 07:30			
COC Number		835142-02-01	835142-02-01	835142-02-01			
	UNITS	DUP01-070921	DUP03-070921	TRIP BLANK LOT # 3708	RDL	MDL	QC Batch
Calculated Parameters							
1,3-Dichloropropene (cis+trans)	ug/L	<0.50	<0.50	<0.50	0.50	0.50	7455601
Volatile Organics							
Acetone (2-Propanone)	ug/L	39	<10	<10	10	1.0	7455738
Benzene	ug/L	1.5	<0.20	<0.20	0.20	0.020	7455738
Bromodichloromethane	ug/L	<0.50	<0.50	<0.50	0.50	0.050	7455738
Bromoform	ug/L	<1.0	<1.0	<1.0	1.0	0.10	7455738
Bromomethane	ug/L	<0.50	<0.50	<0.50	0.50	0.10	7455738
Carbon Tetrachloride	ug/L	<0.19	<0.19	<0.19	0.19	0.050	7455738
Chlorobenzene	ug/L	<0.20	<0.20	<0.20	0.20	0.010	7455738
Chloroform	ug/L	<0.20	<0.20	<0.20	0.20	0.050	7455738
Dibromochloromethane	ug/L	<0.50	<0.50	<0.50	0.50	0.050	7455738
1,2-Dichlorobenzene	ug/L	<0.40	<0.40	<0.40	0.40	0.050	7455738
1,3-Dichlorobenzene	ug/L	<0.40	<0.40	<0.40	0.40	0.050	7455738
1,4-Dichlorobenzene	ug/L	<0.40	<0.40	<0.40	0.40	0.050	7455738
Dichlorodifluoromethane (FREON 12)	ug/L	<1.0	<1.0	<1.0	1.0	0.050	7455738
1,1-Dichloroethane	ug/L	<0.20	<0.20	<0.20	0.20	0.050	7455738
1,2-Dichloroethane	ug/L	<0.49	<0.49	<0.49	0.49	0.020	7455738
1,1-Dichloroethylene	ug/L	<0.20	<0.20	<0.20	0.20	0.050	7455738
cis-1,2-Dichloroethylene	ug/L	<0.50	<0.50	<0.50	0.50	0.050	7455738
trans-1,2-Dichloroethylene	ug/L	<0.50	<0.50	<0.50	0.50	0.050	7455738
1,2-Dichloropropane	ug/L	<0.20	<0.20	<0.20	0.20	0.050	7455738
cis-1,3-Dichloropropene	ug/L	<0.30	<0.30	<0.30	0.30	0.050	7455738
trans-1,3-Dichloropropene	ug/L	<0.40	<0.40	<0.40	0.40	0.050	7455738
Ethylbenzene	ug/L	<0.20	<0.20	<0.20	0.20	0.010	7455738
Ethylene Dibromide	ug/L	<0.19	<0.19	<0.19	0.19	0.050	7455738
Hexane	ug/L	<1.0	<1.0	<1.0	1.0	0.10	7455738
Methylene Chloride(Dichloromethane)	ug/L	<2.0	<2.0	<2.0	2.0	0.10	7455738
Methyl Ethyl Ketone (2-Butanone)	ug/L	<10	<10	<10	10	0.50	7455738
Methyl Isobutyl Ketone	ug/L	<5.0	<5.0	<5.0	5.0	0.10	7455738
Methyl t-butyl ether (MTBE)	ug/L	<0.50	<0.50	<0.50	0.50	0.050	7455738
RDL = Reportable Detection Limit							
QC Batch = Quality Control Batch							



BV Labs Job #: C1J1447
Report Date: 2021/07/15

Pinchin Ltd
Client Project #: 294348
Site Location: 1250 SOUTH SERVICE ROAD
Sampler Initials: SP

O.REG 153 VOCs BY HS (WATER)

BV Labs ID		QBF549	QBF551	QBF552			
Sampling Date		2021/07/09	2021/07/09	2021/07/09 07:30			
COC Number		835142-02-01	835142-02-01	835142-02-01			
	UNITS	DUP01-070921	DUP03-070921	TRIP BLANK LOT # 3708	RDL	MDL	QC Batch
Styrene	ug/L	<0.40	<0.40	<0.40	0.40	0.050	7455738
1,1,1,2-Tetrachloroethane	ug/L	<0.50	<0.50	<0.50	0.50	0.050	7455738
1,1,2,2-Tetrachloroethane	ug/L	<0.40	<0.40	<0.40	0.40	0.050	7455738
Tetrachloroethylene	ug/L	<0.20	<0.20	<0.20	0.20	0.050	7455738
Toluene	ug/L	<0.20	<0.20	<0.20	0.20	0.010	7455738
1,1,1-Trichloroethane	ug/L	<0.20	<0.20	<0.20	0.20	0.050	7455738
1,1,2-Trichloroethane	ug/L	<0.40	<0.40	<0.40	0.40	0.050	7455738
Trichloroethylene	ug/L	<0.20	<0.20	<0.20	0.20	0.050	7455738
Trichlorofluoromethane (FREON 11)	ug/L	<0.50	<0.50	<0.50	0.50	0.10	7455738
Vinyl Chloride	ug/L	<0.20	<0.20	<0.20	0.20	0.050	7455738
p+m-Xylene	ug/L	<0.20	<0.20	<0.20	0.20	0.010	7455738
o-Xylene	ug/L	<0.20	<0.20	<0.20	0.20	0.010	7455738
Total Xylenes	ug/L	<0.20	<0.20	<0.20	0.20	0.010	7455738
Surrogate Recovery (%)							
4-Bromofluorobenzene	%	95	97	96			7455738
D4-1,2-Dichloroethane	%	112	110	109			7455738
D8-Toluene	%	95	93	97			7455738
RDL = Reportable Detection Limit							
QC Batch = Quality Control Batch							



BV Labs Job #: C1J1447
Report Date: 2021/07/15

Pinchin Ltd
Client Project #: 294348
Site Location: 1250 SOUTH SERVICE ROAD
Sampler Initials: SP

TEST SUMMARY

BV Labs ID: QBF539
Sample ID: MW21-17
Matrix: Water

Collected: 2021/07/09
Shipped:
Received: 2021/07/10

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
1,3-Dichloropropene Sum	CALC	7455601	N/A	2021/07/12	Automated Statchk
Volatile Organic Compounds in Water	GC/MS	7455738	N/A	2021/07/11	Juan Pangilinan

BV Labs ID: QBF540
Sample ID: MW15-2
Matrix: Water

Collected: 2021/07/09
Shipped:
Received: 2021/07/10

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Chloride by Automated Colourimetry	KONE	7455947	N/A	2021/07/12	Alina Dobreanu
Dissolved Metals by ICPMS	ICP/MS	7456728	N/A	2021/07/13	Nan Raykha

BV Labs ID: QBF541
Sample ID: MW15-4
Matrix: Water

Collected: 2021/07/09
Shipped:
Received: 2021/07/10

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
1,3-Dichloropropene Sum	CALC	7455601	N/A	2021/07/12	Automated Statchk
Volatile Organic Compounds in Water	GC/MS	7455738	N/A	2021/07/11	Juan Pangilinan

BV Labs ID: QBF542
Sample ID: MW15-5
Matrix: Water

Collected: 2021/07/09
Shipped:
Received: 2021/07/10

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
1,3-Dichloropropene Sum	CALC	7455601	N/A	2021/07/12	Automated Statchk
Volatile Organic Compounds in Water	GC/MS	7455738	N/A	2021/07/11	Juan Pangilinan

BV Labs ID: QBF543
Sample ID: MW103
Matrix: Water

Collected: 2021/07/09
Shipped:
Received: 2021/07/10

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Chloride by Automated Colourimetry	KONE	7455947	N/A	2021/07/12	Alina Dobreanu
Dissolved Metals by ICPMS	ICP/MS	7456728	N/A	2021/07/13	Nan Raykha

BV Labs ID: QBF544
Sample ID: MW-2
Matrix: Water

Collected: 2021/07/09
Shipped:
Received: 2021/07/10

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Methylnaphthalene Sum	CALC	7455638	N/A	2021/07/15	Automated Statchk
1,3-Dichloropropene Sum	CALC	7455601	N/A	2021/07/13	Automated Statchk
Petroleum Hydrocarbons F2-F4 in Water	GC/FID	7462433	2021/07/14	2021/07/15	Anna Stuglik Rolland
PAH Compounds in Water by GC/MS (SIM)	GC/MS	7462430	2021/07/14	2021/07/15	Jonghan Yoon
Volatile Organic Compounds and F1 PHCs	GC/MSFD	7455739	N/A	2021/07/12	Anna Gabrielyan



BV Labs Job #: C1J1447
Report Date: 2021/07/15

Pinchin Ltd
Client Project #: 294348
Site Location: 1250 SOUTH SERVICE ROAD
Sampler Initials: SP

TEST SUMMARY

BV Labs ID: QBF545
Sample ID: MW09-5
Matrix: Water

Collected: 2021/07/09
Shipped:
Received: 2021/07/10

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Methylnaphthalene Sum	CALC	7455638	N/A	2021/07/15	Automated Statchk
1,3-Dichloropropene Sum	CALC	7455601	N/A	2021/07/13	Automated Statchk
Petroleum Hydrocarbons F2-F4 in Water	GC/FID	7462433	2021/07/14	2021/07/15	Anna Stuglik Rolland
PAH Compounds in Water by GC/MS (SIM)	GC/MS	7462430	2021/07/14	2021/07/15	Jonghan Yoon
Volatile Organic Compounds and F1 PHCs	GC/MSFD	7455739	N/A	2021/07/12	Anna Gabrielyan

BV Labs ID: QBF546
Sample ID: MW21-28
Matrix: Water

Collected: 2021/07/09
Shipped:
Received: 2021/07/10

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
1,3-Dichloropropene Sum	CALC	7455601	N/A	2021/07/12	Automated Statchk
Volatile Organic Compounds in Water	GC/MS	7455738	N/A	2021/07/11	Juan Pangilinan

BV Labs ID: QBF547
Sample ID: MW21-14
Matrix: Water

Collected: 2021/07/09
Shipped:
Received: 2021/07/10

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Methylnaphthalene Sum	CALC	7455638	N/A	2021/07/15	Automated Statchk
1,3-Dichloropropene Sum	CALC	7455601	N/A	2021/07/13	Automated Statchk
Petroleum Hydrocarbons F2-F4 in Water	GC/FID	7462433	2021/07/14	2021/07/15	Anna Stuglik Rolland
PAH Compounds in Water by GC/MS (SIM)	GC/MS	7462430	2021/07/14	2021/07/15	Jonghan Yoon
Volatile Organic Compounds and F1 PHCs	GC/MSFD	7455739	N/A	2021/07/12	Anna Gabrielyan

BV Labs ID: QBF548
Sample ID: MW21-15
Matrix: Water

Collected: 2021/07/09
Shipped:
Received: 2021/07/10

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
1,3-Dichloropropene Sum	CALC	7455601	N/A	2021/07/12	Automated Statchk
Volatile Organic Compounds in Water	GC/MS	7455738	N/A	2021/07/11	Juan Pangilinan

BV Labs ID: QBF549
Sample ID: DUP01-070921
Matrix: Water

Collected: 2021/07/09
Shipped:
Received: 2021/07/10

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
1,3-Dichloropropene Sum	CALC	7455601	N/A	2021/07/12	Automated Statchk
Volatile Organic Compounds in Water	GC/MS	7455738	N/A	2021/07/11	Juan Pangilinan



BV Labs Job #: C1J1447
Report Date: 2021/07/15

Pinchin Ltd
Client Project #: 294348
Site Location: 1250 SOUTH SERVICE ROAD
Sampler Initials: SP

TEST SUMMARY

BV Labs ID: QBF550
Sample ID: DUP2-090721
Matrix: Water

Collected: 2021/07/09
Shipped:
Received: 2021/07/10

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Methylnaphthalene Sum	CALC	7455638	N/A	2021/07/15	Automated Statchk
1,3-Dichloropropene Sum	CALC	7455601	N/A	2021/07/13	Automated Statchk
Petroleum Hydrocarbons F2-F4 in Water	GC/FID	7462433	2021/07/14	2021/07/15	Anna Stuglik Rolland
PAH Compounds in Water by GC/MS (SIM)	GC/MS	7462430	2021/07/14	2021/07/15	Jonghan Yoon
Volatile Organic Compounds and F1 PHCs	GC/MSFD	7455739	N/A	2021/07/12	Anna Gabrielyan

BV Labs ID: QBF551
Sample ID: DUP03-070921
Matrix: Water

Collected: 2021/07/09
Shipped:
Received: 2021/07/10

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
1,3-Dichloropropene Sum	CALC	7455601	N/A	2021/07/12	Automated Statchk
Volatile Organic Compounds in Water	GC/MS	7455738	N/A	2021/07/11	Juan Pangilinan

BV Labs ID: QBF552
Sample ID: TRIP BLANK LOT # 3708
Matrix: Water

Collected: 2021/07/09
Shipped:
Received: 2021/07/10

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
1,3-Dichloropropene Sum	CALC	7455601	N/A	2021/07/12	Automated Statchk
Volatile Organic Compounds in Water	GC/MS	7455738	N/A	2021/07/11	Juan Pangilinan



GENERAL COMMENTS

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

Package 1	1.0°C
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Cooler custody seal was present and intact.

All 40 ml vials for F1BTEX and VOC analyses contained visible sediment, except for the Trip Blank .

All 100 ml amber glass bottles for F2-F4 and PAH analyses contained visible sediment, which was included in the extraction.

All 250mL plastic General bottles contained visible sediment.

Results relate only to the items tested.

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BV Labs Job #: C1J1447

Report Date: 2021/07/15

QUALITY ASSURANCE REPORT

Pinchin Ltd

Client Project #: 294348

Site Location: 1250 SOUTH SERVICE ROAD

Sampler Initials: SP

QC Batch	Parameter	Date	Matrix Spike		SPIKED BLANK		Method Blank		RPD	
			% Recovery	QC Limits	% Recovery	QC Limits	Value	UNITS	Value (%)	QC Limits
7455738	4-Bromofluorobenzene	2021/07/11	101	70 - 130	102	70 - 130	101	%		
7455738	D4-1,2-Dichloroethane	2021/07/11	103	70 - 130	99	70 - 130	101	%		
7455738	D8-Toluene	2021/07/11	98	70 - 130	102	70 - 130	96	%		
7455739	4-Bromofluorobenzene	2021/07/12	107	70 - 130	103	70 - 130	98	%		
7455739	D4-1,2-Dichloroethane	2021/07/12	109	70 - 130	107	70 - 130	106	%		
7455739	D8-Toluene	2021/07/12	102	70 - 130	103	70 - 130	98	%		
7462430	D10-Anthracene	2021/07/14	116	50 - 130	104	50 - 130	115	%		
7462430	D14-Terphenyl (FS)	2021/07/14	109	50 - 130	93	50 - 130	104	%		
7462430	D8-Acenaphthylene	2021/07/14	110	50 - 130	100	50 - 130	111	%		
7462433	o-Terphenyl	2021/07/14	98	60 - 130	97	60 - 130	96	%		
7455738	1,1,1,2-Tetrachloroethane	2021/07/11	100	70 - 130	104	70 - 130	<0.50	ug/L	NC	30
7455738	1,1,1-Trichloroethane	2021/07/11	101	70 - 130	103	70 - 130	<0.20	ug/L	NC	30
7455738	1,1,2,2-Tetrachloroethane	2021/07/11	101	70 - 130	100	70 - 130	<0.40	ug/L	NC	30
7455738	1,1,2-Trichloroethane	2021/07/11	102	70 - 130	105	70 - 130	<0.40	ug/L	NC	30
7455738	1,1-Dichloroethane	2021/07/11	98	70 - 130	97	70 - 130	<0.20	ug/L	NC	30
7455738	1,1-Dichloroethylene	2021/07/11	98	70 - 130	98	70 - 130	<0.20	ug/L	NC	30
7455738	1,2-Dichlorobenzene	2021/07/11	97	70 - 130	98	70 - 130	<0.40	ug/L	NC	30
7455738	1,2-Dichloroethane	2021/07/11	99	70 - 130	95	70 - 130	<0.49	ug/L	NC	30
7455738	1,2-Dichloropropane	2021/07/11	100	70 - 130	98	70 - 130	<0.20	ug/L	NC	30
7455738	1,3-Dichlorobenzene	2021/07/11	98	70 - 130	100	70 - 130	<0.40	ug/L	NC	30
7455738	1,4-Dichlorobenzene	2021/07/11	113	70 - 130	116	70 - 130	<0.40	ug/L	NC	30
7455738	Acetone (2-Propanone)	2021/07/11	112	60 - 140	100	60 - 140	<10	ug/L	NC	30
7455738	Benzene	2021/07/11	94	70 - 130	94	70 - 130	<0.20	ug/L	NC	30
7455738	Bromodichloromethane	2021/07/11	103	70 - 130	102	70 - 130	<0.50	ug/L	NC	30
7455738	Bromoform	2021/07/11	101	70 - 130	101	70 - 130	<1.0	ug/L	NC	30
7455738	Bromomethane	2021/07/11	98	60 - 140	97	60 - 140	<0.50	ug/L	NC	30
7455738	Carbon Tetrachloride	2021/07/11	98	70 - 130	100	70 - 130	<0.19	ug/L	NC	30
7455738	Chlorobenzene	2021/07/11	100	70 - 130	103	70 - 130	<0.20	ug/L	NC	30
7455738	Chloroform	2021/07/11	100	70 - 130	100	70 - 130	<0.20	ug/L	NC	30
7455738	cis-1,2-Dichloroethylene	2021/07/11	105	70 - 130	103	70 - 130	<0.50	ug/L	0.93	30
7455738	cis-1,3-Dichloropropene	2021/07/11	112	70 - 130	103	70 - 130	<0.30	ug/L	NC	30

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BV Labs Job #: C1J1447

Report Date: 2021/07/15

QUALITY ASSURANCE REPORT(CONT'D)

Pinchin Ltd

Client Project #: 294348

Site Location: 1250 SOUTH SERVICE ROAD

Sampler Initials: SP

QC Batch	Parameter	Date	Matrix Spike		SPIKED BLANK		Method Blank		RPD	
			% Recovery	QC Limits	% Recovery	QC Limits	Value	UNITS	Value (%)	QC Limits
7455738	Dibromochloromethane	2021/07/11	98	70 - 130	100	70 - 130	<0.50	ug/L	NC	30
7455738	Dichlorodifluoromethane (FREON 12)	2021/07/11	84	60 - 140	82	60 - 140	<1.0	ug/L	NC	30
7455738	Ethylbenzene	2021/07/11	94	70 - 130	99	70 - 130	<0.20	ug/L	NC	30
7455738	Ethylene Dibromide	2021/07/11	99	70 - 130	100	70 - 130	<0.19	ug/L	NC	30
7455738	Hexane	2021/07/11	101	70 - 130	102	70 - 130	<1.0	ug/L	NC	30
7455738	Methyl Ethyl Ketone (2-Butanone)	2021/07/11	123	60 - 140	109	60 - 140	<10	ug/L	NC	30
7455738	Methyl Isobutyl Ketone	2021/07/11	117	70 - 130	110	70 - 130	<5.0	ug/L	NC	30
7455738	Methyl t-butyl ether (MTBE)	2021/07/11	95	70 - 130	93	70 - 130	<0.50	ug/L	NC	30
7455738	Methylene Chloride(Dichloromethane)	2021/07/11	119	70 - 130	116	70 - 130	<2.0	ug/L	NC	30
7455738	o-Xylene	2021/07/11	92	70 - 130	97	70 - 130	<0.20	ug/L	NC	30
7455738	p+m-Xylene	2021/07/11	99	70 - 130	104	70 - 130	<0.20	ug/L	NC	30
7455738	Styrene	2021/07/11	103	70 - 130	109	70 - 130	<0.40	ug/L	NC	30
7455738	Tetrachloroethylene	2021/07/11	91	70 - 130	97	70 - 130	<0.20	ug/L	NC	30
7455738	Toluene	2021/07/11	93	70 - 130	97	70 - 130	<0.20	ug/L	NC	30
7455738	Total Xylenes	2021/07/11					<0.20	ug/L	NC	30
7455738	trans-1,2-Dichloroethylene	2021/07/11	103	70 - 130	102	70 - 130	<0.50	ug/L	NC	30
7455738	trans-1,3-Dichloropropene	2021/07/11	119	70 - 130	114	70 - 130	<0.40	ug/L	NC	30
7455738	Trichloroethylene	2021/07/11	103	70 - 130	104	70 - 130	<0.20	ug/L	3.2	30
7455738	Trichlorofluoromethane (FREON 11)	2021/07/11	95	70 - 130	96	70 - 130	<0.50	ug/L	NC	30
7455738	Vinyl Chloride	2021/07/11	96	70 - 130	95	70 - 130	<0.20	ug/L	0.22	30
7455739	1,1,1,2-Tetrachloroethane	2021/07/12	103	70 - 130	104	70 - 130	<0.50	ug/L	NC	30
7455739	1,1,1-Trichloroethane	2021/07/12	103	70 - 130	105	70 - 130	<0.20	ug/L	9.2	30
7455739	1,1,2,2-Tetrachloroethane	2021/07/12	97	70 - 130	98	70 - 130	<0.50	ug/L	NC	30
7455739	1,1,2-Trichloroethane	2021/07/12	111	70 - 130	111	70 - 130	<0.50	ug/L	NC	30
7455739	1,1-Dichloroethane	2021/07/12	96	70 - 130	95	70 - 130	<0.20	ug/L	NC	30
7455739	1,1-Dichloroethylene	2021/07/12	96	70 - 130	96	70 - 130	<0.20	ug/L	NC	30
7455739	1,2-Dichlorobenzene	2021/07/12	89	70 - 130	96	70 - 130	<0.50	ug/L	NC	30
7455739	1,2-Dichloroethane	2021/07/12	100	70 - 130	99	70 - 130	<0.50	ug/L	NC	30
7455739	1,2-Dichloropropane	2021/07/12	95	70 - 130	94	70 - 130	<0.20	ug/L	NC	30
7455739	1,3-Dichlorobenzene	2021/07/12	92	70 - 130	100	70 - 130	<0.50	ug/L	NC	30
7455739	1,4-Dichlorobenzene	2021/07/12	109	70 - 130	117	70 - 130	<0.50	ug/L	NC	30

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BV Labs Job #: C1J1447

Report Date: 2021/07/15

QUALITY ASSURANCE REPORT(CONT'D)

Pinchin Ltd

Client Project #: 294348

Site Location: 1250 SOUTH SERVICE ROAD

Sampler Initials: SP

QC Batch	Parameter	Date	Matrix Spike		SPIKED BLANK		Method Blank		RPD	
			% Recovery	QC Limits	% Recovery	QC Limits	Value	UNITS	Value (%)	QC Limits
7455739	Acetone (2-Propanone)	2021/07/12	95	60 - 140	92	60 - 140	<10	ug/L	NC	30
7455739	Benzene	2021/07/12	94	70 - 130	94	70 - 130	<0.20	ug/L	NC	30
7455739	Bromodichloromethane	2021/07/12	106	70 - 130	103	70 - 130	<0.50	ug/L	NC	30
7455739	Bromoform	2021/07/12	104	70 - 130	103	70 - 130	<1.0	ug/L	NC	30
7455739	Bromomethane	2021/07/12	105	60 - 140	99	60 - 140	<0.50	ug/L	NC	30
7455739	Carbon Tetrachloride	2021/07/12	100	70 - 130	103	70 - 130	<0.20	ug/L	NC	30
7455739	Chlorobenzene	2021/07/12	92	70 - 130	95	70 - 130	<0.20	ug/L	NC	30
7455739	Chloroform	2021/07/12	105	70 - 130	103	70 - 130	<0.20	ug/L	NC	30
7455739	cis-1,2-Dichloroethylene	2021/07/12	99	70 - 130	98	70 - 130	<0.50	ug/L	NC	30
7455739	cis-1,3-Dichloropropene	2021/07/12	93	70 - 130	88	70 - 130	<0.30	ug/L	NC	30
7455739	Dibromochloromethane	2021/07/12	100	70 - 130	101	70 - 130	<0.50	ug/L	NC	30
7455739	Dichlorodifluoromethane (FREON 12)	2021/07/12	93	60 - 140	94	60 - 140	<1.0	ug/L	NC	30
7455739	Ethylbenzene	2021/07/12	81	70 - 130	85	70 - 130	<0.20	ug/L	NC	30
7455739	Ethylene Dibromide	2021/07/12	95	70 - 130	95	70 - 130	<0.20	ug/L	NC	30
7455739	F1 (C6-C10) - BTEX	2021/07/12					<25	ug/L	NC	30
7455739	F1 (C6-C10)	2021/07/12	85	60 - 140	105	60 - 140	<25	ug/L	NC	30
7455739	Hexane	2021/07/12	93	70 - 130	92	70 - 130	<1.0	ug/L	NC	30
7455739	Methyl Ethyl Ketone (2-Butanone)	2021/07/12	95	60 - 140	96	60 - 140	<10	ug/L	NC	30
7455739	Methyl Isobutyl Ketone	2021/07/12	92	70 - 130	91	70 - 130	<5.0	ug/L	NC	30
7455739	Methyl t-butyl ether (MTBE)	2021/07/12	84	70 - 130	84	70 - 130	<0.50	ug/L	NC	30
7455739	Methylene Chloride(Dichloromethane)	2021/07/12	111	70 - 130	108	70 - 130	<2.0	ug/L	NC	30
7455739	o-Xylene	2021/07/12	80	70 - 130	84	70 - 130	<0.20	ug/L	NC	30
7455739	p+m-Xylene	2021/07/12	80	70 - 130	84	70 - 130	<0.20	ug/L	NC	30
7455739	Styrene	2021/07/12	93	70 - 130	97	70 - 130	<0.50	ug/L	NC	30
7455739	Tetrachloroethylene	2021/07/12	95	70 - 130	99	70 - 130	<0.20	ug/L	NC	30
7455739	Toluene	2021/07/12	87	70 - 130	90	70 - 130	<0.20	ug/L	9.9	30
7455739	Total Xylenes	2021/07/12					<0.20	ug/L	NC	30
7455739	trans-1,2-Dichloroethylene	2021/07/12	100	70 - 130	99	70 - 130	<0.50	ug/L	NC	30
7455739	trans-1,3-Dichloropropene	2021/07/12	101	70 - 130	97	70 - 130	<0.40	ug/L	NC	30
7455739	Trichloroethylene	2021/07/12	105	70 - 130	105	70 - 130	<0.20	ug/L	NC	30
7455739	Trichlorofluoromethane (FREON 11)	2021/07/12	103	70 - 130	101	70 - 130	<0.50	ug/L	NC	30

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QUALITY ASSURANCE REPORT(CONT'D)

Pinchin Ltd

Client Project #: 294348

Site Location: 1250 SOUTH SERVICE ROAD

Sampler Initials: SP

QC Batch	Parameter	Date	Matrix Spike		SPIKED BLANK		Method Blank		RPD	
			% Recovery	QC Limits	% Recovery	QC Limits	Value	UNITS	Value (%)	QC Limits
7455739	Vinyl Chloride	2021/07/12	95	70 - 130	94	70 - 130	<0.20	ug/L	NC	30
7455947	Dissolved Chloride (Cl-)	2021/07/12	114	80 - 120	103	80 - 120	<1.0	mg/L	3.0	20
7456728	Dissolved Sodium (Na)	2021/07/13	NC	80 - 120	101	80 - 120	<100	ug/L	1.2	20
7462430	1-Methylnaphthalene	2021/07/14	113	50 - 130	109	50 - 130	<0.050	ug/L	NC	30
7462430	2-Methylnaphthalene	2021/07/14	120	50 - 130	102	50 - 130	<0.050	ug/L	NC	30
7462430	Acenaphthene	2021/07/14	118	50 - 130	107	50 - 130	<0.050	ug/L	NC	30
7462430	Acenaphthylene	2021/07/14	113	50 - 130	103	50 - 130	<0.050	ug/L	NC	30
7462430	Anthracene	2021/07/14	101	50 - 130	102	50 - 130	<0.050	ug/L	NC	30
7462430	Benzo(a)anthracene	2021/07/14	77	50 - 130	108	50 - 130	<0.050	ug/L	NC	30
7462430	Benzo(a)pyrene	2021/07/14	61	50 - 130	92	50 - 130	<0.0090	ug/L	NC	30
7462430	Benzo(b,j)fluoranthene	2021/07/14	65	50 - 130	99	50 - 130	<0.050	ug/L	NC	30
7462430	Benzo(g,h,i)perylene	2021/07/14	68	50 - 130	103	50 - 130	<0.050	ug/L	NC	30
7462430	Benzo(k)fluoranthene	2021/07/14	66	50 - 130	102	50 - 130	<0.050	ug/L	NC	30
7462430	Chrysene	2021/07/14	74	50 - 130	108	50 - 130	<0.050	ug/L	NC	30
7462430	Dibenzo(a,h)anthracene	2021/07/14	66	50 - 130	100	50 - 130	<0.050	ug/L	NC	30
7462430	Fluoranthene	2021/07/14	117	50 - 130	108	50 - 130	<0.050	ug/L	NC	30
7462430	Fluorene	2021/07/14	114	50 - 130	104	50 - 130	<0.050	ug/L	NC	30
7462430	Indeno(1,2,3-cd)pyrene	2021/07/14	71	50 - 130	108	50 - 130	<0.050	ug/L	NC	30
7462430	Naphthalene	2021/07/14	110	50 - 130	97	50 - 130	<0.050	ug/L	NC	30
7462430	Phenanthrene	2021/07/14	115	50 - 130	108	50 - 130	<0.030	ug/L	NC	30
7462430	Pyrene	2021/07/14	110	50 - 130	106	50 - 130	<0.050	ug/L	NC	30
7462433	F2 (C10-C16 Hydrocarbons)	2021/07/15	101	60 - 130	99	60 - 130	<100	ug/L	NC	30
7462433	F3 (C16-C34 Hydrocarbons)	2021/07/15	100	60 - 130	100	60 - 130	<200	ug/L	NC	30



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BV Labs Job #: C1J1447
Report Date: 2021/07/15

QUALITY ASSURANCE REPORT(CONT'D)

Pinchin Ltd
Client Project #: 294348
Site Location: 1250 SOUTH SERVICE ROAD
Sampler Initials: SP

QC Batch	Parameter	Date	Matrix Spike		SPIKED BLANK		Method Blank		RPD	
			% Recovery	QC Limits	% Recovery	QC Limits	Value	UNITS	Value (%)	QC Limits
7462433	F4 (C34-C50 Hydrocarbons)	2021/07/15	100	60 - 130	98	60 - 130	<200	ug/L	NC	30
Duplicate: Paired analysis of a separate portion of the same sample. Used to evaluate the variance in the measurement. Matrix Spike: A sample to which a known amount of the analyte of interest has been added. Used to evaluate sample matrix interference. Spiked Blank: A blank matrix sample to which a known amount of the analyte, usually from a second source, has been added. Used to evaluate method accuracy. Method Blank: A blank matrix containing all reagents used in the analytical procedure. Used to identify laboratory contamination. Surrogate: A pure or isotopically labeled compound whose behavior mirrors the analytes of interest. Used to evaluate extraction efficiency. NC (Matrix Spike): The recovery in the matrix spike was not calculated. The relative difference between the concentration in the parent sample and the spike amount was too small to permit a reliable recovery calculation (matrix spike concentration was less than the native sample concentration) NC (Duplicate RPD): The duplicate RPD was not calculated. The concentration in the sample and/or duplicate was too low to permit a reliable RPD calculation (absolute difference <= 2x RDL).										



FUNDAMENTAL LABORATORY ACCEPTANCE GUIDELINE

Invoice To:

Pinchin Ltd
ATTN: Accounts Payable
2470 Milltower Crt
Mississauga, ON
CANADA L5N 7W5
Client Contact:
Robert MacKenzie

BV Labs Job #:	C1J1447
Date Received:	2021/07/10
Your C.O.C. #:	835142-01-01
Your Project #:	294348
BV Labs Project Manager:	Antonella Brasil
Quote #:	A70927

No discrepancies noted.

Report Comments

Received Date:	<u>2021/07/10</u>	Time:	<u>08:26</u>	By:	_____
Inspected Date:	_____	Time:	_____	By:	_____
FLAG Created Date:	_____	Time:	_____	By:	_____



BUREAU
VERITAS

BV Labs Job #: C1J1447

Report Date: 2021/07/15

Pinchin Ltd

Client Project #: 294348

Site Location: 1250 SOUTH SERVICE ROAD

Sampler Initials: SP

VALIDATION SIGNATURE PAGE

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

Brad Newman, B.Sc., C.Chem., Scientific Service Specialist

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RUSH!!

Bureau Veritas Laboratories
1740 Campbell Road, Mississauga, Ontario Canada L5N 2L8 Tel: (905) 817-5700 Toll-free: 800-563-8286 Fax: (905) 817-5777 www.bvlabs.com

10-Jul-21 08:26

Antonella Brasil

C1J1447

Page 1 of 2

INVOICE TO:		REPORT TO:		PROJECT INFORMATION:		Only:	
Company Name: #3103 Pinchin Ltd		Company Name: Robert MacKenzie		Quotation #: A70927		Bottle Order #:	
Attention: Accounts Payable		Attention: <i>Robert MacKenzie, Tracy Albrecht, Jenny Paine</i>		P.O. #:		835142	
Address: 2470 Milltower Crt		Address: <i>Andrew Noens</i>		Project: 294348		Project Manager:	
Mississauga ON L5N 7W5				Project Name: 1250 South Service Road		Antonella Brasil	
Tel: (905) 363-0678 Fax: (905) 363-0681		Tel: (905) 363-0678 Ext: 1337 Fax:		Site #: 1250 South Service Road		COC #:	
Email: ap@pinchin.com		Email: rmackenzie@pinchin.com		Sampled By: <i>SP, JP, AN</i>		C835142-01-01	

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

Regulation 153 (2011) ☐ Table 1 ☐ Res/Park ☐ Medium/Fine ☐ Table 2 ☐ Ind/Comm ☐ Coarse ☐ Table 3 ☐ Agr/Other ☒ For RSC ☐ Table	Other Regulations ☐ CCME ☐ Sanitary Sewer Bylaw ☐ Reg 558 ☐ Storm Sewer Bylaw ☐ MISA ☐ Municipality ☐ PWDO ☐ Reg 406 Table ☐ Other	Special Instructions For PSC
--	---	--

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

Sample Barcode Label	Sample (Location) Identification	Date Sampled	Time Sampled	Matrix	Field Filtered (please circle): Metals *Hg / Cr VI	O Reg 153 VOCs (Water)	O Reg 153 PAHs	O Reg 153 VOCs by HS & FI-F4	O Reg 153 Metals & Inorganics Pkg (WH)	Chloride by Automated Colourimetry	O Reg 153 Dissolved (CPMS Metals (Sodium Only)	# of Bottles	Comments
1	MW21-17	2021/07/09	11:00 AM	GW	N	✓						3	
2	MW15-2		9:30 AM		Y					✓	✓	2	Trace Sediment
3	MW15-4		2:00 PM		N	✓						3	
4	MW15-5		5:25 PM		N	✓						3	
5	MW103		6:45 PM		Y					✓	✓	2	
6	MW-2		8:20 PM		N		✓	✓				5	
7	MW09-5		4:35 PM		N			✓	✓			5	
8	MW21-28		2:40 PM		N	✓						3	
9	MW21-14		12:00 PM		N		✓	✓				5	
10	MW21-15	2021/07/09	2:00 PM	GW	N	✓						5	

* RELINQUISHED BY: (Signature/Print) *Jenny Paine*

Date: (YY/MM/DD) 21/07/09 Time 9:50 PM

RECEIVED BY: (Signature/Print) *Robert MacKenzie*

Date: (YY/MM/DD) 20/07/10 Time 08:26

Jars used and not submitted: 0

Laboratory Use Only

Time Sensitive: ☐ Temperature (°C) on Receipt: 11.02

Custody Seal Present: ☒ Yes ☐ No

Intact: ☒ Yes ☐ No

* UNLESS OTHERWISE AGREED TO IN WRITING, WORK SUBMITTED ON THIS CHAIN OF CUSTODY IS SUBJECT TO BV LABS' STANDARD TERMS AND CONDITIONS. SIGNING OF THIS CHAIN OF CUSTODY DOCUMENT IS ACKNOWLEDGMENT AND ACCEPTANCE OF OUR TERMS WHICH ARE AVAILABLE FOR VIEWING AT WWW.BVLABS.COM/TERMS-AND-CONDITIONS.
 * IT IS THE RESPONSIBILITY OF THE RELINQUISHER TO ENSURE THE ACCURACY OF THE CHAIN OF CUSTODY RECORD. AN INCOMPLETE CHAIN OF CUSTODY MAY RESULT IN ANALYTICAL TAT DELAYS.
 ** SAMPLE CONTAINER, PRESERVATION, HOLD TIME AND PACKAGE INFORMATION CAN BE VIEWED AT WWW.BVLABS.COM/RESOURCES/CHAIN-OF-CUSTODY-FORMS.

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

White: BV Labs

Yellow: Client



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

CHAIN OF CUSTODY RECORD

Page 342

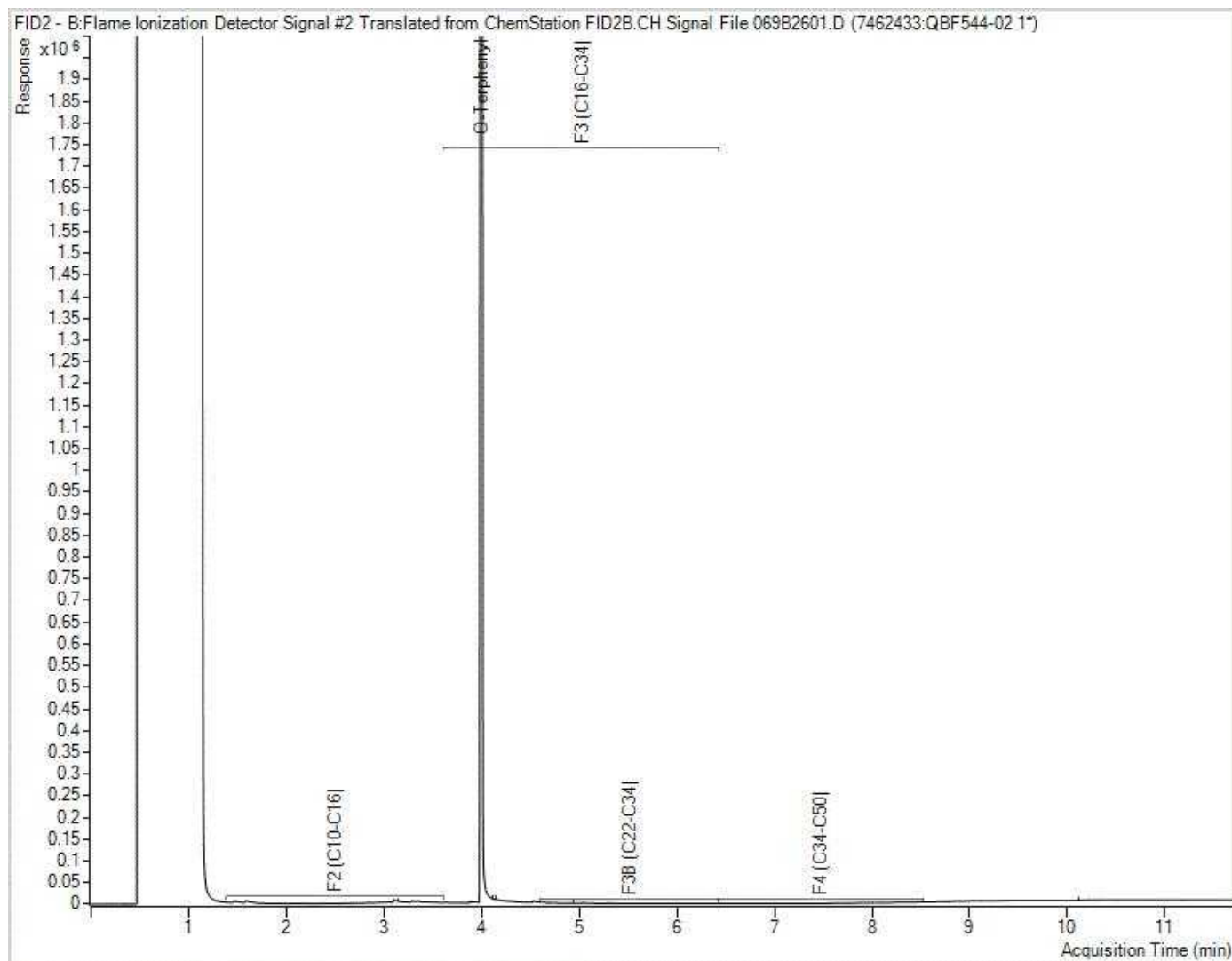
INVOICE TO:			REPORT TO:			PROJECT INFORMATION:			Laboratory Use Only:		
Company Name: #3103 Pinchin Ltd			Company Name: Robert MacKenzie, John Glenzie, John Glenzie, John Glenzie			Quotation #: A70927			BV Labs Job #:		
Attention: Accounts Payable			Attention:			P.O. #: 294348			Bottle Order #:		
Address: 2470 Milltower Crt			Address:			Project:			835142		
Mississauga ON L5N 7W5						Project Name:			COC #:		
Tel: (905) 363-0678 Fax: (905) 363-0681			Tel: (905) 363-0678 Ext: 1337 Fax:			Site #: 1250 South Service Road			Project Manager:		
Email: ap@pinchin.com			Email: mackenzie@pinchin.com			Sampled By: JB AN-SP			Antoniella Brasil		
MOE REGULATED DRINKING WATER OR WATER INTENDED FOR HUMAN CONSUMPTION MUST BE SUBMITTED ON THE BV LABS DRINKING WATER CHAIN OF CUSTODY											
Regulation 153 (2011)			Other Regulations			Special Instructions			Turnaround Time (TAT) Required:		
☐ Table 1 ☐ Res/Park ☐ Medium/Fine			☐ CCME ☐ Sanitary Sewer Bylaw			Field Filtered (please circle): Metals / Hg / Cr / VI			Regular (Standard) TAT:		
☐ Table 2 ☒ Ind/Comm ☐ Coarse			☐ Reg 558 ☐ Storm Sewer Bylaw						(will be applied if Rush TAT is not specified):		
☒ Table 3 ☐ Agri/Other ☒ For RSC			☐ MISA Municipality						Standard TAT = 5-7 Working days for most tests.		
☐ Table			☐ PWQO ☐ Reg 406 Table						Please note: Standard TAT for certain tests such as BOD and Dioxins/Furans are > 5 days - contact your Project Manager for details.		
			☐ Other						Job Specific Rush TAT (if applies to entire submission) 3 Days Rush		
Include Criteria on Certificate of Analysis (Y/N)? <u>N</u>									Date Required: July 13, 2011 Time Required:		
									Rush Confirmation Number: (call lab for #)		
Sample Barcode Label			Sample (Location) Identification			Date Sampled			Time Sampled		
Matrix											
1			DUP01-070921			201/07/09			— GW		
2			DUP2-090721			↓			— ↓		
3			DUP03-070921			↓			— ↓		
4			Trip Blank			201/07/09 7:30am			GW		
5											
6											
7											
8											
9											
10											
* RELINQUISHED BY: (Signature/Print)			Date: (YY/MM/DD)			Time			RECEIVED BY: (Signature/Print)		
Date: (YY/MM/DD)			Time						# jars used and not submitted		
Laboratory Use Only											
Time Sensitive			Temperature (°C) on Receipt			Custody Seal			Yes No		
									Intact		
* UNLESS OTHERWISE AGREED TO IN WRITING, WORK SUBMITTED ON THIS CHAIN OF CUSTODY IS SUBJECT TO BV LABS' STANDARD TERMS AND CONDITIONS. SIGNING OF THIS CHAIN OF CUSTODY DOCUMENT IS ACKNOWLEDGMENT AND ACCEPTANCE OF OUR TERMS WHICH ARE AVAILABLE FOR VIEWING AT WWW.BVLABS.COM/TERMS-AND-CONDITIONS.											
* IT IS THE RESPONSIBILITY OF THE RELINQUISHER TO ENSURE THE ACCURACY OF THE CHAIN OF CUSTODY RECORD. AN INCOMPLETE CHAIN OF CUSTODY MAY RESULT IN ANALYTICAL TAT DELAYS.											
** SAMPLE CONTAINER, PRESERVATION, HOLD TIME AND PACKAGE INFORMATION CAN BE VIEWED AT WWW.BVLABS.COM/RESOURCES/CHAIN-OF-CUSTODY-FORMS.											
SAMPLER MUST BE KEPT COOL (< 10°C) FROM TIME OF SAMPLING UNTIL DELIVERY TO BV LABS											
White: BV Labs Yellow: Client											

Bureau Veritas Canada (2019) Inc.

BV Labs Job #: C1J1447
Report Date: 2021/07/15
BV Labs Sample: QBF544

Pinchin Ltd
Client Project #: 294348
Project name: 1250 SOUTH SERVICE ROAD
Client ID: MW-2

Petroleum Hydrocarbons F2-F4 in Water Chromatogram

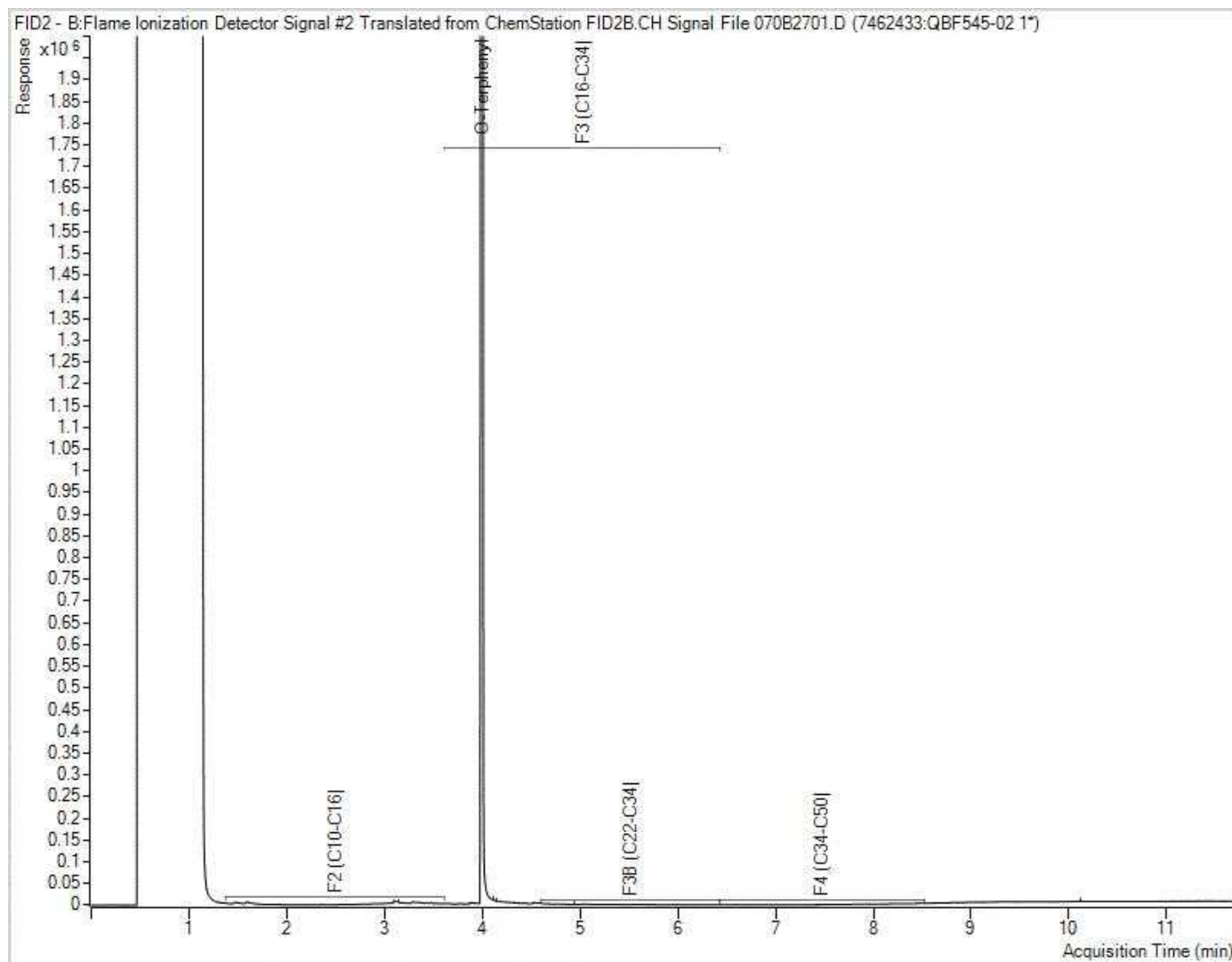


Note: This information is provided for reference purposes only. Should detailed chemist interpretation or fingerprinting be required, please contact the laboratory.

BV Labs Job #: C1J1447
Report Date: 2021/07/15
BV Labs Sample: QBF545

Pinchin Ltd
Client Project #: 294348
Project name: 1250 SOUTH SERVICE ROAD
Client ID: MW09-5

Petroleum Hydrocarbons F2-F4 in Water Chromatogram

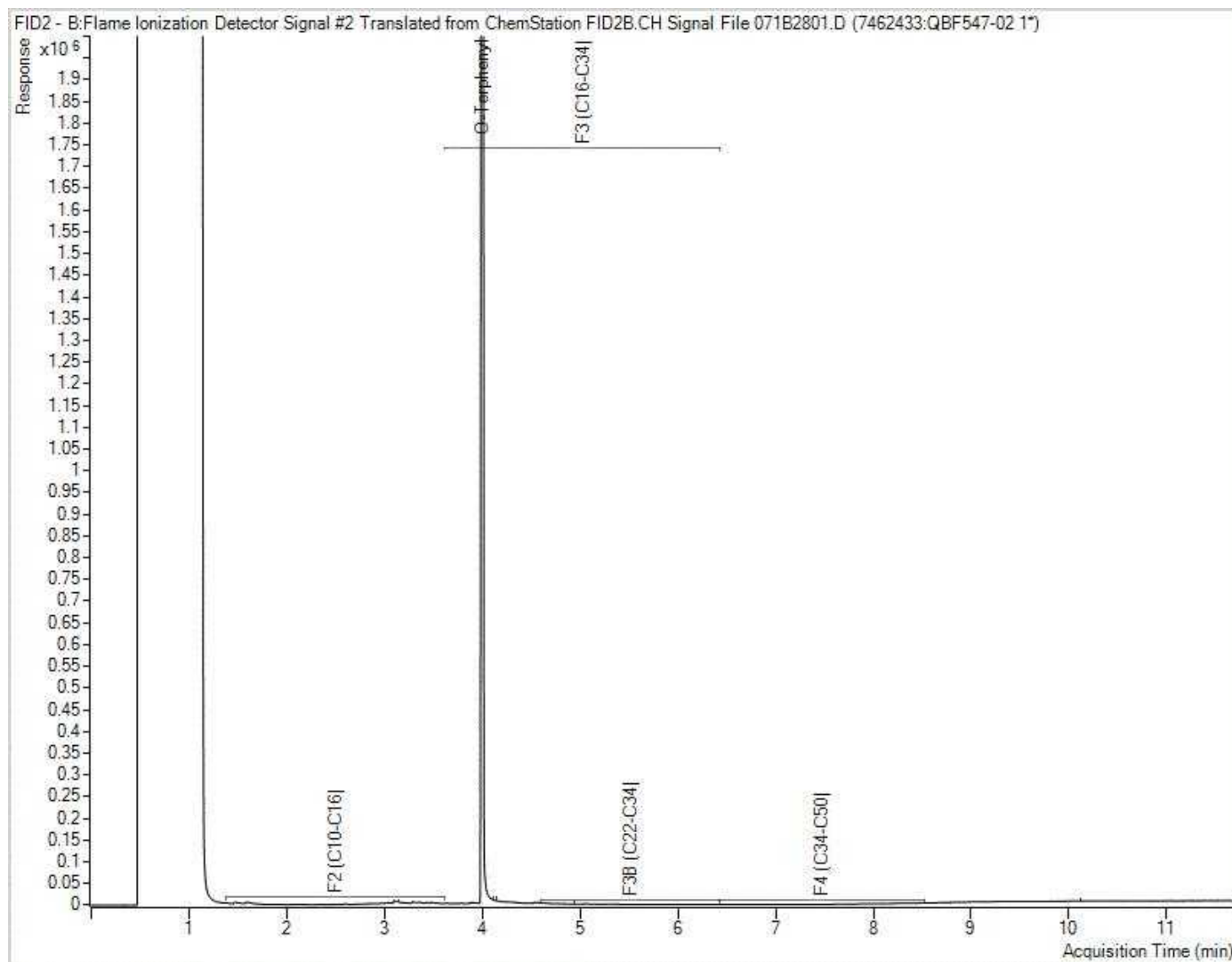


Note: This information is provided for reference purposes only. Should detailed chemist interpretation or fingerprinting be required, please contact the laboratory.

BV Labs Job #: C1J1447
Report Date: 2021/07/15
BV Labs Sample: QBF547

Pinchin Ltd
Client Project #: 294348
Project name: 1250 SOUTH SERVICE ROAD
Client ID: MW21-14

Petroleum Hydrocarbons F2-F4 in Water Chromatogram

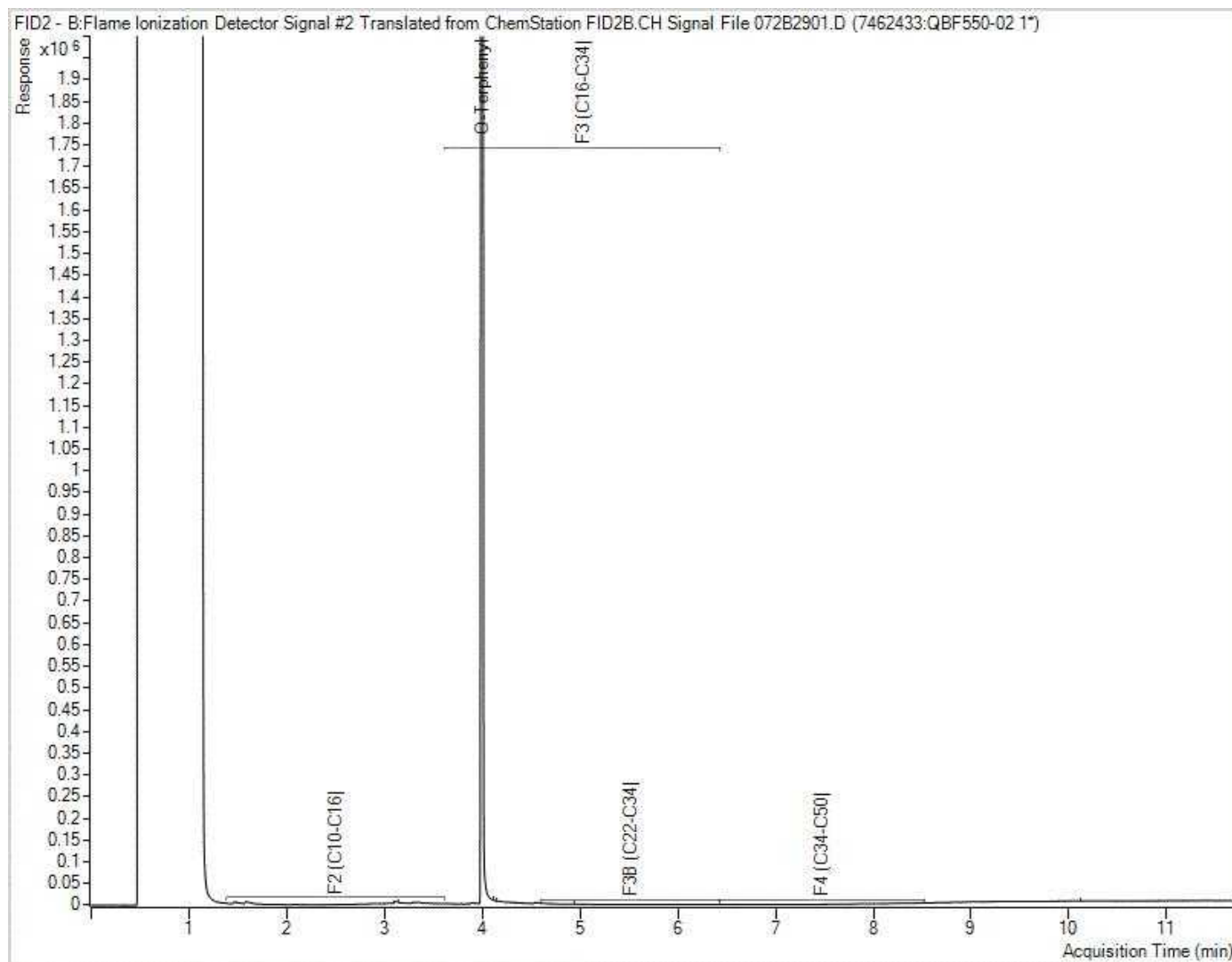


Note: This information is provided for reference purposes only. Should detailed chemist interpretation or fingerprinting be required, please contact the laboratory.

BV Labs Job #: C1J1447
Report Date: 2021/07/15
BV Labs Sample: QBF550

Pinchin Ltd
Client Project #: 294348
Project name: 1250 SOUTH SERVICE ROAD
Client ID: DUP2-090721

Petroleum Hydrocarbons F2-F4 in Water Chromatogram



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



Your Project #: 294348
Site Location: PHASE TWO ESA
Your C.O.C. #: 160053

Attention: Toby Glanville

Pinchin Ltd
2470 Milltower Crt
Mississauga, ON
CANADA L5N 7W5

Report Date: 2021/07/14
Report #: R6718412
Version: 1 - Final

CERTIFICATE OF ANALYSIS

BV LABS JOB #: C1J1871

Received: 2021/07/12, 08:00

Sample Matrix: Water
Samples Received: 14

Analyses	Date		Laboratory Method	Analytical Method
	Quantity	Extracted		
1,3-Dichloropropene Sum	14	N/A	2021/07/14	EPA 8260C m
Volatile Organic Compounds in Water	14	N/A	2021/07/13 CAM SOP-00228	EPA 8260C m

Remarks:

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

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

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

Solid sample results, except biota, are based on dry weight unless otherwise indicated. Organic analyses are not recovery corrected except for isotope dilution methods.

Results relate to samples tested. When sampling is not conducted by Bureau Veritas, results relate to the supplied samples tested.

This Certificate shall not be reproduced except in full, without the written approval of the laboratory.

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

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



Your Project #: 294348
Site Location: PHASE TWO ESA
Your C.O.C. #: 160053

Attention: Toby Glanville

Pinchin Ltd
2470 Milltower Crt
Mississauga, ON
CANADA L5N 7W5

Report Date: 2021/07/14
Report #: R6718412
Version: 1 - Final

CERTIFICATE OF ANALYSIS

BV LABS JOB #: C1J1871

Received: 2021/07/12, 08:00

Encryption Key

Please direct all questions regarding this Certificate of Analysis to your Project Manager.

Antonella Brasil, Senior Project Manager

Email: Antonella.Brasil@bureauveritas.com

Phone# (905)817-5817

=====

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BV Labs Job #: C1J1871
Report Date: 2021/07/14

Pinchin Ltd
Client Project #: 294348
Site Location: PHASE TWO ESA
Sampler Initials: ED

O.REG 153 VOCs BY HS (WATER)

BV Labs ID		QBI422	QBI423				QBI423			
Sampling Date		2021/07/10 17:00	2021/07/10 18:00				2021/07/10 18:00			
COC Number		160053	160053				160053			
	UNITS	MW21-05	MW21-03	RDL	MDL	QC Batch	MW21-03 Lab-Dup	RDL	MDL	QC Batch
Calculated Parameters										
1,3-Dichloropropene (cis+trans)	ug/L	<0.50	<0.50	0.50	0.50	7456785				
Volatile Organics										
Acetone (2-Propanone)	ug/L	<10	<10	10	1.0	7457736	<10	10	1.0	7457736
Benzene	ug/L	<0.20	<0.20	0.20	0.020	7457736	<0.20	0.20	0.020	7457736
Bromodichloromethane	ug/L	<0.50	<0.50	0.50	0.050	7457736	<0.50	0.50	0.050	7457736
Bromoform	ug/L	<1.0	<1.0	1.0	0.10	7457736	<1.0	1.0	0.10	7457736
Bromomethane	ug/L	<0.50	<0.50	0.50	0.10	7457736	<0.50	0.50	0.10	7457736
Carbon Tetrachloride	ug/L	<0.19	<0.19	0.19	0.050	7457736	<0.19	0.19	0.050	7457736
Chlorobenzene	ug/L	<0.20	<0.20	0.20	0.010	7457736	<0.20	0.20	0.010	7457736
Chloroform	ug/L	<0.20	<0.20	0.20	0.050	7457736	<0.20	0.20	0.050	7457736
Dibromochloromethane	ug/L	<0.50	<0.50	0.50	0.050	7457736	<0.50	0.50	0.050	7457736
1,2-Dichlorobenzene	ug/L	<0.40	<0.40	0.40	0.050	7457736	<0.40	0.40	0.050	7457736
1,3-Dichlorobenzene	ug/L	<0.40	<0.40	0.40	0.050	7457736	<0.40	0.40	0.050	7457736
1,4-Dichlorobenzene	ug/L	<0.40	<0.40	0.40	0.050	7457736	<0.40	0.40	0.050	7457736
Dichlorodifluoromethane (FREON 12)	ug/L	<1.0	<1.0	1.0	0.050	7457736	<1.0	1.0	0.050	7457736
1,1-Dichloroethane	ug/L	<0.20	<0.20	0.20	0.050	7457736	<0.20	0.20	0.050	7457736
1,2-Dichloroethane	ug/L	<0.49	<0.49	0.49	0.020	7457736	<0.49	0.49	0.020	7457736
1,1-Dichloroethylene	ug/L	<0.20	<0.20	0.20	0.050	7457736	<0.20	0.20	0.050	7457736
cis-1,2-Dichloroethylene	ug/L	<0.50	<0.50	0.50	0.050	7457736	<0.50	0.50	0.050	7457736
trans-1,2-Dichloroethylene	ug/L	<0.50	<0.50	0.50	0.050	7457736	<0.50	0.50	0.050	7457736
1,2-Dichloropropane	ug/L	<0.20	<0.20	0.20	0.050	7457736	<0.20	0.20	0.050	7457736
cis-1,3-Dichloropropene	ug/L	<0.30	<0.30	0.30	0.050	7457736	<0.30	0.30	0.050	7457736
trans-1,3-Dichloropropene	ug/L	<0.40	<0.40	0.40	0.050	7457736	<0.40	0.40	0.050	7457736
Ethylbenzene	ug/L	<0.20	<0.20	0.20	0.010	7457736	<0.20	0.20	0.010	7457736
Ethylene Dibromide	ug/L	<0.19	<0.19	0.19	0.050	7457736	<0.19	0.19	0.050	7457736
Hexane	ug/L	<1.0	<1.0	1.0	0.10	7457736	<1.0	1.0	0.10	7457736
Methylene Chloride(Dichloromethane)	ug/L	<2.0	<2.0	2.0	0.10	7457736	<2.0	2.0	0.10	7457736
Methyl Ethyl Ketone (2-Butanone)	ug/L	<10	<10	10	0.50	7457736	<10	10	0.50	7457736
Methyl Isobutyl Ketone	ug/L	<5.0	<5.0	5.0	0.10	7457736	<5.0	5.0	0.10	7457736
Methyl t-butyl ether (MTBE)	ug/L	<0.50	<0.50	0.50	0.050	7457736	<0.50	0.50	0.050	7457736
RDL = Reportable Detection Limit										
QC Batch = Quality Control Batch										
Lab-Dup = Laboratory Initiated Duplicate										



BV Labs Job #: C1J1871
Report Date: 2021/07/14

Pinchin Ltd
Client Project #: 294348
Site Location: PHASE TWO ESA
Sampler Initials: ED

O.REG 153 VOCs BY HS (WATER)

BV Labs ID		QBI422	QBI423				QBI423			
Sampling Date		2021/07/10 17:00	2021/07/10 18:00				2021/07/10 18:00			
COC Number		160053	160053				160053			
	UNITS	MW21-05	MW21-03	RDL	MDL	QC Batch	MW21-03 Lab-Dup	RDL	MDL	QC Batch
Styrene	ug/L	<0.40	<0.40	0.40	0.050	7457736	<0.40	0.40	0.050	7457736
1,1,1,2-Tetrachloroethane	ug/L	<0.50	<0.50	0.50	0.050	7457736	<0.50	0.50	0.050	7457736
1,1,2,2-Tetrachloroethane	ug/L	<0.40	<0.40	0.40	0.050	7457736	<0.40	0.40	0.050	7457736
Tetrachloroethylene	ug/L	<0.20	<0.20	0.20	0.050	7457736	<0.20	0.20	0.050	7457736
Toluene	ug/L	<0.20	<0.20	0.20	0.010	7457736	<0.20	0.20	0.010	7457736
1,1,1-Trichloroethane	ug/L	<0.20	<0.20	0.20	0.050	7457736	<0.20	0.20	0.050	7457736
1,1,2-Trichloroethane	ug/L	<0.40	<0.40	0.40	0.050	7457736	<0.40	0.40	0.050	7457736
Trichloroethylene	ug/L	<0.20	<0.20	0.20	0.050	7457736	<0.20	0.20	0.050	7457736
Trichlorofluoromethane (FREON 11)	ug/L	<0.50	<0.50	0.50	0.10	7457736	<0.50	0.50	0.10	7457736
Vinyl Chloride	ug/L	<0.20	<0.20	0.20	0.050	7457736	<0.20	0.20	0.050	7457736
p+m-Xylene	ug/L	<0.20	<0.20	0.20	0.010	7457736	<0.20	0.20	0.010	7457736
o-Xylene	ug/L	<0.20	<0.20	0.20	0.010	7457736	<0.20	0.20	0.010	7457736
Total Xylenes	ug/L	<0.20	<0.20	0.20	0.010	7457736	<0.20	0.20	0.010	7457736
Surrogate Recovery (%)										
4-Bromofluorobenzene	%	90	90			7457736	90			7457736
D4-1,2-Dichloroethane	%	114	112			7457736	114			7457736
D8-Toluene	%	86	87			7457736	87			7457736
RDL = Reportable Detection Limit										
QC Batch = Quality Control Batch										
Lab-Dup = Laboratory Initiated Duplicate										



BV Labs Job #: C1J1871
Report Date: 2021/07/14

Pinchin Ltd
Client Project #: 294348
Site Location: PHASE TWO ESA
Sampler Initials: ED

O.REG 153 VOCs BY HS (WATER)

BV Labs ID		QBI424	QBI425	QBI426	QBI427	QBI428	QBI429			
Sampling Date		2021/07/10 16:45	2021/07/10 16:20	2021/07/10 13:05	2021/07/10 12:30	2021/07/11 13:50	2021/07/11 14:10			
COC Number		160053	160053	160053	160053	160053	160053			
	UNITS	MW21-04	MW14-2	MW14-4	MW09-1	MW14-6	MW21-13	RDL	MDL	QC Batch

Calculated Parameters										
1,3-Dichloropropene (cis+trans)	ug/L	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	0.50	0.50	7456785
Volatile Organics										
Acetone (2-Propanone)	ug/L	<10	<10	<10	13	10	<10	10	1.0	7457736
Benzene	ug/L	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	0.20	0.020	7457736
Bromodichloromethane	ug/L	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	0.50	0.050	7457736
Bromoform	ug/L	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	1.0	0.10	7457736
Bromomethane	ug/L	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	0.50	0.10	7457736
Carbon Tetrachloride	ug/L	<0.19	<0.19	<0.19	<0.19	<0.19	<0.19	0.19	0.050	7457736
Chlorobenzene	ug/L	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	0.20	0.010	7457736
Chloroform	ug/L	<0.20	<0.20	<0.20	<0.20	0.23	0.56	0.20	0.050	7457736
Dibromochloromethane	ug/L	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	0.50	0.050	7457736
1,2-Dichlorobenzene	ug/L	<0.40	<0.40	<0.40	<0.40	<0.40	<0.40	0.40	0.050	7457736
1,3-Dichlorobenzene	ug/L	<0.40	<0.40	<0.40	<0.40	<0.40	<0.40	0.40	0.050	7457736
1,4-Dichlorobenzene	ug/L	<0.40	<0.40	<0.40	<0.40	<0.40	<0.40	0.40	0.050	7457736
Dichlorodifluoromethane (FREON 12)	ug/L	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	1.0	0.050	7457736
1,1-Dichloroethane	ug/L	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	0.20	0.050	7457736
1,2-Dichloroethane	ug/L	<0.49	<0.49	<0.49	<0.49	<0.49	<0.49	0.49	0.020	7457736
1,1-Dichloroethylene	ug/L	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	0.20	0.050	7457736
cis-1,2-Dichloroethylene	ug/L	<0.50	6.8	<0.50	<0.50	<0.50	<0.50	0.50	0.050	7457736
trans-1,2-Dichloroethylene	ug/L	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	0.50	0.050	7457736
1,2-Dichloropropane	ug/L	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	0.20	0.050	7457736
cis-1,3-Dichloropropene	ug/L	<0.30	<0.30	<0.30	<0.30	<0.30	<0.30	0.30	0.050	7457736
trans-1,3-Dichloropropene	ug/L	<0.40	<0.40	<0.40	<0.40	<0.40	<0.40	0.40	0.050	7457736
Ethylbenzene	ug/L	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	0.20	0.010	7457736
Ethylene Dibromide	ug/L	<0.19	<0.19	<0.19	<0.19	<0.19	<0.19	0.19	0.050	7457736
Hexane	ug/L	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	1.0	0.10	7457736
Methylene Chloride(Dichloromethane)	ug/L	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	2.0	0.10	7457736
Methyl Ethyl Ketone (2-Butanone)	ug/L	<10	<10	<10	<10	<10	<10	10	0.50	7457736
Methyl Isobutyl Ketone	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	5.0	0.10	7457736
Methyl t-butyl ether (MTBE)	ug/L	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	0.50	0.050	7457736
Styrene	ug/L	<0.40	<0.40	<0.40	<0.40	<0.40	<0.40	0.40	0.050	7457736

RDL = Reportable Detection Limit
QC Batch = Quality Control Batch



BUREAU
VERITAS

BV Labs Job #: C1J1871

Report Date: 2021/07/14

Pinchin Ltd

Client Project #: 294348

Site Location: PHASE TWO ESA

Sampler Initials: ED

O.REG 153 VOCs BY HS (WATER)

BV Labs ID		QBI424	QBI425	QBI426	QBI427	QBI428	QBI429			
Sampling Date		2021/07/10 16:45	2021/07/10 16:20	2021/07/10 13:05	2021/07/10 12:30	2021/07/11 13:50	2021/07/11 14:10			
COC Number		160053	160053	160053	160053	160053	160053			
	UNITS	MW21-04	MW14-2	MW14-4	MW09-1	MW14-6	MW21-13	RDL	MDL	QC Batch
1,1,1,2-Tetrachloroethane	ug/L	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	0.50	0.050	7457736
1,1,2,2-Tetrachloroethane	ug/L	<0.40	<0.40	<0.40	<0.40	<0.40	<0.40	0.40	0.050	7457736
Tetrachloroethylene	ug/L	<0.20	<0.20	0.38	<0.20	0.27	16	0.20	0.050	7457736
Toluene	ug/L	<0.20	<0.20	<0.20	<0.20	0.23	<0.20	0.20	0.010	7457736
1,1,1-Trichloroethane	ug/L	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	0.20	0.050	7457736
1,1,2-Trichloroethane	ug/L	<0.40	<0.40	<0.40	<0.40	<0.40	<0.40	0.40	0.050	7457736
Trichloroethylene	ug/L	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	0.20	0.050	7457736
Trichlorofluoromethane (FREON 11)	ug/L	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	0.50	0.10	7457736
Vinyl Chloride	ug/L	<0.20	0.42	<0.20	<0.20	<0.20	<0.20	0.20	0.050	7457736
p+m-Xylene	ug/L	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	0.20	0.010	7457736
o-Xylene	ug/L	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	0.20	0.010	7457736
Total Xylenes	ug/L	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	0.20	0.010	7457736
Surrogate Recovery (%)										
4-Bromofluorobenzene	%	90	89	89	90	88	89			7457736
D4-1,2-Dichloroethane	%	116	117	117	121	118	121			7457736
D8-Toluene	%	86	86	86	86	86	85			7457736
RDL = Reportable Detection Limit										
QC Batch = Quality Control Batch										



BV Labs Job #: C1J1871
Report Date: 2021/07/14

Pinchin Ltd
Client Project #: 294348
Site Location: PHASE TWO ESA
Sampler Initials: ED

O.REG 153 VOCs BY HS (WATER)

BV Labs ID		QBI430	QBI431	QBI432	QBI433	QBI434	QBI435			
Sampling Date		2021/07/11 13:00	2021/07/11 07:30	2021/07/11 10:20	2021/07/11 08:45	2021/07/11 11:20	2021/07/11 07:30			
COC Number		160053	160053	160053	160053	160053	160053			
	UNITS	MW21-21	MW16-3	MW16-4	MW16-5	MW16-7	TRIP BLANK	RDL	MDL	QC Batch
Calculated Parameters										
1,3-Dichloropropene (cis+trans)	ug/L	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	0.50	0.50	7456785
Volatile Organics										
Acetone (2-Propanone)	ug/L	<10	<10	<10	<10	<10	<10	10	1.0	7457736
Benzene	ug/L	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	0.20	0.020	7457736
Bromodichloromethane	ug/L	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	0.50	0.050	7457736
Bromoform	ug/L	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	1.0	0.10	7457736
Bromomethane	ug/L	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	0.50	0.10	7457736
Carbon Tetrachloride	ug/L	<0.19	<0.19	<0.19	<0.19	<0.19	<0.19	0.19	0.050	7457736
Chlorobenzene	ug/L	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	0.20	0.010	7457736
Chloroform	ug/L	<0.20	<0.20	2.6	0.54	<0.20	<0.20	0.20	0.050	7457736
Dibromochloromethane	ug/L	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	0.50	0.050	7457736
1,2-Dichlorobenzene	ug/L	<0.40	<0.40	<0.40	<0.40	<0.40	<0.40	0.40	0.050	7457736
1,3-Dichlorobenzene	ug/L	<0.40	<0.40	<0.40	<0.40	<0.40	<0.40	0.40	0.050	7457736
1,4-Dichlorobenzene	ug/L	<0.40	<0.40	<0.40	<0.40	<0.40	<0.40	0.40	0.050	7457736
Dichlorodifluoromethane (FREON 12)	ug/L	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	1.0	0.050	7457736
1,1-Dichloroethane	ug/L	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	0.20	0.050	7457736
1,2-Dichloroethane	ug/L	<0.49	<0.49	<0.49	<0.49	<0.49	<0.49	0.49	0.020	7457736
1,1-Dichloroethylene	ug/L	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	0.20	0.050	7457736
cis-1,2-Dichloroethylene	ug/L	2.5	<0.50	<0.50	<0.50	<0.50	<0.50	0.50	0.050	7457736
trans-1,2-Dichloroethylene	ug/L	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	0.50	0.050	7457736
1,2-Dichloropropane	ug/L	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	0.20	0.050	7457736
cis-1,3-Dichloropropene	ug/L	<0.30	<0.30	<0.30	<0.30	<0.30	<0.30	0.30	0.050	7457736
trans-1,3-Dichloropropene	ug/L	<0.40	<0.40	<0.40	<0.40	<0.40	<0.40	0.40	0.050	7457736
Ethylbenzene	ug/L	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	0.20	0.010	7457736
Ethylene Dibromide	ug/L	<0.19	<0.19	<0.19	<0.19	<0.19	<0.19	0.19	0.050	7457736
Hexane	ug/L	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	1.0	0.10	7457736
Methylene Chloride (Dichloromethane)	ug/L	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	2.0	0.10	7457736
Methyl Ethyl Ketone (2-Butanone)	ug/L	<10	<10	<10	<10	<10	<10	10	0.50	7457736
Methyl Isobutyl Ketone	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	5.0	0.10	7457736
Methyl t-butyl ether (MTBE)	ug/L	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	0.50	0.050	7457736
Styrene	ug/L	<0.40	<0.40	<0.40	<0.40	<0.40	<0.40	0.40	0.050	7457736
RDL = Reportable Detection Limit										
QC Batch = Quality Control Batch										



BUREAU
VERITAS

BV Labs Job #: C1J1871

Report Date: 2021/07/14

Pinchin Ltd

Client Project #: 294348

Site Location: PHASE TWO ESA

Sampler Initials: ED

O.REG 153 VOCs BY HS (WATER)

BV Labs ID		QBI430	QBI431	QBI432	QBI433	QBI434	QBI435			
Sampling Date		2021/07/11 13:00	2021/07/11 07:30	2021/07/11 10:20	2021/07/11 08:45	2021/07/11 11:20	2021/07/11 07:30			
COC Number		160053	160053	160053	160053	160053	160053			
	UNITS	MW21-21	MW16-3	MW16-4	MW16-5	MW16-7	TRIP BLANK	RDL	MDL	QC Batch
1,1,1,2-Tetrachloroethane	ug/L	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	0.50	0.050	7457736
1,1,2,2-Tetrachloroethane	ug/L	<0.40	<0.40	<0.40	<0.40	<0.40	<0.40	0.40	0.050	7457736
Tetrachloroethylene	ug/L	<0.20	0.76	1.2	5.2	2.7	<0.20	0.20	0.050	7457736
Toluene	ug/L	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	0.20	0.010	7457736
1,1,1-Trichloroethane	ug/L	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	0.20	0.050	7457736
1,1,2-Trichloroethane	ug/L	<0.40	<0.40	<0.40	<0.40	<0.40	<0.40	0.40	0.050	7457736
Trichloroethylene	ug/L	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	0.20	0.050	7457736
Trichlorofluoromethane (FREON 11)	ug/L	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	0.50	0.10	7457736
Vinyl Chloride	ug/L	0.53	<0.20	<0.20	<0.20	<0.20	<0.20	0.20	0.050	7457736
p+m-Xylene	ug/L	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	0.20	0.010	7457736
o-Xylene	ug/L	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	0.20	0.010	7457736
Total Xylenes	ug/L	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	0.20	0.010	7457736
Surrogate Recovery (%)										
4-Bromofluorobenzene	%	88	89	89	88	88	89			7457736
D4-1,2-Dichloroethane	%	120	123	121	124	126	120			7457736
D8-Toluene	%	86	85	86	85	84	86			7457736
RDL = Reportable Detection Limit										
QC Batch = Quality Control Batch										



BV Labs Job #: C1J1871
Report Date: 2021/07/14

Pinchin Ltd
Client Project #: 294348
Site Location: PHASE TWO ESA
Sampler Initials: ED

TEST SUMMARY

BV Labs ID: QBI422
Sample ID: MW21-05
Matrix: Water

Collected: 2021/07/10
Shipped:
Received: 2021/07/12

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
1,3-Dichloropropene Sum	CALC	7456785	N/A	2021/07/14	Automated Statchk
Volatile Organic Compounds in Water	GC/MS	7457736	N/A	2021/07/13	Juan Pangilinan

BV Labs ID: QBI423
Sample ID: MW21-03
Matrix: Water

Collected: 2021/07/10
Shipped:
Received: 2021/07/12

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
1,3-Dichloropropene Sum	CALC	7456785	N/A	2021/07/14	Automated Statchk
Volatile Organic Compounds in Water	GC/MS	7457736	N/A	2021/07/13	Juan Pangilinan

BV Labs ID: QBI423 Dup
Sample ID: MW21-03
Matrix: Water

Collected: 2021/07/10
Shipped:
Received: 2021/07/12

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Volatile Organic Compounds in Water	GC/MS	7457736	N/A	2021/07/13	Juan Pangilinan

BV Labs ID: QBI424
Sample ID: MW21-04
Matrix: Water

Collected: 2021/07/10
Shipped:
Received: 2021/07/12

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
1,3-Dichloropropene Sum	CALC	7456785	N/A	2021/07/14	Automated Statchk
Volatile Organic Compounds in Water	GC/MS	7457736	N/A	2021/07/13	Juan Pangilinan

BV Labs ID: QBI425
Sample ID: MW14-2
Matrix: Water

Collected: 2021/07/10
Shipped:
Received: 2021/07/12

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
1,3-Dichloropropene Sum	CALC	7456785	N/A	2021/07/14	Automated Statchk
Volatile Organic Compounds in Water	GC/MS	7457736	N/A	2021/07/13	Juan Pangilinan

BV Labs ID: QBI426
Sample ID: MW14-4
Matrix: Water

Collected: 2021/07/10
Shipped:
Received: 2021/07/12

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
1,3-Dichloropropene Sum	CALC	7456785	N/A	2021/07/14	Automated Statchk
Volatile Organic Compounds in Water	GC/MS	7457736	N/A	2021/07/13	Juan Pangilinan



BV Labs Job #: C1J1871
Report Date: 2021/07/14

Pinchin Ltd
Client Project #: 294348
Site Location: PHASE TWO ESA
Sampler Initials: ED

TEST SUMMARY

BV Labs ID: QBI427
Sample ID: MW09-1
Matrix: Water

Collected: 2021/07/10
Shipped:
Received: 2021/07/12

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
1,3-Dichloropropene Sum	CALC	7456785	N/A	2021/07/14	Automated Statchk
Volatile Organic Compounds in Water	GC/MS	7457736	N/A	2021/07/13	Juan Pangilinan

BV Labs ID: QBI428
Sample ID: MW14-6
Matrix: Water

Collected: 2021/07/11
Shipped:
Received: 2021/07/12

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
1,3-Dichloropropene Sum	CALC	7456785	N/A	2021/07/14	Automated Statchk
Volatile Organic Compounds in Water	GC/MS	7457736	N/A	2021/07/13	Juan Pangilinan

BV Labs ID: QBI429
Sample ID: MW21-13
Matrix: Water

Collected: 2021/07/11
Shipped:
Received: 2021/07/12

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
1,3-Dichloropropene Sum	CALC	7456785	N/A	2021/07/14	Automated Statchk
Volatile Organic Compounds in Water	GC/MS	7457736	N/A	2021/07/13	Juan Pangilinan

BV Labs ID: QBI430
Sample ID: MW21-21
Matrix: Water

Collected: 2021/07/11
Shipped:
Received: 2021/07/12

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
1,3-Dichloropropene Sum	CALC	7456785	N/A	2021/07/14	Automated Statchk
Volatile Organic Compounds in Water	GC/MS	7457736	N/A	2021/07/13	Juan Pangilinan

BV Labs ID: QBI431
Sample ID: MW16-3
Matrix: Water

Collected: 2021/07/11
Shipped:
Received: 2021/07/12

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
1,3-Dichloropropene Sum	CALC	7456785	N/A	2021/07/14	Automated Statchk
Volatile Organic Compounds in Water	GC/MS	7457736	N/A	2021/07/13	Juan Pangilinan

BV Labs ID: QBI432
Sample ID: MW16-4
Matrix: Water

Collected: 2021/07/11
Shipped:
Received: 2021/07/12

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
1,3-Dichloropropene Sum	CALC	7456785	N/A	2021/07/14	Automated Statchk
Volatile Organic Compounds in Water	GC/MS	7457736	N/A	2021/07/13	Juan Pangilinan



BV Labs Job #: C1J1871
Report Date: 2021/07/14

Pinchin Ltd
Client Project #: 294348
Site Location: PHASE TWO ESA
Sampler Initials: ED

TEST SUMMARY

BV Labs ID: QBI433
Sample ID: MW16-5
Matrix: Water

Collected: 2021/07/11
Shipped:
Received: 2021/07/12

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
1,3-Dichloropropene Sum	CALC	7456785	N/A	2021/07/14	Automated Statchk
Volatile Organic Compounds in Water	GC/MS	7457736	N/A	2021/07/13	Juan Pangilinan

BV Labs ID: QBI434
Sample ID: MW16-7
Matrix: Water

Collected: 2021/07/11
Shipped:
Received: 2021/07/12

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
1,3-Dichloropropene Sum	CALC	7456785	N/A	2021/07/14	Automated Statchk
Volatile Organic Compounds in Water	GC/MS	7457736	N/A	2021/07/13	Juan Pangilinan

BV Labs ID: QBI435
Sample ID: TRIP BLANK
Matrix: Water

Collected: 2021/07/11
Shipped:
Received: 2021/07/12

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
1,3-Dichloropropene Sum	CALC	7456785	N/A	2021/07/14	Automated Statchk
Volatile Organic Compounds in Water	GC/MS	7457736	N/A	2021/07/13	Juan Pangilinan



GENERAL COMMENTS

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

Package 1	1.7°C
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Cooler custody seal was present and intact.

All 40 ml vials for VOC analysis contained visible sediment, except for the Trip Blank.

Results relate only to the items tested.

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VERITAS

BV Labs Job #: C1J1871

Report Date: 2021/07/14

QUALITY ASSURANCE REPORT

Pinchin Ltd

Client Project #: 294348

Site Location: PHASE TWO ESA

Sampler Initials: ED

QC Batch	Parameter	Date	Matrix Spike		SPIKED BLANK		Method Blank		RPD	
			% Recovery	QC Limits	% Recovery	QC Limits	Value	UNITS	Value (%)	QC Limits
7457736	4-Bromofluorobenzene	2021/07/13	105	70 - 130	107	70 - 130	94	%		
7457736	D4-1,2-Dichloroethane	2021/07/13	104	70 - 130	99	70 - 130	111	%		
7457736	D8-Toluene	2021/07/13	107	70 - 130	110	70 - 130	88	%		
7457736	1,1,1,2-Tetrachloroethane	2021/07/13	97	70 - 130	98	70 - 130	<0.50	ug/L	NC	30
7457736	1,1,1-Trichloroethane	2021/07/13	98	70 - 130	99	70 - 130	<0.20	ug/L	NC	30
7457736	1,1,2,2-Tetrachloroethane	2021/07/13	99	70 - 130	95	70 - 130	<0.40	ug/L	NC	30
7457736	1,1,2-Trichloroethane	2021/07/13	101	70 - 130	98	70 - 130	<0.40	ug/L	NC	30
7457736	1,1-Dichloroethane	2021/07/13	93	70 - 130	92	70 - 130	<0.20	ug/L	NC	30
7457736	1,1-Dichloroethylene	2021/07/13	95	70 - 130	96	70 - 130	<0.20	ug/L	NC	30
7457736	1,2-Dichlorobenzene	2021/07/13	97	70 - 130	98	70 - 130	<0.40	ug/L	NC	30
7457736	1,2-Dichloroethane	2021/07/13	97	70 - 130	93	70 - 130	<0.49	ug/L	NC	30
7457736	1,2-Dichloropropane	2021/07/13	96	70 - 130	95	70 - 130	<0.20	ug/L	NC	30
7457736	1,3-Dichlorobenzene	2021/07/13	94	70 - 130	96	70 - 130	<0.40	ug/L	NC	30
7457736	1,4-Dichlorobenzene	2021/07/13	112	70 - 130	115	70 - 130	<0.40	ug/L	NC	30
7457736	Acetone (2-Propanone)	2021/07/13	110	60 - 140	99	60 - 140	<10	ug/L	NC	30
7457736	Benzene	2021/07/13	92	70 - 130	92	70 - 130	<0.20	ug/L	NC	30
7457736	Bromodichloromethane	2021/07/13	100	70 - 130	98	70 - 130	<0.50	ug/L	NC	30
7457736	Bromoform	2021/07/13	103	70 - 130	100	70 - 130	<1.0	ug/L	NC	30
7457736	Bromomethane	2021/07/13	91	60 - 140	91	60 - 140	<0.50	ug/L	NC	30
7457736	Carbon Tetrachloride	2021/07/13	95	70 - 130	96	70 - 130	<0.19	ug/L	NC	30
7457736	Chlorobenzene	2021/07/13	97	70 - 130	98	70 - 130	<0.20	ug/L	NC	30
7457736	Chloroform	2021/07/13	96	70 - 130	95	70 - 130	<0.20	ug/L	NC	30
7457736	cis-1,2-Dichloroethylene	2021/07/13	102	70 - 130	101	70 - 130	<0.50	ug/L	NC	30
7457736	cis-1,3-Dichloropropene	2021/07/13	101	70 - 130	92	70 - 130	<0.30	ug/L	NC	30
7457736	Dibromochloromethane	2021/07/13	92	70 - 130	90	70 - 130	<0.50	ug/L	NC	30
7457736	Dichlorodifluoromethane (FREON 12)	2021/07/13	81	60 - 140	85	60 - 140	<1.0	ug/L	NC	30
7457736	Ethylbenzene	2021/07/13	67 (1)	70 - 130	70 (1)	70 - 130	<0.20	ug/L	NC	30
7457736	Ethylene Dibromide	2021/07/13	98	70 - 130	95	70 - 130	<0.19	ug/L	NC	30
7457736	Hexane	2021/07/13	104	70 - 130	108	70 - 130	<1.0	ug/L	NC	30
7457736	Methyl Ethyl Ketone (2-Butanone)	2021/07/13	118	60 - 140	107	60 - 140	<10	ug/L	NC	30
7457736	Methyl Isobutyl Ketone	2021/07/13	116	70 - 130	111	70 - 130	<5.0	ug/L	NC	30

BUREAU
VERITAS

BV Labs Job #: C1J1871

Report Date: 2021/07/14

QUALITY ASSURANCE REPORT(CONT'D)

Pinchin Ltd

Client Project #: 294348

Site Location: PHASE TWO ESA

Sampler Initials: ED

QC Batch	Parameter	Date	Matrix Spike		SPIKED BLANK		Method Blank		RPD	
			% Recovery	QC Limits	% Recovery	QC Limits	Value	UNITS	Value (%)	QC Limits
7457736	Methyl t-butyl ether (MTBE)	2021/07/13	91	70 - 130	90	70 - 130	<0.50	ug/L	NC	30
7457736	Methylene Chloride(Dichloromethane)	2021/07/13	121	70 - 130	118	70 - 130	<2.0	ug/L	NC	30
7457736	o-Xylene	2021/07/13	83	70 - 130	94	70 - 130	<0.20	ug/L	NC	30
7457736	p+m-Xylene	2021/07/13	68 (1)	70 - 130	72	70 - 130	<0.20	ug/L	NC	30
7457736	Styrene	2021/07/13	77	70 - 130	86	70 - 130	<0.40	ug/L	NC	30
7457736	Tetrachloroethylene	2021/07/13	90	70 - 130	94	70 - 130	<0.20	ug/L	NC	30
7457736	Toluene	2021/07/13	98	70 - 130	101	70 - 130	<0.20	ug/L	NC	30
7457736	Total Xylenes	2021/07/13					<0.20	ug/L	NC	30
7457736	trans-1,2-Dichloroethylene	2021/07/13	98	70 - 130	99	70 - 130	<0.50	ug/L	NC	30
7457736	trans-1,3-Dichloropropene	2021/07/13	111	70 - 130	101	70 - 130	<0.40	ug/L	NC	30
7457736	Trichloroethylene	2021/07/13	101	70 - 130	102	70 - 130	<0.20	ug/L	NC	30
7457736	Trichlorofluoromethane (FREON 11)	2021/07/13	93	70 - 130	96	70 - 130	<0.50	ug/L	NC	30
7457736	Vinyl Chloride	2021/07/13	92	70 - 130	93	70 - 130	<0.20	ug/L	NC	30

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

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

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

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

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

NC (Duplicate RPD): The duplicate RPD was not calculated. The concentration in the sample and/or duplicate was too low to permit a reliable RPD calculation (absolute difference $\leq 2 \times \text{RDL}$).

(1) The recovery was below the lower control limit. This may represent a low bias in some results for this specific analyte.



FUNDAMENTAL LABORATORY ACCEPTANCE GUIDELINE

Invoice To:

Pinchin Ltd
ATTN: Accounts Payable
2470 Milltower Crt
Mississauga, ON
CANADA L5N 7W5
Client Contact:
Toby Glanville

BV Labs Job #:	C1J1871
Date Received:	2021/07/12
Your C.O.C. #:	160053
Your Project #:	294348
BV Labs Project Manager:	Antonella Brasil
Quote #:	A70927

No discrepancies noted.

Report Comments

Received Date:	<u>2021/07/12</u>	Time:	<u>08:00</u>	By:	_____
Inspected Date:	_____	Time:	_____	By:	_____
FLAG Created Date:	_____	Time:	_____	By:	_____



BUREAU
VERITAS

BV Labs Job #: C1J1871

Report Date: 2021/07/14

Pinchin Ltd

Client Project #: 294348

Site Location: PHASE TWO ESA

Sampler Initials: ED

VALIDATION SIGNATURE PAGE

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

Anastassia Hamanov, Scientific Specialist

BV Labs has procedures in place to guard against improper use of the electronic signature and have the required "signatories", as per ISO/IEC 17025, signing the reports. For Service Group specific validation please refer to the Validation Signature Page.

**RUSH!**

6740 Campobello Road, Mississauga, Ontario L5N 2L8
 Phone: 905-817-5700 Fax: 905-817-5779 Toll Free: 800-563-6266
 CAM FCD-01191/6

CHAIN OF CUSTODY RECORD **160053** Page 1 of 2

Invoice Information		Report Information (if differs from invoice)		Project Information (where applicable)		Turnaround Time (TAT) Required	
Company Name: <u>#3103 Pinchin Ltd.</u>		Company Name: <u>Pinchin</u>		Quotation #: _____		☐ Regular TAT (5-7 days) Most analyses	
Contact Name: <u>Accounts Payable</u>		Contact Name: <u>Toby Glanville, Elyse Doane</u>		P.O. #/ AFER: _____		PLEASE PROVIDE ADVANCE NOTICE FOR RUSH PROJECTS	
Address: <u>3470 Mill Tower Crt.</u>		Address: _____		Project #: <u>294348</u>		Rush TAT (Surcharges will be applied)	
Address: <u>Mississauga ON L5N 7W5</u>		Address: _____		Site Location: _____		☐ 1 Day ☐ 2 Days ☐ 3-4 Days	
Phone: <u>(905) 365-0678</u> Fax: <u>(905) 363-0681</u>		Phone: _____ Fax: _____		Site #: _____		Date Required: <u>Wednesday July 14, 2011</u>	
Email: <u>ap@pinchin.com</u>		Email: <u>tglanville@pinchin.com, edoane@pinchin.com</u>		Site Location Province: _____		Rush Confirmation #: <u>ABR070810</u>	
MOE REGULATED DRINKING WATER OR WATER INTENDED FOR HUMAN CONSUMPTION MUST BE SUBMITTED ON THE BUREAU VERITAS LABORATORIES' DRINKING WATER CHAIN OF CUSTODY							
Regulation 153		Other Regulations		Analysis Requested		LABORATORY USE ONLY	
☐ Table 1 ☐ Res/Park ☐ Med/ Fine ☐ Table 2 ☐ Ind/Comm ☐ Coarse ☐ Table 3 ☐ Agri/ Other ☐ Table _____ FOR RSC (PLEASE CIRCLE) <u>(Y)</u> N		☐ CCME ☐ Sanitary Sewer Bylaw ☐ MISA ☐ Storm Sewer Bylaw ☐ PQDO Region ☐ Other (Specify) _____ ☐ REG 458 (MIN. 3 DAY TAT REQUIRED) ☐ REG 406 Table _____		ANALYSIS REQUESTED REG 153 METALS & INORGANICS REG 153 ICPMS METALS REG 153 METALS (Hg, Cr, V, ICPMS Metals, HWS - B) REG 153 ICPMS METALS REG 153 METALS (Hg, Cr, V, ICPMS Metals, HWS - B)		CUSTODY SEAL <u>(Y)</u> N Present Intact COOLING MEDIA PRESENT: <u>(Y)</u> N COMMENTS:	
Include Criteria on Certificate of Analysis: Y / N							
SAMPLES MUST BE KEPT COOL (<10 °C) FROM TIME OF SAMPLING UNTIL DELIVERY TO BUREAU VERITAS							
SAMPLE IDENTIFICATION		DATE SAMPLED (YYYY/MM/DD)	TIME SAMPLED (HH:MM)	MATRIX	# OF CONTAINERS SUBMITTED	FIELD FILTERED (CIRCLE) Metals / Hg / Cr / V	COOLING MEDIA PRESENT
1	MW21-05	21/07/10	5:00 PM	GW	1	NA	✓
2	MW21-03	21/07/10	6:00 PM		3		✓
3	MW21-04	21/07/10	4:45 PM		2		✓
4	MW14-2	21/07/10	4:20 PM		3		✓
5	MW14-4	21/07/10	1:05 PM		3		✓
6	MW09-1	21/07/10	12:30 PM		3		✓
7	MW14-6	21/07/11	1:50 PM		3		✓
8	MW21-13	21/07/11	2:10 PM		3		✓
9	MW21-21	21/07/11	1:00 PM		3		✓
10							
RELINQUISHED BY: (Signature/Print)		DATE: (YYYY/MM/DD)	TIME: (HH:MM)	RECEIVED BY: (Signature/Print)		DATE: (YYYY/MM/DD)	TIME: (HH:MM)
<u>Elyse Doane</u>		21/07/11	5:30 PM	<u>Toby Glanville</u>		24/07/12	08:00

Unless otherwise agreed to in writing, work submitted on this Chain of Custody is subject to Bureau Veritas Laboratories' standard Terms and Conditions. Signing of this Chain of Custody document is acknowledgment and acceptance and conditions

COC-1004 (06/19)

12-Jul-21 08:00

Antonella Brasil



C1J1871

J L ENV-413



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

CHAIN OF CUSTODY RECORD

Page 2 of 2

INVOICE TO:		REPORT TO:		PROJECT INFORMATION:		Laboratory Use Only:	
Company Name:	#3103 Pinchin Ltd	Company Name:	Pinchin	Quotation #:	1505	BV Labs Job #:	Bottle Order #:
Attention:	Accounts Payable	Attention:	Toby Glenville, Elyse Doane	P.O. #:	244348		
Address:	2470 Milltower Crt Mississauga ON L5N 7W5	Address:		Project:	Pinch Two 65A	COC #:	Project Manager:
Tel:	(905) 363-0678	Tel:	TGlenville@pinchin.com	Site #:			Antonella Brasil
Email:	ap@pinchin.com	Email:	ed@pinchin.com	Sampled By:	AH/		

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

Regulation 153 (2011)		Other Regulations		Special Instructions		ANALYSIS REQUESTED (PLEASE BE SPECIFIC)												Tumaround Time (TAT) Required:	
☐ Table 1	☐ Res/Park	☐ Medium/Fine	☐ CCME	☐ Sanitary Sewer Bylaw	FOR RSC	Field Filtered (please circle) Metals / Hg / Cr VI	☒ O Reg 153 VOCs	☐ O Reg 153 PAHs	☐ O Reg 153 PCBs (Water)	☐ O Reg 153 Semivolatile Package (Water)	☐ Phenols (4AAP)	☐ O Reg 153 Chlorophenols (Water)	☐ O Reg 153 Dissolved Metals (Water)	☐ O Reg 153 Dissolved ICPMS Metals (Water)	☐ Dissolved Furans in Water (1613B)	Please provide advance notice for rush projects.			
☐ Table 2	☒ Ind/Comm	☐ Coarse	☐ Reg 558	☐ Storm Sewer Bylaw												Regular (Standard) TAT:			
☒ Table 3	☐ Agri/Other	☒ For RSC	☐ MISA	☐ Municipality												(will be applied if Rush TAT is not specified)			
☐ Table			☐ PWQO	☐ Reg 406 Table												Standard TAT = 5-7 Working days for most tests.			
Include Criteria on Certificate of Analysis (Y/N)?																Please note: Standard TAT for certain tests such as BOD and Dioxins/Furans are > 5 days - contact your Project Manager for details.			
Sample Barcode Label	Sample (Location) Identification	Date Sampled	Time Sampled	Matrix												# of Bottles	Comments		
1 MW16-3		07/11/21	7:30am	GW	N/A	X										3			
2 MW16-4		07/11/21	10:20am	GW		X										3			
3 MW16-5		07/11/21	8:45am	GW		X										3			
4 MW16-7		07/11/21	11:20am	GW		X										3			
5 Trip Blank		07/11/21	7:30am	GW	✓	X										2			
6																			
7																			
8																			
9																			
10																			

* RELINQUISHED BY: (Signature/Print)		Date: (YY/MM/DD)	Time	RECEIVED BY: (Signature/Print)		Date: (YY/MM/DD)	Time	# jars used and not submitted	Laboratory Use Only				
Elyse Doane		21/07/11	5:30pm	See Page 1					Time Sensitive	Temperature (°C) on Receipt	Custody Seal Present	Yes	No
White: BV Labs Yellow: Client													

* UNLESS OTHERWISE AGREED TO IN WRITING, WORK SUBMITTED ON THIS CHAIN OF CUSTODY IS SUBJECT TO BV LABS' STANDARD TERMS AND CONDITIONS. SIGNING OF THIS CHAIN OF CUSTODY DOCUMENT IS ACKNOWLEDGMENT AND ACCEPTANCE OF OUR TERMS WHICH ARE AVAILABLE FOR VIEWING AT WWW.BVLABS.COM/TERMS-AND-CONDITIONS.

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

** SAMPLE CONTAINER, PRESERVATION, HOLD TIME AND PACKAGE INFORMATION CAN BE VIEWED AT WWW.BVLABS.COM/RESOURCES/CHAIN-OF-CUSTODY-FORMS.

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



Your Project #: 294348
Site Location: 1250 SOUTH SERVICE ROAD
Your C.O.C. #: 835142-03-01

Attention: Robert MacKenzie

Pinchin Ltd
2470 Milltower Crt
Mississauga, ON
CANADA L5N 7W5

Report Date: 2021/07/15
Report #: R6720665
Version: 1 - Final

CERTIFICATE OF ANALYSIS

BV LABS JOB #: C1J3167

Received: 2021/07/13, 08:00

Sample Matrix: Water
Samples Received: 9

Analyses	Date		Laboratory Method	Analytical Method
	Quantity	Extracted		
1,3-Dichloropropene Sum	8	N/A	2021/07/15	EPA 8260C m
Chloride by Automated Colourimetry	1	N/A	2021/07/14 CAM SOP-00463	SM 23 4500-Cl E m
Dissolved Metals by ICPMS	1	N/A	2021/07/14 CAM SOP-00447	EPA 6020B m
Volatile Organic Compounds in Water	8	N/A	2021/07/14 CAM SOP-00228	EPA 8260C m

Remarks:

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

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

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

Solid sample results, except biota, are based on dry weight unless otherwise indicated. Organic analyses are not recovery corrected except for isotope dilution methods.

Results relate to samples tested. When sampling is not conducted by Bureau Veritas, results relate to the supplied samples tested.

This Certificate shall not be reproduced except in full, without the written approval of the laboratory.

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

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



Your Project #: 294348
Site Location: 1250 SOUTH SERVICE ROAD
Your C.O.C. #: 835142-03-01

Attention: Robert MacKenzie

Pinchin Ltd
2470 Milltower Crt
Mississauga, ON
CANADA L5N 7W5

Report Date: 2021/07/15
Report #: R6720665
Version: 1 - Final

CERTIFICATE OF ANALYSIS

BV LABS JOB #: C1J3167
Received: 2021/07/13, 08:00

Encryption Key

Please direct all questions regarding this Certificate of Analysis to your Project Manager.
Antonella Brasil, Senior Project Manager
Email: Antonella.Brasil@bureauveritas.com
Phone# (905)817-5817

=====

This report has been generated and distributed using a secure automated process.

BV Labs has procedures in place to guard against improper use of the electronic signature and have the required "signatories", as per ISO/IEC 17025, signing the reports. For Service Group specific validation please refer to the Validation Signature Page.



BUREAU
VERITAS

BV Labs Job #: C1J3167

Report Date: 2021/07/15

Pinchin Ltd

Client Project #: 294348

Site Location: 1250 SOUTH SERVICE ROAD

Sampler Initials: JP

RESULTS OF ANALYSES OF WATER

BV Labs ID		QBP588			
Sampling Date		2021/07/12 16:10			
COC Number		835142-03-01			
	UNITS	BH/MW102	RDL	MDL	QC Batch
Inorganics					
Dissolved Chloride (Cl-)	mg/L	1500	20	6.0	7460933
RDL = Reportable Detection Limit					
QC Batch = Quality Control Batch					



BUREAU
VERITAS

BV Labs Job #: C1J3167

Report Date: 2021/07/15

Pinchin Ltd

Client Project #: 294348

Site Location: 1250 SOUTH SERVICE ROAD

Sampler Initials: JP

ELEMENTS BY ATOMIC SPECTROSCOPY (WATER)

BV Labs ID		QBP588			
Sampling Date		2021/07/12 16:10			
COC Number		835142-03-01			
	UNITS	BH/MW102	RDL	MDL	QC Batch
Metals					
Dissolved Sodium (Na)	ug/L	950000	500	500	7461366
RDL = Reportable Detection Limit					
QC Batch = Quality Control Batch					



BV Labs Job #: C1J3167
Report Date: 2021/07/15

Pinchin Ltd
Client Project #: 294348
Site Location: 1250 SOUTH SERVICE ROAD
Sampler Initials: JP

O.REG 153 VOCs BY HS (WATER)

BV Labs ID		QBP581	QBP582	QBP583	QBP584	QBP585			
Sampling Date		2021/07/13 12:50	2021/07/12 18:05	2021/07/13 13:40	2021/07/13 12:30	2021/07/12 23:00			
COC Number		835142-03-01	835142-03-01	835142-03-01	835142-03-01	835142-03-01			
	UNITS	MW21-02	MW15-06	MW17-1	MW17-2	MW17-3	RDL	MDL	QC Batch
Calculated Parameters									
1,3-Dichloropropene (cis+trans)	ug/L	<0.50	<0.50	<0.50	<0.50	<0.50	0.50	0.50	7458863
Volatile Organics									
Acetone (2-Propanone)	ug/L	<10	<10	<10	18	42	10	1.0	7459899
Benzene	ug/L	<0.20	<0.20	<0.20	<0.20	0.24	0.20	0.020	7459899
Bromodichloromethane	ug/L	<0.50	<0.50	<0.50	<0.50	<0.50	0.50	0.050	7459899
Bromoform	ug/L	<1.0	<1.0	<1.0	<1.0	<1.0	1.0	0.10	7459899
Bromomethane	ug/L	<0.50	<0.50	<0.50	<0.50	<0.50	0.50	0.10	7459899
Carbon Tetrachloride	ug/L	<0.19	<0.19	<0.19	<0.19	<0.19	0.19	0.050	7459899
Chlorobenzene	ug/L	<0.20	<0.20	<0.20	<0.20	<0.20	0.20	0.010	7459899
Chloroform	ug/L	<0.20	<0.20	1.7	<0.20	<0.20	0.20	0.050	7459899
Dibromochloromethane	ug/L	<0.50	<0.50	<0.50	<0.50	<0.50	0.50	0.050	7459899
1,2-Dichlorobenzene	ug/L	<0.40	<0.40	<0.40	<0.40	<0.40	0.40	0.050	7459899
1,3-Dichlorobenzene	ug/L	<0.40	<0.40	<0.40	<0.40	<0.40	0.40	0.050	7459899
1,4-Dichlorobenzene	ug/L	<0.40	<0.40	<0.40	<0.40	<0.40	0.40	0.050	7459899
Dichlorodifluoromethane (FREON 12)	ug/L	<1.0	<1.0	<1.0	<1.0	<1.0	1.0	0.050	7459899
1,1-Dichloroethane	ug/L	<0.20	<0.20	<0.20	<0.20	<0.20	0.20	0.050	7459899
1,2-Dichloroethane	ug/L	<0.49	<0.49	<0.49	<0.49	<0.49	0.49	0.020	7459899
1,1-Dichloroethylene	ug/L	<0.20	<0.20	<0.20	<0.20	<0.20	0.20	0.050	7459899
cis-1,2-Dichloroethylene	ug/L	<0.50	<0.50	<0.50	<0.50	2.1	0.50	0.050	7459899
trans-1,2-Dichloroethylene	ug/L	<0.50	<0.50	<0.50	<0.50	<0.50	0.50	0.050	7459899
1,2-Dichloropropane	ug/L	<0.20	<0.20	<0.20	<0.20	<0.20	0.20	0.050	7459899
cis-1,3-Dichloropropene	ug/L	<0.30	<0.30	<0.30	<0.30	<0.30	0.30	0.050	7459899
trans-1,3-Dichloropropene	ug/L	<0.40	<0.40	<0.40	<0.40	<0.40	0.40	0.050	7459899
Ethylbenzene	ug/L	<0.20	<0.20	<0.20	<0.20	<0.20	0.20	0.010	7459899
Ethylene Dibromide	ug/L	<0.19	<0.19	<0.19	<0.19	<0.19	0.19	0.050	7459899
Hexane	ug/L	<1.0	<1.0	<1.0	<1.0	<1.0	1.0	0.10	7459899
Methylene Chloride(Dichloromethane)	ug/L	<2.0	<2.0	<2.0	<2.0	<2.0	2.0	0.10	7459899
Methyl Ethyl Ketone (2-Butanone)	ug/L	<10	<10	<10	<10	<10	10	0.50	7459899
Methyl Isobutyl Ketone	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	5.0	0.10	7459899
Methyl t-butyl ether (MTBE)	ug/L	<0.50	<0.50	<0.50	<0.50	<0.50	0.50	0.050	7459899
Styrene	ug/L	<0.40	<0.40	<0.40	<0.40	<0.40	0.40	0.050	7459899
RDL = Reportable Detection Limit									
QC Batch = Quality Control Batch									



BUREAU
VERITAS

BV Labs Job #: C1J3167

Report Date: 2021/07/15

Pinchin Ltd

Client Project #: 294348

Site Location: 1250 SOUTH SERVICE ROAD

Sampler Initials: JP

O.REG 153 VOCs BY HS (WATER)

BV Labs ID		QBP581	QBP582	QBP583	QBP584	QBP585			
Sampling Date		2021/07/13 12:50	2021/07/12 18:05	2021/07/13 13:40	2021/07/13 12:30	2021/07/12 23:00			
COC Number		835142-03-01	835142-03-01	835142-03-01	835142-03-01	835142-03-01			
	UNITS	MW21-02	MW15-06	MW17-1	MW17-2	MW17-3	RDL	MDL	QC Batch
1,1,1,2-Tetrachloroethane	ug/L	<0.50	<0.50	<0.50	<0.50	<0.50	0.50	0.050	7459899
1,1,2,2-Tetrachloroethane	ug/L	<0.40	<0.40	<0.40	<0.40	<0.40	0.40	0.050	7459899
Tetrachloroethylene	ug/L	<0.20	<0.20	0.50	7.7	5.6	0.20	0.050	7459899
Toluene	ug/L	<0.20	<0.20	<0.20	<0.20	<0.20	0.20	0.010	7459899
1,1,1-Trichloroethane	ug/L	<0.20	<0.20	<0.20	<0.20	<0.20	0.20	0.050	7459899
1,1,2-Trichloroethane	ug/L	<0.40	<0.40	<0.40	<0.40	<0.40	0.40	0.050	7459899
Trichloroethylene	ug/L	<0.20	<0.20	<0.20	2.0	2.6	0.20	0.050	7459899
Trichlorofluoromethane (FREON 11)	ug/L	<0.50	<0.50	<0.50	<0.50	<0.50	0.50	0.10	7459899
Vinyl Chloride	ug/L	<0.20	<0.20	<0.20	<0.20	3.5	0.20	0.050	7459899
p+m-Xylene	ug/L	<0.20	<0.20	<0.20	<0.20	<0.20	0.20	0.010	7459899
o-Xylene	ug/L	<0.20	<0.20	<0.20	<0.20	<0.20	0.20	0.010	7459899
Total Xylenes	ug/L	<0.20	<0.20	<0.20	<0.20	<0.20	0.20	0.010	7459899
Surrogate Recovery (%)									
4-Bromofluorobenzene	%	89	89	88	89	89			7459899
D4-1,2-Dichloroethane	%	109	112	104	104	108			7459899
D8-Toluene	%	92	92	94	94	92			7459899
RDL = Reportable Detection Limit									
QC Batch = Quality Control Batch									



BV Labs Job #: C1J3167
Report Date: 2021/07/15

Pinchin Ltd
Client Project #: 294348
Site Location: 1250 SOUTH SERVICE ROAD
Sampler Initials: JP

O.REG 153 VOCs BY HS (WATER)

BV Labs ID		QBP586			QBP587			QBP589			
Sampling Date		2021/07/12 18:30			2021/07/12 21:00			2021/07/12 08:30			
COC Number		835142-03-01			835142-03-01			835142-03-01			
	UNITS	MW17-4	RDL	MDL	MW17-5	RDL	MDL	TRIP BLANK	RDL	MDL	QC Batch
Calculated Parameters											
1,3-Dichloropropene (cis+trans)	ug/L	<0.50	0.50	0.50	<0.50	0.50	0.50	<0.50	0.50	0.50	7458863
Volatile Organics											
Acetone (2-Propanone)	ug/L	<10	10	1.0	<100	100	10	<10	10	1.0	7459899
Benzene	ug/L	<0.20	0.20	0.020	<0.20	0.20	0.020	<0.20	0.20	0.020	7459899
Bromodichloromethane	ug/L	<0.50	0.50	0.050	<0.50	0.50	0.050	<0.50	0.50	0.050	7459899
Bromoform	ug/L	<1.0	1.0	0.10	<1.0	1.0	0.10	<1.0	1.0	0.10	7459899
Bromomethane	ug/L	<0.50	0.50	0.10	<0.50	0.50	0.10	<0.50	0.50	0.10	7459899
Carbon Tetrachloride	ug/L	<0.19	0.19	0.050	<0.19	0.19	0.050	<0.19	0.19	0.050	7459899
Chlorobenzene	ug/L	<0.20	0.20	0.010	<0.20	0.20	0.010	<0.20	0.20	0.010	7459899
Chloroform	ug/L	<0.20	0.20	0.050	<2.0	2.0	0.50	<0.20	0.20	0.050	7459899
Dibromochloromethane	ug/L	<0.50	0.50	0.050	<0.50	0.50	0.050	<0.50	0.50	0.050	7459899
1,2-Dichlorobenzene	ug/L	<0.40	0.40	0.050	<0.40	0.40	0.050	<0.40	0.40	0.050	7459899
1,3-Dichlorobenzene	ug/L	<0.40	0.40	0.050	<0.40	0.40	0.050	<0.40	0.40	0.050	7459899
1,4-Dichlorobenzene	ug/L	<0.40	0.40	0.050	<0.40	0.40	0.050	<0.40	0.40	0.050	7459899
Dichlorodifluoromethane (FREON 12)	ug/L	<1.0	1.0	0.050	<10	10	0.50	<1.0	1.0	0.050	7459899
1,1-Dichloroethane	ug/L	<0.20	0.20	0.050	<0.20	0.20	0.050	<0.20	0.20	0.050	7459899
1,2-Dichloroethane	ug/L	<0.49	0.49	0.020	<0.49	0.49	0.020	<0.49	0.49	0.020	7459899
1,1-Dichloroethylene	ug/L	<0.20	0.20	0.050	0.40	0.20	0.050	<0.20	0.20	0.050	7459899
cis-1,2-Dichloroethylene	ug/L	<0.50	0.50	0.050	88	5.0	0.50	<0.50	0.50	0.050	7459899
trans-1,2-Dichloroethylene	ug/L	<0.50	0.50	0.050	3.5	0.50	0.050	<0.50	0.50	0.050	7459899
1,2-Dichloropropane	ug/L	<0.20	0.20	0.050	<0.20	0.20	0.050	<0.20	0.20	0.050	7459899
cis-1,3-Dichloropropene	ug/L	<0.30	0.30	0.050	<0.30	0.30	0.050	<0.30	0.30	0.050	7459899
trans-1,3-Dichloropropene	ug/L	<0.40	0.40	0.050	<0.40	0.40	0.050	<0.40	0.40	0.050	7459899
Ethylbenzene	ug/L	<0.20	0.20	0.010	<0.20	0.20	0.010	<0.20	0.20	0.010	7459899
Ethylene Dibromide	ug/L	<0.19	0.19	0.050	<0.19	0.19	0.050	<0.19	0.19	0.050	7459899
Hexane	ug/L	<1.0	1.0	0.10	<1.0	1.0	0.10	<1.0	1.0	0.10	7459899
Methylene Chloride(Dichloromethane)	ug/L	<2.0	2.0	0.10	<2.0	2.0	0.10	<2.0	2.0	0.10	7459899
Methyl Ethyl Ketone (2-Butanone)	ug/L	<10	10	0.50	<100	100	5.0	<10	10	0.50	7459899
Methyl Isobutyl Ketone	ug/L	<5.0	5.0	0.10	<50	50	1.0	<5.0	5.0	0.10	7459899
Methyl t-butyl ether (MTBE)	ug/L	<0.50	0.50	0.050	<5.0	5.0	0.50	<0.50	0.50	0.050	7459899
Styrene	ug/L	<0.40	0.40	0.050	<0.40	0.40	0.050	<0.40	0.40	0.050	7459899
RDL = Reportable Detection Limit											
QC Batch = Quality Control Batch											



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VERITAS

BV Labs Job #: C1J3167
Report Date: 2021/07/15

Pinchin Ltd
Client Project #: 294348
Site Location: 1250 SOUTH SERVICE ROAD
Sampler Initials: JP

O.REG 153 VOCs BY HS (WATER)

BV Labs ID		QBP586			QBP587			QBP589			
Sampling Date		2021/07/12 18:30			2021/07/12 21:00			2021/07/12 08:30			
COC Number		835142-03-01			835142-03-01			835142-03-01			
	UNITS	MW17-4	RDL	MDL	MW17-5	RDL	MDL	TRIP BLANK	RDL	MDL	QC Batch
1,1,1,2-Tetrachloroethane	ug/L	<0.50	0.50	0.050	<0.50	0.50	0.050	<0.50	0.50	0.050	7459899
1,1,2,2-Tetrachloroethane	ug/L	<0.40	0.40	0.050	<0.40	0.40	0.050	<0.40	0.40	0.050	7459899
Tetrachloroethylene	ug/L	5.6	0.20	0.050	1900	2.0	0.50	<0.20	0.20	0.050	7459899
Toluene	ug/L	<0.20	0.20	0.010	<0.20	0.20	0.010	<0.20	0.20	0.010	7459899
1,1,1-Trichloroethane	ug/L	<0.20	0.20	0.050	<0.20	0.20	0.050	<0.20	0.20	0.050	7459899
1,1,2-Trichloroethane	ug/L	<0.40	0.40	0.050	<0.40	0.40	0.050	<0.40	0.40	0.050	7459899
Trichloroethylene	ug/L	<0.20	0.20	0.050	170	2.0	0.50	<0.20	0.20	0.050	7459899
Trichlorofluoromethane (FREON 11)	ug/L	<0.50	0.50	0.10	<5.0	5.0	1.0	<0.50	0.50	0.10	7459899
Vinyl Chloride	ug/L	<0.20	0.20	0.050	15	2.0	0.50	<0.20	0.20	0.050	7459899
p+m-Xylene	ug/L	<0.20	0.20	0.010	<2.0	2.0	0.10	<0.20	0.20	0.010	7459899
o-Xylene	ug/L	<0.20	0.20	0.010	<2.0	2.0	0.10	<0.20	0.20	0.010	7459899
Total Xylenes	ug/L	<0.20	0.20	0.010	<2.0	2.0	0.10	<0.20	0.20	0.010	7459899
Surrogate Recovery (%)											
4-Bromofluorobenzene	%	88			88			89			7459899
D4-1,2-Dichloroethane	%	103			98			104			7459899
D8-Toluene	%	93			93			94			7459899
RDL = Reportable Detection Limit											
QC Batch = Quality Control Batch											



BV Labs Job #: C1J3167
Report Date: 2021/07/15

Pinchin Ltd
Client Project #: 294348
Site Location: 1250 SOUTH SERVICE ROAD
Sampler Initials: JP

TEST SUMMARY

BV Labs ID: QBP581
Sample ID: MW21-02
Matrix: Water

Collected: 2021/07/13
Shipped:
Received: 2021/07/13

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
1,3-Dichloropropene Sum	CALC	7458863	N/A	2021/07/15	Automated Statchk
Volatile Organic Compounds in Water	GC/MS	7459899	N/A	2021/07/14	Blair Gannon

BV Labs ID: QBP582
Sample ID: MW15-06
Matrix: Water

Collected: 2021/07/12
Shipped:
Received: 2021/07/13

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
1,3-Dichloropropene Sum	CALC	7458863	N/A	2021/07/15	Automated Statchk
Volatile Organic Compounds in Water	GC/MS	7459899	N/A	2021/07/14	Blair Gannon

BV Labs ID: QBP583
Sample ID: MW17-1
Matrix: Water

Collected: 2021/07/13
Shipped:
Received: 2021/07/13

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
1,3-Dichloropropene Sum	CALC	7458863	N/A	2021/07/15	Automated Statchk
Volatile Organic Compounds in Water	GC/MS	7459899	N/A	2021/07/14	Blair Gannon

BV Labs ID: QBP584
Sample ID: MW17-2
Matrix: Water

Collected: 2021/07/13
Shipped:
Received: 2021/07/13

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
1,3-Dichloropropene Sum	CALC	7458863	N/A	2021/07/15	Automated Statchk
Volatile Organic Compounds in Water	GC/MS	7459899	N/A	2021/07/14	Blair Gannon

BV Labs ID: QBP585
Sample ID: MW17-3
Matrix: Water

Collected: 2021/07/12
Shipped:
Received: 2021/07/13

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
1,3-Dichloropropene Sum	CALC	7458863	N/A	2021/07/15	Automated Statchk
Volatile Organic Compounds in Water	GC/MS	7459899	N/A	2021/07/14	Blair Gannon

BV Labs ID: QBP586
Sample ID: MW17-4
Matrix: Water

Collected: 2021/07/12
Shipped:
Received: 2021/07/13

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
1,3-Dichloropropene Sum	CALC	7458863	N/A	2021/07/15	Automated Statchk
Volatile Organic Compounds in Water	GC/MS	7459899	N/A	2021/07/14	Blair Gannon



BV Labs Job #: C1J3167
Report Date: 2021/07/15

Pinchin Ltd
Client Project #: 294348
Site Location: 1250 SOUTH SERVICE ROAD
Sampler Initials: JP

TEST SUMMARY

BV Labs ID: QBP587
Sample ID: MW17-5
Matrix: Water

Collected: 2021/07/12
Shipped:
Received: 2021/07/13

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
1,3-Dichloropropene Sum	CALC	7458863	N/A	2021/07/15	Automated Statchk
Volatile Organic Compounds in Water	GC/MS	7459899	N/A	2021/07/14	Blair Gannon

BV Labs ID: QBP588
Sample ID: BH/MW102
Matrix: Water

Collected: 2021/07/12
Shipped:
Received: 2021/07/13

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Chloride by Automated Colourimetry	KONE	7460933	N/A	2021/07/14	Alina Dobreanu
Dissolved Metals by ICPMS	ICP/MS	7461366	N/A	2021/07/14	Prempal Bhatti

BV Labs ID: QBP589
Sample ID: TRIP BLANK
Matrix: Water

Collected: 2021/07/12
Shipped:
Received: 2021/07/13

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
1,3-Dichloropropene Sum	CALC	7458863	N/A	2021/07/15	Automated Statchk
Volatile Organic Compounds in Water	GC/MS	7459899	N/A	2021/07/14	Blair Gannon



GENERAL COMMENTS

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

Package 1	2.0°C
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Cooler custody seal was present and intact.

All 40 ml vials for VOC analysis contained visible sediment, except for the Trip Blank .

All General bottles contained trace sediment.

Sample QBP587 [MW17-5] : VOC Analysis: Due to high concentrations of target analytes, sample required dilution. Detection limits were adjusted accordingly. In order to meet required regulatory criteria or to achieve lower reporting limits, results for selected compounds (obtained by a separate analysis using an appropriate low dilution) are included in the report.

Results relate only to the items tested.

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BV Labs Job #: C1J3167

Report Date: 2021/07/15

QUALITY ASSURANCE REPORT

Pinchin Ltd

Client Project #: 294348

Site Location: 1250 SOUTH SERVICE ROAD

Sampler Initials: JP

QC Batch	Parameter	Date	Matrix Spike		SPIKED BLANK		Method Blank		RPD	
			% Recovery	QC Limits	% Recovery	QC Limits	Value	UNITS	Value (%)	QC Limits
7459899	4-Bromofluorobenzene	2021/07/14	101	70 - 130	102	70 - 130	96	%		
7459899	D4-1,2-Dichloroethane	2021/07/14	103	70 - 130	100	70 - 130	106	%		
7459899	D8-Toluene	2021/07/14	106	70 - 130	106	70 - 130	92	%		
7459899	1,1,1,2-Tetrachloroethane	2021/07/14	95	70 - 130	97	70 - 130	<0.50	ug/L	NC	30
7459899	1,1,1-Trichloroethane	2021/07/14	95	70 - 130	97	70 - 130	<0.20	ug/L	NC	30
7459899	1,1,2,2-Tetrachloroethane	2021/07/14	94	70 - 130	94	70 - 130	<0.40	ug/L	NC	30
7459899	1,1,2-Trichloroethane	2021/07/14	101	70 - 130	100	70 - 130	<0.40	ug/L	NC	30
7459899	1,1-Dichloroethane	2021/07/14	93	70 - 130	94	70 - 130	<0.20	ug/L	NC	30
7459899	1,1-Dichloroethylene	2021/07/14	97	70 - 130	97	70 - 130	<0.20	ug/L	NC	30
7459899	1,2-Dichlorobenzene	2021/07/14	94	70 - 130	96	70 - 130	<0.40	ug/L	NC	30
7459899	1,2-Dichloroethane	2021/07/14	94	70 - 130	93	70 - 130	<0.49	ug/L	NC	30
7459899	1,2-Dichloropropane	2021/07/14	96	70 - 130	97	70 - 130	<0.20	ug/L	NC	30
7459899	1,3-Dichlorobenzene	2021/07/14	92	70 - 130	95	70 - 130	<0.40	ug/L	NC	30
7459899	1,4-Dichlorobenzene	2021/07/14	108	70 - 130	111	70 - 130	<0.40	ug/L	NC	30
7459899	Acetone (2-Propanone)	2021/07/14	101	60 - 140	95	60 - 140	<10	ug/L	NC	30
7459899	Benzene	2021/07/14	91	70 - 130	91	70 - 130	<0.20	ug/L	NC	30
7459899	Bromodichloromethane	2021/07/14	97	70 - 130	97	70 - 130	<0.50	ug/L	NC	30
7459899	Bromoform	2021/07/14	96	70 - 130	96	70 - 130	<1.0	ug/L	NC	30
7459899	Bromomethane	2021/07/14	103	60 - 140	91	60 - 140	<0.50	ug/L	NC	30
7459899	Carbon Tetrachloride	2021/07/14	93	70 - 130	95	70 - 130	<0.19	ug/L	NC	30
7459899	Chlorobenzene	2021/07/14	96	70 - 130	98	70 - 130	<0.20	ug/L	NC	30
7459899	Chloroform	2021/07/14	95	70 - 130	96	70 - 130	<0.20	ug/L	NC	30
7459899	cis-1,2-Dichloroethylene	2021/07/14	98	70 - 130	98	70 - 130	<0.50	ug/L	1.7	30
7459899	cis-1,3-Dichloropropene	2021/07/14	102	70 - 130	93	70 - 130	<0.30	ug/L	NC	30
7459899	Dibromochloromethane	2021/07/14	94	70 - 130	94	70 - 130	<0.50	ug/L	NC	30
7459899	Dichlorodifluoromethane (FREON 12)	2021/07/14	105	60 - 140	81	60 - 140	<1.0	ug/L	NC	30
7459899	Ethylbenzene	2021/07/14	89	70 - 130	92	70 - 130	<0.20	ug/L	NC	30
7459899	Ethylene Dibromide	2021/07/14	93	70 - 130	93	70 - 130	<0.19	ug/L	NC	30
7459899	Hexane	2021/07/14	107	70 - 130	105	70 - 130	<1.0	ug/L	NC	30
7459899	Methyl Ethyl Ketone (2-Butanone)	2021/07/14	106	60 - 140	103	60 - 140	<10	ug/L	NC	30
7459899	Methyl Isobutyl Ketone	2021/07/14	105	70 - 130	105	70 - 130	<5.0	ug/L	NC	30

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VERITAS

BV Labs Job #: C1J3167

Report Date: 2021/07/15

QUALITY ASSURANCE REPORT(CONT'D)

Pinchin Ltd

Client Project #: 294348

Site Location: 1250 SOUTH SERVICE ROAD

Sampler Initials: JP

QC Batch	Parameter	Date	Matrix Spike		SPIKED BLANK		Method Blank		RPD	
			% Recovery	QC Limits	% Recovery	QC Limits	Value	UNITS	Value (%)	QC Limits
7459899	Methyl t-butyl ether (MTBE)	2021/07/14	90	70 - 130	92	70 - 130	<0.50	ug/L	NC	30
7459899	Methylene Chloride(Dichloromethane)	2021/07/14	111	70 - 130	109	70 - 130	<2.0	ug/L	NC	30
7459899	o-Xylene	2021/07/14	87	70 - 130	95	70 - 130	<0.20	ug/L	NC	30
7459899	p+m-Xylene	2021/07/14	95	70 - 130	99	70 - 130	<0.20	ug/L	NC	30
7459899	Styrene	2021/07/14	102	70 - 130	108	70 - 130	<0.40	ug/L	NC	30
7459899	Tetrachloroethylene	2021/07/14	88	70 - 130	90	70 - 130	<0.20	ug/L	NC	30
7459899	Toluene	2021/07/14	94	70 - 130	96	70 - 130	<0.20	ug/L	NC	30
7459899	Total Xylenes	2021/07/14					<0.20	ug/L	NC	30
7459899	trans-1,2-Dichloroethylene	2021/07/14	97	70 - 130	98	70 - 130	<0.50	ug/L	NC	30
7459899	trans-1,3-Dichloropropene	2021/07/14	116	70 - 130	97	70 - 130	<0.40	ug/L	NC	30
7459899	Trichloroethylene	2021/07/14	94	70 - 130	100	70 - 130	<0.20	ug/L	4.0	30
7459899	Trichlorofluoromethane (FREON 11)	2021/07/14	96	70 - 130	95	70 - 130	<0.50	ug/L	NC	30
7459899	Vinyl Chloride	2021/07/14	102	70 - 130	96	70 - 130	<0.20	ug/L	NC	30
7460933	Dissolved Chloride (Cl-)	2021/07/14	125 (1)	80 - 120	102	80 - 120	<1.0	mg/L	3.7	20
7461366	Dissolved Sodium (Na)	2021/07/14	NC	80 - 120	98	80 - 120	<100	ug/L		

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

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

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

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

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

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

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

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



FUNDAMENTAL LABORATORY ACCEPTANCE GUIDELINE

Invoice To:

Pinchin Ltd
ATTN: Accounts Payable
2470 Milltower Crt
Mississauga, ON
CANADA L5N 7W5
Client Contact:
Robert MacKenzie

BV Labs Job #:	C1J3167
Date Received:	2021/07/13
Your C.O.C. #:	835142-03-01
Your Project #:	294348
BV Labs Project Manager:	Antonella Brasil
Quote #:	A70927

No discrepancies noted.

Report Comments

Received Date:	<u>2021/07/13</u>	Time:	<u>08:00</u>	By:	_____
Inspected Date:	_____	Time:	_____	By:	_____
FLAG Created Date:	_____	Time:	_____	By:	_____



BUREAU
VERITAS

BV Labs Job #: C1J3167

Report Date: 2021/07/15

Pinchin Ltd

Client Project #: 294348

Site Location: 1250 SOUTH SERVICE ROAD

Sampler Initials: JP

VALIDATION SIGNATURE PAGE

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

Ewa Pranjić, M.Sc., C.Chem, Scientific Specialist

BV Labs has procedures in place to guard against improper use of the electronic signature and have the required "signatories", as per ISO/IEC 17025, signing the reports. For Service Group specific validation please refer to the Validation Signature Page.



PUSH!

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

13-Jul-21 08:00

Antonella Brasil



C1J3167

ENV-908

Page 1 of 1

INVOICE TO:		REPORT TO:		PROJECT INFORMATION:	
Company Name: #3103 Pinchin Ltd	Company Name: Robert MacKenzie, Tony Glenville, Jenny Park	Quotation #: A70927	Bottle Order #: 835142		
Attention: Accounts Payable	Attention: Robert MacKenzie	P.O. #: 294348	Project Manager: Antonella Brasil		
Address: 2470 Milltower Crt	Address: (905) 363-0678 Ext: 1337	Project Name: 1250 South Service Road	COC #: C#635142-03-01		
Mississauga ON L5N 7W5	Tel: (905) 363-0678 Fax: (905) 363-0681	Site #: 1A	Sampled By: 1A		
Tel: (905) 363-0678	Email: ap@pinchin.com	Email: mackenzie@pinchin.com, Tony@pinchin.com, Jenny@pinchin.com			

MOE REGULATED DRINKING WATER OR WATER INTENDED FOR HUMAN CONSUMPTION MUST BE SUBMITTED ON THE BV LABS DRINKING WATER CHAIN OF CUSTODY						ANALYSIS REQUESTED (PLEASE BE SPECIFIC)										Turnaround Time (TAT) Required				
Regulation 153 (2011) ☒ Table 1 ☐ Res/Park ☐ Medium/Fine ☐ Table 2 ☐ Ind/Comm ☐ Coarse ☐ Table 3 ☐ Agri/Other ☒ For RSC ☐ Table 4			Other Regulations ☐ CCME ☐ Sanitary Sewer Bylaw ☐ Reg 558 ☐ Storm Sewer Bylaw ☐ MISA ☐ Municipality ☐ PWQO ☐ Reg 406 Table ☐ Other			Special Instructions For RSC			Field Filtered (please circle): Metals / Hg / Cr / V ☒ O Reg 153 VOCs (Water) ☒ O Reg 153 PAHs ☒ O Reg 153 VOCs by HS & F1-F4 ☒ O Reg 153 Metals & Inorganics Prg. (WV) Chloride by Automated Colourmetry ☒ O Reg 153 Dissolved ICPMS Metals (Sodium Only)										Regular (Standard) TAT: (will be applied if Rush TAT is not specified) Standard TAT = 5-7 Working days for most tests. Please note: Standard TAT for certain tests such as BOD and Dioxins/Furans are > 5 days - contact your Project Manager for details. Job Specific Rush TAT (if applies to entire submission) Date Required: July 15, 2021 Time Required: 4.00pm Rush Confirmation Number: ABR071221 (call lab for #)	
Sample Barcode Label	Sample (Location) Identification	Date Sampled	Time Sampled	Matrix	Field Filtered	O Reg 153 VOCs (Water)	O Reg 153 PAHs	O Reg 153 VOCs by HS & F1-F4	O Reg 153 Metals & Inorganics Prg. (WV)	Chloride by Automated Colourmetry	O Reg 153 Dissolved ICPMS Metals (Sodium Only)	# of Bottles	Comments							
1	MW21-02	2021/07/13	12:50 AM	GW	N	✓						3								
2	MW15-06	2021/07/12	6:05 PM	GW	N	✓						3								
3	MW17-1	2021/07/13	1:40 AM		N	✓						3								
4	MW17-2	2021/07/13	12:30 AM		N	✓						3								
5	MW17-3	2021/07/12	11:00 PM		N	✓						3								
6	MW17-4		6:30 PM		N	✓						3								
7	MW17-5		9:00 PM		N	✓						3								
8	AB BH/MW102	2021/07/12	4:10 PM		Y					✓	✓	2								
9	Trip Blank	2021/07/12	8:30 AM	GW	N	✓						2								
10																				

* RELINQUISHED BY: (Signature/Print)		Date: (YY/MM/DD)	Time	RECEIVED BY: (Signature/Print)		Date: (YY/MM/DD)	Time	# jars used and not submitted	Laboratory Use Only				
Jenny Park		21/07/13	2:30 AM	Jenny Park		21/07/13	08:00	0	Time Sensitive	Temperature (°C) on Receipt	Custody Seal Present	Yes	No
										1/2/3	Intact	✓	

* UNLESS OTHERWISE AGREED TO IN WRITING, WORK SUBMITTED ON THIS CHAIN OF CUSTODY IS SUBJECT TO BV LABS' STANDARD TERMS AND CONDITIONS. SIGNING OF THIS CHAIN-OF-CUSTODY DOCUMENT IS ACKNOWLEDGMENT AND ACCEPTANCE OF OUR TERMS WHICH ARE AVAILABLE FOR VIEWING AT WWW.BVLABS.COM/TERMS-AND-CONDITIONS.

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

** SAMPLE CONTAINER, PRESERVATION, HOLD TIME AND PACKAGE INFORMATION CAN BE VIEWED AT WWW.BVLABS.COM/RESOURCES/CHAIN-OF-CUSTODY-FORMS.

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

White: BV Labs Yellow: Client