



April 30, 2020  
CT2998.05

City of Toronto  
Metro Hall, 2<sup>nd</sup> Floor  
55 John Street  
Toronto, Ontario M5V 3C6

Attention: Ms. Janice Green, C.E.T  
Senior Environmental Project Manager

**Re: Summary of Environmental Investigation  
15 Denison Avenue, Toronto, Ontario**

Dear Ms. Green:

Terrapex Environmental Ltd. (Terrapex) was retained the City of Toronto (the “City”) to complete an Environmental Investigation at 15 Denison Avenue in Toronto, Ontario (the “Site”). The Site is located approximately 300 m northeast of the intersection of Bathurst Street and Queen Street West, and consists of a commercial parking lot operated by the Toronto Parking Authority (TPA) encompassing an area of approximately 2,800 m<sup>2</sup> (0.28 ha). The location of the Site is shown on Figure 1.

The Environmental Investigation consisted of a Historical Records Review and a Limited Environmental Subsurface Investigation completed for environmental due-diligence purposes to assist in determining the feasibility of redeveloping the Site with Emergency Housing consisting of stacked modular builds, which are to be supported on “triodectic” foundations. As such, it should be noted that this Environmental Investigation is not sufficient to support the filing of a Record of Site Condition (RSC).

The preliminary findings of the Historical Records Review and the Limited Environmental Subsurface Investigation are presented below.

## **HISTORICAL RECORDS REVIEW**

A Historical Records Review was conducted to assess the Site and nearby properties for potential environmental concerns in relation to the redevelopment and use of the Site for Emergency Housing. Possible environmental concerns were identified through a review of aerial photographs, fire insurance plans (FIPs), city directories, past reports, and an Ecolog Environmental Risk Information Services (ERIS) database search.

The records review identified the following information pertaining to the Site:

- The Site is presently used as a commercial Green “P” parking lot with asphalt surfacing. The neighbouring properties consist of residential properties to the north; St. Stanislaus Roman Catholic Church the west (across Denison Avenue) and residential and commercial properties further beyond to the west; a laneway and commercial properties to the south; and, residential properties to the east;
- The Site was previously used for mixed residential and commercial purposes (i.e., a bakery) from prior to 1900 to the late-1960s to the early-1970s;
- The Site buildings appear to have been demolished on the eastern portion of the Site between 1965 and 1970, as a parking lot is present in 1970; and,
- The parking lot on the western portion of the Site appears to have been constructed between 1970 and 1975.

Based on the past uses identified at the Site, fill material of unknown quality and origin may have been brought onto the Site for use as backfill and grading purposes, following the removal of the former buildings and construction of the parking lot.

Most properties in the vicinity of the Site have been used for residential, commercial, and institutional purposes from prior to 1900 to present. Businesses identified along Denison Ave, Augusta Avenue, and Vanauley Street included:

- Several dry cleaning facilities in the vicinity of the Site including businesses operating at 3 Denison Avenue, 21 Augusta Avenue, and at 8-14 Vanauley Avenue. These properties are located approximately 30 m to the southwest, and 20 m to 50 m east of the Site. Given the close proximity of these former off-site operation to the Site, they are considered to represent a potential risk to adversely impact subsurface conditions at the Site; and,
- Historical fuel tanks were identified to be present in the 1920s and 1930s at several residential and commercial buildings including 478 Queen Street West (approximately 50 m south of the Site), and 12 Denison Avenue (approximately 20 m west of the Site). These tanks were most likely used for storage of fuel oil used for heating purposes, and are considered to collectively represent a potential risk to adversely impact subsurface conditions at the Site.

## LIMITED ENVIRONMENTAL SUBSURFACE INVESTIGATION

A Limited Environmental Subsurface Investigation consisting of eight boreholes (BH101 to BH108) advanced at the Site on April 22, 2020 to a maximum depth of 4.4 m below ground surface (mbgs). The boreholes were completed in conjunction with a Geotechnical Investigation of the Site. The results of the Geotechnical Investigation are presented in a separate report.

The soil conditions encountered in the boreholes advanced at the Site generally consisted of 90 to 120 mm of asphalt resting on granular fill material consisting of brown sand and gravel with a thickness ranging from 240 to 550 mm. The pavement structure is underlain by fill material consisting of variable brown, dark brown and grey sand some silt to silty, silty clay containing trace gravel, trace brick and cinder fragments. The fill material typically extends to depths between 1.0 and 1.5 mbgs with the exception of Boreholes BH105 and BH103 where fill was encountered to a depth of 0.7 to 1.9 mbgs, respectively. The fill materials at the Site are underlain by a till deposit consisting of a grey silty clay with varying sand fraction ranging from some sand to sandy and trace gravel extending to 4.4 mbgs, the termination depth of the deepest boreholes.

The environmental sampling program focused on the characterization of fill materials at the Site. A soil sample from eight tested borehole locations along with two field duplicate samples and one methanol blank sample were submitted to Bureau Veritas laboratory (BV Labs) in Mississauga, Ontario for chemical analyses of petroleum hydrocarbons (PHCs) fractions F1 to F4, volatile organic compounds (VOCs), metals and inorganics, and polycyclic aromatic hydrocarbons (PAHs). The Bureau Veritas laboratory is accredited by the Canadian Association for Laboratory Accreditation Inc. (CALA) to the International Standard ISO/IEC 10725:2017, *General Requirements for the Competence of Testing and Calibration Laboratories*.

An additional soil sample was also submitted for chemical analysis from six of the eight boreholes to allow for vertical characterization of shallow soil impacts. Groundwater quality at the Site was not investigated during the Limited Environmental Subsurface Investigation.

The soil samples submitted to the laboratory for chemical analyses are listed below in Table 1 and the corresponding sample locations are shown on Figure 2.

**Table 1: Soil Samples selected for Chemical Analyses**

| Sample ID                            | Depth (mbgs) | Soil Type                                                   | Chemical Analysis                           |
|--------------------------------------|--------------|-------------------------------------------------------------|---------------------------------------------|
| BH101-1B                             | 0.3-0.6      | Clayey Silt , some Sand and brick fragments (Fill)          | Metals and inorganics, and PAHs             |
| BH101-2A                             | 0.8-1.1      | Clayey Silt, some Sand (Fill)                               | VOCs, and PHCs                              |
| BH101-6                              | 3.8-4.4      | Silty Clay, trace Sand, Till                                | Metals and inorganics, PAHs, and VOCs       |
| BH102-1B                             | 0.3-0.6      | Sand, some Silt, trace cinder and brick fragments (Fill)    | Metals and inorganics, and PAHs             |
| BH102-2A                             | 0.8-1.1      | Sand, some Silt, trace cinder and brick fragments (Fill)    | VOCs, and PHCs                              |
| BH102-5                              | 3.1-3.6      | Sandy Silt, trace Clay                                      | Metals and inorganics, PAHs, and VOCs       |
| BH103-2A                             | 0.8-1.1      | Silty Clay, trace Sand (Fill)                               | Metals and inorganics, PAHs, VOCs, and PHCs |
| BH104-1B                             | 0.3-0.6      | Silty Clay, some Sand (Fill)                                | Metals and inorganics, PAHs, VOCs, and PHCs |
| BH104-6                              | 3.8-4.4      | Silty Clay, trace Sand, Till                                | Metals and inorganics, PAHs, VOCs, and PHCs |
| BH105-1B                             | 0.3-0.6      | Silty Clay, some Sand, and brick fragments (Fill)           | Metals and inorganics, and PAHs             |
| BH9105-1B<br>(Duplicate of BH105-1B) | 0.3-0.6      | Silty Clay, some Sand, and brick fragments (Fill)           | Metals and inorganics, and PAHs             |
| BH105-2                              | 0.8-1.1      | Silty Clay, trace Sand, Till                                | VOCs, and PHCs                              |
| BH105-6                              | 3.8-4.4      | Silty Clay, trace Sand, Till                                | Metals and inorganics                       |
| BH106-2A                             | 0.8-1.1      | Silty Sand, some Clay, and brick fragments (Fill)           | Metals and inorganics, and PAHs             |
| BH106-2B                             | 1.1-1.4      | Silty Clay, some Sand, trace Gravel (Fill)                  | VOCs and PHCs                               |
| BH106-6                              | 3.8-4.4      | Silty Clay, trace Sand and Gravel, Till                     | Metals and inorganics                       |
| BH107-1B                             | 0.3-0.6      | Silty Clay, some Gravel, cinders and brick fragments (Fill) | Metals and inorganics, and PAHs             |
| BH107-2                              | 0.8-1.4      | Silty Sand, some Clay, and brick fragments (Fill)           | VOCs, and PHCs                              |
| BH9107-2<br>(Duplicate of BH107-2)   | 0.8-1.4      | Silty Sand, some Clay, and brick fragments (Fill)           | VOCs, and PHCs                              |
| BH107-5                              | 3.1-3.6      | Silty Clay, trace Sand and Gravel, Till                     | Metals and inorganics                       |
| BH108-1B                             | 0.3-0.6      | Silty Clay, some Sand, and brick fragments (Fill)           | Metals and inorganics, and PAHs             |
| BH108-3                              | 1.5-2.1      | Silty Clay, trace Sand and Gravel, Till                     | VOCs, and PHCs                              |
| BH108-5                              | 3.1-3.6      | Silty Clay, trace Sand and Gravel, Till                     | metals and inorganics, and PAHs             |
| BH1000<br>Methanol blank             | -            | -                                                           | BTEX, PHCs F1                               |

### Site Condition Standards

Based on the proposed use of the Site for Emergency Housing, the results of chemical analyses of the soil samples were compared to the full-depth Site Condition Standards (SCS) for residential/parkland/institutional land use in a non-potable groundwater condition with coarse textured soil, as listed in Table 3 of the *Ministry of the Environment, Conservation and Parks*

(MECP) *Soil, Ground Water and Sediment Standards for Use Under Part XV.1 of the Environmental Protection Act* document, dated April 15, 2011 (the "Table 3 SCS").

### Soil Quality Results

Elevated concentrations of metals and inorganics, PAHs, and/or VOCs in soil exceeding the Table 3 SCS were identified at six of the eight sampling locations. The results of PHCs analysis met the Table 3 SCS in all tested soil samples.

Details of the frequency and distribution of the soil contaminants exceeding the Table 3 SCS are provided below:

- Several PAH parameters (acenaphthylene, anthracene, benzo(a)anthracene, benzo(a)pyrene, benzo(b/j)fluoranthene, benzo(ghi)perylene, benzo(k)fluoranthene, chrysene, dibenzo(a,h)anthracene, fluoranthene, indeno(1,2,3-cd)pyrene, and/or phenanthrene) were identified at an elevated concentration exceeding the Table 3 SCS at four of the eight boreholes (BH101, BH102, BH104, and BH108). The impacted soil was identified at a depth ranging from 0.3 to 0.6 mbgs in the fill unit at the northwest, central, and southeast portions of the Site, and is suspected to be related to poor quality fill material used at the Site for backfilling and grading purposes;
- Chloroform was identified at an elevated concentration exceeding the Table 3 SCS at one of the eight boreholes (BH102). The impacted soil was identified at a depth ranging from 0.8 to 1.1 mbgs in the fill unit in the north central portion of the Site adjacent to Wolseley Street, and may be related to a water main leak in the Wolseley Street road allowance;
- Several metals parameters (barium, copper, lead, mercury, and/or zinc) were identified at elevated concentration exceeding the Table 3 SCS at six of the eight boreholes (BH101, BH102, BH105, BH106, BH107, and BH108). The impacted soil was generally identified at a depth ranging from 0.3 to 1.1 mbgs in the fill unit across the entire site with the exception of the northeast corner of the Site, and is suspected to be related to poor quality fill material used at the Site for backfilling and grading purposes; and,
- Salt-related parameters [electrical conductivity (EC) and/or sodium adsorption ratio (SAR)] were identified at an elevated level exceeding the Table 3 SCS at all eight borehole locations advanced at the Site. The impacted soil was identified at a depth ranging from 0.3 to 4.4 mbgs in the fill and native silty clay till units, and is suspected to be related to road salt placed on the parking lot surface for the purpose of safety of vehicular and pedestrian traffic under conditions of snow or ice

The results of the quality assurance/quality control (QA/QC) samples indicated a good correlation between the field duplicate samples and the corresponding analytical data. Based on a review the results of the quality control data, it is concluded that the laboratory results of the submitted soil samples accurately represent the site conditions and, therefore, the results met the data quality objectives of the investigation.

The laboratory Certificate of Analysis are included in Appendix I and borehole locations are shown on Figure 2.

## CONCLUSIONS AND RECOMMENDATIONS

Based on the preliminary findings of the Environmental Investigation, the following conclusions are provided:

- The Site is presently used as a commercial Green “P” parking lot operated by TPA, and was previously used for mixed residential and commercial purposes (i.e., a bakery) from prior to 1900 to the late-1960s to the early-1970s, when the on-Site buildings were demolished for redevelopment of the Site as a parking lot. Based on the past uses identified at the Site, fill material of unknown quality and origin may have been brought onto the Site for use as backfill and grading purposes following the removal of the former Site building;
- Several historical dry cleaning businesses and properties with former fuel storage tanks were present within 20 to 50 m of the Site. Therefore, it is Terrapex’s opinion that the past operation of dry cleaning equipment and bulk fuel storage at these nearby properties has the potential to adversely impact subsurface conditions at the Site;
- The soil conditions encountered in the boreholes advanced at the Site generally consisted of 90 to 120 mm of asphalt resting on granular fill material consisting of brown sand and gravel with a thickness ranging from 240 to 550 mm. The pavement structure is underlain by fill material consisting of variable brown, dark brown and grey sand some silt to silty, silty clay containing trace gravel, trace brick and cinder fragments. The fill material typically extends to depths between 1.0 and 1.5 mbgs with the exception of Boreholes BH105 and BH103 where fill was encountered to a depth of 0.7 to 1.9 mbgs, respectively. The fill materials at the Site are underlain by a till deposit consisting of a grey silty clay with varying sand fraction ranging from some sand to sandy and trace gravel extending to 4.4 mbgs, the termination depth of the deepest boreholes;
- The results of chemical analyses of the soil samples indicated that one or more PAH and/or metal parameters exceeded the Table 3 SCS at seven of the eight borehole locations. The soil contamination is suspected to be related to poor quality fill material used at the Site for backfilling and grading purposes. In addition, soil impacted by chloroform was identified at one of the eight boreholes and may be related to a water main leak in the Wolseley Street road allowance;
- Salt-related parameters (i.e., EC and/or SAR) exceeded the Table 3 SCS at all eight borehole locations. The elevated levels of EC and SAR are not considered to be contamination, per Section 49.1 of O. Reg. 153/04, as these parameters are considered to be attributed to road salt placed on the parking lot surface for the purpose of safety of vehicular and pedestrian traffic under conditions of snow or ice; and,
- Given that one or more parameter exceeded the Table 3 SCS at all eight borehole locations (including metals and/or PAH impacts at seven of eight boreholes), it may not be practical or cost effective to attempt to delineate and segregate “non-impacted soil” for reuse at the Site or for placement at other properties as “clean fill” or “inert fill”. As such,

excess soil generated during Site redevelopment activities would require off-site disposal at a MECP- approved waste receiving facility. In addition, the management of any excess soil generated at the Site may be subject to the requirements of Ontario Regulation (O. Reg.) 406/19 (On-Site and Excess Soil Management), which is scheduled to take force as law on July 1, 2020.

Based on the findings and conclusions of the Environmental Investigation, the following is recommended:

- If the Site is selected for redevelopment with Emergency Housing, it is understood that the filing of a RSC will be required by the MECP. As such, additional environmental investigations in the form of a Phase One and Phase Two ESA, and Site Remediation and/or a Risk Assessment would be required prior to the RSC filing; and,
- A Soil Management Plan should be developed and implemented that meets the requirements of O. Reg. 406/19 prior to undertaking any earthworks activities related to the redevelopment of the Site with Emergency Housing.

## CLOSURE

This project and summary report have been prepared in accordance with the terms of reference for this project as agreed upon by the City of Toronto and Terrapex Environmental Ltd. and generally accepted engineering or environmental consulting practices in this area. The reported information is believed to provide a reasonable representation of the general environmental conditions of shallow soil at the Site, however, the data were collected at specific locations and conditions may vary at depth or at other locations. Terrapex Environmental Ltd. accepts no liability for claims arising from the use of this report, or from actions taken or decisions made as a result of this report, by parties other than the City of Toronto.

We trust this report meets your requirements. Terrapex appreciated the opportunity to provide our services on this project. If you have any questions regarding this report, please contact the undersigned.

Sincerely,

**TERRAPEX ENVIRONMENTAL LTD.**



Michael Deans B.A.T., C.E.T.  
Project Manager



Chris Roach P.Eng., QP<sub>ESA</sub>, QP<sub>RA</sub>  
Senior Project Manager

Attachments:      Figures 1 and 2  
                         Laboratory Certificates of Analysis

## FIGURES

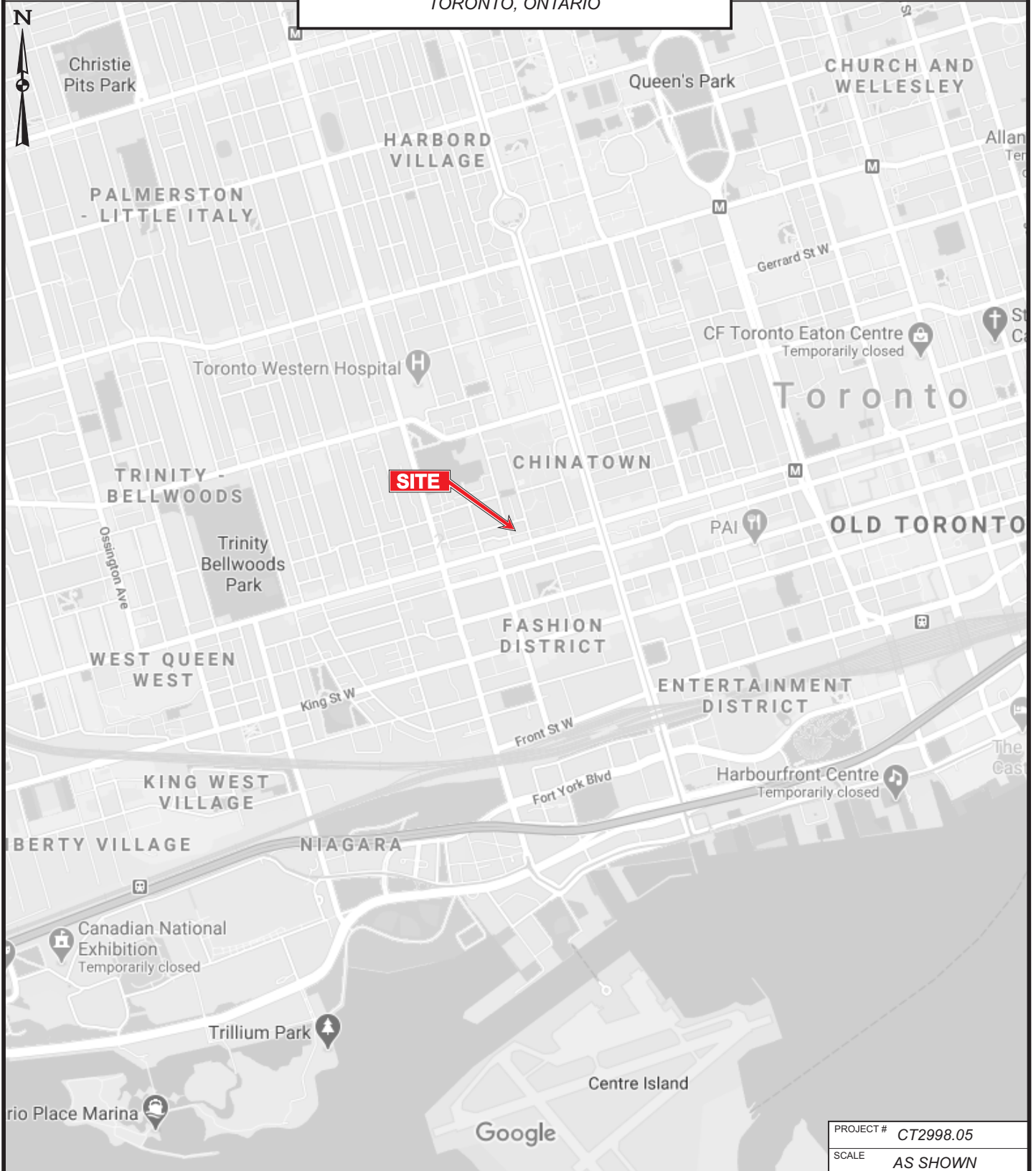




## SITE LOCATION

15 DENISON AVENUE  
TORONTO, ONTARIO

CLIENT



0 500m 1km

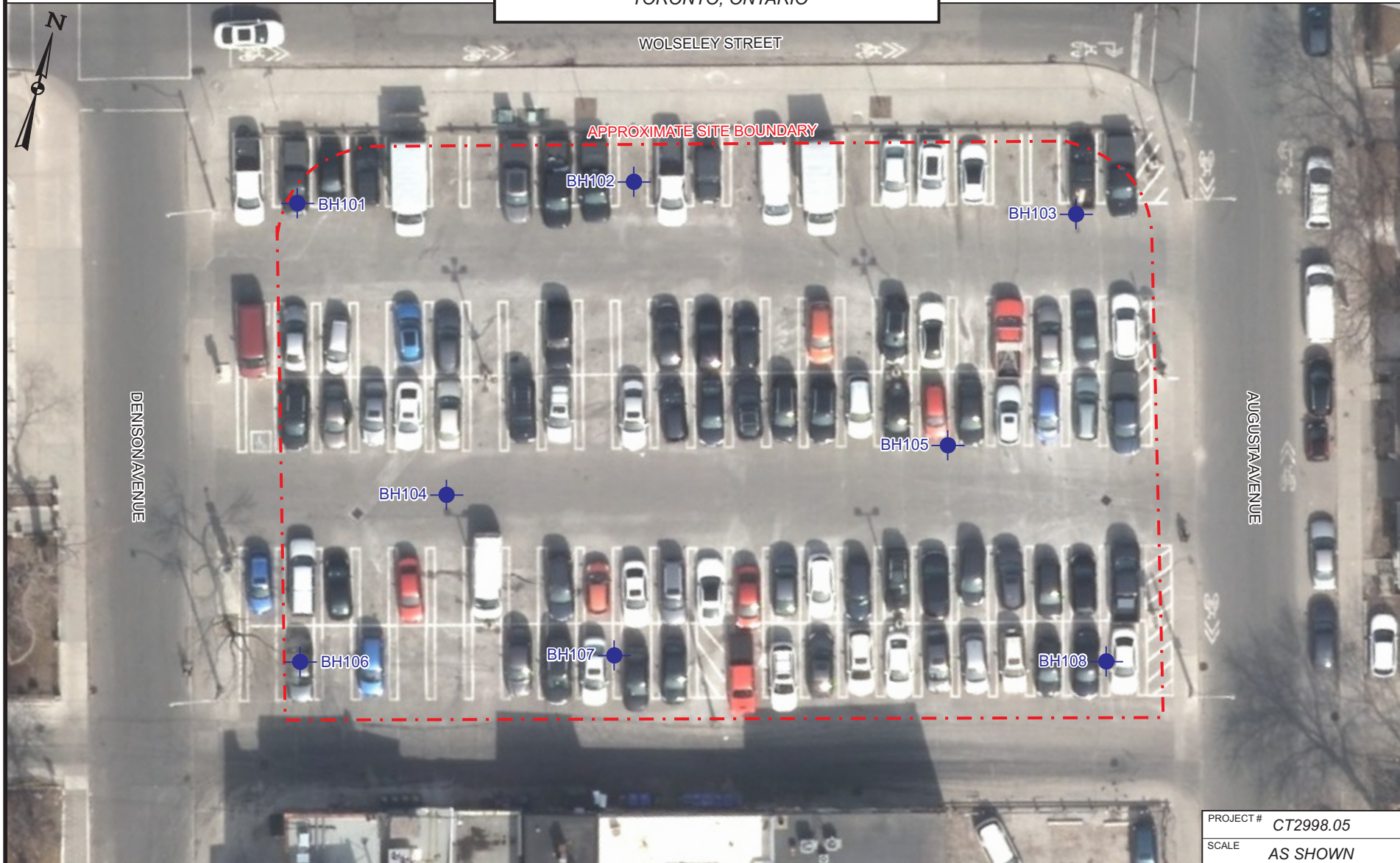
SOURCE: GOOGLE MAPS, 2020.

|           |            |         |    |
|-----------|------------|---------|----|
| PROJECT # | CT2998.05  |         |    |
| SCALE     | AS SHOWN   |         |    |
| DATE      | APRIL 2020 |         |    |
| DRAWN     | AB         | CHECKED | MD |
| DRAWING # | FIGURE 1   |         |    |

# GENERAL SITE LAYOUT

15 DENISON AVENUE  
TORONTO, ONTARIO

CLIENT



## LEGEND

 BOREHOLE

0 10m 20m



SOURCE: VUMAP FIRST BASE SOLUTIONS, 2018 IMAGERY.

PROJECT # CT2998.05

SCALE AS SHOWN

DATE APRIL 2020

DRAWN AB CHECKED MD

DRAWING #

**FIGURE 2**

**APPENDIX I**  
**LABORATORY CERTIFICATES OF ANALYSES**



Your Project #: CT2998.05  
 Site Location: 15 DENISON AVENUE, TORONTO  
 Your C.O.C. #: 769183-01-01

**Attention: Mike Deans**

Terrapex Environmental Ltd  
 90 Scarsdale Rd  
 Toronto, ON  
 CANADA M3B 2R7

**Report Date: 2020/04/27**  
 Report #: R6156654  
 Version: 2 - Revision

**CERTIFICATE OF ANALYSIS – REVISED REPORT**

**BV LABS JOB #: C099980**

**Received: 2020/04/22, 17:14**

Sample Matrix: Soil  
 # Samples Received: 22

| Analyses                                 | Quantity | Date<br>Extracted | Date<br>Analyzed | Laboratory Method | Analytical Method    |
|------------------------------------------|----------|-------------------|------------------|-------------------|----------------------|
| Methylnaphthalene Sum                    | 8        | N/A               | 2020/04/23       | CAM SOP-00301     | EPA 8270D m          |
| Methylnaphthalene Sum                    | 3        | N/A               | 2020/04/26       | CAM SOP-00301     | EPA 8270D m          |
| Hot Water Extractable Boron              | 8        | 2020/04/23        | 2020/04/23       | CAM SOP-00408     | R153 Ana. Prot. 2011 |
| Hot Water Extractable Boron              | 6        | 2020/04/27        | 2020/04/27       | CAM SOP-00408     | R153 Ana. Prot. 2011 |
| 1,3-Dichloropropene Sum                  | 9        | N/A               | 2020/04/23       |                   | EPA 8260C m          |
| 1,3-Dichloropropene Sum                  | 2        | N/A               | 2020/04/26       |                   | EPA 8260C m          |
| Free (WAD) Cyanide                       | 8        | 2020/04/22        | 2020/04/23       | CAM SOP-00457     | OMOE E3015 m         |
| Free (WAD) Cyanide                       | 6        | 2020/04/24        | 2020/04/27       | CAM SOP-00457     | OMOE E3015 m         |
| Conductivity                             | 8        | 2020/04/23        | 2020/04/23       | CAM SOP-00414     | OMOE E3530 v1 m      |
| Conductivity                             | 6        | 2020/04/27        | 2020/04/27       | CAM SOP-00414     | OMOE E3530 v1 m      |
| Hexavalent Chromium in Soil by IC (1)    | 8        | 2020/04/22        | 2020/04/23       | CAM SOP-00436     | EPA 3060/7199 m      |
| Hexavalent Chromium in Soil by IC (1)    | 6        | 2020/04/24        | 2020/04/27       | CAM SOP-00436     | EPA 3060/7199 m      |
| Petroleum Hydrocarbons F2-F4 in Soil (2) | 8        | 2020/04/22        | 2020/04/23       | CAM SOP-00316     | CCME CWS m           |
| Strong Acid Leachable Metals by ICPMS    | 8        | 2020/04/23        | 2020/04/23       | CAM SOP-00447     | EPA 6020B m          |
| Strong Acid Leachable Metals by ICPMS    | 6        | 2020/04/27        | 2020/04/27       | CAM SOP-00447     | EPA 6020B m          |
| Moisture                                 | 15       | N/A               | 2020/04/22       | CAM SOP-00445     | Carter 2nd ed 51.2 m |
| Moisture                                 | 6        | N/A               | 2020/04/24       | CAM SOP-00445     | Carter 2nd ed 51.2 m |
| PAH Compounds in Soil by GC/MS (SIM)     | 8        | 2020/04/22        | 2020/04/23       | CAM SOP-00318     | EPA 8270D m          |
| PAH Compounds in Soil by GC/MS (SIM)     | 3        | 2020/04/25        | 2020/04/25       | CAM SOP-00318     | EPA 8270D m          |
| pH CaCl2 EXTRACT                         | 8        | 2020/04/23        | 2020/04/23       | CAM SOP-00413     | EPA 9045 D m         |
| pH CaCl2 EXTRACT                         | 6        | 2020/04/27        | 2020/04/27       | CAM SOP-00413     | EPA 9045 D m         |
| Sodium Adsorption Ratio (SAR)            | 8        | N/A               | 2020/04/23       | CAM SOP-00102     | EPA 6010C            |
| Sodium Adsorption Ratio (SAR)            | 6        | N/A               | 2020/04/27       | CAM SOP-00102     | EPA 6010C            |
| Volatile Organic Compounds and F1 PHCs   | 9        | N/A               | 2020/04/23       | CAM SOP-00230     | EPA 8260C m          |
| Volatile Organic Compounds in Soil       | 2        | N/A               | 2020/04/25       | CAM SOP-00228     | EPA 8260C m          |

**Remarks:**

Bureau Veritas Laboratories are accredited to ISO/IEC 17025 for specific parameters on scopes of accreditation. Unless otherwise noted, procedures used by BV Labs 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 BV Labs profession using





Your Project #: CT2998.05  
Site Location: 15 DENISON AVENUE, TORONTO  
Your C.O.C. #: 769183-01-01

**Attention: Mike Deans**

Terrapex Environmental Ltd  
90 Scarsdale Rd  
Toronto, ON  
CANADA M3B 2R7

**Report Date: 2020/04/27**  
Report #: R6156654  
Version: 2 - Revision

**CERTIFICATE OF ANALYSIS – REVISED REPORT**

**BV LABS JOB #: C099980**

**Received: 2020/04/22, 17:14**

accepted testing methodologies, quality assurance and quality control procedures (except where otherwise agreed by the client and BV Labs 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.

BV Labs liability is limited to the actual cost of the requested analyses, unless otherwise agreed in writing. There is no other warranty expressed or implied. BV Labs 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 BV Labs, unless otherwise agreed in writing. BV Labs 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 BV Labs, results relate to the supplied samples tested.

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

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

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

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

(2) All CCME PHC results met required criteria unless otherwise stated in the report. The CWS PHC methods employed by Bureau Veritas 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.

Ema Gitej, Senior Project Manager

Email: Ema.Gitej@bvlabs.com

Phone# (905)817-5829

=====

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 #: C099980  
Report Date: 2020/04/27

Terrapex Environmental Ltd  
Client Project #: CT2998.05  
Site Location: 15 DENISON AVENUE, TORONTO  
Sampler Initials: NS

### O.REG 153 METALS & INORGANICS PKG (SOIL)

| BV Labs ID                                                                                |       | MMM509              |          | MMM511              |          | MMM512              |       |          |
|-------------------------------------------------------------------------------------------|-------|---------------------|----------|---------------------|----------|---------------------|-------|----------|
| Sampling Date                                                                             |       | 2020/04/22<br>08:45 |          | 2020/04/22<br>09:10 |          | 2020/04/22<br>09:45 |       |          |
| COC Number                                                                                |       | 769183-01-01        |          | 769183-01-01        |          | 769183-01-01        |       |          |
|                                                                                           | UNITS | BH101-1B            | QC Batch | BH101-6             | QC Batch | BH102-1B            | RDL   | QC Batch |
| <b>Calculated Parameters</b>                                                              |       |                     |          |                     |          |                     |       |          |
| Sodium Adsorption Ratio                                                                   | N/A   | 13                  | 6692970  | 2.6                 | 6695977  | 21                  |       | 6692970  |
| <b>Inorganics</b>                                                                         |       |                     |          |                     |          |                     |       |          |
| Conductivity                                                                              | mS/cm | 1.1                 | 6693834  | 0.76                | 6698475  | 1.1                 | 0.002 | 6693834  |
| Available (CaCl <sub>2</sub> ) pH                                                         | pH    | 8.03                | 6694131  | 7.80                | 6698688  | 7.70                |       | 6694131  |
| WAD Cyanide (Free)                                                                        | ug/g  | ND                  | 6693336  | 0.01                | 6696928  | ND                  | 0.01  | 6693336  |
| Chromium (VI)                                                                             | ug/g  | ND                  | 6692978  | ND                  | 6696943  | ND                  | 0.18  | 6692978  |
| <b>Metals</b>                                                                             |       |                     |          |                     |          |                     |       |          |
| Hot Water Ext. Boron (B)                                                                  | ug/g  | 1.4                 | 6693839  | 0.16                | 6698478  | 0.59                | 0.050 | 6693839  |
| Acid Extractable Antimony (Sb)                                                            | ug/g  | 2.9                 | 6693812  | ND                  | 6698466  | 4.3                 | 0.20  | 6693812  |
| Acid Extractable Arsenic (As)                                                             | ug/g  | 10                  | 6693812  | 2.5                 | 6698466  | 12                  | 1.0   | 6693812  |
| Acid Extractable Barium (Ba)                                                              | ug/g  | 410                 | 6693812  | 180                 | 6698466  | 470                 | 0.50  | 6693812  |
| Acid Extractable Beryllium (Be)                                                           | ug/g  | 0.58                | 6693812  | 0.62                | 6698466  | 0.66                | 0.20  | 6693812  |
| Acid Extractable Boron (B)                                                                | ug/g  | 28                  | 6693812  | 6.3                 | 6698466  | 8.6                 | 5.0   | 6693812  |
| Acid Extractable Cadmium (Cd)                                                             | ug/g  | 0.63                | 6693812  | ND                  | 6698466  | 0.87                | 0.10  | 6693812  |
| Acid Extractable Chromium (Cr)                                                            | ug/g  | 22                  | 6693812  | 31                  | 6698466  | 23                  | 1.0   | 6693812  |
| Acid Extractable Cobalt (Co)                                                              | ug/g  | 6.6                 | 6693812  | 9.2                 | 6698466  | 8.2                 | 0.10  | 6693812  |
| Acid Extractable Copper (Cu)                                                              | ug/g  | 95                  | 6693812  | 20                  | 6698466  | 1300                | 0.50  | 6693812  |
| Acid Extractable Lead (Pb)                                                                | ug/g  | 510                 | 6693812  | 8.2                 | 6698466  | 450                 | 1.0   | 6693812  |
| Acid Extractable Molybdenum (Mo)                                                          | ug/g  | 1.4                 | 6693812  | ND                  | 6698466  | 2.6                 | 0.50  | 6693812  |
| Acid Extractable Nickel (Ni)                                                              | ug/g  | 16                  | 6693812  | 21                  | 6698466  | 19                  | 0.50  | 6693812  |
| Acid Extractable Selenium (Se)                                                            | ug/g  | 0.60                | 6693812  | ND                  | 6698466  | 1.2                 | 0.50  | 6693812  |
| Acid Extractable Silver (Ag)                                                              | ug/g  | 0.58                | 6693812  | ND                  | 6698466  | 0.53                | 0.20  | 6693812  |
| Acid Extractable Thallium (Tl)                                                            | ug/g  | 0.18                | 6693812  | 0.12                | 6698466  | 0.18                | 0.050 | 6693812  |
| Acid Extractable Uranium (U)                                                              | ug/g  | 0.58                | 6693812  | 0.46                | 6698466  | 0.57                | 0.050 | 6693812  |
| Acid Extractable Vanadium (V)                                                             | ug/g  | 26                  | 6693812  | 35                  | 6698466  | 27                  | 5.0   | 6693812  |
| Acid Extractable Zinc (Zn)                                                                | ug/g  | 310                 | 6693812  | 47                  | 6698466  | 550                 | 5.0   | 6693812  |
| Acid Extractable Mercury (Hg)                                                             | ug/g  | 0.62                | 6693812  | ND                  | 6698466  | 0.73                | 0.050 | 6693812  |
| RDL = Reportable Detection Limit<br>QC Batch = Quality Control Batch<br>ND = Not detected |       |                     |          |                     |          |                     |       |          |

BUREAU  
VERITASBV Labs Job #: C099980  
Report Date: 2020/04/27Terrapex Environmental Ltd  
Client Project #: CT2998.05  
Site Location: 15 DENISON AVENUE, TORONTO  
Sampler Initials: NS**O.REG 153 METALS & INORGANICS PKG (SOIL)**

| BV Labs ID                                                                                |       | MMM514              |          | MMM515              | MMM517              | MMM518              |       |          |
|-------------------------------------------------------------------------------------------|-------|---------------------|----------|---------------------|---------------------|---------------------|-------|----------|
| Sampling Date                                                                             |       | 2020/04/22<br>10:05 |          | 2020/04/22<br>10:40 | 2020/04/22<br>11:35 | 2020/04/22<br>11:35 |       |          |
| COC Number                                                                                |       | 769183-01-01        |          | 769183-01-01        | 769183-01-01        | 769183-01-01        |       |          |
|                                                                                           | UNITS | BH102-5             | QC Batch | BH103-2A            | BH105-1B            | BH9105-1B           | RDL   | QC Batch |
| <b>Calculated Parameters</b>                                                              |       |                     |          |                     |                     |                     |       |          |
| Sodium Adsorption Ratio                                                                   | N/A   | 15                  | 6695977  | 7.5                 | 4.9                 | 4.0                 |       | 6692970  |
| <b>Inorganics</b>                                                                         |       |                     |          |                     |                     |                     |       |          |
| Conductivity                                                                              | mS/cm | 1.2                 | 6698475  | 1.8                 | 2.2                 | 2.0                 | 0.002 | 6693834  |
| Available (CaCl <sub>2</sub> ) pH                                                         | pH    | 7.88                | 6698688  | 7.91                | 7.43                | 7.55                |       | 6694131  |
| WAD Cyanide (Free)                                                                        | ug/g  | ND                  | 6696928  | ND                  | ND                  | ND                  | 0.01  | 6693336  |
| Chromium (VI)                                                                             | ug/g  | ND                  | 6696943  | ND                  | ND                  | 0.24                | 0.18  | 6692978  |
| <b>Metals</b>                                                                             |       |                     |          |                     |                     |                     |       |          |
| Hot Water Ext. Boron (B)                                                                  | ug/g  | 0.20                | 6698478  | 0.23                | 1.4                 | 1.3                 | 0.050 | 6693839  |
| Acid Extractable Antimony (Sb)                                                            | ug/g  | ND                  | 6698466  | ND                  | 0.57                | 0.39                | 0.20  | 6693812  |
| Acid Extractable Arsenic (As)                                                             | ug/g  | 2.0                 | 6698466  | 2.4                 | 5.8                 | 4.9                 | 1.0   | 6693812  |
| Acid Extractable Barium (Ba)                                                              | ug/g  | 92                  | 6698466  | 140                 | 170                 | 160                 | 0.50  | 6693812  |
| Acid Extractable Beryllium (Be)                                                           | ug/g  | 0.63                | 6698466  | 0.76                | 0.81                | 1.0                 | 0.20  | 6693812  |
| Acid Extractable Boron (B)                                                                | ug/g  | 6.9                 | 6698466  | 6.7                 | 9.8                 | 11                  | 5.0   | 6693812  |
| Acid Extractable Cadmium (Cd)                                                             | ug/g  | ND                  | 6698466  | ND                  | 0.23                | 0.16                | 0.10  | 6693812  |
| Acid Extractable Chromium (Cr)                                                            | ug/g  | 32                  | 6698466  | 33                  | 31                  | 35                  | 1.0   | 6693812  |
| Acid Extractable Cobalt (Co)                                                              | ug/g  | 9.5                 | 6698466  | 9.1                 | 11                  | 13                  | 0.10  | 6693812  |
| Acid Extractable Copper (Cu)                                                              | ug/g  | 18                  | 6698466  | 19                  | 30                  | 30                  | 0.50  | 6693812  |
| Acid Extractable Lead (Pb)                                                                | ug/g  | 7.4                 | 6698466  | 8.7                 | 180                 | 67                  | 1.0   | 6693812  |
| Acid Extractable Molybdenum (Mo)                                                          | ug/g  | ND                  | 6698466  | ND                  | 1.3                 | 0.99                | 0.50  | 6693812  |
| Acid Extractable Nickel (Ni)                                                              | ug/g  | 22                  | 6698466  | 23                  | 22                  | 29                  | 0.50  | 6693812  |
| Acid Extractable Selenium (Se)                                                            | ug/g  | ND                  | 6698466  | ND                  | 1.2                 | ND                  | 0.50  | 6693812  |
| Acid Extractable Silver (Ag)                                                              | ug/g  | ND                  | 6698466  | ND                  | 0.25                | ND                  | 0.20  | 6693812  |
| Acid Extractable Thallium (Tl)                                                            | ug/g  | 0.12                | 6698466  | 0.17                | 0.17                | 0.19                | 0.050 | 6693812  |
| Acid Extractable Uranium (U)                                                              | ug/g  | 0.48                | 6698466  | 0.56                | 0.51                | 0.63                | 0.050 | 6693812  |
| Acid Extractable Vanadium (V)                                                             | ug/g  | 34                  | 6698466  | 38                  | 38                  | 42                  | 5.0   | 6693812  |
| Acid Extractable Zinc (Zn)                                                                | ug/g  | 43                  | 6698466  | 51                  | 130                 | 91                  | 5.0   | 6693812  |
| Acid Extractable Mercury (Hg)                                                             | ug/g  | ND                  | 6698466  | 0.060               | 0.99                | 0.39                | 0.050 | 6693812  |
| RDL = Reportable Detection Limit<br>QC Batch = Quality Control Batch<br>ND = Not detected |       |                     |          |                     |                     |                     |       |          |

BUREAU  
VERITASBV Labs Job #: C099980  
Report Date: 2020/04/27Terrapex Environmental Ltd  
Client Project #: CT2998.05  
Site Location: 15 DENISON AVENUE, TORONTO  
Sampler Initials: NS**O.REG 153 METALS & INORGANICS PKG (SOIL)**

|                      |              |                              |            |                 |                     |            |                 |                     |            |                 |
|----------------------|--------------|------------------------------|------------|-----------------|---------------------|------------|-----------------|---------------------|------------|-----------------|
| <b>BV Labs ID</b>    |              | MMM518                       |            |                 | MMM520              |            |                 | MMM521              |            |                 |
| <b>Sampling Date</b> |              | 2020/04/22<br>11:35          |            |                 | 2020/04/22<br>11:55 |            |                 | 2020/04/22<br>03:00 |            |                 |
| <b>COC Number</b>    |              | 769183-01-01                 |            |                 | 769183-01-01        |            |                 | 769183-01-01        |            |                 |
|                      | <b>UNITS</b> | <b>BH9105-1B<br/>Lab-Dup</b> | <b>RDL</b> | <b>QC Batch</b> | <b>BH105-6</b>      | <b>RDL</b> | <b>QC Batch</b> | <b>BH106-2A</b>     | <b>RDL</b> | <b>QC Batch</b> |

|                                                                                                                                       |       |      |      |         |      |       |         |      |       |         |
|---------------------------------------------------------------------------------------------------------------------------------------|-------|------|------|---------|------|-------|---------|------|-------|---------|
| <b>Calculated Parameters</b>                                                                                                          |       |      |      |         |      |       |         |      |       |         |
| Sodium Adsorption Ratio                                                                                                               | N/A   |      |      |         | 0.89 |       | 6695977 | 26   |       | 6692970 |
| <b>Inorganics</b>                                                                                                                     |       |      |      |         |      |       |         |      |       |         |
| Conductivity                                                                                                                          | mS/cm |      |      |         | 0.56 | 0.002 | 6698475 | 2.3  | 0.002 | 6693834 |
| Moisture                                                                                                                              | %     |      |      |         | 17   | 1.0   | 6696894 |      |       |         |
| Available (CaCl <sub>2</sub> ) pH                                                                                                     | pH    | 7.53 |      | 6694131 | 7.67 |       | 6698688 | 9.11 |       | 6694131 |
| WAD Cyanide (Free)                                                                                                                    | ug/g  | ND   | 0.01 | 6693336 | ND   | 0.01  | 6696928 | ND   | 0.01  | 6693336 |
| Chromium (VI)                                                                                                                         | ug/g  |      |      |         | ND   | 0.18  | 6696943 | 0.68 | 0.18  | 6692978 |
| <b>Metals</b>                                                                                                                         |       |      |      |         |      |       |         |      |       |         |
| Hot Water Ext. Boron (B)                                                                                                              | ug/g  |      |      |         | 0.32 | 0.050 | 6698478 | 1.3  | 0.050 | 6693839 |
| Acid Extractable Antimony (Sb)                                                                                                        | ug/g  |      |      |         | ND   | 0.20  | 6698466 | 0.46 | 0.20  | 6693812 |
| Acid Extractable Arsenic (As)                                                                                                         | ug/g  |      |      |         | 2.4  | 1.0   | 6698466 | 3.0  | 1.0   | 6693812 |
| Acid Extractable Barium (Ba)                                                                                                          | ug/g  |      |      |         | 87   | 0.50  | 6698466 | 180  | 0.50  | 6693812 |
| Acid Extractable Beryllium (Be)                                                                                                       | ug/g  |      |      |         | 0.64 | 0.20  | 6698466 | 0.53 | 0.20  | 6693812 |
| Acid Extractable Boron (B)                                                                                                            | ug/g  |      |      |         | 7.7  | 5.0   | 6698466 | 12   | 5.0   | 6693812 |
| Acid Extractable Cadmium (Cd)                                                                                                         | ug/g  |      |      |         | ND   | 0.10  | 6698466 | 0.21 | 0.10  | 6693812 |
| Acid Extractable Chromium (Cr)                                                                                                        | ug/g  |      |      |         | 31   | 1.0   | 6698466 | 28   | 1.0   | 6693812 |
| Acid Extractable Cobalt (Co)                                                                                                          | ug/g  |      |      |         | 10   | 0.10  | 6698466 | 6.7  | 0.10  | 6693812 |
| Acid Extractable Copper (Cu)                                                                                                          | ug/g  |      |      |         | 24   | 0.50  | 6698466 | 22   | 0.50  | 6693812 |
| Acid Extractable Lead (Pb)                                                                                                            | ug/g  |      |      |         | 7.6  | 1.0   | 6698466 | 220  | 1.0   | 6693812 |
| Acid Extractable Molybdenum (Mo)                                                                                                      | ug/g  |      |      |         | ND   | 0.50  | 6698466 | ND   | 0.50  | 6693812 |
| Acid Extractable Nickel (Ni)                                                                                                          | ug/g  |      |      |         | 24   | 0.50  | 6698466 | 16   | 0.50  | 6693812 |
| Acid Extractable Selenium (Se)                                                                                                        | ug/g  |      |      |         | ND   | 0.50  | 6698466 | ND   | 0.50  | 6693812 |
| Acid Extractable Silver (Ag)                                                                                                          | ug/g  |      |      |         | ND   | 0.20  | 6698466 | ND   | 0.20  | 6693812 |
| Acid Extractable Thallium (Tl)                                                                                                        | ug/g  |      |      |         | 0.13 | 0.050 | 6698466 | 0.13 | 0.050 | 6693812 |
| Acid Extractable Uranium (U)                                                                                                          | ug/g  |      |      |         | 0.72 | 0.050 | 6698466 | 0.45 | 0.050 | 6693812 |
| Acid Extractable Vanadium (V)                                                                                                         | ug/g  |      |      |         | 35   | 5.0   | 6698466 | 31   | 5.0   | 6693812 |
| Acid Extractable Zinc (Zn)                                                                                                            | ug/g  |      |      |         | 48   | 5.0   | 6698466 | 110  | 5.0   | 6693812 |
| Acid Extractable Mercury (Hg)                                                                                                         | ug/g  |      |      |         | ND   | 0.050 | 6698466 | 1.9  | 0.050 | 6693812 |
| RDL = Reportable Detection Limit<br>QC Batch = Quality Control Batch<br>Lab-Dup = Laboratory Initiated Duplicate<br>ND = Not detected |       |      |      |         |      |       |         |      |       |         |



BUREAU  
VERITASBV Labs Job #: C099980  
Report Date: 2020/04/27Terrapex Environmental Ltd  
Client Project #: CT2998.05  
Site Location: 15 DENISON AVENUE, TORONTO  
Sampler Initials: NS**O.REG 153 METALS & INORGANICS PKG (SOIL)**

| BV Labs ID                                                                                |       | MMM523              |       |          | MMM524              |       |          | MMM527              |       |          |
|-------------------------------------------------------------------------------------------|-------|---------------------|-------|----------|---------------------|-------|----------|---------------------|-------|----------|
| Sampling Date                                                                             |       | 2020/04/22<br>03:15 |       |          | 2020/04/22<br>02:25 |       |          | 2020/04/22<br>02:45 |       |          |
| COC Number                                                                                |       | 769183-01-01        |       |          | 769183-01-01        |       |          | 769183-01-01        |       |          |
|                                                                                           | UNITS | BH106-6             | RDL   | QC Batch | BH107-1B            | RDL   | QC Batch | BH107-5             | RDL   | QC Batch |
| <b>Calculated Parameters</b>                                                              |       |                     |       |          |                     |       |          |                     |       |          |
| Sodium Adsorption Ratio                                                                   | N/A   | 0.24                |       | 6695977  | 28                  |       | 6692970  | 0.90                |       | 6695977  |
| <b>Inorganics</b>                                                                         |       |                     |       |          |                     |       |          |                     |       |          |
| Conductivity                                                                              | mS/cm | 0.17                | 0.002 | 6698475  | 1.8                 | 0.002 | 6693834  | 0.57                | 0.002 | 6698475  |
| Moisture                                                                                  | %     | 17                  | 1.0   | 6696894  |                     |       |          | 15                  | 1.0   | 6696894  |
| Available (CaCl <sub>2</sub> ) pH                                                         | pH    | 7.81                |       | 6698688  | 7.81                |       | 6694131  | 8.10                |       | 6698688  |
| WAD Cyanide (Free)                                                                        | ug/g  | ND                  | 0.01  | 6696928  | ND                  | 0.01  | 6693336  | ND                  | 0.01  | 6696928  |
| Chromium (VI)                                                                             | ug/g  | ND                  | 0.18  | 6696943  | ND                  | 0.18  | 6692978  | ND                  | 0.18  | 6696943  |
| <b>Metals</b>                                                                             |       |                     |       |          |                     |       |          |                     |       |          |
| Hot Water Ext. Boron (B)                                                                  | ug/g  | 0.34                | 0.050 | 6698478  | 1.1                 | 0.050 | 6693839  | 0.16                | 0.050 | 6698478  |
| Acid Extractable Antimony (Sb)                                                            | ug/g  | 0.25                | 0.20  | 6698466  | 1.6                 | 0.20  | 6693812  | ND                  | 0.20  | 6698466  |
| Acid Extractable Arsenic (As)                                                             | ug/g  | 2.0                 | 1.0   | 6698466  | 8.4                 | 1.0   | 6693812  | 1.9                 | 1.0   | 6698466  |
| Acid Extractable Barium (Ba)                                                              | ug/g  | 64                  | 0.50  | 6698466  | 250                 | 0.50  | 6693812  | 89                  | 0.50  | 6698466  |
| Acid Extractable Beryllium (Be)                                                           | ug/g  | 0.40                | 0.20  | 6698466  | 0.69                | 0.20  | 6693812  | 0.69                | 0.20  | 6698466  |
| Acid Extractable Boron (B)                                                                | ug/g  | 6.4                 | 5.0   | 6698466  | 15                  | 5.0   | 6693812  | 8.1                 | 5.0   | 6698466  |
| Acid Extractable Cadmium (Cd)                                                             | ug/g  | 0.18                | 0.10  | 6698466  | 0.41                | 0.10  | 6693812  | 0.13                | 0.10  | 6698466  |
| Acid Extractable Chromium (Cr)                                                            | ug/g  | 19                  | 1.0   | 6698466  | 26                  | 1.0   | 6693812  | 31                  | 1.0   | 6698466  |
| Acid Extractable Cobalt (Co)                                                              | ug/g  | 5.6                 | 0.10  | 6698466  | 9.8                 | 0.10  | 6693812  | 9.7                 | 0.10  | 6698466  |
| Acid Extractable Copper (Cu)                                                              | ug/g  | 12                  | 0.50  | 6698466  | 71                  | 0.50  | 6693812  | 21                  | 0.50  | 6698466  |
| Acid Extractable Lead (Pb)                                                                | ug/g  | 15                  | 1.0   | 6698466  | 280                 | 1.0   | 6693812  | 8.1                 | 1.0   | 6698466  |
| Acid Extractable Molybdenum (Mo)                                                          | ug/g  | ND                  | 0.50  | 6698466  | 1.1                 | 0.50  | 6693812  | ND                  | 0.50  | 6698466  |
| Acid Extractable Nickel (Ni)                                                              | ug/g  | 10                  | 0.50  | 6698466  | 23                  | 0.50  | 6693812  | 24                  | 0.50  | 6698466  |
| Acid Extractable Selenium (Se)                                                            | ug/g  | ND                  | 0.50  | 6698466  | 1.1                 | 0.50  | 6693812  | ND                  | 0.50  | 6698466  |
| Acid Extractable Silver (Ag)                                                              | ug/g  | ND                  | 0.20  | 6698466  | 0.32                | 0.20  | 6693812  | ND                  | 0.20  | 6698466  |
| Acid Extractable Thallium (Tl)                                                            | ug/g  | 0.12                | 0.050 | 6698466  | 0.16                | 0.050 | 6693812  | 0.12                | 0.050 | 6698466  |
| Acid Extractable Uranium (U)                                                              | ug/g  | 0.47                | 0.050 | 6698466  | 0.45                | 0.050 | 6693812  | 0.54                | 0.050 | 6698466  |
| Acid Extractable Vanadium (V)                                                             | ug/g  | 29                  | 5.0   | 6698466  | 31                  | 5.0   | 6693812  | 35                  | 5.0   | 6698466  |
| Acid Extractable Zinc (Zn)                                                                | ug/g  | 54                  | 5.0   | 6698466  | 220                 | 5.0   | 6693812  | 50                  | 5.0   | 6698466  |
| Acid Extractable Mercury (Hg)                                                             | ug/g  | ND                  | 0.050 | 6698466  | 1.3                 | 0.050 | 6693812  | ND                  | 0.050 | 6698466  |
| RDL = Reportable Detection Limit<br>QC Batch = Quality Control Batch<br>ND = Not detected |       |                     |       |          |                     |       |          |                     |       |          |

BUREAU  
VERITASBV Labs Job #: C099980  
Report Date: 2020/04/27Terrapex Environmental Ltd  
Client Project #: CT2998.05  
Site Location: 15 DENISON AVENUE, TORONTO  
Sampler Initials: NS**O.REG 153 METALS & INORGANICS PKG (SOIL)**

|                                                                                           |              |                     |                 |                     |            |                 |
|-------------------------------------------------------------------------------------------|--------------|---------------------|-----------------|---------------------|------------|-----------------|
| <b>BV Labs ID</b>                                                                         |              | MMM528              |                 | MMM530              |            |                 |
| <b>Sampling Date</b>                                                                      |              | 2020/04/22<br>12:10 |                 | 2020/04/22<br>12:30 |            |                 |
| <b>COC Number</b>                                                                         |              | 769183-01-01        |                 | 769183-01-01        |            |                 |
|                                                                                           | <b>UNITS</b> | <b>BH108-1B</b>     | <b>QC Batch</b> | <b>BH108-5</b>      | <b>RDL</b> | <b>QC Batch</b> |
| <b>Calculated Parameters</b>                                                              |              |                     |                 |                     |            |                 |
| Sodium Adsorption Ratio                                                                   | N/A          | 66                  | 6692970         | 0.93                |            | 6695977         |
| <b>Inorganics</b>                                                                         |              |                     |                 |                     |            |                 |
| Conductivity                                                                              | mS/cm        | 4.3                 | 6693834         | 0.30                | 0.002      | 6698475         |
| Available (CaCl <sub>2</sub> ) pH                                                         | pH           | 8.10                | 6694131         | 7.89                |            | 6698688         |
| WAD Cyanide (Free)                                                                        | ug/g         | ND                  | 6693336         | ND                  | 0.01       | 6696928         |
| Chromium (VI)                                                                             | ug/g         | ND                  | 6692978         | ND                  | 0.18       | 6696943         |
| <b>Metals</b>                                                                             |              |                     |                 |                     |            |                 |
| Hot Water Ext. Boron (B)                                                                  | ug/g         | 0.48                | 6693839         | 0.37                | 0.050      | 6698478         |
| Acid Extractable Antimony (Sb)                                                            | ug/g         | 1.3                 | 6693812         | ND                  | 0.20       | 6698466         |
| Acid Extractable Arsenic (As)                                                             | ug/g         | 3.8                 | 6693812         | 2.4                 | 1.0        | 6698466         |
| Acid Extractable Barium (Ba)                                                              | ug/g         | 110                 | 6693812         | 87                  | 0.50       | 6698466         |
| Acid Extractable Beryllium (Be)                                                           | ug/g         | 0.37                | 6693812         | 0.67                | 0.20       | 6698466         |
| Acid Extractable Boron (B)                                                                | ug/g         | 5.8                 | 6693812         | 8.3                 | 5.0        | 6698466         |
| Acid Extractable Cadmium (Cd)                                                             | ug/g         | 0.30                | 6693812         | ND                  | 0.10       | 6698466         |
| Acid Extractable Chromium (Cr)                                                            | ug/g         | 18                  | 6693812         | 30                  | 1.0        | 6698466         |
| Acid Extractable Cobalt (Co)                                                              | ug/g         | 5.2                 | 6693812         | 10                  | 0.10       | 6698466         |
| Acid Extractable Copper (Cu)                                                              | ug/g         | 24                  | 6693812         | 22                  | 0.50       | 6698466         |
| Acid Extractable Lead (Pb)                                                                | ug/g         | 130                 | 6693812         | 8.1                 | 1.0        | 6698466         |
| Acid Extractable Molybdenum (Mo)                                                          | ug/g         | ND                  | 6693812         | ND                  | 0.50       | 6698466         |
| Acid Extractable Nickel (Ni)                                                              | ug/g         | 12                  | 6693812         | 25                  | 0.50       | 6698466         |
| Acid Extractable Selenium (Se)                                                            | ug/g         | ND                  | 6693812         | ND                  | 0.50       | 6698466         |
| Acid Extractable Silver (Ag)                                                              | ug/g         | ND                  | 6693812         | ND                  | 0.20       | 6698466         |
| Acid Extractable Thallium (Tl)                                                            | ug/g         | 0.13                | 6693812         | 0.13                | 0.050      | 6698466         |
| Acid Extractable Uranium (U)                                                              | ug/g         | 0.42                | 6693812         | 0.72                | 0.050      | 6698466         |
| Acid Extractable Vanadium (V)                                                             | ug/g         | 23                  | 6693812         | 34                  | 5.0        | 6698466         |
| Acid Extractable Zinc (Zn)                                                                | ug/g         | 150                 | 6693812         | 50                  | 5.0        | 6698466         |
| Acid Extractable Mercury (Hg)                                                             | ug/g         | 0.28                | 6693812         | ND                  | 0.050      | 6698466         |
| RDL = Reportable Detection Limit<br>QC Batch = Quality Control Batch<br>ND = Not detected |              |                     |                 |                     |            |                 |

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VERITASBV Labs Job #: C099980  
Report Date: 2020/04/27Terrapex Environmental Ltd  
Client Project #: CT2998.05  
Site Location: 15 DENISON AVENUE, TORONTO  
Sampler Initials: NS**O.REG 153 PAHS (SOIL)**

| BV Labs ID                                                                                |       | MMM509              |          | MMM511              |          | MMM512              |          | MMM514              |        |          |
|-------------------------------------------------------------------------------------------|-------|---------------------|----------|---------------------|----------|---------------------|----------|---------------------|--------|----------|
| Sampling Date                                                                             |       | 2020/04/22<br>08:45 |          | 2020/04/22<br>09:10 |          | 2020/04/22<br>09:45 |          | 2020/04/22<br>10:05 |        |          |
| COC Number                                                                                |       | 769183-01-01        |          | 769183-01-01        |          | 769183-01-01        |          | 769183-01-01        |        |          |
|                                                                                           | UNITS | BH101-1B            | QC Batch | BH101-6             | QC Batch | BH102-1B            | QC Batch | BH102-5             | RDL    | QC Batch |
| <b>Inorganics</b>                                                                         |       |                     |          |                     |          |                     |          |                     |        |          |
| Moisture                                                                                  | %     | 19                  | 6693323  | 16                  | 6696791  | 16                  | 6693323  | 15                  | 1.0    | 6696791  |
| <b>Calculated Parameters</b>                                                              |       |                     |          |                     |          |                     |          |                     |        |          |
| Methylnaphthalene, 2-(1-)                                                                 | ug/g  | 0.026               | 6692749  | ND                  | 6695754  | 0.030               | 6692749  | ND                  | 0.0071 | 6695754  |
| <b>Polyaromatic Hydrocarbons</b>                                                          |       |                     |          |                     |          |                     |          |                     |        |          |
| Acenaphthene                                                                              | ug/g  | 0.022               | 6693396  | ND                  | 6697537  | 0.015               | 6693396  | ND                  | 0.0050 | 6697537  |
| Acenaphthylene                                                                            | ug/g  | 0.11                | 6693396  | ND                  | 6697537  | 0.074               | 6693396  | ND                  | 0.0050 | 6697537  |
| Anthracene                                                                                | ug/g  | 0.12                | 6693396  | ND                  | 6697537  | 0.080               | 6693396  | ND                  | 0.0050 | 6697537  |
| Benzo(a)anthracene                                                                        | ug/g  | 0.45                | 6693396  | ND                  | 6697537  | 0.31                | 6693396  | ND                  | 0.0050 | 6697537  |
| Benzo(a)pyrene                                                                            | ug/g  | 0.52                | 6693396  | ND                  | 6697537  | 0.32                | 6693396  | ND                  | 0.0050 | 6697537  |
| Benzo(b/j)fluoranthene                                                                    | ug/g  | 0.62                | 6693396  | ND                  | 6697537  | 0.42                | 6693396  | ND                  | 0.0050 | 6697537  |
| Benzo(g,h,i)perylene                                                                      | ug/g  | 0.39                | 6693396  | ND                  | 6697537  | 0.23                | 6693396  | ND                  | 0.0050 | 6697537  |
| Benzo(k)fluoranthene                                                                      | ug/g  | 0.21                | 6693396  | ND                  | 6697537  | 0.14                | 6693396  | ND                  | 0.0050 | 6697537  |
| Chrysene                                                                                  | ug/g  | 0.43                | 6693396  | ND                  | 6697537  | 0.28                | 6693396  | ND                  | 0.0050 | 6697537  |
| Dibenzo(a,h)anthracene                                                                    | ug/g  | 0.076               | 6693396  | ND                  | 6697537  | 0.051               | 6693396  | ND                  | 0.0050 | 6697537  |
| Fluoranthene                                                                              | ug/g  | 1.0                 | 6693396  | ND                  | 6697537  | 0.63                | 6693396  | ND                  | 0.0050 | 6697537  |
| Fluorene                                                                                  | ug/g  | 0.024               | 6693396  | ND                  | 6697537  | 0.015               | 6693396  | ND                  | 0.0050 | 6697537  |
| Indeno(1,2,3-cd)pyrene                                                                    | ug/g  | 0.37                | 6693396  | ND                  | 6697537  | 0.22                | 6693396  | ND                  | 0.0050 | 6697537  |
| 1-Methylnaphthalene                                                                       | ug/g  | 0.015               | 6693396  | ND                  | 6697537  | 0.016               | 6693396  | ND                  | 0.0050 | 6697537  |
| 2-Methylnaphthalene                                                                       | ug/g  | 0.012               | 6693396  | ND                  | 6697537  | 0.014               | 6693396  | ND                  | 0.0050 | 6697537  |
| Naphthalene                                                                               | ug/g  | 0.011               | 6693396  | ND                  | 6697537  | 0.010               | 6693396  | ND                  | 0.0050 | 6697537  |
| Phenanthrene                                                                              | ug/g  | 0.45                | 6693396  | ND                  | 6697537  | 0.25                | 6693396  | ND                  | 0.0050 | 6697537  |
| Pyrene                                                                                    | ug/g  | 1.1                 | 6693396  | ND                  | 6697537  | 0.64                | 6693396  | ND                  | 0.0050 | 6697537  |
| <b>Surrogate Recovery (%)</b>                                                             |       |                     |          |                     |          |                     |          |                     |        |          |
| D10-Anthracene                                                                            | %     | 85                  | 6693396  | 105                 | 6697537  | 93                  | 6693396  | 111                 |        | 6697537  |
| D14-Terphenyl (FS)                                                                        | %     | 108                 | 6693396  | 99                  | 6697537  | 108                 | 6693396  | 103                 |        | 6697537  |
| D8-Acenaphthylene                                                                         | %     | 66                  | 6693396  | 96                  | 6697537  | 87                  | 6693396  | 101                 |        | 6697537  |
| RDL = Reportable Detection Limit<br>QC Batch = Quality Control Batch<br>ND = Not detected |       |                     |          |                     |          |                     |          |                     |        |          |



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BV Labs Job #: C099980  
Report Date: 2020/04/27

Terrapex Environmental Ltd  
Client Project #: CT2998.05  
Site Location: 15 DENISON AVENUE, TORONTO  
Sampler Initials: NS

### O.REG 153 PAHS (SOIL)

| BV Labs ID                                                                                |       | MMM515              |        |          | MMM517              | MMM518              | MMM521              | MMM524              |        |          |
|-------------------------------------------------------------------------------------------|-------|---------------------|--------|----------|---------------------|---------------------|---------------------|---------------------|--------|----------|
| Sampling Date                                                                             |       | 2020/04/22<br>10:40 |        |          | 2020/04/22<br>11:35 | 2020/04/22<br>11:35 | 2020/04/22<br>03:00 | 2020/04/22<br>02:25 |        |          |
| COC Number                                                                                |       | 769183-01-01        |        |          | 769183-01-01        | 769183-01-01        | 769183-01-01        | 769183-01-01        |        |          |
|                                                                                           | UNITS | BH103-2A            | RDL    | QC Batch | BH105-1B            | BH9105-1B           | BH106-2A            | BH107-1B            | RDL    | QC Batch |
| <b>Inorganics</b>                                                                         |       |                     |        |          |                     |                     |                     |                     |        |          |
| Moisture                                                                                  | %     |                     |        |          | 15                  | 19                  | 16                  | 17                  | 1.0    | 6693323  |
| <b>Calculated Parameters</b>                                                              |       |                     |        |          |                     |                     |                     |                     |        |          |
| Methylnaphthalene, 2-(1-)                                                                 | ug/g  | ND                  | 0.0071 | 6692749  | ND                  | ND                  | ND                  | ND                  | 0.0071 | 6692749  |
| <b>Polyaromatic Hydrocarbons</b>                                                          |       |                     |        |          |                     |                     |                     |                     |        |          |
| Acenaphthene                                                                              | ug/g  | ND                  | 0.0050 | 6693396  | 0.0070              | ND                  | 0.012               | ND                  | 0.0050 | 6693396  |
| Acenaphthylene                                                                            | ug/g  | ND                  | 0.0050 | 6693396  | 0.019               | ND                  | 0.010               | 0.0096              | 0.0050 | 6693396  |
| Anthracene                                                                                | ug/g  | ND                  | 0.0050 | 6693396  | 0.037               | ND                  | 0.053               | 0.013               | 0.0050 | 6693396  |
| Benzo(a)anthracene                                                                        | ug/g  | ND                  | 0.0050 | 6693396  | 0.15                | ND                  | 0.25                | 0.068               | 0.0050 | 6693396  |
| Benzo(a)pyrene                                                                            | ug/g  | ND                  | 0.0050 | 6693396  | 0.16                | ND                  | 0.18                | 0.075               | 0.0050 | 6693396  |
| Benzo(b/j)fluoranthene                                                                    | ug/g  | ND                  | 0.0050 | 6693396  | 0.20                | ND                  | 0.25                | 0.11                | 0.0050 | 6693396  |
| Benzo(g,h,i)perylene                                                                      | ug/g  | ND                  | 0.0050 | 6693396  | 0.11                | ND                  | 0.10                | 0.067               | 0.0050 | 6693396  |
| Benzo(k)fluoranthene                                                                      | ug/g  | ND                  | 0.0050 | 6693396  | 0.068               | ND                  | 0.095               | 0.035               | 0.0050 | 6693396  |
| Chrysene                                                                                  | ug/g  | ND                  | 0.0050 | 6693396  | 0.14                | ND                  | 0.20                | 0.064               | 0.0050 | 6693396  |
| Dibenzo(a,h)anthracene                                                                    | ug/g  | ND                  | 0.0050 | 6693396  | 0.024               | ND                  | 0.030               | 0.013               | 0.0050 | 6693396  |
| Fluoranthene                                                                              | ug/g  | ND                  | 0.0050 | 6693396  | 0.32                | 0.0053              | 0.53                | 0.12                | 0.0050 | 6693396  |
| Fluorene                                                                                  | ug/g  | ND                  | 0.0050 | 6693396  | 0.0070              | ND                  | 0.012               | ND                  | 0.0050 | 6693396  |
| Indeno(1,2,3-cd)pyrene                                                                    | ug/g  | ND                  | 0.0050 | 6693396  | 0.11                | ND                  | 0.12                | 0.065               | 0.0050 | 6693396  |
| 1-Methylnaphthalene                                                                       | ug/g  | ND                  | 0.0050 | 6693396  | 0.0057              | ND                  | ND                  | ND                  | 0.0050 | 6693396  |
| 2-Methylnaphthalene                                                                       | ug/g  | ND                  | 0.0050 | 6693396  | ND                  | ND                  | ND                  | ND                  | 0.0050 | 6693396  |
| Naphthalene                                                                               | ug/g  | ND                  | 0.0050 | 6693396  | ND                  | ND                  | ND                  | ND                  | 0.0050 | 6693396  |
| Phenanthrene                                                                              | ug/g  | ND                  | 0.0050 | 6693396  | 0.14                | ND                  | 0.19                | 0.043               | 0.0050 | 6693396  |
| Pyrene                                                                                    | ug/g  | ND                  | 0.0050 | 6693396  | 0.33                | 0.0057              | 0.45                | 0.12                | 0.0050 | 6693396  |
| <b>Surrogate Recovery (%)</b>                                                             |       |                     |        |          |                     |                     |                     |                     |        |          |
| D10-Anthracene                                                                            | %     | 91                  |        | 6693396  | 95                  | 105                 | 100                 | 81                  |        | 6693396  |
| D14-Terphenyl (FS)                                                                        | %     | 95                  |        | 6693396  | 108                 | 111                 | 110                 | 89                  |        | 6693396  |
| D8-Acenaphthylene                                                                         | %     | 74                  |        | 6693396  | 85                  | 89                  | 89                  | 70                  |        | 6693396  |
| RDL = Reportable Detection Limit<br>QC Batch = Quality Control Batch<br>ND = Not detected |       |                     |        |          |                     |                     |                     |                     |        |          |



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VERITAS

BV Labs Job #: C099980  
Report Date: 2020/04/27

Terrapex Environmental Ltd  
Client Project #: CT2998.05  
Site Location: 15 DENISON AVENUE, TORONTO  
Sampler Initials: NS

### O.REG 153 PAHS (SOIL)

| BV Labs ID                                                                                                                                                                                                                                                                    |       | MMM528              |       |          | MMM528              |       |          | MMM530              |        |          |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------|---------------------|-------|----------|---------------------|-------|----------|---------------------|--------|----------|
| Sampling Date                                                                                                                                                                                                                                                                 |       | 2020/04/22<br>12:10 |       |          | 2020/04/22<br>12:10 |       |          | 2020/04/22<br>12:30 |        |          |
| COC Number                                                                                                                                                                                                                                                                    |       | 769183-01-01        |       |          | 769183-01-01        |       |          | 769183-01-01        |        |          |
|                                                                                                                                                                                                                                                                               | UNITS | BH108-1B            | RDL   | QC Batch | BH108-1B<br>Lab-Dup | RDL   | QC Batch | BH108-5             | RDL    | QC Batch |
| <b>Inorganics</b>                                                                                                                                                                                                                                                             |       |                     |       |          |                     |       |          |                     |        |          |
| Moisture                                                                                                                                                                                                                                                                      | %     | 12                  | 1.0   | 6693323  |                     |       |          | 16                  | 1.0    | 6696791  |
| <b>Calculated Parameters</b>                                                                                                                                                                                                                                                  |       |                     |       |          |                     |       |          |                     |        |          |
| Methylnaphthalene, 2-(1-)                                                                                                                                                                                                                                                     | ug/g  | 0.20                | 0.071 | 6692749  |                     |       |          | ND                  | 0.0071 | 6695754  |
| <b>Polyaromatic Hydrocarbons</b>                                                                                                                                                                                                                                              |       |                     |       |          |                     |       |          |                     |        |          |
| Acenaphthene                                                                                                                                                                                                                                                                  | ug/g  | 0.61                | 0.050 | 6693396  | 0.49                | 0.050 | 6693396  | ND                  | 0.0050 | 6697537  |
| Acenaphthylene                                                                                                                                                                                                                                                                | ug/g  | 1.9                 | 0.050 | 6693396  | 1.5                 | 0.050 | 6693396  | ND                  | 0.0050 | 6697537  |
| Anthracene                                                                                                                                                                                                                                                                    | ug/g  | 5.6                 | 0.050 | 6693396  | 4.3                 | 0.050 | 6693396  | ND                  | 0.0050 | 6697537  |
| Benzo(a)anthracene                                                                                                                                                                                                                                                            | ug/g  | 18                  | 0.050 | 6693396  | 14                  | 0.050 | 6693396  | ND                  | 0.0050 | 6697537  |
| Benzo(a)pyrene                                                                                                                                                                                                                                                                | ug/g  | 14                  | 0.050 | 6693396  | 11                  | 0.050 | 6693396  | ND                  | 0.0050 | 6697537  |
| Benzo(b/j)fluoranthene                                                                                                                                                                                                                                                        | ug/g  | 17                  | 0.050 | 6693396  | 14                  | 0.050 | 6693396  | ND                  | 0.0050 | 6697537  |
| Benzo(g,h,i)perylene                                                                                                                                                                                                                                                          | ug/g  | 7.8                 | 0.050 | 6693396  | 6.4                 | 0.050 | 6693396  | ND                  | 0.0050 | 6697537  |
| Benzo(k)fluoranthene                                                                                                                                                                                                                                                          | ug/g  | 6.4                 | 0.050 | 6693396  | 5.0                 | 0.050 | 6693396  | ND                  | 0.0050 | 6697537  |
| Chrysene                                                                                                                                                                                                                                                                      | ug/g  | 14                  | 0.050 | 6693396  | 11                  | 0.050 | 6693396  | ND                  | 0.0050 | 6697537  |
| Dibenzo(a,h)anthracene                                                                                                                                                                                                                                                        | ug/g  | 2.1                 | 0.050 | 6693396  | 1.7                 | 0.050 | 6693396  | ND                  | 0.0050 | 6697537  |
| Fluoranthene                                                                                                                                                                                                                                                                  | ug/g  | 40                  | 0.050 | 6693396  | 30                  | 0.050 | 6693396  | ND                  | 0.0050 | 6697537  |
| Fluorene                                                                                                                                                                                                                                                                      | ug/g  | 0.87                | 0.050 | 6693396  | 0.72                | 0.050 | 6693396  | ND                  | 0.0050 | 6697537  |
| Indeno(1,2,3-cd)pyrene                                                                                                                                                                                                                                                        | ug/g  | 8.5                 | 0.050 | 6693396  | 7.0                 | 0.050 | 6693396  | ND                  | 0.0050 | 6697537  |
| 1-Methylnaphthalene                                                                                                                                                                                                                                                           | ug/g  | 0.12                | 0.050 | 6693396  | 0.15                | 0.050 | 6693396  | ND                  | 0.0050 | 6697537  |
| 2-Methylnaphthalene                                                                                                                                                                                                                                                           | ug/g  | 0.083               | 0.050 | 6693396  | 0.12                | 0.050 | 6693396  | ND                  | 0.0050 | 6697537  |
| Naphthalene                                                                                                                                                                                                                                                                   | ug/g  | 0.11                | 0.050 | 6693396  | 0.15                | 0.050 | 6693396  | ND                  | 0.0050 | 6697537  |
| Phenanthrene                                                                                                                                                                                                                                                                  | ug/g  | 23                  | 0.050 | 6693396  | 17                  | 0.050 | 6693396  | ND                  | 0.0050 | 6697537  |
| Pyrene                                                                                                                                                                                                                                                                        | ug/g  | 37                  | 0.050 | 6693396  | 28                  | 0.050 | 6693396  | ND                  | 0.0050 | 6697537  |
| <b>Surrogate Recovery (%)</b>                                                                                                                                                                                                                                                 |       |                     |       |          |                     |       |          |                     |        |          |
| D10-Anthracene                                                                                                                                                                                                                                                                | %     | 101                 |       | 6693396  | 97                  |       | 6693396  | 106                 |        | 6697537  |
| D14-Terphenyl (FS)                                                                                                                                                                                                                                                            | %     | 135 (1)             |       | 6693396  | 133 (1)             |       | 6693396  | 95                  |        | 6697537  |
| D8-Acenaphthylene                                                                                                                                                                                                                                                             | %     | 95                  |       | 6693396  | 99                  |       | 6693396  | 95                  |        | 6697537  |
| RDL = Reportable Detection Limit<br>QC Batch = Quality Control Batch<br>Lab-Dup = Laboratory Initiated Duplicate<br>ND = Not detected<br>(1) Surrogate recovery was above the upper control limit due to matrix interference. This may represent a high bias in some results. |       |                     |       |          |                     |       |          |                     |        |          |



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BV Labs Job #: C099980  
Report Date: 2020/04/27

Terrapex Environmental Ltd  
Client Project #: CT2998.05  
Site Location: 15 DENISON AVENUE, TORONTO  
Sampler Initials: NS

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

| BV Labs ID                                                                                                                            |       | MMM510              |       |          | MMM510              |       |          | MMM513              |       |          |
|---------------------------------------------------------------------------------------------------------------------------------------|-------|---------------------|-------|----------|---------------------|-------|----------|---------------------|-------|----------|
| Sampling Date                                                                                                                         |       | 2020/04/22<br>08:55 |       |          | 2020/04/22<br>08:55 |       |          | 2020/04/22<br>09:55 |       |          |
| COC Number                                                                                                                            |       | 769183-01-01        |       |          | 769183-01-01        |       |          | 769183-01-01        |       |          |
|                                                                                                                                       | UNITS | BH101-2A            | RDL   | QC Batch | BH101-2A<br>Lab-Dup | RDL   | QC Batch | BH102-2A            | RDL   | QC Batch |
| <b>Inorganics</b>                                                                                                                     |       |                     |       |          |                     |       |          |                     |       |          |
| Moisture                                                                                                                              | %     | 24                  | 1.0   | 6693281  |                     |       |          | 22                  | 1.0   | 6693281  |
| <b>Calculated Parameters</b>                                                                                                          |       |                     |       |          |                     |       |          |                     |       |          |
| 1,3-Dichloropropene (cis+trans)                                                                                                       | ug/g  | ND                  | 0.050 | 6692602  |                     |       |          | ND                  | 0.050 | 6692602  |
| <b>Volatile Organics</b>                                                                                                              |       |                     |       |          |                     |       |          |                     |       |          |
| Acetone (2-Propanone)                                                                                                                 | ug/g  | ND                  | 0.50  | 6693779  | ND                  | 0.50  | 6693779  | ND                  | 0.50  | 6693779  |
| Benzene                                                                                                                               | ug/g  | ND                  | 0.020 | 6693779  | ND                  | 0.020 | 6693779  | ND                  | 0.020 | 6693779  |
| Bromodichloromethane                                                                                                                  | ug/g  | ND                  | 0.050 | 6693779  | ND                  | 0.050 | 6693779  | ND                  | 0.050 | 6693779  |
| Bromoform                                                                                                                             | ug/g  | ND                  | 0.050 | 6693779  | ND                  | 0.050 | 6693779  | ND                  | 0.050 | 6693779  |
| Bromomethane                                                                                                                          | ug/g  | ND                  | 0.050 | 6693779  | ND                  | 0.050 | 6693779  | ND                  | 0.050 | 6693779  |
| Carbon Tetrachloride                                                                                                                  | ug/g  | ND                  | 0.050 | 6693779  | ND                  | 0.050 | 6693779  | ND                  | 0.050 | 6693779  |
| Chlorobenzene                                                                                                                         | ug/g  | ND                  | 0.050 | 6693779  | ND                  | 0.050 | 6693779  | ND                  | 0.050 | 6693779  |
| Chloroform                                                                                                                            | ug/g  | ND                  | 0.050 | 6693779  | ND                  | 0.050 | 6693779  | 0.059               | 0.050 | 6693779  |
| Dibromochloromethane                                                                                                                  | ug/g  | ND                  | 0.050 | 6693779  | ND                  | 0.050 | 6693779  | ND                  | 0.050 | 6693779  |
| 1,2-Dichlorobenzene                                                                                                                   | ug/g  | ND                  | 0.050 | 6693779  | ND                  | 0.050 | 6693779  | ND                  | 0.050 | 6693779  |
| 1,3-Dichlorobenzene                                                                                                                   | ug/g  | ND                  | 0.050 | 6693779  | ND                  | 0.050 | 6693779  | ND                  | 0.050 | 6693779  |
| 1,4-Dichlorobenzene                                                                                                                   | ug/g  | ND                  | 0.050 | 6693779  | ND                  | 0.050 | 6693779  | ND                  | 0.050 | 6693779  |
| Dichlorodifluoromethane (FREON 12)                                                                                                    | ug/g  | ND                  | 0.050 | 6693779  | ND                  | 0.050 | 6693779  | ND                  | 0.050 | 6693779  |
| 1,1-Dichloroethane                                                                                                                    | ug/g  | ND                  | 0.050 | 6693779  | ND                  | 0.050 | 6693779  | ND                  | 0.050 | 6693779  |
| 1,2-Dichloroethane                                                                                                                    | ug/g  | ND                  | 0.050 | 6693779  | ND                  | 0.050 | 6693779  | ND                  | 0.050 | 6693779  |
| 1,1-Dichloroethylene                                                                                                                  | ug/g  | ND                  | 0.050 | 6693779  | ND                  | 0.050 | 6693779  | ND                  | 0.050 | 6693779  |
| cis-1,2-Dichloroethylene                                                                                                              | ug/g  | ND                  | 0.050 | 6693779  | ND                  | 0.050 | 6693779  | ND                  | 0.050 | 6693779  |
| trans-1,2-Dichloroethylene                                                                                                            | ug/g  | ND                  | 0.050 | 6693779  | ND                  | 0.050 | 6693779  | ND                  | 0.050 | 6693779  |
| 1,2-Dichloropropane                                                                                                                   | ug/g  | ND                  | 0.050 | 6693779  | ND                  | 0.050 | 6693779  | ND                  | 0.050 | 6693779  |
| cis-1,3-Dichloropropene                                                                                                               | ug/g  | ND                  | 0.030 | 6693779  | ND                  | 0.030 | 6693779  | ND                  | 0.030 | 6693779  |
| trans-1,3-Dichloropropene                                                                                                             | ug/g  | ND                  | 0.040 | 6693779  | ND                  | 0.040 | 6693779  | ND                  | 0.040 | 6693779  |
| Ethylbenzene                                                                                                                          | ug/g  | ND                  | 0.020 | 6693779  | ND                  | 0.020 | 6693779  | ND                  | 0.020 | 6693779  |
| Ethylene Dibromide                                                                                                                    | ug/g  | ND                  | 0.050 | 6693779  | ND                  | 0.050 | 6693779  | ND                  | 0.050 | 6693779  |
| Hexane                                                                                                                                | ug/g  | ND                  | 0.050 | 6693779  | ND                  | 0.050 | 6693779  | ND                  | 0.050 | 6693779  |
| Methylene Chloride(Dichloromethane)                                                                                                   | ug/g  | ND                  | 0.050 | 6693779  | ND                  | 0.050 | 6693779  | ND                  | 0.050 | 6693779  |
| Methyl Ethyl Ketone (2-Butanone)                                                                                                      | ug/g  | ND                  | 0.50  | 6693779  | ND                  | 0.50  | 6693779  | ND                  | 0.50  | 6693779  |
| Methyl Isobutyl Ketone                                                                                                                | ug/g  | ND                  | 0.50  | 6693779  | ND                  | 0.50  | 6693779  | ND                  | 0.50  | 6693779  |
| Methyl t-butyl ether (MTBE)                                                                                                           | ug/g  | ND                  | 0.050 | 6693779  | ND                  | 0.050 | 6693779  | ND                  | 0.050 | 6693779  |
| RDL = Reportable Detection Limit<br>QC Batch = Quality Control Batch<br>Lab-Dup = Laboratory Initiated Duplicate<br>ND = Not detected |       |                     |       |          |                     |       |          |                     |       |          |

BUREAU  
VERITASBV Labs Job #: C099980  
Report Date: 2020/04/27Terrapex Environmental Ltd  
Client Project #: CT2998.05  
Site Location: 15 DENISON AVENUE, TORONTO  
Sampler Initials: NS**O.REG 153 VOCs BY HS & F1-F4 (SOIL)**

| BV Labs ID                                                                                                                            |       | MMM510              |       |          | MMM510              |       |          | MMM513              |       |          |
|---------------------------------------------------------------------------------------------------------------------------------------|-------|---------------------|-------|----------|---------------------|-------|----------|---------------------|-------|----------|
| Sampling Date                                                                                                                         |       | 2020/04/22<br>08:55 |       |          | 2020/04/22<br>08:55 |       |          | 2020/04/22<br>09:55 |       |          |
| COC Number                                                                                                                            |       | 769183-01-01        |       |          | 769183-01-01        |       |          | 769183-01-01        |       |          |
|                                                                                                                                       | UNITS | BH101-2A            | RDL   | QC Batch | BH101-2A<br>Lab-Dup | RDL   | QC Batch | BH102-2A            | RDL   | QC Batch |
| Styrene                                                                                                                               | ug/g  | ND                  | 0.050 | 6693779  | ND                  | 0.050 | 6693779  | ND                  | 0.050 | 6693779  |
| 1,1,1,2-Tetrachloroethane                                                                                                             | ug/g  | ND                  | 0.050 | 6693779  | ND                  | 0.050 | 6693779  | ND                  | 0.050 | 6693779  |
| 1,1,2,2-Tetrachloroethane                                                                                                             | ug/g  | ND                  | 0.050 | 6693779  | ND                  | 0.050 | 6693779  | ND                  | 0.050 | 6693779  |
| Tetrachloroethylene                                                                                                                   | ug/g  | 0.27                | 0.050 | 6693779  | 0.25                | 0.050 | 6693779  | ND                  | 0.050 | 6693779  |
| Toluene                                                                                                                               | ug/g  | 0.027               | 0.020 | 6693779  | 0.026               | 0.020 | 6693779  | ND                  | 0.020 | 6693779  |
| 1,1,1-Trichloroethane                                                                                                                 | ug/g  | ND                  | 0.050 | 6693779  | ND                  | 0.050 | 6693779  | ND                  | 0.050 | 6693779  |
| 1,1,2-Trichloroethane                                                                                                                 | ug/g  | ND                  | 0.050 | 6693779  | ND                  | 0.050 | 6693779  | ND                  | 0.050 | 6693779  |
| Trichloroethylene                                                                                                                     | ug/g  | ND                  | 0.050 | 6693779  | ND                  | 0.050 | 6693779  | ND                  | 0.050 | 6693779  |
| Trichlorofluoromethane (FREON 11)                                                                                                     | ug/g  | ND                  | 0.050 | 6693779  | ND                  | 0.050 | 6693779  | ND                  | 0.050 | 6693779  |
| Vinyl Chloride                                                                                                                        | ug/g  | ND                  | 0.020 | 6693779  | ND                  | 0.020 | 6693779  | ND                  | 0.020 | 6693779  |
| p+m-Xylene                                                                                                                            | ug/g  | ND                  | 0.020 | 6693779  | ND                  | 0.020 | 6693779  | ND                  | 0.020 | 6693779  |
| o-Xylene                                                                                                                              | ug/g  | ND                  | 0.020 | 6693779  | ND                  | 0.020 | 6693779  | ND                  | 0.020 | 6693779  |
| Total Xylenes                                                                                                                         | ug/g  | ND                  | 0.020 | 6693779  | ND                  | 0.020 | 6693779  | ND                  | 0.020 | 6693779  |
| F1 (C6-C10)                                                                                                                           | ug/g  | ND                  | 10    | 6693779  | ND                  | 10    | 6693779  | ND                  | 10    | 6693779  |
| F1 (C6-C10) - BTEX                                                                                                                    | ug/g  | ND                  | 10    | 6693779  | ND                  | 10    | 6693779  | ND                  | 10    | 6693779  |
| <b>F2-F4 Hydrocarbons</b>                                                                                                             |       |                     |       |          |                     |       |          |                     |       |          |
| F2 (C10-C16 Hydrocarbons)                                                                                                             | ug/g  | ND                  | 10    | 6693286  |                     |       |          | ND                  | 10    | 6693286  |
| F3 (C16-C34 Hydrocarbons)                                                                                                             | ug/g  | ND                  | 50    | 6693286  |                     |       |          | ND                  | 50    | 6693286  |
| F4 (C34-C50 Hydrocarbons)                                                                                                             | ug/g  | ND                  | 50    | 6693286  |                     |       |          | ND                  | 50    | 6693286  |
| Reached Baseline at C50                                                                                                               | ug/g  | Yes                 |       | 6693286  |                     |       |          | Yes                 |       | 6693286  |
| <b>Surrogate Recovery (%)</b>                                                                                                         |       |                     |       |          |                     |       |          |                     |       |          |
| o-Terphenyl                                                                                                                           | %     | 102                 |       | 6693286  |                     |       |          | 102                 |       | 6693286  |
| 4-Bromofluorobenzene                                                                                                                  | %     | 87                  |       | 6693779  | 86                  |       | 6693779  | 87                  |       | 6693779  |
| D10-o-Xylene                                                                                                                          | %     | 77                  |       | 6693779  | 73                  |       | 6693779  | 80                  |       | 6693779  |
| D4-1,2-Dichloroethane                                                                                                                 | %     | 104                 |       | 6693779  | 106                 |       | 6693779  | 104                 |       | 6693779  |
| D8-Toluene                                                                                                                            | %     | 94                  |       | 6693779  | 94                  |       | 6693779  | 93                  |       | 6693779  |
| RDL = Reportable Detection Limit<br>QC Batch = Quality Control Batch<br>Lab-Dup = Laboratory Initiated Duplicate<br>ND = Not detected |       |                     |       |          |                     |       |          |                     |       |          |





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VERITAS

BV Labs Job #: C099980  
Report Date: 2020/04/27

Terrapex Environmental Ltd  
Client Project #: CT2998.05  
Site Location: 15 DENISON AVENUE, TORONTO  
Sampler Initials: NS

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

| BV Labs ID                          |       | MMM515              | MMM519              |          | MMM522              | MMM525              | MMM526              |       |          |
|-------------------------------------|-------|---------------------|---------------------|----------|---------------------|---------------------|---------------------|-------|----------|
| Sampling Date                       |       | 2020/04/22<br>10:40 | 2020/04/22<br>11:40 |          | 2020/04/22<br>03:05 | 2020/04/22<br>02:30 | 2020/04/22<br>02:30 |       |          |
| COC Number                          |       | 769183-01-01        | 769183-01-01        |          | 769183-01-01        | 769183-01-01        | 769183-01-01        |       |          |
|                                     | UNITS | BH103-2A            | BH105-2             | QC Batch | BH106-2B            | BH107-2             | BH9107-2            | RDL   | QC Batch |
| <b>Inorganics</b>                   |       |                     |                     |          |                     |                     |                     |       |          |
| Moisture                            | %     | 15                  | 13                  | 6693281  | 20                  | 27                  | 31                  | 1.0   | 6693281  |
| <b>Calculated Parameters</b>        |       |                     |                     |          |                     |                     |                     |       |          |
| 1,3-Dichloropropene (cis+trans)     | ug/g  | ND                  | ND                  | 6692602  | ND                  | ND                  | ND                  | 0.050 | 6693097  |
| <b>Volatile Organics</b>            |       |                     |                     |          |                     |                     |                     |       |          |
| Acetone (2-Propanone)               | ug/g  | ND                  | ND                  | 6693779  | ND                  | ND                  | ND                  | 0.50  | 6693779  |
| Benzene                             | ug/g  | ND                  | ND                  | 6693779  | ND                  | ND                  | ND                  | 0.020 | 6693779  |
| Bromodichloromethane                | ug/g  | ND                  | ND                  | 6693779  | ND                  | ND                  | ND                  | 0.050 | 6693779  |
| Bromoform                           | ug/g  | ND                  | ND                  | 6693779  | ND                  | ND                  | ND                  | 0.050 | 6693779  |
| Bromomethane                        | ug/g  | ND                  | ND                  | 6693779  | ND                  | ND                  | ND                  | 0.050 | 6693779  |
| Carbon Tetrachloride                | ug/g  | ND                  | ND                  | 6693779  | ND                  | ND                  | ND                  | 0.050 | 6693779  |
| Chlorobenzene                       | ug/g  | ND                  | ND                  | 6693779  | ND                  | ND                  | ND                  | 0.050 | 6693779  |
| Chloroform                          | ug/g  | ND                  | ND                  | 6693779  | ND                  | ND                  | ND                  | 0.050 | 6693779  |
| Dibromochloromethane                | ug/g  | ND                  | ND                  | 6693779  | ND                  | ND                  | ND                  | 0.050 | 6693779  |
| 1,2-Dichlorobenzene                 | ug/g  | ND                  | ND                  | 6693779  | ND                  | ND                  | ND                  | 0.050 | 6693779  |
| 1,3-Dichlorobenzene                 | ug/g  | ND                  | ND                  | 6693779  | ND                  | ND                  | ND                  | 0.050 | 6693779  |
| 1,4-Dichlorobenzene                 | ug/g  | ND                  | ND                  | 6693779  | ND                  | ND                  | ND                  | 0.050 | 6693779  |
| Dichlorodifluoromethane (FREON 12)  | ug/g  | ND                  | ND                  | 6693779  | ND                  | ND                  | ND                  | 0.050 | 6693779  |
| 1,1-Dichloroethane                  | ug/g  | ND                  | ND                  | 6693779  | ND                  | ND                  | ND                  | 0.050 | 6693779  |
| 1,2-Dichloroethane                  | ug/g  | ND                  | ND                  | 6693779  | ND                  | ND                  | ND                  | 0.050 | 6693779  |
| 1,1-Dichloroethylene                | ug/g  | ND                  | ND                  | 6693779  | ND                  | ND                  | ND                  | 0.050 | 6693779  |
| cis-1,2-Dichloroethylene            | ug/g  | ND                  | ND                  | 6693779  | ND                  | ND                  | ND                  | 0.050 | 6693779  |
| trans-1,2-Dichloroethylene          | ug/g  | ND                  | ND                  | 6693779  | ND                  | ND                  | ND                  | 0.050 | 6693779  |
| 1,2-Dichloropropane                 | ug/g  | ND                  | ND                  | 6693779  | ND                  | ND                  | ND                  | 0.050 | 6693779  |
| cis-1,3-Dichloropropene             | ug/g  | ND                  | ND                  | 6693779  | ND                  | ND                  | ND                  | 0.030 | 6693779  |
| trans-1,3-Dichloropropene           | ug/g  | ND                  | ND                  | 6693779  | ND                  | ND                  | ND                  | 0.040 | 6693779  |
| Ethylbenzene                        | ug/g  | ND                  | ND                  | 6693779  | ND                  | ND                  | ND                  | 0.020 | 6693779  |
| Ethylene Dibromide                  | ug/g  | ND                  | ND                  | 6693779  | ND                  | ND                  | ND                  | 0.050 | 6693779  |
| Hexane                              | ug/g  | ND                  | ND                  | 6693779  | ND                  | ND                  | ND                  | 0.050 | 6693779  |
| Methylene Chloride(Dichloromethane) | ug/g  | ND                  | ND                  | 6693779  | ND                  | ND                  | ND                  | 0.050 | 6693779  |
| Methyl Ethyl Ketone (2-Butanone)    | ug/g  | ND                  | ND                  | 6693779  | ND                  | ND                  | ND                  | 0.50  | 6693779  |
| Methyl Isobutyl Ketone              | ug/g  | ND                  | ND                  | 6693779  | ND                  | ND                  | ND                  | 0.50  | 6693779  |
| Methyl t-butyl ether (MTBE)         | ug/g  | ND                  | ND                  | 6693779  | ND                  | ND                  | ND                  | 0.050 | 6693779  |
| Styrene                             | ug/g  | ND                  | ND                  | 6693779  | ND                  | ND                  | ND                  | 0.050 | 6693779  |
| RDL = Reportable Detection Limit    |       |                     |                     |          |                     |                     |                     |       |          |
| QC Batch = Quality Control Batch    |       |                     |                     |          |                     |                     |                     |       |          |
| ND = Not detected                   |       |                     |                     |          |                     |                     |                     |       |          |



BUREAU  
VERITAS

BV Labs Job #: C099980  
Report Date: 2020/04/27

Terrapex Environmental Ltd  
Client Project #: CT2998.05  
Site Location: 15 DENISON AVENUE, TORONTO  
Sampler Initials: NS

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

| BV Labs ID                                                                                |       | MMM515              | MMM519              |          | MMM522              | MMM525              | MMM526              |       |          |
|-------------------------------------------------------------------------------------------|-------|---------------------|---------------------|----------|---------------------|---------------------|---------------------|-------|----------|
| Sampling Date                                                                             |       | 2020/04/22<br>10:40 | 2020/04/22<br>11:40 |          | 2020/04/22<br>03:05 | 2020/04/22<br>02:30 | 2020/04/22<br>02:30 |       |          |
| COC Number                                                                                |       | 769183-01-01        | 769183-01-01        |          | 769183-01-01        | 769183-01-01        | 769183-01-01        |       |          |
|                                                                                           | UNITS | BH103-2A            | BH105-2             | QC Batch | BH106-2B            | BH107-2             | BH9107-2            | RDL   | QC Batch |
| 1,1,1,2-Tetrachloroethane                                                                 | ug/g  | ND                  | ND                  | 6693779  | ND                  | ND                  | ND                  | 0.050 | 6693779  |
| 1,1,2,2-Tetrachloroethane                                                                 | ug/g  | ND                  | ND                  | 6693779  | ND                  | ND                  | ND                  | 0.050 | 6693779  |
| Tetrachloroethylene                                                                       | ug/g  | ND                  | ND                  | 6693779  | ND                  | ND                  | ND                  | 0.050 | 6693779  |
| Toluene                                                                                   | ug/g  | ND                  | ND                  | 6693779  | ND                  | ND                  | ND                  | 0.020 | 6693779  |
| 1,1,1-Trichloroethane                                                                     | ug/g  | ND                  | ND                  | 6693779  | ND                  | ND                  | ND                  | 0.050 | 6693779  |
| 1,1,2-Trichloroethane                                                                     | ug/g  | ND                  | ND                  | 6693779  | ND                  | ND                  | ND                  | 0.050 | 6693779  |
| Trichloroethylene                                                                         | ug/g  | ND                  | ND                  | 6693779  | ND                  | ND                  | ND                  | 0.050 | 6693779  |
| Trichlorofluoromethane (FREON 11)                                                         | ug/g  | ND                  | ND                  | 6693779  | ND                  | ND                  | ND                  | 0.050 | 6693779  |
| Vinyl Chloride                                                                            | ug/g  | ND                  | ND                  | 6693779  | ND                  | ND                  | ND                  | 0.020 | 6693779  |
| p+m-Xylene                                                                                | ug/g  | ND                  | ND                  | 6693779  | ND                  | ND                  | ND                  | 0.020 | 6693779  |
| o-Xylene                                                                                  | ug/g  | ND                  | ND                  | 6693779  | ND                  | ND                  | ND                  | 0.020 | 6693779  |
| Total Xylenes                                                                             | ug/g  | ND                  | ND                  | 6693779  | ND                  | ND                  | ND                  | 0.020 | 6693779  |
| F1 (C6-C10)                                                                               | ug/g  | ND                  | ND                  | 6693779  | ND                  | ND                  | ND                  | 10    | 6693779  |
| F1 (C6-C10) - BTEX                                                                        | ug/g  | ND                  | ND                  | 6693779  | ND                  | ND                  | ND                  | 10    | 6693779  |
| <b>F2-F4 Hydrocarbons</b>                                                                 |       |                     |                     |          |                     |                     |                     |       |          |
| F2 (C10-C16 Hydrocarbons)                                                                 | ug/g  | ND                  | ND                  | 6693286  | ND                  | ND                  | ND                  | 10    | 6693286  |
| F3 (C16-C34 Hydrocarbons)                                                                 | ug/g  | ND                  | ND                  | 6693286  | ND                  | ND                  | ND                  | 50    | 6693286  |
| F4 (C34-C50 Hydrocarbons)                                                                 | ug/g  | ND                  | ND                  | 6693286  | ND                  | ND                  | ND                  | 50    | 6693286  |
| Reached Baseline at C50                                                                   | ug/g  | Yes                 | Yes                 | 6693286  | Yes                 | Yes                 | Yes                 |       | 6693286  |
| <b>Surrogate Recovery (%)</b>                                                             |       |                     |                     |          |                     |                     |                     |       |          |
| o-Terphenyl                                                                               | %     | 110                 | 101                 | 6693286  | 103                 | 101                 | 102                 |       | 6693286  |
| 4-Bromofluorobenzene                                                                      | %     | 85                  | 87                  | 6693779  | 86                  | 85                  | 85                  |       | 6693779  |
| D10-o-Xylene                                                                              | %     | 77                  | 77                  | 6693779  | 74                  | 76                  | 80                  |       | 6693779  |
| D4-1,2-Dichloroethane                                                                     | %     | 105                 | 104                 | 6693779  | 106                 | 103                 | 105                 |       | 6693779  |
| D8-Toluene                                                                                | %     | 94                  | 93                  | 6693779  | 93                  | 96                  | 95                  |       | 6693779  |
| RDL = Reportable Detection Limit<br>QC Batch = Quality Control Batch<br>ND = Not detected |       |                     |                     |          |                     |                     |                     |       |          |

BUREAU  
VERITASBV Labs Job #: C099980  
Report Date: 2020/04/27Terrapex Environmental Ltd  
Client Project #: CT2998.05  
Site Location: 15 DENISON AVENUE, TORONTO  
Sampler Initials: NS**O.REG 153 VOCs BY HS & F1-F4 (SOIL)**

|                                     |              |                     |            |                 |
|-------------------------------------|--------------|---------------------|------------|-----------------|
| <b>BV Labs ID</b>                   |              | MMM529              |            |                 |
| <b>Sampling Date</b>                |              | 2020/04/22<br>12:20 |            |                 |
| <b>COC Number</b>                   |              | 769183-01-01        |            |                 |
|                                     | <b>UNITS</b> | <b>BH108-3</b>      | <b>RDL</b> | <b>QC Batch</b> |
| <b>Inorganics</b>                   |              |                     |            |                 |
| Moisture                            | %            | 14                  | 1.0        | 6693281         |
| <b>Calculated Parameters</b>        |              |                     |            |                 |
| 1,3-Dichloropropene (cis+trans)     | ug/g         | ND                  | 0.050      | 6693097         |
| <b>Volatile Organics</b>            |              |                     |            |                 |
| Acetone (2-Propanone)               | ug/g         | ND                  | 0.50       | 6693779         |
| Benzene                             | ug/g         | ND                  | 0.020      | 6693779         |
| Bromodichloromethane                | ug/g         | ND                  | 0.050      | 6693779         |
| Bromoform                           | ug/g         | ND                  | 0.050      | 6693779         |
| Bromomethane                        | ug/g         | ND                  | 0.050      | 6693779         |
| Carbon Tetrachloride                | ug/g         | ND                  | 0.050      | 6693779         |
| Chlorobenzene                       | ug/g         | ND                  | 0.050      | 6693779         |
| Chloroform                          | ug/g         | ND                  | 0.050      | 6693779         |
| Dibromochloromethane                | ug/g         | ND                  | 0.050      | 6693779         |
| 1,2-Dichlorobenzene                 | ug/g         | ND                  | 0.050      | 6693779         |
| 1,3-Dichlorobenzene                 | ug/g         | ND                  | 0.050      | 6693779         |
| 1,4-Dichlorobenzene                 | ug/g         | ND                  | 0.050      | 6693779         |
| Dichlorodifluoromethane (FREON 12)  | ug/g         | ND                  | 0.050      | 6693779         |
| 1,1-Dichloroethane                  | ug/g         | ND                  | 0.050      | 6693779         |
| 1,2-Dichloroethane                  | ug/g         | ND                  | 0.050      | 6693779         |
| 1,1-Dichloroethylene                | ug/g         | ND                  | 0.050      | 6693779         |
| cis-1,2-Dichloroethylene            | ug/g         | ND                  | 0.050      | 6693779         |
| trans-1,2-Dichloroethylene          | ug/g         | ND                  | 0.050      | 6693779         |
| 1,2-Dichloropropane                 | ug/g         | ND                  | 0.050      | 6693779         |
| cis-1,3-Dichloropropene             | ug/g         | ND                  | 0.030      | 6693779         |
| trans-1,3-Dichloropropene           | ug/g         | ND                  | 0.040      | 6693779         |
| Ethylbenzene                        | ug/g         | ND                  | 0.020      | 6693779         |
| Ethylene Dibromide                  | ug/g         | ND                  | 0.050      | 6693779         |
| Hexane                              | ug/g         | ND                  | 0.050      | 6693779         |
| Methylene Chloride(Dichloromethane) | ug/g         | ND                  | 0.050      | 6693779         |
| Methyl Ethyl Ketone (2-Butanone)    | ug/g         | ND                  | 0.50       | 6693779         |
| Methyl Isobutyl Ketone              | ug/g         | ND                  | 0.50       | 6693779         |
| Methyl t-butyl ether (MTBE)         | ug/g         | ND                  | 0.050      | 6693779         |
| Styrene                             | ug/g         | ND                  | 0.050      | 6693779         |
| RDL = Reportable Detection Limit    |              |                     |            |                 |
| QC Batch = Quality Control Batch    |              |                     |            |                 |
| ND = Not detected                   |              |                     |            |                 |



BUREAU  
VERITAS

BV Labs Job #: C099980  
Report Date: 2020/04/27

Terrapex Environmental Ltd  
Client Project #: CT2998.05  
Site Location: 15 DENISON AVENUE, TORONTO  
Sampler Initials: NS

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

|                                                                                           |              |                     |            |                 |
|-------------------------------------------------------------------------------------------|--------------|---------------------|------------|-----------------|
| <b>BV Labs ID</b>                                                                         |              | MMM529              |            |                 |
| <b>Sampling Date</b>                                                                      |              | 2020/04/22<br>12:20 |            |                 |
| <b>COC Number</b>                                                                         |              | 769183-01-01        |            |                 |
|                                                                                           | <b>UNITS</b> | <b>BH108-3</b>      | <b>RDL</b> | <b>QC Batch</b> |
| 1,1,1,2-Tetrachloroethane                                                                 | ug/g         | ND                  | 0.050      | 6693779         |
| 1,1,2,2-Tetrachloroethane                                                                 | ug/g         | ND                  | 0.050      | 6693779         |
| Tetrachloroethylene                                                                       | ug/g         | ND                  | 0.050      | 6693779         |
| Toluene                                                                                   | ug/g         | ND                  | 0.020      | 6693779         |
| 1,1,1-Trichloroethane                                                                     | ug/g         | ND                  | 0.050      | 6693779         |
| 1,1,2-Trichloroethane                                                                     | ug/g         | ND                  | 0.050      | 6693779         |
| Trichloroethylene                                                                         | ug/g         | ND                  | 0.050      | 6693779         |
| Trichlorofluoromethane (FREON 11)                                                         | ug/g         | ND                  | 0.050      | 6693779         |
| Vinyl Chloride                                                                            | ug/g         | ND                  | 0.020      | 6693779         |
| p+m-Xylene                                                                                | ug/g         | ND                  | 0.020      | 6693779         |
| o-Xylene                                                                                  | ug/g         | ND                  | 0.020      | 6693779         |
| Total Xylenes                                                                             | ug/g         | ND                  | 0.020      | 6693779         |
| F1 (C6-C10)                                                                               | ug/g         | ND                  | 10         | 6693779         |
| F1 (C6-C10) - BTEX                                                                        | ug/g         | ND                  | 10         | 6693779         |
| <b>F2-F4 Hydrocarbons</b>                                                                 |              |                     |            |                 |
| F2 (C10-C16 Hydrocarbons)                                                                 | ug/g         | ND                  | 10         | 6693286         |
| F3 (C16-C34 Hydrocarbons)                                                                 | ug/g         | ND                  | 50         | 6693286         |
| F4 (C34-C50 Hydrocarbons)                                                                 | ug/g         | ND                  | 50         | 6693286         |
| Reached Baseline at C50                                                                   | ug/g         | Yes                 |            | 6693286         |
| <b>Surrogate Recovery (%)</b>                                                             |              |                     |            |                 |
| o-Terphenyl                                                                               | %            | 102                 |            | 6693286         |
| 4-Bromofluorobenzene                                                                      | %            | 85                  |            | 6693779         |
| D10-o-Xylene                                                                              | %            | 79                  |            | 6693779         |
| D4-1,2-Dichloroethane                                                                     | %            | 106                 |            | 6693779         |
| D8-Toluene                                                                                | %            | 95                  |            | 6693779         |
| RDL = Reportable Detection Limit<br>QC Batch = Quality Control Batch<br>ND = Not detected |              |                     |            |                 |

BUREAU  
VERITASBV Labs Job #: C099980  
Report Date: 2020/04/27Terrapex Environmental Ltd  
Client Project #: CT2998.05  
Site Location: 15 DENISON AVENUE, TORONTO  
Sampler Initials: NS

## O.REG 153 VOCs BY HS (SOIL)

| BV Labs ID                                                                                                                            |       | MMM511              |        |          | MMM511              |        |          | MMM514              |        |          |
|---------------------------------------------------------------------------------------------------------------------------------------|-------|---------------------|--------|----------|---------------------|--------|----------|---------------------|--------|----------|
| Sampling Date                                                                                                                         |       | 2020/04/22<br>09:10 |        |          | 2020/04/22<br>09:10 |        |          | 2020/04/22<br>10:05 |        |          |
| COC Number                                                                                                                            |       | 769183-01-01        |        |          | 769183-01-01        |        |          | 769183-01-01        |        |          |
|                                                                                                                                       | UNITS | BH101-6             | RDL    | QC Batch | BH101-6<br>Lab-Dup  | RDL    | QC Batch | BH102-5             | RDL    | QC Batch |
| <b>Calculated Parameters</b>                                                                                                          |       |                     |        |          |                     |        |          |                     |        |          |
| 1,3-Dichloropropene (cis+trans)                                                                                                       | ug/g  | ND                  | 0.050  | 6695755  |                     |        |          | ND                  | 0.050  | 6695755  |
| <b>Volatile Organics</b>                                                                                                              |       |                     |        |          |                     |        |          |                     |        |          |
| Acetone (2-Propanone)                                                                                                                 | ug/g  | ND                  | 0.49   | 6697702  | ND                  | 0.49   | 6697702  | ND                  | 0.49   | 6697702  |
| Benzene                                                                                                                               | ug/g  | ND                  | 0.0060 | 6697702  | ND                  | 0.0060 | 6697702  | ND                  | 0.0060 | 6697702  |
| Bromodichloromethane                                                                                                                  | ug/g  | ND                  | 0.040  | 6697702  | ND                  | 0.040  | 6697702  | ND                  | 0.040  | 6697702  |
| Bromoform                                                                                                                             | ug/g  | ND                  | 0.040  | 6697702  | ND                  | 0.040  | 6697702  | ND                  | 0.040  | 6697702  |
| Bromomethane                                                                                                                          | ug/g  | ND                  | 0.040  | 6697702  | ND                  | 0.040  | 6697702  | ND                  | 0.040  | 6697702  |
| Carbon Tetrachloride                                                                                                                  | ug/g  | ND                  | 0.040  | 6697702  | ND                  | 0.040  | 6697702  | ND                  | 0.040  | 6697702  |
| Chlorobenzene                                                                                                                         | ug/g  | ND                  | 0.040  | 6697702  | ND                  | 0.040  | 6697702  | ND                  | 0.040  | 6697702  |
| Chloroform                                                                                                                            | ug/g  | ND                  | 0.040  | 6697702  | ND                  | 0.040  | 6697702  | ND                  | 0.040  | 6697702  |
| Dibromochloromethane                                                                                                                  | ug/g  | ND                  | 0.040  | 6697702  | ND                  | 0.040  | 6697702  | ND                  | 0.040  | 6697702  |
| 1,2-Dichlorobenzene                                                                                                                   | ug/g  | ND                  | 0.040  | 6697702  | ND                  | 0.040  | 6697702  | ND                  | 0.040  | 6697702  |
| 1,3-Dichlorobenzene                                                                                                                   | ug/g  | ND                  | 0.040  | 6697702  | ND                  | 0.040  | 6697702  | ND                  | 0.040  | 6697702  |
| 1,4-Dichlorobenzene                                                                                                                   | ug/g  | ND                  | 0.040  | 6697702  | ND                  | 0.040  | 6697702  | ND                  | 0.040  | 6697702  |
| Dichlorodifluoromethane (FREON 12)                                                                                                    | ug/g  | ND                  | 0.040  | 6697702  | ND                  | 0.040  | 6697702  | ND                  | 0.040  | 6697702  |
| 1,1-Dichloroethane                                                                                                                    | ug/g  | ND                  | 0.040  | 6697702  | ND                  | 0.040  | 6697702  | ND                  | 0.040  | 6697702  |
| 1,2-Dichloroethane                                                                                                                    | ug/g  | ND                  | 0.040  | 6697702  | ND                  | 0.040  | 6697702  | ND                  | 0.040  | 6697702  |
| 1,1-Dichloroethylene                                                                                                                  | ug/g  | ND                  | 0.040  | 6697702  | ND                  | 0.040  | 6697702  | ND                  | 0.040  | 6697702  |
| cis-1,2-Dichloroethylene                                                                                                              | ug/g  | ND                  | 0.040  | 6697702  | ND                  | 0.040  | 6697702  | ND                  | 0.040  | 6697702  |
| trans-1,2-Dichloroethylene                                                                                                            | ug/g  | ND                  | 0.040  | 6697702  | ND                  | 0.040  | 6697702  | ND                  | 0.040  | 6697702  |
| 1,2-Dichloropropane                                                                                                                   | ug/g  | ND                  | 0.040  | 6697702  | ND                  | 0.040  | 6697702  | ND                  | 0.040  | 6697702  |
| cis-1,3-Dichloropropene                                                                                                               | ug/g  | ND                  | 0.030  | 6697702  | ND                  | 0.030  | 6697702  | ND                  | 0.030  | 6697702  |
| trans-1,3-Dichloropropene                                                                                                             | ug/g  | ND                  | 0.040  | 6697702  | ND                  | 0.040  | 6697702  | ND                  | 0.040  | 6697702  |
| Ethylbenzene                                                                                                                          | ug/g  | ND                  | 0.010  | 6697702  | ND                  | 0.010  | 6697702  | ND                  | 0.010  | 6697702  |
| Ethylene Dibromide                                                                                                                    | ug/g  | ND                  | 0.040  | 6697702  | ND                  | 0.040  | 6697702  | ND                  | 0.040  | 6697702  |
| Hexane                                                                                                                                | ug/g  | ND                  | 0.040  | 6697702  | ND                  | 0.040  | 6697702  | ND                  | 0.040  | 6697702  |
| Methylene Chloride(Dichloromethane)                                                                                                   | ug/g  | ND                  | 0.049  | 6697702  | ND                  | 0.049  | 6697702  | ND                  | 0.049  | 6697702  |
| Methyl Ethyl Ketone (2-Butanone)                                                                                                      | ug/g  | ND                  | 0.40   | 6697702  | ND                  | 0.40   | 6697702  | ND                  | 0.40   | 6697702  |
| Methyl Isobutyl Ketone                                                                                                                | ug/g  | ND                  | 0.40   | 6697702  | ND                  | 0.40   | 6697702  | ND                  | 0.40   | 6697702  |
| Methyl t-butyl ether (MTBE)                                                                                                           | ug/g  | ND                  | 0.040  | 6697702  | ND                  | 0.040  | 6697702  | ND                  | 0.040  | 6697702  |
| Styrene                                                                                                                               | ug/g  | ND                  | 0.040  | 6697702  | ND                  | 0.040  | 6697702  | ND                  | 0.040  | 6697702  |
| 1,1,1,2-Tetrachloroethane                                                                                                             | ug/g  | ND                  | 0.040  | 6697702  | ND                  | 0.040  | 6697702  | ND                  | 0.040  | 6697702  |
| RDL = Reportable Detection Limit<br>QC Batch = Quality Control Batch<br>Lab-Dup = Laboratory Initiated Duplicate<br>ND = Not detected |       |                     |        |          |                     |        |          |                     |        |          |



BUREAU  
VERITAS

BV Labs Job #: C099980  
Report Date: 2020/04/27

Terrapex Environmental Ltd  
Client Project #: CT2998.05  
Site Location: 15 DENISON AVENUE, TORONTO  
Sampler Initials: NS

### O.REG 153 VOCs BY HS (SOIL)

| BV Labs ID                                                                                                                            |       | MMM511              |       |          | MMM511              |       |          | MMM514              |       |          |
|---------------------------------------------------------------------------------------------------------------------------------------|-------|---------------------|-------|----------|---------------------|-------|----------|---------------------|-------|----------|
| Sampling Date                                                                                                                         |       | 2020/04/22<br>09:10 |       |          | 2020/04/22<br>09:10 |       |          | 2020/04/22<br>10:05 |       |          |
| COC Number                                                                                                                            |       | 769183-01-01        |       |          | 769183-01-01        |       |          | 769183-01-01        |       |          |
|                                                                                                                                       | UNITS | BH101-6             | RDL   | QC Batch | BH101-6<br>Lab-Dup  | RDL   | QC Batch | BH102-5             | RDL   | QC Batch |
| 1,1,2,2-Tetrachloroethane                                                                                                             | ug/g  | ND                  | 0.040 | 6697702  | ND                  | 0.040 | 6697702  | ND                  | 0.040 | 6697702  |
| Tetrachloroethylene                                                                                                                   | ug/g  | ND                  | 0.040 | 6697702  | ND                  | 0.040 | 6697702  | ND                  | 0.040 | 6697702  |
| Toluene                                                                                                                               | ug/g  | ND                  | 0.020 | 6697702  | ND                  | 0.020 | 6697702  | ND                  | 0.020 | 6697702  |
| 1,1,1-Trichloroethane                                                                                                                 | ug/g  | ND                  | 0.040 | 6697702  | ND                  | 0.040 | 6697702  | ND                  | 0.040 | 6697702  |
| 1,1,2-Trichloroethane                                                                                                                 | ug/g  | ND                  | 0.040 | 6697702  | ND                  | 0.040 | 6697702  | ND                  | 0.040 | 6697702  |
| Trichloroethylene                                                                                                                     | ug/g  | ND                  | 0.010 | 6697702  | ND                  | 0.010 | 6697702  | ND                  | 0.010 | 6697702  |
| Trichlorofluoromethane (FREON 11)                                                                                                     | ug/g  | ND                  | 0.040 | 6697702  | ND                  | 0.040 | 6697702  | ND                  | 0.040 | 6697702  |
| Vinyl Chloride                                                                                                                        | ug/g  | ND                  | 0.019 | 6697702  | ND                  | 0.019 | 6697702  | ND                  | 0.019 | 6697702  |
| p+m-Xylene                                                                                                                            | ug/g  | ND                  | 0.020 | 6697702  | ND                  | 0.020 | 6697702  | ND                  | 0.020 | 6697702  |
| o-Xylene                                                                                                                              | ug/g  | ND                  | 0.020 | 6697702  | ND                  | 0.020 | 6697702  | ND                  | 0.020 | 6697702  |
| Total Xylenes                                                                                                                         | ug/g  | ND                  | 0.020 | 6697702  | ND                  | 0.020 | 6697702  | ND                  | 0.020 | 6697702  |
| <b>Surrogate Recovery (%)</b>                                                                                                         |       |                     |       |          |                     |       |          |                     |       |          |
| 4-Bromofluorobenzene                                                                                                                  | %     | 96                  |       | 6697702  | 97                  |       | 6697702  | 97                  |       | 6697702  |
| D10-o-Xylene                                                                                                                          | %     | 102                 |       | 6697702  | 101                 |       | 6697702  | 106                 |       | 6697702  |
| D4-1,2-Dichloroethane                                                                                                                 | %     | 101                 |       | 6697702  | 96                  |       | 6697702  | 97                  |       | 6697702  |
| D8-Toluene                                                                                                                            | %     | 99                  |       | 6697702  | 97                  |       | 6697702  | 100                 |       | 6697702  |
| RDL = Reportable Detection Limit<br>QC Batch = Quality Control Batch<br>Lab-Dup = Laboratory Initiated Duplicate<br>ND = Not detected |       |                     |       |          |                     |       |          |                     |       |          |



BUREAU  
VERITAS

BV Labs Job #: C099980  
Report Date: 2020/04/27

Terrapex Environmental Ltd  
Client Project #: CT2998.05  
Site Location: 15 DENISON AVENUE, TORONTO  
Sampler Initials: NS

### VOLATILE ORGANICS BY GC/MS (SOIL)

| BV Labs ID                                                                                |       | MMM531                   |       |          |
|-------------------------------------------------------------------------------------------|-------|--------------------------|-------|----------|
| Sampling Date                                                                             |       | 2020/04/22<br>03:45      |       |          |
| COC Number                                                                                |       | 769183-01-01             |       |          |
|                                                                                           | UNITS | BH1000-METHANOL<br>BLANK | RDL   | QC Batch |
| <b>Calculated Parameters</b>                                                              |       |                          |       |          |
| 1,3-Dichloropropene (cis+trans)                                                           | ug/g  | ND                       | 0.050 | 6693097  |
| <b>Volatile Organics</b>                                                                  |       |                          |       |          |
| Acetone (2-Propanone)                                                                     | ug/g  | ND                       | 0.50  | 6693779  |
| Benzene                                                                                   | ug/g  | ND                       | 0.020 | 6693779  |
| Bromodichloromethane                                                                      | ug/g  | ND                       | 0.050 | 6693779  |
| Bromoform                                                                                 | ug/g  | ND                       | 0.050 | 6693779  |
| Bromomethane                                                                              | ug/g  | ND                       | 0.050 | 6693779  |
| Carbon Tetrachloride                                                                      | ug/g  | ND                       | 0.050 | 6693779  |
| Chlorobenzene                                                                             | ug/g  | ND                       | 0.050 | 6693779  |
| Chloroform                                                                                | ug/g  | ND                       | 0.050 | 6693779  |
| Dibromochloromethane                                                                      | ug/g  | ND                       | 0.050 | 6693779  |
| 1,2-Dichlorobenzene                                                                       | ug/g  | ND                       | 0.050 | 6693779  |
| 1,3-Dichlorobenzene                                                                       | ug/g  | ND                       | 0.050 | 6693779  |
| 1,4-Dichlorobenzene                                                                       | ug/g  | ND                       | 0.050 | 6693779  |
| Dichlorodifluoromethane (FREON 12)                                                        | ug/g  | ND                       | 0.050 | 6693779  |
| 1,1-Dichloroethane                                                                        | ug/g  | ND                       | 0.050 | 6693779  |
| 1,2-Dichloroethane                                                                        | ug/g  | ND                       | 0.050 | 6693779  |
| 1,1-Dichloroethylene                                                                      | ug/g  | ND                       | 0.050 | 6693779  |
| cis-1,2-Dichloroethylene                                                                  | ug/g  | ND                       | 0.050 | 6693779  |
| trans-1,2-Dichloroethylene                                                                | ug/g  | ND                       | 0.050 | 6693779  |
| 1,2-Dichloropropane                                                                       | ug/g  | ND                       | 0.050 | 6693779  |
| cis-1,3-Dichloropropene                                                                   | ug/g  | ND                       | 0.030 | 6693779  |
| trans-1,3-Dichloropropene                                                                 | ug/g  | ND                       | 0.040 | 6693779  |
| Ethylbenzene                                                                              | ug/g  | ND                       | 0.020 | 6693779  |
| Ethylene Dibromide                                                                        | ug/g  | ND                       | 0.050 | 6693779  |
| Hexane                                                                                    | ug/g  | ND                       | 0.050 | 6693779  |
| Methylene Chloride(Dichloromethane)                                                       | ug/g  | ND                       | 0.050 | 6693779  |
| Methyl Ethyl Ketone (2-Butanone)                                                          | ug/g  | ND                       | 0.50  | 6693779  |
| Methyl Isobutyl Ketone                                                                    | ug/g  | ND                       | 0.50  | 6693779  |
| Methyl t-butyl ether (MTBE)                                                               | ug/g  | ND                       | 0.050 | 6693779  |
| Styrene                                                                                   | ug/g  | ND                       | 0.050 | 6693779  |
| 1,1,1,2-Tetrachloroethane                                                                 | ug/g  | ND                       | 0.050 | 6693779  |
| 1,1,2,2-Tetrachloroethane                                                                 | ug/g  | ND                       | 0.050 | 6693779  |
| RDL = Reportable Detection Limit<br>QC Batch = Quality Control Batch<br>ND = Not detected |       |                          |       |          |





BUREAU  
VERITAS

BV Labs Job #: C099980  
Report Date: 2020/04/27

Terrapex Environmental Ltd  
Client Project #: CT2998.05  
Site Location: 15 DENISON AVENUE, TORONTO  
Sampler Initials: NS

### VOLATILE ORGANICS BY GC/MS (SOIL)

| BV Labs ID                                                                                |       | MMM531                   |       |          |
|-------------------------------------------------------------------------------------------|-------|--------------------------|-------|----------|
| Sampling Date                                                                             |       | 2020/04/22<br>03:45      |       |          |
| COC Number                                                                                |       | 769183-01-01             |       |          |
|                                                                                           | UNITS | BH1000-METHANOL<br>BLANK | RDL   | QC Batch |
| Tetrachloroethylene                                                                       | ug/g  | ND                       | 0.050 | 6693779  |
| Toluene                                                                                   | ug/g  | ND                       | 0.020 | 6693779  |
| 1,1,1-Trichloroethane                                                                     | ug/g  | ND                       | 0.050 | 6693779  |
| 1,1,2-Trichloroethane                                                                     | ug/g  | ND                       | 0.050 | 6693779  |
| Trichloroethylene                                                                         | ug/g  | ND                       | 0.050 | 6693779  |
| Trichlorofluoromethane (FREON 11)                                                         | ug/g  | ND                       | 0.050 | 6693779  |
| Vinyl Chloride                                                                            | ug/g  | ND                       | 0.020 | 6693779  |
| p+m-Xylene                                                                                | ug/g  | ND                       | 0.020 | 6693779  |
| o-Xylene                                                                                  | ug/g  | ND                       | 0.020 | 6693779  |
| Total Xylenes                                                                             | ug/g  | ND                       | 0.020 | 6693779  |
| F1 (C6-C10)                                                                               | ug/g  | ND                       | 10    | 6693779  |
| F1 (C6-C10) - BTEX                                                                        | ug/g  | ND                       | 10    | 6693779  |
| <b>Surrogate Recovery (%)</b>                                                             |       |                          |       |          |
| 4-Bromofluorobenzene                                                                      | %     | 85                       |       | 6693779  |
| D10-o-Xylene                                                                              | %     | 78                       |       | 6693779  |
| D4-1,2-Dichloroethane                                                                     | %     | 105                      |       | 6693779  |
| D8-Toluene                                                                                | %     | 94                       |       | 6693779  |
| RDL = Reportable Detection Limit<br>QC Batch = Quality Control Batch<br>ND = Not detected |       |                          |       |          |

BUREAU  
VERITASBV Labs Job #: C099980  
Report Date: 2020/04/27Terrapex Environmental Ltd  
Client Project #: CT2998.05  
Site Location: 15 DENISON AVENUE, TORONTO  
Sampler Initials: NS

## TEST SUMMARY

BV Labs ID: MMM509  
Sample ID: BH101-1B  
Matrix: SoilCollected: 2020/04/22  
Shipped:  
Received: 2020/04/22

| Test Description                      | Instrumentation | Batch   | Extracted  | Date Analyzed | Analyst            |
|---------------------------------------|-----------------|---------|------------|---------------|--------------------|
| Methylnaphthalene Sum                 | CALC            | 6692749 | N/A        | 2020/04/23    | Automated Statchk  |
| Hot Water Extractable Boron           | ICP             | 6693839 | 2020/04/23 | 2020/04/23    | Archana Patel      |
| Free (WAD) Cyanide                    | TECH            | 6693336 | 2020/04/22 | 2020/04/23    | Gnana Thomas       |
| Conductivity                          | AT              | 6693834 | 2020/04/23 | 2020/04/23    | Surinder Rai       |
| Hexavalent Chromium in Soil by IC     | IC/SPEC         | 6692978 | 2020/04/22 | 2020/04/23    | Rupinder Sihota    |
| Strong Acid Leachable Metals by ICPMS | ICP/MS          | 6693812 | 2020/04/23 | 2020/04/23    | Viviana Canzonieri |
| Moisture                              | BAL             | 6693323 | N/A        | 2020/04/22    | Prgya Panchal      |
| PAH Compounds in Soil by GC/MS (SIM)  | GC/MS           | 6693396 | 2020/04/22 | 2020/04/23    | Jett Wu            |
| pH CaCl2 EXTRACT                      | AT              | 6694131 | 2020/04/23 | 2020/04/23    | Surinder Rai       |
| Sodium Adsorption Ratio (SAR)         | CALC/MET        | 6692970 | N/A        | 2020/04/23    | Automated Statchk  |

BV Labs ID: MMM510  
Sample ID: BH101-2A  
Matrix: SoilCollected: 2020/04/22  
Shipped:  
Received: 2020/04/22

| Test Description                       | Instrumentation | Batch   | Extracted  | Date Analyzed | Analyst           |
|----------------------------------------|-----------------|---------|------------|---------------|-------------------|
| 1,3-Dichloropropene Sum                | CALC            | 6692602 | N/A        | 2020/04/23    | Automated Statchk |
| Petroleum Hydrocarbons F2-F4 in Soil   | GC/FID          | 6693286 | 2020/04/22 | 2020/04/23    | Prabhjot Gulati   |
| Moisture                               | BAL             | 6693281 | N/A        | 2020/04/22    | Prgya Panchal     |
| Volatile Organic Compounds and F1 PHCs | GC/MSFD         | 6693779 | N/A        | 2020/04/23    | Anna Gabrielyan   |

BV Labs ID: MMM510 Dup  
Sample ID: BH101-2A  
Matrix: SoilCollected: 2020/04/22  
Shipped:  
Received: 2020/04/22

| Test Description                       | Instrumentation | Batch   | Extracted | Date Analyzed | Analyst         |
|----------------------------------------|-----------------|---------|-----------|---------------|-----------------|
| Volatile Organic Compounds and F1 PHCs | GC/MSFD         | 6693779 | N/A       | 2020/04/23    | Anna Gabrielyan |

BV Labs ID: MMM511  
Sample ID: BH101-6  
Matrix: SoilCollected: 2020/04/22  
Shipped:  
Received: 2020/04/22

| Test Description                      | Instrumentation | Batch   | Extracted  | Date Analyzed | Analyst            |
|---------------------------------------|-----------------|---------|------------|---------------|--------------------|
| Methylnaphthalene Sum                 | CALC            | 6695754 | N/A        | 2020/04/26    | Automated Statchk  |
| Hot Water Extractable Boron           | ICP             | 6698478 | 2020/04/27 | 2020/04/27    | Archana Patel      |
| 1,3-Dichloropropene Sum               | CALC            | 6695755 | N/A        | 2020/04/26    | Automated Statchk  |
| Free (WAD) Cyanide                    | TECH            | 6696928 | 2020/04/24 | 2020/04/27    | Gnana Thomas       |
| Conductivity                          | AT              | 6698475 | 2020/04/27 | 2020/04/27    | Surinder Rai       |
| Hexavalent Chromium in Soil by IC     | IC/SPEC         | 6696943 | 2020/04/24 | 2020/04/27    | Violeta Porcila    |
| Strong Acid Leachable Metals by ICPMS | ICP/MS          | 6698466 | 2020/04/27 | 2020/04/27    | Viviana Canzonieri |
| Moisture                              | BAL             | 6696791 | N/A        | 2020/04/24    | Min Yang           |
| PAH Compounds in Soil by GC/MS (SIM)  | GC/MS           | 6697537 | 2020/04/25 | 2020/04/25    | Jett Wu            |
| pH CaCl2 EXTRACT                      | AT              | 6698688 | 2020/04/27 | 2020/04/27    | Surinder Rai       |
| Sodium Adsorption Ratio (SAR)         | CALC/MET        | 6695977 | N/A        | 2020/04/27    | Automated Statchk  |



BUREAU  
VERITAS

BV Labs Job #: C099980  
Report Date: 2020/04/27

Terrapex Environmental Ltd  
Client Project #: CT2998.05  
Site Location: 15 DENISON AVENUE, TORONTO  
Sampler Initials: NS

## TEST SUMMARY

**BV Labs ID:** MMM511  
**Sample ID:** BH101-6  
**Matrix:** Soil

**Collected:** 2020/04/22  
**Shipped:**  
**Received:** 2020/04/22

| Test Description                   | Instrumentation | Batch   | Extracted | Date Analyzed | Analyst         |
|------------------------------------|-----------------|---------|-----------|---------------|-----------------|
| Volatile Organic Compounds in Soil | GC/MS           | 6697702 | N/A       | 2020/04/25    | Atena Georgescu |

**BV Labs ID:** MMM511 Dup  
**Sample ID:** BH101-6  
**Matrix:** Soil

**Collected:** 2020/04/22  
**Shipped:**  
**Received:** 2020/04/22

| Test Description                   | Instrumentation | Batch   | Extracted | Date Analyzed | Analyst         |
|------------------------------------|-----------------|---------|-----------|---------------|-----------------|
| Volatile Organic Compounds in Soil | GC/MS           | 6697702 | N/A       | 2020/04/26    | Atena Georgescu |

**BV Labs ID:** MMM512  
**Sample ID:** BH102-1B  
**Matrix:** Soil

**Collected:** 2020/04/22  
**Shipped:**  
**Received:** 2020/04/22

| Test Description                      | Instrumentation | Batch   | Extracted  | Date Analyzed | Analyst            |
|---------------------------------------|-----------------|---------|------------|---------------|--------------------|
| Methylnaphthalene Sum                 | CALC            | 6692749 | N/A        | 2020/04/23    | Automated Statchk  |
| Hot Water Extractable Boron           | ICP             | 6693839 | 2020/04/23 | 2020/04/23    | Archana Patel      |
| Free (WAD) Cyanide                    | TECH            | 6693336 | 2020/04/22 | 2020/04/23    | Gnana Thomas       |
| Conductivity                          | AT              | 6693834 | 2020/04/23 | 2020/04/23    | Surinder Rai       |
| Hexavalent Chromium in Soil by IC     | IC/SPEC         | 6692978 | 2020/04/22 | 2020/04/23    | Rupinder Sihota    |
| Strong Acid Leachable Metals by ICPMS | ICP/MS          | 6693812 | 2020/04/23 | 2020/04/23    | Viviana Canzonieri |
| Moisture                              | BAL             | 6693323 | N/A        | 2020/04/22    | Prgya Panchal      |
| PAH Compounds in Soil by GC/MS (SIM)  | GC/MS           | 6693396 | 2020/04/22 | 2020/04/23    | Jett Wu            |
| pH CaCl2 EXTRACT                      | AT              | 6694131 | 2020/04/23 | 2020/04/23    | Surinder Rai       |
| Sodium Adsorption Ratio (SAR)         | CALC/MET        | 6692970 | N/A        | 2020/04/23    | Automated Statchk  |

**BV Labs ID:** MMM513  
**Sample ID:** BH102-2A  
**Matrix:** Soil

**Collected:** 2020/04/22  
**Shipped:**  
**Received:** 2020/04/22

| Test Description                       | Instrumentation | Batch   | Extracted  | Date Analyzed | Analyst           |
|----------------------------------------|-----------------|---------|------------|---------------|-------------------|
| 1,3-Dichloropropene Sum                | CALC            | 6692602 | N/A        | 2020/04/23    | Automated Statchk |
| Petroleum Hydrocarbons F2-F4 in Soil   | GC/FID          | 6693286 | 2020/04/22 | 2020/04/23    | Prabhjot Gulati   |
| Moisture                               | BAL             | 6693281 | N/A        | 2020/04/22    | Prgya Panchal     |
| Volatile Organic Compounds and F1 PHCs | GC/MSFD         | 6693779 | N/A        | 2020/04/23    | Anna Gabrielyan   |

**BV Labs ID:** MMM514  
**Sample ID:** BH102-5  
**Matrix:** Soil

**Collected:** 2020/04/22  
**Shipped:**  
**Received:** 2020/04/22

| Test Description            | Instrumentation | Batch   | Extracted  | Date Analyzed | Analyst           |
|-----------------------------|-----------------|---------|------------|---------------|-------------------|
| Methylnaphthalene Sum       | CALC            | 6695754 | N/A        | 2020/04/26    | Automated Statchk |
| Hot Water Extractable Boron | ICP             | 6698478 | 2020/04/27 | 2020/04/27    | Archana Patel     |
| 1,3-Dichloropropene Sum     | CALC            | 6695755 | N/A        | 2020/04/26    | Automated Statchk |
| Free (WAD) Cyanide          | TECH            | 6696928 | 2020/04/24 | 2020/04/27    | Gnana Thomas      |
| Conductivity                | AT              | 6698475 | 2020/04/27 | 2020/04/27    | Surinder Rai      |



**BUREAU**  
**VERITAS**

BV Labs Job #: C099980

Report Date: 2020/04/27

Terrapex Environmental Ltd

Client Project #: CT2998.05

Site Location: 15 DENISON AVENUE, TORONTO

Sampler Initials: NS

## TEST SUMMARY

**BV Labs ID:** MMM514

**Sample ID:** BH102-5

**Matrix:** Soil

**Collected:** 2020/04/22

**Shipped:**

**Received:** 2020/04/22

| Test Description                      | Instrumentation | Batch   | Extracted  | Date Analyzed | Analyst            |
|---------------------------------------|-----------------|---------|------------|---------------|--------------------|
| Hexavalent Chromium in Soil by IC     | IC/SPEC         | 6696943 | 2020/04/24 | 2020/04/27    | Violeta Porcila    |
| Strong Acid Leachable Metals by ICPMS | ICP/MS          | 6698466 | 2020/04/27 | 2020/04/27    | Viviana Canzonieri |
| Moisture                              | BAL             | 6696791 | N/A        | 2020/04/24    | Min Yang           |
| PAH Compounds in Soil by GC/MS (SIM)  | GC/MS           | 6697537 | 2020/04/25 | 2020/04/25    | Jett Wu            |
| pH CaCl2 EXTRACT                      | AT              | 6698688 | 2020/04/27 | 2020/04/27    | Surinder Rai       |
| Sodium Adsorption Ratio (SAR)         | CALC/MET        | 6695977 | N/A        | 2020/04/27    | Automated Statchk  |
| Volatile Organic Compounds in Soil    | GC/MS           | 6697702 | N/A        | 2020/04/25    | Atena Georgescu    |

**BV Labs ID:** MMM515

**Sample ID:** BH103-2A

**Matrix:** Soil

**Collected:** 2020/04/22

**Shipped:**

**Received:** 2020/04/22

| Test Description                       | Instrumentation | Batch   | Extracted  | Date Analyzed | Analyst            |
|----------------------------------------|-----------------|---------|------------|---------------|--------------------|
| Methylnaphthalene Sum                  | CALC            | 6692749 | N/A        | 2020/04/23    | Automated Statchk  |
| Hot Water Extractable Boron            | ICP             | 6693839 | 2020/04/23 | 2020/04/23    | Archana Patel      |
| 1,3-Dichloropropene Sum                | CALC            | 6692602 | N/A        | 2020/04/23    | Automated Statchk  |
| Free (WAD) Cyanide                     | TECH            | 6693336 | 2020/04/22 | 2020/04/23    | Gnana Thomas       |
| Conductivity                           | AT              | 6693834 | 2020/04/23 | 2020/04/23    | Surinder Rai       |
| Hexavalent Chromium in Soil by IC      | IC/SPEC         | 6692978 | 2020/04/22 | 2020/04/23    | Rupinder Sihota    |
| Petroleum Hydrocarbons F2-F4 in Soil   | GC/FID          | 6693286 | 2020/04/22 | 2020/04/23    | Prabhjot Gulati    |
| Strong Acid Leachable Metals by ICPMS  | ICP/MS          | 6693812 | 2020/04/23 | 2020/04/23    | Viviana Canzonieri |
| Moisture                               | BAL             | 6693281 | N/A        | 2020/04/22    | Prgya Panchal      |
| PAH Compounds in Soil by GC/MS (SIM)   | GC/MS           | 6693396 | 2020/04/22 | 2020/04/23    | Jett Wu            |
| pH CaCl2 EXTRACT                       | AT              | 6694131 | 2020/04/23 | 2020/04/23    | Surinder Rai       |
| Sodium Adsorption Ratio (SAR)          | CALC/MET        | 6692970 | N/A        | 2020/04/23    | Automated Statchk  |
| Volatile Organic Compounds and F1 PHCs | GC/MSFD         | 6693779 | N/A        | 2020/04/23    | Anna Gabrielyan    |

**BV Labs ID:** MMM517

**Sample ID:** BH105-1B

**Matrix:** Soil

**Collected:** 2020/04/22

**Shipped:**

**Received:** 2020/04/22

| Test Description                      | Instrumentation | Batch   | Extracted  | Date Analyzed | Analyst            |
|---------------------------------------|-----------------|---------|------------|---------------|--------------------|
| Methylnaphthalene Sum                 | CALC            | 6692749 | N/A        | 2020/04/23    | Automated Statchk  |
| Hot Water Extractable Boron           | ICP             | 6693839 | 2020/04/23 | 2020/04/23    | Archana Patel      |
| Free (WAD) Cyanide                    | TECH            | 6693336 | 2020/04/22 | 2020/04/23    | Gnana Thomas       |
| Conductivity                          | AT              | 6693834 | 2020/04/23 | 2020/04/23    | Surinder Rai       |
| Hexavalent Chromium in Soil by IC     | IC/SPEC         | 6692978 | 2020/04/22 | 2020/04/23    | Rupinder Sihota    |
| Strong Acid Leachable Metals by ICPMS | ICP/MS          | 6693812 | 2020/04/23 | 2020/04/23    | Viviana Canzonieri |
| Moisture                              | BAL             | 6693323 | N/A        | 2020/04/22    | Prgya Panchal      |
| PAH Compounds in Soil by GC/MS (SIM)  | GC/MS           | 6693396 | 2020/04/22 | 2020/04/23    | Jett Wu            |
| pH CaCl2 EXTRACT                      | AT              | 6694131 | 2020/04/23 | 2020/04/23    | Surinder Rai       |
| Sodium Adsorption Ratio (SAR)         | CALC/MET        | 6692970 | N/A        | 2020/04/23    | Automated Statchk  |



BUREAU  
VERITAS

BV Labs Job #: C099980  
Report Date: 2020/04/27

Terrapex Environmental Ltd  
Client Project #: CT2998.05  
Site Location: 15 DENISON AVENUE, TORONTO  
Sampler Initials: NS

## TEST SUMMARY

**BV Labs ID:** MMM518  
**Sample ID:** BH9105-1B  
**Matrix:** Soil

**Collected:** 2020/04/22  
**Shipped:**  
**Received:** 2020/04/22

| Test Description                      | Instrumentation | Batch   | Extracted  | Date Analyzed | Analyst            |
|---------------------------------------|-----------------|---------|------------|---------------|--------------------|
| Methylnaphthalene Sum                 | CALC            | 6692749 | N/A        | 2020/04/23    | Automated Statchk  |
| Hot Water Extractable Boron           | ICP             | 6693839 | 2020/04/23 | 2020/04/23    | Archana Patel      |
| Free (WAD) Cyanide                    | TECH            | 6693336 | 2020/04/22 | 2020/04/23    | Gnana Thomas       |
| Conductivity                          | AT              | 6693834 | 2020/04/23 | 2020/04/23    | Surinder Rai       |
| Hexavalent Chromium in Soil by IC     | IC/SPEC         | 6692978 | 2020/04/22 | 2020/04/23    | Rupinder Sihota    |
| Strong Acid Leachable Metals by ICPMS | ICP/MS          | 6693812 | 2020/04/23 | 2020/04/23    | Viviana Canzonieri |
| Moisture                              | BAL             | 6693323 | N/A        | 2020/04/22    | Prgya Panchal      |
| PAH Compounds in Soil by GC/MS (SIM)  | GC/MS           | 6693396 | 2020/04/22 | 2020/04/23    | Jett Wu            |
| pH CaCl2 EXTRACT                      | AT              | 6694131 | 2020/04/23 | 2020/04/23    | Surinder Rai       |
| Sodium Adsorption Ratio (SAR)         | CALC/MET        | 6692970 | N/A        | 2020/04/23    | Automated Statchk  |

**BV Labs ID:** MMM518 Dup  
**Sample ID:** BH9105-1B  
**Matrix:** Soil

**Collected:** 2020/04/22  
**Shipped:**  
**Received:** 2020/04/22

| Test Description   | Instrumentation | Batch   | Extracted  | Date Analyzed | Analyst      |
|--------------------|-----------------|---------|------------|---------------|--------------|
| Free (WAD) Cyanide | TECH            | 6693336 | 2020/04/22 | 2020/04/23    | Gnana Thomas |
| pH CaCl2 EXTRACT   | AT              | 6694131 | 2020/04/23 | 2020/04/23    | Surinder Rai |

**BV Labs ID:** MMM519  
**Sample ID:** BH105-2  
**Matrix:** Soil

**Collected:** 2020/04/22  
**Shipped:**  
**Received:** 2020/04/22

| Test Description                       | Instrumentation | Batch   | Extracted  | Date Analyzed | Analyst           |
|----------------------------------------|-----------------|---------|------------|---------------|-------------------|
| 1,3-Dichloropropene Sum                | CALC            | 6692602 | N/A        | 2020/04/23    | Automated Statchk |
| Petroleum Hydrocarbons F2-F4 in Soil   | GC/FID          | 6693286 | 2020/04/22 | 2020/04/23    | Prabhjot Gulati   |
| Moisture                               | BAL             | 6693281 | N/A        | 2020/04/22    | Prgya Panchal     |
| Volatile Organic Compounds and F1 PHCs | GC/MSFD         | 6693779 | N/A        | 2020/04/23    | Anna Gabrielyan   |

**BV Labs ID:** MMM520  
**Sample ID:** BH105-6  
**Matrix:** Soil

**Collected:** 2020/04/22  
**Shipped:**  
**Received:** 2020/04/22

| Test Description                      | Instrumentation | Batch   | Extracted  | Date Analyzed | Analyst            |
|---------------------------------------|-----------------|---------|------------|---------------|--------------------|
| Hot Water Extractable Boron           | ICP             | 6698478 | 2020/04/27 | 2020/04/27    | Archana Patel      |
| Free (WAD) Cyanide                    | TECH            | 6696928 | 2020/04/24 | 2020/04/27    | Gnana Thomas       |
| Conductivity                          | AT              | 6698475 | 2020/04/27 | 2020/04/27    | Surinder Rai       |
| Hexavalent Chromium in Soil by IC     | IC/SPEC         | 6696943 | 2020/04/24 | 2020/04/27    | Violeta Porcila    |
| Strong Acid Leachable Metals by ICPMS | ICP/MS          | 6698466 | 2020/04/27 | 2020/04/27    | Viviana Canzonieri |
| Moisture                              | BAL             | 6696894 | N/A        | 2020/04/24    | Kruti Jitesh Patel |
| pH CaCl2 EXTRACT                      | AT              | 6698688 | 2020/04/27 | 2020/04/27    | Surinder Rai       |
| Sodium Adsorption Ratio (SAR)         | CALC/MET        | 6695977 | N/A        | 2020/04/27    | Automated Statchk  |



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VERITAS

BV Labs Job #: C099980  
Report Date: 2020/04/27

Terrapex Environmental Ltd  
Client Project #: CT2998.05  
Site Location: 15 DENISON AVENUE, TORONTO  
Sampler Initials: NS

## TEST SUMMARY

**BV Labs ID:** MMM521  
**Sample ID:** BH106-2A  
**Matrix:** Soil

**Collected:** 2020/04/22  
**Shipped:**  
**Received:** 2020/04/22

| Test Description                      | Instrumentation | Batch   | Extracted  | Date Analyzed | Analyst            |
|---------------------------------------|-----------------|---------|------------|---------------|--------------------|
| Methylnaphthalene Sum                 | CALC            | 6692749 | N/A        | 2020/04/23    | Automated Statchk  |
| Hot Water Extractable Boron           | ICP             | 6693839 | 2020/04/23 | 2020/04/23    | Archana Patel      |
| Free (WAD) Cyanide                    | TECH            | 6693336 | 2020/04/22 | 2020/04/23    | Gnana Thomas       |
| Conductivity                          | AT              | 6693834 | 2020/04/23 | 2020/04/23    | Surinder Rai       |
| Hexavalent Chromium in Soil by IC     | IC/SPEC         | 6692978 | 2020/04/22 | 2020/04/23    | Rupinder Sihota    |
| Strong Acid Leachable Metals by ICPMS | ICP/MS          | 6693812 | 2020/04/23 | 2020/04/23    | Viviana Canzonieri |
| Moisture                              | BAL             | 6693323 | N/A        | 2020/04/22    | Prgya Panchal      |
| PAH Compounds in Soil by GC/MS (SIM)  | GC/MS           | 6693396 | 2020/04/22 | 2020/04/23    | Jett Wu            |
| pH CaCl2 EXTRACT                      | AT              | 6694131 | 2020/04/23 | 2020/04/23    | Surinder Rai       |
| Sodium Adsorption Ratio (SAR)         | CALC/MET        | 6692970 | N/A        | 2020/04/23    | Automated Statchk  |

**BV Labs ID:** MMM522  
**Sample ID:** BH106-2B  
**Matrix:** Soil

**Collected:** 2020/04/22  
**Shipped:**  
**Received:** 2020/04/22

| Test Description                       | Instrumentation | Batch   | Extracted  | Date Analyzed | Analyst           |
|----------------------------------------|-----------------|---------|------------|---------------|-------------------|
| 1,3-Dichloropropene Sum                | CALC            | 6693097 | N/A        | 2020/04/23    | Automated Statchk |
| Petroleum Hydrocarbons F2-F4 in Soil   | GC/FID          | 6693286 | 2020/04/22 | 2020/04/23    | Prabhjot Gulati   |
| Moisture                               | BAL             | 6693281 | N/A        | 2020/04/22    | Prgya Panchal     |
| Volatile Organic Compounds and F1 PHCs | GC/MSFD         | 6693779 | N/A        | 2020/04/23    | Anna Gabrielyan   |

**BV Labs ID:** MMM523  
**Sample ID:** BH106-6  
**Matrix:** Soil

**Collected:** 2020/04/22  
**Shipped:**  
**Received:** 2020/04/22

| Test Description                      | Instrumentation | Batch   | Extracted  | Date Analyzed | Analyst            |
|---------------------------------------|-----------------|---------|------------|---------------|--------------------|
| Hot Water Extractable Boron           | ICP             | 6698478 | 2020/04/27 | 2020/04/27    | Archana Patel      |
| Free (WAD) Cyanide                    | TECH            | 6696928 | 2020/04/24 | 2020/04/27    | Gnana Thomas       |
| Conductivity                          | AT              | 6698475 | 2020/04/27 | 2020/04/27    | Surinder Rai       |
| Hexavalent Chromium in Soil by IC     | IC/SPEC         | 6696943 | 2020/04/24 | 2020/04/27    | Violeta Porcila    |
| Strong Acid Leachable Metals by ICPMS | ICP/MS          | 6698466 | 2020/04/27 | 2020/04/27    | Viviana Canzonieri |
| Moisture                              | BAL             | 6696894 | N/A        | 2020/04/24    | Kruti Jitesh Patel |
| pH CaCl2 EXTRACT                      | AT              | 6698688 | 2020/04/27 | 2020/04/27    | Surinder Rai       |
| Sodium Adsorption Ratio (SAR)         | CALC/MET        | 6695977 | N/A        | 2020/04/27    | Automated Statchk  |

**BV Labs ID:** MMM524  
**Sample ID:** BH107-1B  
**Matrix:** Soil

**Collected:** 2020/04/22  
**Shipped:**  
**Received:** 2020/04/22

| Test Description            | Instrumentation | Batch   | Extracted  | Date Analyzed | Analyst           |
|-----------------------------|-----------------|---------|------------|---------------|-------------------|
| Methylnaphthalene Sum       | CALC            | 6692749 | N/A        | 2020/04/23    | Automated Statchk |
| Hot Water Extractable Boron | ICP             | 6693839 | 2020/04/23 | 2020/04/23    | Archana Patel     |
| Free (WAD) Cyanide          | TECH            | 6693336 | 2020/04/22 | 2020/04/23    | Gnana Thomas      |
| Conductivity                | AT              | 6693834 | 2020/04/23 | 2020/04/23    | Surinder Rai      |



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VERITAS

BV Labs Job #: C099980  
Report Date: 2020/04/27

Terrapex Environmental Ltd  
Client Project #: CT2998.05  
Site Location: 15 DENISON AVENUE, TORONTO  
Sampler Initials: NS

## TEST SUMMARY

**BV Labs ID:** MMM524  
**Sample ID:** BH107-1B  
**Matrix:** Soil

**Collected:** 2020/04/22  
**Shipped:**  
**Received:** 2020/04/22

| Test Description                      | Instrumentation | Batch   | Extracted  | Date Analyzed | Analyst            |
|---------------------------------------|-----------------|---------|------------|---------------|--------------------|
| Hexavalent Chromium in Soil by IC     | IC/SPEC         | 6692978 | 2020/04/22 | 2020/04/23    | Rupinder Sihota    |
| Strong Acid Leachable Metals by ICPMS | ICP/MS          | 6693812 | 2020/04/23 | 2020/04/23    | Viviana Canzonieri |
| Moisture                              | BAL             | 6693323 | N/A        | 2020/04/22    | Prgya Panchal      |
| PAH Compounds in Soil by GC/MS (SIM)  | GC/MS           | 6693396 | 2020/04/22 | 2020/04/23    | Jett Wu            |
| pH CaCl2 EXTRACT                      | AT              | 6694131 | 2020/04/23 | 2020/04/23    | Surinder Rai       |
| Sodium Adsorption Ratio (SAR)         | CALC/MET        | 6692970 | N/A        | 2020/04/23    | Automated Statchk  |

**BV Labs ID:** MMM525  
**Sample ID:** BH107-2  
**Matrix:** Soil

**Collected:** 2020/04/22  
**Shipped:**  
**Received:** 2020/04/22

| Test Description                       | Instrumentation | Batch   | Extracted  | Date Analyzed | Analyst           |
|----------------------------------------|-----------------|---------|------------|---------------|-------------------|
| 1,3-Dichloropropene Sum                | CALC            | 6693097 | N/A        | 2020/04/23    | Automated Statchk |
| Petroleum Hydrocarbons F2-F4 in Soil   | GC/FID          | 6693286 | 2020/04/22 | 2020/04/23    | Prabhjot Gulati   |
| Moisture                               | BAL             | 6693281 | N/A        | 2020/04/22    | Prgya Panchal     |
| Volatile Organic Compounds and F1 PHCs | GC/MSFD         | 6693779 | N/A        | 2020/04/23    | Anna Gabrielyan   |

**BV Labs ID:** MMM526  
**Sample ID:** BH9107-2  
**Matrix:** Soil

**Collected:** 2020/04/22  
**Shipped:**  
**Received:** 2020/04/22

| Test Description                       | Instrumentation | Batch   | Extracted  | Date Analyzed | Analyst           |
|----------------------------------------|-----------------|---------|------------|---------------|-------------------|
| 1,3-Dichloropropene Sum                | CALC            | 6693097 | N/A        | 2020/04/23    | Automated Statchk |
| Petroleum Hydrocarbons F2-F4 in Soil   | GC/FID          | 6693286 | 2020/04/22 | 2020/04/23    | Prabhjot Gulati   |
| Moisture                               | BAL             | 6693281 | N/A        | 2020/04/22    | Prgya Panchal     |
| Volatile Organic Compounds and F1 PHCs | GC/MSFD         | 6693779 | N/A        | 2020/04/23    | Anna Gabrielyan   |

**BV Labs ID:** MMM527  
**Sample ID:** BH107-5  
**Matrix:** Soil

**Collected:** 2020/04/22  
**Shipped:**  
**Received:** 2020/04/22

| Test Description                      | Instrumentation | Batch   | Extracted  | Date Analyzed | Analyst            |
|---------------------------------------|-----------------|---------|------------|---------------|--------------------|
| Hot Water Extractable Boron           | ICP             | 6698478 | 2020/04/27 | 2020/04/27    | Archana Patel      |
| Free (WAD) Cyanide                    | TECH            | 6696928 | 2020/04/24 | 2020/04/27    | Gnana Thomas       |
| Conductivity                          | AT              | 6698475 | 2020/04/27 | 2020/04/27    | Surinder Rai       |
| Hexavalent Chromium in Soil by IC     | IC/SPEC         | 6696943 | 2020/04/24 | 2020/04/27    | Violeta Porcila    |
| Strong Acid Leachable Metals by ICPMS | ICP/MS          | 6698466 | 2020/04/27 | 2020/04/27    | Viviana Canzonieri |
| Moisture                              | BAL             | 6696894 | N/A        | 2020/04/24    | Kruti Jitesh Patel |
| pH CaCl2 EXTRACT                      | AT              | 6698688 | 2020/04/27 | 2020/04/27    | Surinder Rai       |
| Sodium Adsorption Ratio (SAR)         | CALC/MET        | 6695977 | N/A        | 2020/04/27    | Automated Statchk  |





BV Labs Job #: C099980  
Report Date: 2020/04/27

Terrapex Environmental Ltd  
Client Project #: CT2998.05  
Site Location: 15 DENISON AVENUE, TORONTO  
Sampler Initials: NS

## TEST SUMMARY

**BV Labs ID:** MMM528  
**Sample ID:** BH108-1B  
**Matrix:** Soil

**Collected:** 2020/04/22  
**Shipped:**  
**Received:** 2020/04/22

| Test Description                      | Instrumentation | Batch   | Extracted  | Date Analyzed | Analyst            |
|---------------------------------------|-----------------|---------|------------|---------------|--------------------|
| Methylnaphthalene Sum                 | CALC            | 6692749 | N/A        | 2020/04/23    | Automated Statchk  |
| Hot Water Extractable Boron           | ICP             | 6693839 | 2020/04/23 | 2020/04/23    | Archana Patel      |
| Free (WAD) Cyanide                    | TECH            | 6693336 | 2020/04/22 | 2020/04/23    | Gnana Thomas       |
| Conductivity                          | AT              | 6693834 | 2020/04/23 | 2020/04/23    | Surinder Rai       |
| Hexavalent Chromium in Soil by IC     | IC/SPEC         | 6692978 | 2020/04/22 | 2020/04/23    | Rupinder Sihota    |
| Strong Acid Leachable Metals by ICPMS | ICP/MS          | 6693812 | 2020/04/23 | 2020/04/23    | Viviana Canzonieri |
| Moisture                              | BAL             | 6693323 | N/A        | 2020/04/22    | Prgya Panchal      |
| PAH Compounds in Soil by GC/MS (SIM)  | GC/MS           | 6693396 | 2020/04/22 | 2020/04/23    | Jett Wu            |
| pH CaCl2 EXTRACT                      | AT              | 6694131 | 2020/04/23 | 2020/04/23    | Surinder Rai       |
| Sodium Adsorption Ratio (SAR)         | CALC/MET        | 6692970 | N/A        | 2020/04/23    | Automated Statchk  |

**BV Labs ID:** MMM528 Dup  
**Sample ID:** BH108-1B  
**Matrix:** Soil

**Collected:** 2020/04/22  
**Shipped:**  
**Received:** 2020/04/22

| Test Description                     | Instrumentation | Batch   | Extracted  | Date Analyzed | Analyst |
|--------------------------------------|-----------------|---------|------------|---------------|---------|
| PAH Compounds in Soil by GC/MS (SIM) | GC/MS           | 6693396 | 2020/04/22 | 2020/04/23    | Jett Wu |

**BV Labs ID:** MMM529  
**Sample ID:** BH108-3  
**Matrix:** Soil

**Collected:** 2020/04/22  
**Shipped:**  
**Received:** 2020/04/22

| Test Description                       | Instrumentation | Batch   | Extracted  | Date Analyzed | Analyst           |
|----------------------------------------|-----------------|---------|------------|---------------|-------------------|
| 1,3-Dichloropropene Sum                | CALC            | 6693097 | N/A        | 2020/04/23    | Automated Statchk |
| Petroleum Hydrocarbons F2-F4 in Soil   | GC/FID          | 6693286 | 2020/04/22 | 2020/04/23    | Prabhjot Gulati   |
| Moisture                               | BAL             | 6693281 | N/A        | 2020/04/22    | Prgya Panchal     |
| Volatile Organic Compounds and F1 PHCs | GC/MSFD         | 6693779 | N/A        | 2020/04/23    | Anna Gabrielyan   |

**BV Labs ID:** MMM530  
**Sample ID:** BH108-5  
**Matrix:** Soil

**Collected:** 2020/04/22  
**Shipped:**  
**Received:** 2020/04/22

| Test Description                      | Instrumentation | Batch   | Extracted  | Date Analyzed | Analyst            |
|---------------------------------------|-----------------|---------|------------|---------------|--------------------|
| Methylnaphthalene Sum                 | CALC            | 6695754 | N/A        | 2020/04/26    | Automated Statchk  |
| Hot Water Extractable Boron           | ICP             | 6698478 | 2020/04/27 | 2020/04/27    | Archana Patel      |
| Free (WAD) Cyanide                    | TECH            | 6696928 | 2020/04/24 | 2020/04/27    | Gnana Thomas       |
| Conductivity                          | AT              | 6698475 | 2020/04/27 | 2020/04/27    | Surinder Rai       |
| Hexavalent Chromium in Soil by IC     | IC/SPEC         | 6696943 | 2020/04/24 | 2020/04/27    | Violeta Porcila    |
| Strong Acid Leachable Metals by ICPMS | ICP/MS          | 6698466 | 2020/04/27 | 2020/04/27    | Viviana Canzonieri |
| Moisture                              | BAL             | 6696791 | N/A        | 2020/04/24    | Min Yang           |
| PAH Compounds in Soil by GC/MS (SIM)  | GC/MS           | 6697537 | 2020/04/25 | 2020/04/25    | Jett Wu            |
| pH CaCl2 EXTRACT                      | AT              | 6698688 | 2020/04/27 | 2020/04/27    | Surinder Rai       |
| Sodium Adsorption Ratio (SAR)         | CALC/MET        | 6695977 | N/A        | 2020/04/27    | Automated Statchk  |





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BV Labs Job #: C099980  
Report Date: 2020/04/27

Terrapex Environmental Ltd  
Client Project #: CT2998.05  
Site Location: 15 DENISON AVENUE, TORONTO  
Sampler Initials: NS

## TEST SUMMARY

**BV Labs ID:** MMM531  
**Sample ID:** BH1000-METHANOL BLANK  
**Matrix:** Soil

**Collected:** 2020/04/22  
**Shipped:**  
**Received:** 2020/04/22

| Test Description                       | Instrumentation | Batch   | Extracted | Date Analyzed | Analyst           |
|----------------------------------------|-----------------|---------|-----------|---------------|-------------------|
| 1,3-Dichloropropene Sum                | CALC            | 6693097 | N/A       | 2020/04/23    | Automated Statchk |
| Volatile Organic Compounds and F1 PHCs | GC/MSFD         | 6693779 | N/A       | 2020/04/23    | Anna Gabrielyan   |



### GENERAL COMMENTS

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

|           |       |
|-----------|-------|
| Package 1 | 6.3°C |
|-----------|-------|

Revised report (2020/04/24): Samples BH101-6, BH102-5, BH105-6, BH106-6, BH107-5, BH108-5 have been analyzed for Reg. 153 Metals and Inorganics; samples BH101-6, BH102-5 have been analyzed for Reg. 153 VOCs and samples BH101-6, BH102-5 and BH108-5 have been analyzed for Reg. 153 PAHs as requested.

Sample MMM523 [BH106-6] : SAR Analysis: Sodium was not detected. To report SAR the sodium detection limit was used in the calculation. This value represents a maximum ratio.

Sample MMM528 [BH108-1B] : PAH analysis: Due to the sample matrix, sample required dilution. Detection limits were adjusted accordingly.

**Results relate only to the items tested.**

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BV Labs Job #: C099980

Report Date: 2020/04/27

## QUALITY ASSURANCE REPORT

Terrapex Environmental Ltd

Client Project #: CT2998.05

Site Location: 15 DENISON AVENUE, TORONTO

Sampler Initials: NS

| QC Batch | Parameter                 | Date       | Matrix Spike |           | SPIKED BLANK |           | Method Blank   |       | RPD       |           |
|----------|---------------------------|------------|--------------|-----------|--------------|-----------|----------------|-------|-----------|-----------|
|          |                           |            | % Recovery   | QC Limits | % Recovery   | QC Limits | Value          | UNITS | Value (%) | QC Limits |
| 6693286  | o-Terphenyl               | 2020/04/23 | 103          | 60 - 130  | 106          | 60 - 130  | 96             | %     |           |           |
| 6693396  | D10-Anthracene            | 2020/04/23 | 101          | 50 - 130  | 103          | 50 - 130  | 113            | %     |           |           |
| 6693396  | D14-Terphenyl (FS)        | 2020/04/23 | 136 (2)      | 50 - 130  | 106          | 50 - 130  | 112            | %     |           |           |
| 6693396  | D8-Acenaphthylene         | 2020/04/23 | 103          | 50 - 130  | 89           | 50 - 130  | 91             | %     |           |           |
| 6693779  | 4-Bromofluorobenzene      | 2020/04/23 | 99           | 60 - 140  | 99           | 60 - 140  | 87             | %     |           |           |
| 6693779  | D10-o-Xylene              | 2020/04/23 | 92           | 60 - 130  | 84           | 60 - 130  | 83             | %     |           |           |
| 6693779  | D4-1,2-Dichloroethane     | 2020/04/23 | 101          | 60 - 140  | 101          | 60 - 140  | 103            | %     |           |           |
| 6693779  | D8-Toluene                | 2020/04/23 | 102          | 60 - 140  | 102          | 60 - 140  | 96             | %     |           |           |
| 6697537  | D10-Anthracene            | 2020/04/25 | 104          | 50 - 130  | 112          | 50 - 130  | 103            | %     |           |           |
| 6697537  | D14-Terphenyl (FS)        | 2020/04/25 | 98           | 50 - 130  | 99           | 50 - 130  | 92             | %     |           |           |
| 6697537  | D8-Acenaphthylene         | 2020/04/25 | 97           | 50 - 130  | 100          | 50 - 130  | 96             | %     |           |           |
| 6697702  | 4-Bromofluorobenzene      | 2020/04/25 | 97           | 60 - 140  | 98           | 60 - 140  | 98             | %     |           |           |
| 6697702  | D10-o-Xylene              | 2020/04/25 | 106          | 60 - 130  | 95           | 60 - 130  | 99             | %     |           |           |
| 6697702  | D4-1,2-Dichloroethane     | 2020/04/25 | 108          | 60 - 140  | 103          | 60 - 140  | 100            | %     |           |           |
| 6697702  | D8-Toluene                | 2020/04/25 | 101          | 60 - 140  | 100          | 60 - 140  | 97             | %     |           |           |
| 6692978  | Chromium (VI)             | 2020/04/23 | 11 (1)       | 70 - 130  | 90           | 80 - 120  | ND, RDL=0.18   | ug/g  | NC        | 35        |
| 6693281  | Moisture                  | 2020/04/22 |              |           |              |           |                |       | 2.1       | 20        |
| 6693286  | F2 (C10-C16 Hydrocarbons) | 2020/04/23 | 105          | 50 - 130  | 106          | 80 - 120  | ND, RDL=10     | ug/g  | NC        | 30        |
| 6693286  | F3 (C16-C34 Hydrocarbons) | 2020/04/23 | 112          | 50 - 130  | 113          | 80 - 120  | ND, RDL=50     | ug/g  | NC        | 30        |
| 6693286  | F4 (C34-C50 Hydrocarbons) | 2020/04/23 | 114          | 50 - 130  | 114          | 80 - 120  | ND, RDL=50     | ug/g  | NC        | 30        |
| 6693323  | Moisture                  | 2020/04/22 |              |           |              |           |                |       | 1.2       | 20        |
| 6693336  | WAD Cyanide (Free)        | 2020/04/23 | 99           | 75 - 125  | 100          | 80 - 120  | ND, RDL=0.01   | ug/g  | NC        | 35        |
| 6693396  | 1-Methylnaphthalene       | 2020/04/23 | 107          | 50 - 130  | 105          | 50 - 130  | ND, RDL=0.0050 | ug/g  | 20        | 40        |
| 6693396  | 2-Methylnaphthalene       | 2020/04/23 | 108          | 50 - 130  | 98           | 50 - 130  | ND, RDL=0.0050 | ug/g  | 37        | 40        |
| 6693396  | Acenaphthene              | 2020/04/23 | NC           | 50 - 130  | 98           | 50 - 130  | ND, RDL=0.0050 | ug/g  | 21        | 40        |
| 6693396  | Acenaphthylene            | 2020/04/23 | NC           | 50 - 130  | 91           | 50 - 130  | ND, RDL=0.0050 | ug/g  | 24        | 40        |
| 6693396  | Anthracene                | 2020/04/23 | NC           | 50 - 130  | 105          | 50 - 130  | ND, RDL=0.0050 | ug/g  | 25        | 40        |
| 6693396  | Benzo(a)anthracene        | 2020/04/23 | NC           | 50 - 130  | 108          | 50 - 130  | ND, RDL=0.0050 | ug/g  | 24        | 40        |
| 6693396  | Benzo(a)pyrene            | 2020/04/23 | NC           | 50 - 130  | 105          | 50 - 130  | ND, RDL=0.0050 | ug/g  | 22        | 40        |
| 6693396  | Benzo(b,j)fluoranthene    | 2020/04/23 | NC           | 50 - 130  | 109          | 50 - 130  | ND, RDL=0.0050 | ug/g  | 22        | 40        |
| 6693396  | Benzo(g,h,i)perylene      | 2020/04/23 | NC           | 50 - 130  | 111          | 50 - 130  | ND, RDL=0.0050 | ug/g  | 19        | 40        |

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BV Labs Job #: C099980

Report Date: 2020/04/27

## QUALITY ASSURANCE REPORT(CONT'D)

Terrapex Environmental Ltd

Client Project #: CT2998.05

Site Location: 15 DENISON AVENUE, TORONTO

Sampler Initials: NS

| QC Batch | Parameter                 | Date       | Matrix Spike |           | SPIKED BLANK |           | Method Blank   |       | RPD       |           |
|----------|---------------------------|------------|--------------|-----------|--------------|-----------|----------------|-------|-----------|-----------|
|          |                           |            | % Recovery   | QC Limits | % Recovery   | QC Limits | Value          | UNITS | Value (%) | QC Limits |
| 6693396  | Benzo(k)fluoranthene      | 2020/04/23 | NC           | 50 - 130  | 103          | 50 - 130  | ND, RDL=0.0050 | ug/g  | 23        | 40        |
| 6693396  | Chrysene                  | 2020/04/23 | NC           | 50 - 130  | 110          | 50 - 130  | ND, RDL=0.0050 | ug/g  | 22        | 40        |
| 6693396  | Dibenzo(a,h)anthracene    | 2020/04/23 | NC           | 50 - 130  | 96           | 50 - 130  | ND, RDL=0.0050 | ug/g  | 22        | 40        |
| 6693396  | Fluoranthene              | 2020/04/23 | NC           | 50 - 130  | 117          | 50 - 130  | ND, RDL=0.0050 | ug/g  | 28        | 40        |
| 6693396  | Fluorene                  | 2020/04/23 | NC           | 50 - 130  | 102          | 50 - 130  | ND, RDL=0.0050 | ug/g  | 19        | 40        |
| 6693396  | Indeno(1,2,3-cd)pyrene    | 2020/04/23 | NC           | 50 - 130  | 114          | 50 - 130  | ND, RDL=0.0050 | ug/g  | 20        | 40        |
| 6693396  | Naphthalene               | 2020/04/23 | 86           | 50 - 130  | 79           | 50 - 130  | ND, RDL=0.0050 | ug/g  | 29        | 40        |
| 6693396  | Phenanthrene              | 2020/04/23 | NC           | 50 - 130  | 101          | 50 - 130  | ND, RDL=0.0050 | ug/g  | 26        | 40        |
| 6693396  | Pyrene                    | 2020/04/23 | NC           | 50 - 130  | 117          | 50 - 130  | ND, RDL=0.0050 | ug/g  | 29        | 40        |
| 6693779  | 1,1,1,2-Tetrachloroethane | 2020/04/23 | 99           | 60 - 140  | 91           | 60 - 130  | ND, RDL=0.050  | ug/g  | NC        | 50        |
| 6693779  | 1,1,1-Trichloroethane     | 2020/04/23 | 97           | 60 - 140  | 90           | 60 - 130  | ND, RDL=0.050  | ug/g  | NC        | 50        |
| 6693779  | 1,1,2,2-Tetrachloroethane | 2020/04/23 | 97           | 60 - 140  | 90           | 60 - 130  | ND, RDL=0.050  | ug/g  | NC        | 50        |
| 6693779  | 1,1,2-Trichloroethane     | 2020/04/23 | 98           | 60 - 140  | 90           | 60 - 130  | ND, RDL=0.050  | ug/g  | NC        | 50        |
| 6693779  | 1,1-Dichloroethane        | 2020/04/23 | 98           | 60 - 140  | 91           | 60 - 130  | ND, RDL=0.050  | ug/g  | NC        | 50        |
| 6693779  | 1,1-Dichloroethylene      | 2020/04/23 | 104          | 60 - 140  | 97           | 60 - 130  | ND, RDL=0.050  | ug/g  | NC        | 50        |
| 6693779  | 1,2-Dichlorobenzene       | 2020/04/23 | 89           | 60 - 140  | 84           | 60 - 130  | ND, RDL=0.050  | ug/g  | NC        | 50        |
| 6693779  | 1,2-Dichloroethane        | 2020/04/23 | 96           | 60 - 140  | 90           | 60 - 130  | ND, RDL=0.050  | ug/g  | NC        | 50        |
| 6693779  | 1,2-Dichloropropane       | 2020/04/23 | 87           | 60 - 140  | 81           | 60 - 130  | ND, RDL=0.050  | ug/g  | NC        | 50        |
| 6693779  | 1,3-Dichlorobenzene       | 2020/04/23 | 89           | 60 - 140  | 84           | 60 - 130  | ND, RDL=0.050  | ug/g  | NC        | 50        |
| 6693779  | 1,4-Dichlorobenzene       | 2020/04/23 | 95           | 60 - 140  | 90           | 60 - 130  | ND, RDL=0.050  | ug/g  | NC        | 50        |
| 6693779  | Acetone (2-Propanone)     | 2020/04/23 | 92           | 60 - 140  | 88           | 60 - 140  | ND, RDL=0.50   | ug/g  | NC        | 50        |
| 6693779  | Benzene                   | 2020/04/23 | 96           | 60 - 140  | 89           | 60 - 130  | ND, RDL=0.020  | ug/g  | NC        | 50        |
| 6693779  | Bromodichloromethane      | 2020/04/23 | 91           | 60 - 140  | 84           | 60 - 130  | ND, RDL=0.050  | ug/g  | NC        | 50        |
| 6693779  | Bromoform                 | 2020/04/23 | 91           | 60 - 140  | 84           | 60 - 130  | ND, RDL=0.050  | ug/g  | NC        | 50        |
| 6693779  | Bromomethane              | 2020/04/23 | 106          | 60 - 140  | 98           | 60 - 140  | ND, RDL=0.050  | ug/g  | NC        | 50        |
| 6693779  | Carbon Tetrachloride      | 2020/04/23 | 95           | 60 - 140  | 88           | 60 - 130  | ND, RDL=0.050  | ug/g  | NC        | 50        |
| 6693779  | Chlorobenzene             | 2020/04/23 | 90           | 60 - 140  | 83           | 60 - 130  | ND, RDL=0.050  | ug/g  | NC        | 50        |
| 6693779  | Chloroform                | 2020/04/23 | 92           | 60 - 140  | 85           | 60 - 130  | ND, RDL=0.050  | ug/g  | NC        | 50        |
| 6693779  | cis-1,2-Dichloroethylene  | 2020/04/23 | 93           | 60 - 140  | 86           | 60 - 130  | ND, RDL=0.050  | ug/g  | NC        | 50        |
| 6693779  | cis-1,3-Dichloropropene   | 2020/04/23 | 82           | 60 - 140  | 76           | 60 - 130  | ND, RDL=0.030  | ug/g  | NC        | 50        |
| 6693779  | Dibromochloromethane      | 2020/04/23 | 93           | 60 - 140  | 86           | 60 - 130  | ND, RDL=0.050  | ug/g  | NC        | 50        |

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VERITAS

BV Labs Job #: C099980

Report Date: 2020/04/27

## QUALITY ASSURANCE REPORT(CONT'D)

Terrapex Environmental Ltd

Client Project #: CT2998.05

Site Location: 15 DENISON AVENUE, TORONTO

Sampler Initials: NS

| QC Batch | Parameter                           | Date       | Matrix Spike |           | SPIKED BLANK |           | Method Blank  |       | RPD       |           |
|----------|-------------------------------------|------------|--------------|-----------|--------------|-----------|---------------|-------|-----------|-----------|
|          |                                     |            | % Recovery   | QC Limits | % Recovery   | QC Limits | Value         | UNITS | Value (%) | QC Limits |
| 6693779  | Dichlorodifluoromethane (FREON 12)  | 2020/04/23 | 108          | 60 - 140  | 101          | 60 - 140  | ND, RDL=0.050 | ug/g  | NC        | 50        |
| 6693779  | Ethylbenzene                        | 2020/04/23 | 82           | 60 - 140  | 76           | 60 - 130  | ND, RDL=0.020 | ug/g  | NC        | 50        |
| 6693779  | Ethylene Dibromide                  | 2020/04/23 | 92           | 60 - 140  | 85           | 60 - 130  | ND, RDL=0.050 | ug/g  | NC        | 50        |
| 6693779  | F1 (C6-C10) - BTEX                  | 2020/04/23 |              |           |              |           | ND, RDL=10    | ug/g  | NC        | 30        |
| 6693779  | F1 (C6-C10)                         | 2020/04/23 | 101          | 60 - 140  | 99           | 80 - 120  | ND, RDL=10    | ug/g  | NC        | 30        |
| 6693779  | Hexane                              | 2020/04/23 | 100          | 60 - 140  | 93           | 60 - 130  | ND, RDL=0.050 | ug/g  | NC        | 50        |
| 6693779  | Methyl Ethyl Ketone (2-Butanone)    | 2020/04/23 | 88           | 60 - 140  | 84           | 60 - 140  | ND, RDL=0.50  | ug/g  | NC        | 50        |
| 6693779  | Methyl Isobutyl Ketone              | 2020/04/23 | 78           | 60 - 140  | 73           | 60 - 130  | ND, RDL=0.50  | ug/g  | NC        | 50        |
| 6693779  | Methyl t-butyl ether (MTBE)         | 2020/04/23 | 78           | 60 - 140  | 73           | 60 - 130  | ND, RDL=0.050 | ug/g  | NC        | 50        |
| 6693779  | Methylene Chloride(Dichloromethane) | 2020/04/23 | 96           | 60 - 140  | 89           | 60 - 130  | ND, RDL=0.050 | ug/g  | NC        | 50        |
| 6693779  | o-Xylene                            | 2020/04/23 | 84           | 60 - 140  | 78           | 60 - 130  | ND, RDL=0.020 | ug/g  | NC        | 50        |
| 6693779  | p+m-Xylene                          | 2020/04/23 | 84           | 60 - 140  | 78           | 60 - 130  | ND, RDL=0.020 | ug/g  | NC        | 50        |
| 6693779  | Styrene                             | 2020/04/23 | 79           | 60 - 140  | 73           | 60 - 130  | ND, RDL=0.050 | ug/g  | NC        | 50        |
| 6693779  | Tetrachloroethylene                 | 2020/04/23 | 97           | 60 - 140  | 91           | 60 - 130  | ND, RDL=0.050 | ug/g  | 7.5       | 50        |
| 6693779  | Toluene                             | 2020/04/23 | 90           | 60 - 140  | 83           | 60 - 130  | ND, RDL=0.020 | ug/g  | 4.1       | 50        |
| 6693779  | Total Xylenes                       | 2020/04/23 |              |           |              |           | ND, RDL=0.020 | ug/g  | NC        | 50        |
| 6693779  | trans-1,2-Dichloroethylene          | 2020/04/23 | 101          | 60 - 140  | 94           | 60 - 130  | ND, RDL=0.050 | ug/g  | NC        | 50        |
| 6693779  | trans-1,3-Dichloropropene           | 2020/04/23 | 86           | 60 - 140  | 80           | 60 - 130  | ND, RDL=0.040 | ug/g  | NC        | 50        |
| 6693779  | Trichloroethylene                   | 2020/04/23 | 101          | 60 - 140  | 93           | 60 - 130  | ND, RDL=0.050 | ug/g  | NC        | 50        |
| 6693779  | Trichlorofluoromethane (FREON 11)   | 2020/04/23 | 109          | 60 - 140  | 101          | 60 - 130  | ND, RDL=0.050 | ug/g  | NC        | 50        |
| 6693779  | Vinyl Chloride                      | 2020/04/23 | 112          | 60 - 140  | 104          | 60 - 130  | ND, RDL=0.020 | ug/g  | NC        | 50        |
| 6693812  | Acid Extractable Antimony (Sb)      | 2020/04/23 | 110          | 75 - 125  | 110          | 80 - 120  | ND, RDL=0.20  | ug/g  | NC        | 30        |
| 6693812  | Acid Extractable Arsenic (As)       | 2020/04/23 | 106          | 75 - 125  | 103          | 80 - 120  | ND, RDL=1.0   | ug/g  | 9.2       | 30        |
| 6693812  | Acid Extractable Barium (Ba)        | 2020/04/23 | 103          | 75 - 125  | 105          | 80 - 120  | ND, RDL=0.50  | ug/g  | 2.0       | 30        |
| 6693812  | Acid Extractable Beryllium (Be)     | 2020/04/23 | 106          | 75 - 125  | 104          | 80 - 120  | ND, RDL=0.20  | ug/g  | NC        | 30        |
| 6693812  | Acid Extractable Boron (B)          | 2020/04/23 | 104          | 75 - 125  | 102          | 80 - 120  | ND, RDL=5.0   | ug/g  | NC        | 30        |
| 6693812  | Acid Extractable Cadmium (Cd)       | 2020/04/23 | 108          | 75 - 125  | 105          | 80 - 120  | ND, RDL=0.10  | ug/g  | NC        | 30        |
| 6693812  | Acid Extractable Chromium (Cr)      | 2020/04/23 | 103          | 75 - 125  | 103          | 80 - 120  | ND, RDL=1.0   | ug/g  | 4.4       | 30        |
| 6693812  | Acid Extractable Cobalt (Co)        | 2020/04/23 | 102          | 75 - 125  | 101          | 80 - 120  | ND, RDL=0.10  | ug/g  | 10        | 30        |
| 6693812  | Acid Extractable Copper (Cu)        | 2020/04/23 | 101          | 75 - 125  | 104          | 80 - 120  | ND, RDL=0.50  | ug/g  | 6.1       | 30        |
| 6693812  | Acid Extractable Lead (Pb)          | 2020/04/23 | 104          | 75 - 125  | 106          | 80 - 120  | ND, RDL=1.0   | ug/g  | 7.1       | 30        |

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BV Labs Job #: C099980

Report Date: 2020/04/27

## QUALITY ASSURANCE REPORT(CONT'D)

Terrapex Environmental Ltd

Client Project #: CT2998.05

Site Location: 15 DENISON AVENUE, TORONTO

Sampler Initials: NS

| QC Batch | Parameter                         | Date       | Matrix Spike |           | SPIKED BLANK |           | Method Blank   |       | RPD       |           |
|----------|-----------------------------------|------------|--------------|-----------|--------------|-----------|----------------|-------|-----------|-----------|
|          |                                   |            | % Recovery   | QC Limits | % Recovery   | QC Limits | Value          | UNITS | Value (%) | QC Limits |
| 6693812  | Acid Extractable Mercury (Hg)     | 2020/04/23 | 94           | 75 - 125  | 98           | 80 - 120  | ND, RDL=0.050  | ug/g  | NC        | 30        |
| 6693812  | Acid Extractable Molybdenum (Mo)  | 2020/04/23 | 108          | 75 - 125  | 103          | 80 - 120  | ND, RDL=0.50   | ug/g  | NC        | 30        |
| 6693812  | Acid Extractable Nickel (Ni)      | 2020/04/23 | 97           | 75 - 125  | 101          | 80 - 120  | ND, RDL=0.50   | ug/g  | 4.6       | 30        |
| 6693812  | Acid Extractable Selenium (Se)    | 2020/04/23 | 105          | 75 - 125  | 105          | 80 - 120  | ND, RDL=0.50   | ug/g  | NC        | 30        |
| 6693812  | Acid Extractable Silver (Ag)      | 2020/04/23 | 104          | 75 - 125  | 105          | 80 - 120  | ND, RDL=0.20   | ug/g  | NC        | 30        |
| 6693812  | Acid Extractable Thallium (Tl)    | 2020/04/23 | 102          | 75 - 125  | 105          | 80 - 120  | ND, RDL=0.050  | ug/g  | NC        | 30        |
| 6693812  | Acid Extractable Uranium (U)      | 2020/04/23 | 102          | 75 - 125  | 103          | 80 - 120  | ND, RDL=0.050  | ug/g  | 13        | 30        |
| 6693812  | Acid Extractable Vanadium (V)     | 2020/04/23 | 112          | 75 - 125  | 102          | 80 - 120  | ND, RDL=5.0    | ug/g  | 16        | 30        |
| 6693812  | Acid Extractable Zinc (Zn)        | 2020/04/23 | 103          | 75 - 125  | 101          | 80 - 120  | ND, RDL=5.0    | ug/g  | 8.1       | 30        |
| 6693834  | Conductivity                      | 2020/04/23 |              |           | 104          | 90 - 110  | ND, RDL=0.002  | mS/cm | 0.65      | 10        |
| 6693839  | Hot Water Ext. Boron (B)          | 2020/04/23 | 101          | 75 - 125  | 101          | 75 - 125  | ND, RDL=0.050  | ug/g  | 4.6       | 40        |
| 6694131  | Available (CaCl <sub>2</sub> ) pH | 2020/04/23 |              |           | 100          | 97 - 103  |                |       | 0.27      | N/A       |
| 6696791  | Moisture                          | 2020/04/24 |              |           |              |           |                |       | 2.8       | 20        |
| 6696894  | Moisture                          | 2020/04/24 |              |           |              |           |                |       | 9.3       | 20        |
| 6696928  | WAD Cyanide (Free)                | 2020/04/27 | 90           | 75 - 125  | 96           | 80 - 120  | ND, RDL=0.01   | ug/g  | 0.60      | 35        |
| 6696943  | Chromium (VI)                     | 2020/04/27 | 45 (1)       | 70 - 130  | 88           | 80 - 120  | ND, RDL=0.18   | ug/g  | NC        | 35        |
| 6697537  | 1-Methylnaphthalene               | 2020/04/25 | 106          | 50 - 130  | 114          | 50 - 130  | ND, RDL=0.0050 | ug/g  | NC        | 40        |
| 6697537  | 2-Methylnaphthalene               | 2020/04/25 | 99           | 50 - 130  | 107          | 50 - 130  | ND, RDL=0.0050 | ug/g  | NC        | 40        |
| 6697537  | Acenaphthene                      | 2020/04/25 | 97           | 50 - 130  | 100          | 50 - 130  | ND, RDL=0.0050 | ug/g  | NC        | 40        |
| 6697537  | Acenaphthylene                    | 2020/04/25 | 97           | 50 - 130  | 102          | 50 - 130  | ND, RDL=0.0050 | ug/g  | NC        | 40        |
| 6697537  | Anthracene                        | 2020/04/25 | 100          | 50 - 130  | 102          | 50 - 130  | ND, RDL=0.0050 | ug/g  | NC        | 40        |
| 6697537  | Benzo(a)anthracene                | 2020/04/25 | 110          | 50 - 130  | 115          | 50 - 130  | ND, RDL=0.0050 | ug/g  | NC        | 40        |
| 6697537  | Benzo(a)pyrene                    | 2020/04/25 | 96           | 50 - 130  | 99           | 50 - 130  | ND, RDL=0.0050 | ug/g  | NC        | 40        |
| 6697537  | Benzo(b,j)fluoranthene            | 2020/04/25 | 92           | 50 - 130  | 100          | 50 - 130  | ND, RDL=0.0050 | ug/g  | NC        | 40        |
| 6697537  | Benzo(g,h,i)perylene              | 2020/04/25 | 83           | 50 - 130  | 85           | 50 - 130  | ND, RDL=0.0050 | ug/g  | NC        | 40        |
| 6697537  | Benzo(k)fluoranthene              | 2020/04/25 | 93           | 50 - 130  | 99           | 50 - 130  | ND, RDL=0.0050 | ug/g  | NC        | 40        |
| 6697537  | Chrysene                          | 2020/04/25 | 100          | 50 - 130  | 107          | 50 - 130  | ND, RDL=0.0050 | ug/g  | NC        | 40        |
| 6697537  | Dibenzo(a,h)anthracene            | 2020/04/25 | 91           | 50 - 130  | 87           | 50 - 130  | ND, RDL=0.0050 | ug/g  | NC        | 40        |
| 6697537  | Fluoranthene                      | 2020/04/25 | 105          | 50 - 130  | 111          | 50 - 130  | ND, RDL=0.0050 | ug/g  | NC        | 40        |
| 6697537  | Fluorene                          | 2020/04/25 | 99           | 50 - 130  | 100          | 50 - 130  | ND, RDL=0.0050 | ug/g  | NC        | 40        |
| 6697537  | Indeno(1,2,3-cd)pyrene            | 2020/04/25 | 91           | 50 - 130  | 91           | 50 - 130  | ND, RDL=0.0050 | ug/g  | NC        | 40        |



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BV Labs Job #: C099980

Report Date: 2020/04/27

## QUALITY ASSURANCE REPORT(CONT'D)

Terrapex Environmental Ltd

Client Project #: CT2998.05

Site Location: 15 DENISON AVENUE, TORONTO

Sampler Initials: NS

| QC Batch | Parameter                          | Date       | Matrix Spike |           | SPIKED BLANK |           | Method Blank   |       | RPD       |           |
|----------|------------------------------------|------------|--------------|-----------|--------------|-----------|----------------|-------|-----------|-----------|
|          |                                    |            | % Recovery   | QC Limits | % Recovery   | QC Limits | Value          | UNITS | Value (%) | QC Limits |
| 6697537  | Naphthalene                        | 2020/04/25 | 86           | 50 - 130  | 95           | 50 - 130  | ND, RDL=0.0050 | ug/g  | NC        | 40        |
| 6697537  | Phenanthrene                       | 2020/04/25 | 94           | 50 - 130  | 104          | 50 - 130  | ND, RDL=0.0050 | ug/g  | NC        | 40        |
| 6697537  | Pyrene                             | 2020/04/25 | 101          | 50 - 130  | 108          | 50 - 130  | ND, RDL=0.0050 | ug/g  | NC        | 40        |
| 6697702  | 1,1,1,2-Tetrachloroethane          | 2020/04/26 | 113          | 60 - 140  | 100          | 60 - 130  | ND, RDL=0.040  | ug/g  | NC        | 50        |
| 6697702  | 1,1,1-Trichloroethane              | 2020/04/26 | 113          | 60 - 140  | 97           | 60 - 130  | ND, RDL=0.040  | ug/g  | NC        | 50        |
| 6697702  | 1,1,2,2-Tetrachloroethane          | 2020/04/26 | 108          | 60 - 140  | 103          | 60 - 130  | ND, RDL=0.040  | ug/g  | NC        | 50        |
| 6697702  | 1,1,2-Trichloroethane              | 2020/04/26 | 107          | 60 - 140  | 98           | 60 - 130  | ND, RDL=0.040  | ug/g  | NC        | 50        |
| 6697702  | 1,1-Dichloroethane                 | 2020/04/26 | 119          | 60 - 140  | 103          | 60 - 130  | ND, RDL=0.040  | ug/g  | NC        | 50        |
| 6697702  | 1,1-Dichloroethylene               | 2020/04/26 | 125          | 60 - 140  | 107          | 60 - 130  | ND, RDL=0.040  | ug/g  | NC        | 50        |
| 6697702  | 1,2-Dichlorobenzene                | 2020/04/26 | 97           | 60 - 140  | 88           | 60 - 130  | ND, RDL=0.040  | ug/g  | NC        | 50        |
| 6697702  | 1,2-Dichloroethane                 | 2020/04/26 | 112          | 60 - 140  | 102          | 60 - 130  | ND, RDL=0.040  | ug/g  | NC        | 50        |
| 6697702  | 1,2-Dichloropropane                | 2020/04/26 | 115          | 60 - 140  | 101          | 60 - 130  | ND, RDL=0.040  | ug/g  | NC        | 50        |
| 6697702  | 1,3-Dichlorobenzene                | 2020/04/26 | 101          | 60 - 140  | 92           | 60 - 130  | ND, RDL=0.040  | ug/g  | NC        | 50        |
| 6697702  | 1,4-Dichlorobenzene                | 2020/04/26 | 105          | 60 - 140  | 96           | 60 - 130  | ND, RDL=0.040  | ug/g  | NC        | 50        |
| 6697702  | Acetone (2-Propanone)              | 2020/04/26 | 114          | 60 - 140  | 107          | 60 - 140  | ND, RDL=0.49   | ug/g  | NC        | 50        |
| 6697702  | Benzene                            | 2020/04/26 | 119          | 60 - 140  | 103          | 60 - 130  | ND, RDL=0.0060 | ug/g  | NC        | 50        |
| 6697702  | Bromodichloromethane               | 2020/04/26 | 110          | 60 - 140  | 99           | 60 - 130  | ND, RDL=0.040  | ug/g  | NC        | 50        |
| 6697702  | Bromoform                          | 2020/04/26 | 101          | 60 - 140  | 97           | 60 - 130  | ND, RDL=0.040  | ug/g  | NC        | 50        |
| 6697702  | Bromomethane                       | 2020/04/26 | 119          | 60 - 140  | 105          | 60 - 140  | ND, RDL=0.040  | ug/g  | NC        | 50        |
| 6697702  | Carbon Tetrachloride               | 2020/04/26 | 111          | 60 - 140  | 97           | 60 - 130  | ND, RDL=0.040  | ug/g  | NC        | 50        |
| 6697702  | Chlorobenzene                      | 2020/04/26 | 104          | 60 - 140  | 93           | 60 - 130  | ND, RDL=0.040  | ug/g  | NC        | 50        |
| 6697702  | Chloroform                         | 2020/04/26 | 108          | 60 - 140  | 94           | 60 - 130  | ND, RDL=0.040  | ug/g  | NC        | 50        |
| 6697702  | cis-1,2-Dichloroethylene           | 2020/04/26 | 111          | 60 - 140  | 98           | 60 - 130  | ND, RDL=0.040  | ug/g  | NC        | 50        |
| 6697702  | cis-1,3-Dichloropropene            | 2020/04/26 | 110          | 60 - 140  | 103          | 60 - 130  | ND, RDL=0.030  | ug/g  | NC        | 50        |
| 6697702  | Dibromochloromethane               | 2020/04/26 | 108          | 60 - 140  | 99           | 60 - 130  | ND, RDL=0.040  | ug/g  | NC        | 50        |
| 6697702  | Dichlorodifluoromethane (FREON 12) | 2020/04/26 | 110          | 60 - 140  | 95           | 60 - 140  | ND, RDL=0.040  | ug/g  | NC        | 50        |
| 6697702  | Ethylbenzene                       | 2020/04/26 | 106          | 60 - 140  | 92           | 60 - 130  | ND, RDL=0.010  | ug/g  | NC        | 50        |
| 6697702  | Ethylene Dibromide                 | 2020/04/26 | 109          | 60 - 140  | 101          | 60 - 130  | ND, RDL=0.040  | ug/g  | NC        | 50        |
| 6697702  | Hexane                             | 2020/04/26 | 133          | 60 - 140  | 111          | 60 - 130  | ND, RDL=0.040  | ug/g  | NC        | 50        |
| 6697702  | Methyl Ethyl Ketone (2-Butanone)   | 2020/04/26 | 119          | 60 - 140  | 114          | 60 - 140  | ND, RDL=0.40   | ug/g  | NC        | 50        |
| 6697702  | Methyl Isobutyl Ketone             | 2020/04/26 | 118          | 60 - 140  | 115          | 60 - 130  | ND, RDL=0.40   | ug/g  | NC        | 50        |

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BV Labs Job #: C099980

Report Date: 2020/04/27

## QUALITY ASSURANCE REPORT(CONT'D)

Terrapex Environmental Ltd

Client Project #: CT2998.05

Site Location: 15 DENISON AVENUE, TORONTO

Sampler Initials: NS

| QC Batch | Parameter                           | Date       | Matrix Spike |           | SPIKED BLANK |           | Method Blank  |       | RPD       |           |
|----------|-------------------------------------|------------|--------------|-----------|--------------|-----------|---------------|-------|-----------|-----------|
|          |                                     |            | % Recovery   | QC Limits | % Recovery   | QC Limits | Value         | UNITS | Value (%) | QC Limits |
| 6697702  | Methyl t-butyl ether (MTBE)         | 2020/04/26 | 105          | 60 - 140  | 93           | 60 - 130  | ND, RDL=0.040 | ug/g  | NC        | 50        |
| 6697702  | Methylene Chloride(Dichloromethane) | 2020/04/26 | 110          | 60 - 140  | 96           | 60 - 130  | ND, RDL=0.049 | ug/g  | NC        | 50        |
| 6697702  | o-Xylene                            | 2020/04/26 | 106          | 60 - 140  | 94           | 60 - 130  | ND, RDL=0.020 | ug/g  | NC        | 50        |
| 6697702  | p+m-Xylene                          | 2020/04/26 | 112          | 60 - 140  | 99           | 60 - 130  | ND, RDL=0.020 | ug/g  | NC        | 50        |
| 6697702  | Styrene                             | 2020/04/26 | 106          | 60 - 140  | 95           | 60 - 130  | ND, RDL=0.040 | ug/g  | NC        | 50        |
| 6697702  | Tetrachloroethylene                 | 2020/04/26 | 100          | 60 - 140  | 88           | 60 - 130  | ND, RDL=0.040 | ug/g  | NC        | 50        |
| 6697702  | Toluene                             | 2020/04/26 | 106          | 60 - 140  | 92           | 60 - 130  | ND, RDL=0.020 | ug/g  | NC        | 50        |
| 6697702  | Total Xylenes                       | 2020/04/26 |              |           |              |           | ND, RDL=0.020 | ug/g  | NC        | 50        |
| 6697702  | trans-1,2-Dichloroethylene          | 2020/04/26 | 118          | 60 - 140  | 103          | 60 - 130  | ND, RDL=0.040 | ug/g  | NC        | 50        |
| 6697702  | trans-1,3-Dichloropropene           | 2020/04/26 | 110          | 60 - 140  | 108          | 60 - 130  | ND, RDL=0.040 | ug/g  | NC        | 50        |
| 6697702  | Trichloroethylene                   | 2020/04/26 | 113          | 60 - 140  | 99           | 60 - 130  | ND, RDL=0.010 | ug/g  | NC        | 50        |
| 6697702  | Trichlorofluoromethane (FREON 11)   | 2020/04/26 | 115          | 60 - 140  | 98           | 60 - 130  | ND, RDL=0.040 | ug/g  | NC        | 50        |
| 6697702  | Vinyl Chloride                      | 2020/04/26 | 138          | 60 - 140  | 118          | 60 - 130  | ND, RDL=0.019 | ug/g  | NC        | 50        |
| 6698466  | Acid Extractable Antimony (Sb)      | 2020/04/27 | 89           | 75 - 125  | 103          | 80 - 120  | ND, RDL=0.20  | ug/g  | 7.8       | 30        |
| 6698466  | Acid Extractable Arsenic (As)       | 2020/04/27 | 102          | 75 - 125  | 104          | 80 - 120  | ND, RDL=1.0   | ug/g  | 4.7       | 30        |
| 6698466  | Acid Extractable Barium (Ba)        | 2020/04/27 | NC           | 75 - 125  | 101          | 80 - 120  | ND, RDL=0.50  | ug/g  | 1.2       | 30        |
| 6698466  | Acid Extractable Beryllium (Be)     | 2020/04/27 | 104          | 75 - 125  | 104          | 80 - 120  | ND, RDL=0.20  | ug/g  | 1.5       | 30        |
| 6698466  | Acid Extractable Boron (B)          | 2020/04/27 | 93           | 75 - 125  | 103          | 80 - 120  | ND, RDL=5.0   | ug/g  | 4.7       | 30        |
| 6698466  | Acid Extractable Cadmium (Cd)       | 2020/04/27 | 102          | 75 - 125  | 100          | 80 - 120  | ND, RDL=0.10  | ug/g  | 13        | 30        |
| 6698466  | Acid Extractable Chromium (Cr)      | 2020/04/27 | 102          | 75 - 125  | 99           | 80 - 120  | ND, RDL=1.0   | ug/g  | 1.6       | 30        |
| 6698466  | Acid Extractable Cobalt (Co)        | 2020/04/27 | 99           | 75 - 125  | 99           | 80 - 120  | ND, RDL=0.10  | ug/g  | 2.1       | 30        |
| 6698466  | Acid Extractable Copper (Cu)        | 2020/04/27 | NC           | 75 - 125  | 100          | 80 - 120  | ND, RDL=0.50  | ug/g  | 13        | 30        |
| 6698466  | Acid Extractable Lead (Pb)          | 2020/04/27 | 98           | 75 - 125  | 101          | 80 - 120  | ND, RDL=1.0   | ug/g  | 0.56      | 30        |
| 6698466  | Acid Extractable Mercury (Hg)       | 2020/04/27 | 93           | 75 - 125  | 95           | 80 - 120  | ND, RDL=0.050 | ug/g  | NC        | 30        |
| 6698466  | Acid Extractable Molybdenum (Mo)    | 2020/04/27 | 99           | 75 - 125  | 101          | 80 - 120  | ND, RDL=0.50  | ug/g  | 3.1       | 30        |
| 6698466  | Acid Extractable Nickel (Ni)        | 2020/04/27 | 97           | 75 - 125  | 97           | 80 - 120  | ND, RDL=0.50  | ug/g  | 1.5       | 30        |
| 6698466  | Acid Extractable Selenium (Se)      | 2020/04/27 | 102          | 75 - 125  | 103          | 80 - 120  | ND, RDL=0.50  | ug/g  | NC        | 30        |
| 6698466  | Acid Extractable Silver (Ag)        | 2020/04/27 | 104          | 75 - 125  | 102          | 80 - 120  | ND, RDL=0.20  | ug/g  | NC        | 30        |
| 6698466  | Acid Extractable Thallium (Tl)      | 2020/04/27 | 99           | 75 - 125  | 100          | 80 - 120  | ND, RDL=0.050 | ug/g  | 4.9       | 30        |
| 6698466  | Acid Extractable Uranium (U)        | 2020/04/27 | 102          | 75 - 125  | 101          | 80 - 120  | ND, RDL=0.050 | ug/g  | 1.3       | 30        |
| 6698466  | Acid Extractable Vanadium (V)       | 2020/04/27 | NC           | 75 - 125  | 102          | 80 - 120  | ND, RDL=5.0   | ug/g  | 4.6       | 30        |





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BV Labs Job #: C099980

Report Date: 2020/04/27

## QUALITY ASSURANCE REPORT(CONT'D)

Terrapex Environmental Ltd

Client Project #: CT2998.05

Site Location: 15 DENISON AVENUE, TORONTO

Sampler Initials: NS

| QC Batch | Parameter                  | Date       | Matrix Spike |           | SPIKED BLANK |           | Method Blank  |       | RPD       |           |
|----------|----------------------------|------------|--------------|-----------|--------------|-----------|---------------|-------|-----------|-----------|
|          |                            |            | % Recovery   | QC Limits | % Recovery   | QC Limits | Value         | UNITS | Value (%) | QC Limits |
| 6698466  | Acid Extractable Zinc (Zn) | 2020/04/27 | NC           | 75 - 125  | 101          | 80 - 120  | ND, RDL=5.0   | ug/g  | 1.0       | 30        |
| 6698475  | Conductivity               | 2020/04/27 |              |           | 103          | 90 - 110  | ND, RDL=0.002 | mS/cm | 0         | 10        |
| 6698478  | Hot Water Ext. Boron (B)   | 2020/04/27 | 104          | 75 - 125  | 107          | 75 - 125  | ND, RDL=0.050 | ug/g  | 4.0       | 40        |
| 6698688  | Available (CaCl2) pH       | 2020/04/27 |              |           | 101          | 97 - 103  |               |       | 2.2       | N/A       |

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  $\leq 2 \times$  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 sample was reanalyzed with the same results.

(2) Surrogate recovery was above the upper control limit due to matrix interference. This may represent a high bias in some results.



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BV Labs Job #: C099980  
Report Date: 2020/04/27

Terrapex Environmental Ltd  
Client Project #: CT2998.05  
Site Location: 15 DENISON AVENUE, TORONTO  
Sampler Initials: NS

### VALIDATION SIGNATURE PAGE

The analytical data and all QC contained in this report were reviewed and validated by the following individual(s).

Anastassia Hamanov, Scientific Specialist

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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.



| INVOICE TO:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                                  |              | *REPORT TO:                                                                                                                                                                                                                                                                                             |        |                                                        | PROJECT INFORMATION:                          |      |                  | Laboratory Use Only:                                                                                                  |                               |                     |                                                |  |  |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------|--------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------|--------------------------------------------------------|-----------------------------------------------|------|------------------|-----------------------------------------------------------------------------------------------------------------------|-------------------------------|---------------------|------------------------------------------------|--|--|
| Company Name: #34561 Terrapex Environmental Ltd                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                  |              | Company Name: Mike Deans                                                                                                                                                                                                                                                                                |        |                                                        | Quotation #: <del>10000</del> CITY OF TORONTO |      |                  | BV Labs Job #:                                                                                                        |                               |                     |                                                |  |  |
| Attention: Accounts Payable                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                                  |              | Attention: Mike Deans                                                                                                                                                                                                                                                                                   |        |                                                        | P.O. #:                                       |      |                  | Bottle Order #:                                                                                                       |                               |                     |                                                |  |  |
| Address: 90 Scarsdale Rd                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                                  |              | Address:                                                                                                                                                                                                                                                                                                |        |                                                        | Project: CT2998.05                            |      |                  | COC #:                                                                                                                |                               |                     |                                                |  |  |
| Toronto ON M3B 2R7                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                                  |              |                                                                                                                                                                                                                                                                                                         |        |                                                        | Project Name:                                 |      |                  | Project Manager:                                                                                                      |                               |                     |                                                |  |  |
| (416) 245-0011 Fax:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                                  |              | Tel:                                                                                                                                                                                                                                                                                                    |        |                                                        | Site # 15 Denison Avenue, Toronto             |      |                  | Ema Gitej                                                                                                             |                               |                     |                                                |  |  |
| Email: accounts.payable@terrapex.com                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                                  |              | Email: m.deans@terrapex.com                                                                                                                                                                                                                                                                             |        |                                                        | Sampled By: NS                                |      |                  | C#769183-01-01                                                                                                        |                               |                     |                                                |  |  |
| <b>MOE REGULATED DRINKING WATER OR WATER INTENDED FOR HUMAN CONSUMPTION MUST BE SUBMITTED ON THE BV LABS DRINKING WATER CHAIN OF CUSTODY</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                  |              |                                                                                                                                                                                                                                                                                                         |        |                                                        |                                               |      |                  |                                                                                                                       |                               |                     |                                                |  |  |
| <b>Regulation 153 (2011)</b><br><input type="checkbox"/> Table 1 <input checked="" type="checkbox"/> Res/Park <input type="checkbox"/> Medium/Fine<br><input type="checkbox"/> Table 2 <input type="checkbox"/> Ind/Comm <input checked="" type="checkbox"/> Coarse<br><input checked="" type="checkbox"/> Table 3 <input type="checkbox"/> Agri/Other <input checked="" type="checkbox"/> For RSC<br><input type="checkbox"/> Table                                                                                                                                                                                          |                                  |              | <b>Other Regulations</b><br><input type="checkbox"/> CCME <input type="checkbox"/> Sanitary Sewer Bylaw<br><input type="checkbox"/> Reg 558 <input type="checkbox"/> Storm Sewer Bylaw<br><input type="checkbox"/> MISA Municipality<br><input type="checkbox"/> PWQO<br><input type="checkbox"/> Other |        |                                                        | <b>Special Instructions</b>                   |      |                  | <b>Field Filtered (please circle):</b><br>Metals / Hg / Cr-VI<br>METALS: INDETERMINATE<br>PAHS<br>VOCs / PHCs<br>HGLD |                               |                     | <b>ANALYSIS REQUESTED (PLEASE BE SPECIFIC)</b> |  |  |
| <b>Include Criteria on Certificate of Analysis (Y/N)?</b> <u>N</u>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                                  |              |                                                                                                                                                                                                                                                                                                         |        |                                                        |                                               |      |                  |                                                                                                                       |                               |                     |                                                |  |  |
| Sample Barcode Label                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | Sample (Location) Identification | Date Sampled | Time Sampled                                                                                                                                                                                                                                                                                            | Matrix | Field Filtered (please circle):<br>Metals / Hg / Cr-VI | METALS: INDETERMINATE                         | PAHS | VOCs / PHCs      | HGLD                                                                                                                  |                               |                     |                                                |  |  |
| 1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | BH101-1B                         | April 22/20  | 8:45                                                                                                                                                                                                                                                                                                    | Soil   | 2                                                      | X                                             | X    |                  |                                                                                                                       |                               |                     | 1                                              |  |  |
| 2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | BH101-2A                         |              | 8:55                                                                                                                                                                                                                                                                                                    |        | 2                                                      |                                               |      | X                |                                                                                                                       |                               |                     | 3                                              |  |  |
| 3                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | BH101-6                          |              | 9:10                                                                                                                                                                                                                                                                                                    |        | 2                                                      |                                               |      |                  | X                                                                                                                     |                               |                     | 4                                              |  |  |
| 4                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | BH102-1B                         |              | 9:45                                                                                                                                                                                                                                                                                                    |        | 2                                                      | X                                             | X    |                  |                                                                                                                       |                               |                     | 1                                              |  |  |
| 5                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | BH102-2A                         |              | 9:55                                                                                                                                                                                                                                                                                                    |        | 2                                                      |                                               |      | X                |                                                                                                                       |                               |                     | 3                                              |  |  |
| 6                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | BH102-5                          |              | 10:05                                                                                                                                                                                                                                                                                                   |        | 2                                                      |                                               |      | X                |                                                                                                                       |                               |                     | 4                                              |  |  |
| 7                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | BH103-2A                         |              | 10:40                                                                                                                                                                                                                                                                                                   |        | 2                                                      | X                                             | X    | X                |                                                                                                                       |                               |                     | 4                                              |  |  |
| 8                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | BH103-5                          |              | 10:50                                                                                                                                                                                                                                                                                                   |        | 2                                                      |                                               |      |                  | X                                                                                                                     |                               |                     | 4                                              |  |  |
| 9                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | BH105-1B                         |              | 11:35                                                                                                                                                                                                                                                                                                   |        | 2                                                      | X                                             | X    |                  |                                                                                                                       |                               |                     | 1                                              |  |  |
| 10                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | BH105-1B                         |              | 11:35                                                                                                                                                                                                                                                                                                   |        | 2                                                      | X                                             | X    |                  |                                                                                                                       |                               |                     | 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 |                                                |  |  |
| Mike SEPTEASE                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                                  |              | 20/4/22                                                                                                                                                                                                                                                                                                 | 5:00   | DIPKA SINGH                                            |                                               |      | 2020/04/22       | 17:14                                                                                                                 | 0                             | Time Sensitive      | Temperature (°C) on Recd: 7/5/7                |  |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                  |              |                                                                                                                                                                                                                                                                                                         |        |                                                        |                                               |      |                  |                                                                                                                       |                               | 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.<br>* 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.<br>** 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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                                  |              |                                                                                                                                                                                                                                                                                                         |        |                                                        |                                               |      |                  |                                                                                                                       |                               |                     |                                                |  |  |



|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |  |                                  |                                                                                                                                                                                                                                                                                                             |              |              |                                                                                                                                                                              |   |                  |                                                                                                                                                                                      |      |   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |   |                                                                                                 |  |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|----------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------|--------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---|------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|---|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---|-------------------------------------------------------------------------------------------------|--|
| <b>INVOICE TO:</b><br>Company Name: #34561 Terrapex Environmental Ltd<br>Attention: Accounts Payable<br>Address: 90 Scarsdale Rd<br>Toronto ON M3B 2R7<br>Tel: (416) 245-0011 Fax:<br>Email: accounts.payable@terrapex.com                                                                                                                                                                                                                                                                                                                                                                                                    |  |                                  | <b>REPORT TO:</b><br>Company Name:<br>Attention: Mike Deans<br>Address:<br>Tel: Fax:<br>Email: m.deans@terrapex.com                                                                                                                                                                                         |              |              | <b>PROJECT INFORMATION:</b><br>Quotation #: B73483 CITY OF TORONTO<br>P.O. #:<br>Project: CT2998.05<br>Project Name:<br>Site #: 15 Denison Avenue, Toronto<br>Sampled By: NS |   |                  | <b>Laboratory Use Only:</b><br>BV Labs Job #:<br>Bottle Order #:<br>COC #:<br>Project Manager:<br>Turnaround Time (TAT) Required:<br>Please provide advance notice for rush projects |      |   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |   |                                                                                                 |  |
| <b>MOE REGULATED DRINKING WATER OR WATER INTENDED FOR HUMAN CONSUMPTION MUST BE SUBMITTED ON THE BV LABS DRINKING WATER CHAIN OF CUSTODY</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |  |                                  |                                                                                                                                                                                                                                                                                                             |              |              | <b>ANALYSIS REQUESTED (PLEASE BE SPECIFIC)</b>                                                                                                                               |   |                  |                                                                                                                                                                                      |      |   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |   |                                                                                                 |  |
| <b>Regulation 153 (2011)</b><br><input type="checkbox"/> Table 1 <input checked="" type="checkbox"/> Res/Park <input type="checkbox"/> Medium/Fine<br><input type="checkbox"/> Table 2 <input type="checkbox"/> Ind/Comm <input checked="" type="checkbox"/> Coarse<br><input checked="" type="checkbox"/> Table 3 <input type="checkbox"/> Agr/Other <input checked="" type="checkbox"/> For RSC<br><input type="checkbox"/> Table<br>                                                                                                                                                                                       |  |                                  | <b>Other Regulations</b><br><input type="checkbox"/> CCME <input type="checkbox"/> Sanitary Sewer Bylaw<br><input type="checkbox"/> Reg 558 <input type="checkbox"/> Storm Sewer Bylaw<br><input type="checkbox"/> MISA Municipality<br><input type="checkbox"/> PWOO<br><input type="checkbox"/> Other<br> |              |              | <b>Special Instructions</b><br>                                                                                                                                              |   |                  | <b>Field Filtered (please circle):</b><br>Metals / Hg / Cr VI<br>Metals<br>PAHs<br>VOCs / PHCS<br>HCLD                                                                               |      |   | <b>Regular (Standard) TAT:</b><br>(will be applied if Rush TAT is not specified):<br>Standard TAT = 5-7 Working days for most tests.<br>Please note: Standard TAT for certain tests such as BOD and Dioxins/Furans are > 5 days - contact your Project Manager for details.<br><b>Job Specific Rush TAT (if applies to entire submission)</b><br>Date Required: April 23/20 Time Required: 4.00pm<br>Rush Confirmation Number: 226202004214<br>(call lab for #) |   |                                                                                                 |  |
| Include Criteria on Certificate of Analysis (Y/N)? <u>N</u>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |  |                                  |                                                                                                                                                                                                                                                                                                             |              |              | # of Bottles<br>Comments                                                                                                                                                     |   |                  |                                                                                                                                                                                      |      |   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |   |                                                                                                 |  |
| Sample Barcode Label                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |  | Sample (Location) Identification |                                                                                                                                                                                                                                                                                                             | Date Sampled | Time Sampled | Matrix                                                                                                                                                                       |   |                  |                                                                                                                                                                                      |      |   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |   |                                                                                                 |  |
| 1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |  | BH105-2                          |                                                                                                                                                                                                                                                                                                             | Apr 12/20    | 11:40        | Soil                                                                                                                                                                         | N |                  |                                                                                                                                                                                      | X    |   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 3 |                                                                                                 |  |
| 2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |  | BH105-6                          |                                                                                                                                                                                                                                                                                                             |              | 11:55        |                                                                                                                                                                              |   |                  |                                                                                                                                                                                      |      | X |                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 4 |                                                                                                 |  |
| 3                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |  | BH106-2A                         |                                                                                                                                                                                                                                                                                                             |              | 3:00         |                                                                                                                                                                              |   | X                | X                                                                                                                                                                                    |      |   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 1 | Limited Recovery Please Analyze 11.15                                                           |  |
| 4                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |  | BH106-2B                         |                                                                                                                                                                                                                                                                                                             |              | 3:05         |                                                                                                                                                                              |   |                  |                                                                                                                                                                                      | X    |   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 3 |                                                                                                 |  |
| 5                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |  | BH106-6                          |                                                                                                                                                                                                                                                                                                             |              | 3:15         |                                                                                                                                                                              |   |                  |                                                                                                                                                                                      |      | X |                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 4 |                                                                                                 |  |
| 6                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |  | BH107-1B                         |                                                                                                                                                                                                                                                                                                             |              | 2:25         |                                                                                                                                                                              |   | X                | X                                                                                                                                                                                    |      |   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 1 |                                                                                                 |  |
| 7                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |  | BH107-2                          |                                                                                                                                                                                                                                                                                                             |              | 2:30         |                                                                                                                                                                              |   |                  |                                                                                                                                                                                      | X    |   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 3 |                                                                                                 |  |
| 8                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |  | BH107-2                          |                                                                                                                                                                                                                                                                                                             |              | 2:30         |                                                                                                                                                                              |   |                  |                                                                                                                                                                                      | X    |   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 3 |                                                                                                 |  |
| 9                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |  | BH107-5                          |                                                                                                                                                                                                                                                                                                             |              | 2:45         |                                                                                                                                                                              |   |                  |                                                                                                                                                                                      |      | X |                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 4 |                                                                                                 |  |
| 10                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |  | BH108-1B                         |                                                                                                                                                                                                                                                                                                             |              | 12:10        |                                                                                                                                                                              |   | X                | X                                                                                                                                                                                    |      |   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 1 | Limited Recovery Please Analyze 11.15                                                           |  |
| * 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                                                                             |  |
| Mike Terrapex                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |  | 20/04/22                         |                                                                                                                                                                                                                                                                                                             | 5:00         |              | see page 1                                                                                                                                                                   |   |                  |                                                                                                                                                                                      |      |   | X                                                                                                                                                                                                                                                                                                                                                                                                                                                               |   | Time Sensitive<br>Temperature (°C) on Receipt<br>Custody Seal<br>Present<br>Intact<br>Yes<br>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.<br>* 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.<br>** SAMPLE CONTAINER, PRESERVATION, HOLD TIME AND PACKAGE INFORMATION CAN BE VIEWED AT WWW.BVLABS.COM/RESOURCES/CHAIN-OF-CUSTODY-FORMS. |  |                                  |                                                                                                                                                                                                                                                                                                             |              |              |                                                                                                                                                                              |   |                  |                                                                                                                                                                                      |      |   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |   |                                                                                                 |  |



CHAIN OF CUSTODY RECORD

133313

Page 3 of 3

| Invoice Information                                                                                                                                                                                                                                                                                                                                                                                                            |          |                               | Report Information (if differs from invoice)                                                                                                                                                                                                                                                                                                                               |                                |   | Project Information (where applicable)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |  |               | Turnaround Time (TAT) Required                                                                                                                                                                                                                                                                                                                                   |          |  |  |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------|-------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------|---|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|---------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------|--|--|
| Company Name: <u>Terrapex Environmental Ltd</u><br>Contact Name: <u>Accounts Payable</u><br>Address: <u>90 Scarisville Rd.</u><br><u>M3B 2R7 Toronto, ON</u><br>Phone: <u>(416) 545-0011</u> Fax: _____<br>Email: <u>accounts.payable@terrapex.com</u>                                                                                                                                                                         |          |                               | Company Name: _____<br>Contact Name: <u>Mike Deans</u><br>Address: _____<br>Phone: _____ Fax: _____<br>Email: <u>m.deans@terrapex.com</u>                                                                                                                                                                                                                                  |                                |   | Quotation #: <u>CITY OF TORONTO</u><br>P.O. #/ AFER: _____<br>Project #: <u>CT2498.05</u><br>Site Location: <u>15 Denison Ave.</u><br>Site #: _____<br>Site Location Province: <u>ON</u><br>Sampled By: <u>NS</u>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |  |               | <input type="checkbox"/> Regular TAT (5-7 days) Most analyses<br>PLEASE PROVIDE ADVANCE NOTICE FOR RUSH PROJECTS<br>Rush TAT (Surcharges will be applied)<br><input checked="" type="checkbox"/> 1 Day <input type="checkbox"/> 2 Days <input type="checkbox"/> 3-4 Days<br>Date Required: <u>April 23/20 4:00pm</u><br>Rush Confirmation #: <u>EEG202004214</u> |          |  |  |
| <small>NOTE: REGULATED DRINKING WATER OR WATER INTENDED FOR HUMAN CONSUMPTION MUST BE SUBMITTED ON THE BUREAU VERITAS LABORATOIRES' DRINKING WATER CHAIN OF CUSTODY</small>                                                                                                                                                                                                                                                    |          |                               |                                                                                                                                                                                                                                                                                                                                                                            |                                |   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |  |               |                                                                                                                                                                                                                                                                                                                                                                  |          |  |  |
| <b>Regulation 153</b><br><input type="checkbox"/> Table 1 <input checked="" type="checkbox"/> Res/Park <input type="checkbox"/> Med/ Fine<br><input type="checkbox"/> Table 2 <input type="checkbox"/> Ind/Comm <input checked="" type="checkbox"/> Coarse<br><input checked="" type="checkbox"/> Table 3 <input type="checkbox"/> Agri/ Other<br><input type="checkbox"/> Table _____<br>FOR RSC (PLEASE CIRCLE) <u>Y</u> / N |          |                               | <b>Other Regulations</b><br><input type="checkbox"/> CCME <input type="checkbox"/> Sanitary Sewer Bylaw<br><input type="checkbox"/> MISA <input type="checkbox"/> Storm Sewer Bylaw<br><input type="checkbox"/> PWQO <input type="checkbox"/> Region _____<br><input type="checkbox"/> Other (Specify) _____<br><input type="checkbox"/> REG 558 (MIN. 3 DAY TAT REQUIRED) |                                |   | <b>Analysis Requested</b><br><div style="display: flex; justify-content: space-between;"> <div style="width: 45%;"> <input type="checkbox"/> # OF CONTAINERS SUBMITTED<br/> <input type="checkbox"/> FIELD FILTERED (CIRCLE) Metals /Hg/ Cr/V<br/> <input type="checkbox"/> BTEX/ PHC/FI<br/> <input type="checkbox"/> PHC/12 /4<br/> <input type="checkbox"/> VOCs<br/> <input type="checkbox"/> REG 153 METALS &amp; INORGANICS<br/> <input type="checkbox"/> REG 153 ICPMS METALS<br/> <input type="checkbox"/> REG 153 METALS (PH, CT, W, ICPMS Metals, HWS, B)<br/> <u>VOCs/PHCs</u><br/> <u>VOC/FI</u> </div> <div style="width: 45%; text-align: right;"> <b>HOLD- DO NOT ANALYZE</b> </div> </div> |  |               |                                                                                                                                                                                                                                                                                                                                                                  |          |  |  |
| <b>Include Criteria on Certificate of Analysis: Y / <u>N</u></b><br><b>SAMPLES MUST BE KEPT COOL (&lt; 10 °C) FROM TIME OF SAMPLING UNTIL DELIVERY TO BUREAU VERITAS</b>                                                                                                                                                                                                                                                       |          |                               |                                                                                                                                                                                                                                                                                                                                                                            |                                |   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |  |               |                                                                                                                                                                                                                                                                                                                                                                  |          |  |  |
| SAMPLE IDENTIFICATION                                                                                                                                                                                                                                                                                                                                                                                                          |          | DATE SAMPLED:<br>(YYYY/MM/DD) | TIME SAMPLED<br>(HH:MM)                                                                                                                                                                                                                                                                                                                                                    | MATRIX                         |   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |  |               |                                                                                                                                                                                                                                                                                                                                                                  |          |  |  |
| 1                                                                                                                                                                                                                                                                                                                                                                                                                              | BH 108-3 | 2020/4/22                     | 12:20                                                                                                                                                                                                                                                                                                                                                                      | soil                           | 3 | N                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |  |               |                                                                                                                                                                                                                                                                                                                                                                  |          |  |  |
| 2                                                                                                                                                                                                                                                                                                                                                                                                                              | BH 108-5 | ↓                             | 12:30                                                                                                                                                                                                                                                                                                                                                                      |                                | 4 | N                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |  |               |                                                                                                                                                                                                                                                                                                                                                                  |          |  |  |
| 3                                                                                                                                                                                                                                                                                                                                                                                                                              | BH 1000  | ↓                             | 3:45                                                                                                                                                                                                                                                                                                                                                                       |                                | 1 | N                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |  |               |                                                                                                                                                                                                                                                                                                                                                                  |          |  |  |
| 4                                                                                                                                                                                                                                                                                                                                                                                                                              |          |                               |                                                                                                                                                                                                                                                                                                                                                                            |                                |   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |  |               |                                                                                                                                                                                                                                                                                                                                                                  |          |  |  |
| 5                                                                                                                                                                                                                                                                                                                                                                                                                              |          |                               |                                                                                                                                                                                                                                                                                                                                                                            |                                |   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |  |               |                                                                                                                                                                                                                                                                                                                                                                  |          |  |  |
| 6                                                                                                                                                                                                                                                                                                                                                                                                                              |          |                               |                                                                                                                                                                                                                                                                                                                                                                            |                                |   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |  |               |                                                                                                                                                                                                                                                                                                                                                                  |          |  |  |
| 7                                                                                                                                                                                                                                                                                                                                                                                                                              |          |                               |                                                                                                                                                                                                                                                                                                                                                                            |                                |   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |  |               |                                                                                                                                                                                                                                                                                                                                                                  |          |  |  |
| 8                                                                                                                                                                                                                                                                                                                                                                                                                              |          |                               |                                                                                                                                                                                                                                                                                                                                                                            |                                |   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |  |               |                                                                                                                                                                                                                                                                                                                                                                  |          |  |  |
| 9                                                                                                                                                                                                                                                                                                                                                                                                                              |          |                               |                                                                                                                                                                                                                                                                                                                                                                            |                                |   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |  |               |                                                                                                                                                                                                                                                                                                                                                                  |          |  |  |
| 10                                                                                                                                                                                                                                                                                                                                                                                                                             |          |                               |                                                                                                                                                                                                                                                                                                                                                                            |                                |   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |  |               |                                                                                                                                                                                                                                                                                                                                                                  |          |  |  |
| RELINQUISHED BY: (Signature/Print)                                                                                                                                                                                                                                                                                                                                                                                             |          | DATE: (YYYY/MM/DD)            | TIME: (HH:MM)                                                                                                                                                                                                                                                                                                                                                              | RECEIVED BY: (Signature/Print) |   | DATE: (YYYY/MM/DD)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |  | TIME: (HH:MM) |                                                                                                                                                                                                                                                                                                                                                                  | BV JOB # |  |  |
| <u>Nick Little</u>                                                                                                                                                                                                                                                                                                                                                                                                             |          | 2020/4/22                     | 5:00                                                                                                                                                                                                                                                                                                                                                                       | <u>See page 1</u>              |   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |  |               |                                                                                                                                                                                                                                                                                                                                                                  |          |  |  |

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 our terms available at <http://www.bvlab.com/terms-and-conditions>

COC-1004 (06/19)

White: Maxxam ~ Yellow: Client



Your Project #: CT2998.05  
Site Location: 15 DENISON AVE  
Your C.O.C. #: 130350

**Attention: Mike Deans**

Terrapex Environmental Ltd  
90 Scarsdale Rd  
Toronto, ON  
CANADA M3B 2R7

**Report Date: 2020/04/27**  
Report #: R6156648  
Version: 1 - Final

**CERTIFICATE OF ANALYSIS**

**BV LABS JOB #: C0A1969**

**Received: 2020/04/24, 13:50**

Sample Matrix: Soil  
# Samples Received: 2

| Analyses                                 | Date     |            | Date Analyzed | Laboratory Method | Analytical Method    |
|------------------------------------------|----------|------------|---------------|-------------------|----------------------|
|                                          | Quantity | Extracted  |               |                   |                      |
| Methylnaphthalene Sum                    | 2        | N/A        | 2020/04/26    | CAM SOP-00301     | EPA 8270D m          |
| Hot Water Extractable Boron              | 2        | 2020/04/27 | 2020/04/27    | CAM SOP-00408     | R153 Ana. Prot. 2011 |
| 1,3-Dichloropropene Sum                  | 2        | N/A        | 2020/04/27    |                   | EPA 8260C m          |
| Free (WAD) Cyanide                       | 2        | 2020/04/24 | 2020/04/27    | CAM SOP-00457     | OMOE E3015 m         |
| Conductivity                             | 2        | 2020/04/27 | 2020/04/27    | CAM SOP-00414     | OMOE E3530 v1 m      |
| Hexavalent Chromium in Soil by IC (1)    | 2        | 2020/04/24 | 2020/04/27    | CAM SOP-00436     | EPA 3060/7199 m      |
| Petroleum Hydrocarbons F2-F4 in Soil (2) | 2        | 2020/04/25 | 2020/04/26    | CAM SOP-00316     | CCME CWS m           |
| Strong Acid Leachable Metals by ICPMS    | 2        | 2020/04/27 | 2020/04/27    | CAM SOP-00447     | EPA 6020B m          |
| Moisture                                 | 2        | N/A        | 2020/04/24    | CAM SOP-00445     | Carter 2nd ed 51.2 m |
| PAH Compounds in Soil by GC/MS (SIM)     | 2        | 2020/04/25 | 2020/04/25    | CAM SOP-00318     | EPA 8270D m          |
| pH CaCl2 EXTRACT                         | 2        | 2020/04/27 | 2020/04/27    | CAM SOP-00413     | EPA 9045 D m         |
| Sodium Adsorption Ratio (SAR)            | 2        | N/A        | 2020/04/27    | CAM SOP-00102     | EPA 6010C            |
| Volatile Organic Compounds and F1 PHCs   | 2        | N/A        | 2020/04/26    | CAM SOP-00230     | EPA 8260C m          |

**Remarks:**

Bureau Veritas Laboratories are accredited to ISO/IEC 17025 for specific parameters on scopes of accreditation. Unless otherwise noted, procedures used by BV Labs 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 BV Labs profession using accepted testing methodologies, quality assurance and quality control procedures (except where otherwise agreed by the client and BV Labs 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.

BV Labs liability is limited to the actual cost of the requested analyses, unless otherwise agreed in writing. There is no other warranty expressed or implied. BV Labs 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 BV Labs, unless otherwise agreed in writing. BV Labs 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 BV Labs, 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 #: CT2998.05  
Site Location: 15 DENISON AVE  
Your C.O.C. #: 130350

**Attention: Mike Deans**

Terrapex Environmental Ltd  
90 Scarsdale Rd  
Toronto, ON  
CANADA M3B 2R7

**Report Date: 2020/04/27**  
Report #: R6156648  
Version: 1 - Final

**CERTIFICATE OF ANALYSIS**

**BV LABS JOB #: C0A1969**

**Received: 2020/04/24, 13:50**

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

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

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

(2) All CCME PHC results met required criteria unless otherwise stated in the report. The CWS PHC methods employed by Bureau Veritas 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.

Ema Gitej, Senior Project Manager

Email: Ema.Gitej@bvlabs.com

Phone# (905)817-5829

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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.

BUREAU  
VERITASBV Labs Job #: COA1969  
Report Date: 2020/04/27Terrapex Environmental Ltd  
Client Project #: CT2998.05  
Site Location: 15 DENISON AVE  
Sampler Initials: NS**O.REG 153 METALS & INORGANICS PKG (SOIL)**

|                      |              |                     |            |                 |                             |            |                 |                     |            |                 |
|----------------------|--------------|---------------------|------------|-----------------|-----------------------------|------------|-----------------|---------------------|------------|-----------------|
| <b>BV Labs ID</b>    |              | MMW528              |            |                 | MMW528                      |            |                 | MMW529              |            |                 |
| <b>Sampling Date</b> |              | 2020/04/22<br>15:00 |            |                 | 2020/04/22<br>15:00         |            |                 | 2020/04/22<br>15:20 |            |                 |
| <b>COC Number</b>    |              | 130350              |            |                 | 130350                      |            |                 | 130350              |            |                 |
|                      | <b>UNITS</b> | <b>BH104-1B</b>     | <b>RDL</b> | <b>QC Batch</b> | <b>BH104-1B<br/>Lab-Dup</b> | <b>RDL</b> | <b>QC Batch</b> | <b>BH104-6</b>      | <b>RDL</b> | <b>QC Batch</b> |

|                                                                                                                                       |       |      |       |         |     |       |         |      |       |         |
|---------------------------------------------------------------------------------------------------------------------------------------|-------|------|-------|---------|-----|-------|---------|------|-------|---------|
| <b>Calculated Parameters</b>                                                                                                          |       |      |       |         |     |       |         |      |       |         |
| Sodium Adsorption Ratio                                                                                                               | N/A   | 58   |       | 6695977 |     |       |         | 0.86 |       | 6695977 |
| <b>Inorganics</b>                                                                                                                     |       |      |       |         |     |       |         |      |       |         |
| Conductivity                                                                                                                          | mS/cm | 2.2  | 0.002 | 6698475 | 2.2 | 0.002 | 6698475 | 0.34 | 0.002 | 6698475 |
| Available (CaCl <sub>2</sub> ) pH                                                                                                     | pH    | 8.49 |       | 6698688 |     |       |         | 7.67 |       | 6698688 |
| WAD Cyanide (Free)                                                                                                                    | ug/g  | ND   | 0.01  | 6696928 |     |       |         | 0.01 | 0.01  | 6696928 |
| Chromium (VI)                                                                                                                         | ug/g  | 0.35 | 0.18  | 6696943 |     |       |         | ND   | 0.18  | 6696943 |
| <b>Metals</b>                                                                                                                         |       |      |       |         |     |       |         |      |       |         |
| Hot Water Ext. Boron (B)                                                                                                              | ug/g  | 0.46 | 0.050 | 6698478 |     |       |         | 0.34 | 0.050 | 6698478 |
| Acid Extractable Antimony (Sb)                                                                                                        | ug/g  | ND   | 0.20  | 6698466 |     |       |         | ND   | 0.20  | 6698466 |
| Acid Extractable Arsenic (As)                                                                                                         | ug/g  | 3.1  | 1.0   | 6698466 |     |       |         | 2.0  | 1.0   | 6698466 |
| Acid Extractable Barium (Ba)                                                                                                          | ug/g  | 86   | 0.50  | 6698466 |     |       |         | 97   | 0.50  | 6698466 |
| Acid Extractable Beryllium (Be)                                                                                                       | ug/g  | 0.83 | 0.20  | 6698466 |     |       |         | 0.66 | 0.20  | 6698466 |
| Acid Extractable Boron (B)                                                                                                            | ug/g  | 5.9  | 5.0   | 6698466 |     |       |         | 7.7  | 5.0   | 6698466 |
| Acid Extractable Cadmium (Cd)                                                                                                         | ug/g  | ND   | 0.10  | 6698466 |     |       |         | ND   | 0.10  | 6698466 |
| Acid Extractable Chromium (Cr)                                                                                                        | ug/g  | 31   | 1.0   | 6698466 |     |       |         | 33   | 1.0   | 6698466 |
| Acid Extractable Cobalt (Co)                                                                                                          | ug/g  | 10   | 0.10  | 6698466 |     |       |         | 10   | 0.10  | 6698466 |
| Acid Extractable Copper (Cu)                                                                                                          | ug/g  | 21   | 0.50  | 6698466 |     |       |         | 20   | 0.50  | 6698466 |
| Acid Extractable Lead (Pb)                                                                                                            | ug/g  | 31   | 1.0   | 6698466 |     |       |         | 7.4  | 1.0   | 6698466 |
| Acid Extractable Molybdenum (Mo)                                                                                                      | ug/g  | 0.51 | 0.50  | 6698466 |     |       |         | ND   | 0.50  | 6698466 |
| Acid Extractable Nickel (Ni)                                                                                                          | ug/g  | 22   | 0.50  | 6698466 |     |       |         | 24   | 0.50  | 6698466 |
| Acid Extractable Selenium (Se)                                                                                                        | ug/g  | ND   | 0.50  | 6698466 |     |       |         | ND   | 0.50  | 6698466 |
| Acid Extractable Silver (Ag)                                                                                                          | ug/g  | ND   | 0.20  | 6698466 |     |       |         | ND   | 0.20  | 6698466 |
| Acid Extractable Thallium (Tl)                                                                                                        | ug/g  | 0.18 | 0.050 | 6698466 |     |       |         | 0.14 | 0.050 | 6698466 |
| Acid Extractable Uranium (U)                                                                                                          | ug/g  | 0.48 | 0.050 | 6698466 |     |       |         | 0.77 | 0.050 | 6698466 |
| Acid Extractable Vanadium (V)                                                                                                         | ug/g  | 39   | 5.0   | 6698466 |     |       |         | 37   | 5.0   | 6698466 |
| Acid Extractable Zinc (Zn)                                                                                                            | ug/g  | 61   | 5.0   | 6698466 |     |       |         | 49   | 5.0   | 6698466 |
| Acid Extractable Mercury (Hg)                                                                                                         | ug/g  | 0.14 | 0.050 | 6698466 |     |       |         | ND   | 0.050 | 6698466 |
| RDL = Reportable Detection Limit<br>QC Batch = Quality Control Batch<br>Lab-Dup = Laboratory Initiated Duplicate<br>ND = Not detected |       |      |       |         |     |       |         |      |       |         |





BUREAU  
VERITAS

BV Labs Job #: COA1969  
Report Date: 2020/04/27

Terrapex Environmental Ltd  
Client Project #: CT2998.05  
Site Location: 15 DENISON AVE  
Sampler Initials: NS

### O.REG 153 METALS & INORGANICS PKG (SOIL)

|                                                                                                                                       |              |                            |            |                 |
|---------------------------------------------------------------------------------------------------------------------------------------|--------------|----------------------------|------------|-----------------|
| <b>BV Labs ID</b>                                                                                                                     |              | MMW529                     |            |                 |
| <b>Sampling Date</b>                                                                                                                  |              | 2020/04/22<br>15:20        |            |                 |
| <b>COC Number</b>                                                                                                                     |              | 130350                     |            |                 |
|                                                                                                                                       | <b>UNITS</b> | <b>BH104-6<br/>Lab-Dup</b> | <b>RDL</b> | <b>QC Batch</b> |
| <b>Inorganics</b>                                                                                                                     |              |                            |            |                 |
| Available (CaCl <sub>2</sub> ) pH                                                                                                     | pH           | 7.83                       |            | 6698688         |
| WAD Cyanide (Free)                                                                                                                    | ug/g         | ND                         | 0.01       | 6696928         |
| Chromium (VI)                                                                                                                         | ug/g         | ND                         | 0.18       | 6696943         |
| RDL = Reportable Detection Limit<br>QC Batch = Quality Control Batch<br>Lab-Dup = Laboratory Initiated Duplicate<br>ND = Not detected |              |                            |            |                 |

BUREAU  
VERITASBV Labs Job #: COA1969  
Report Date: 2020/04/27Terrapex Environmental Ltd  
Client Project #: CT2998.05  
Site Location: 15 DENISON AVE  
Sampler Initials: NS**O.REG 153 PAHS (SOIL)**

| BV Labs ID                                                                                                                            |       | MMW528              | MMW529              |        |          | MMW529              |        |          |
|---------------------------------------------------------------------------------------------------------------------------------------|-------|---------------------|---------------------|--------|----------|---------------------|--------|----------|
| Sampling Date                                                                                                                         |       | 2020/04/22<br>15:00 | 2020/04/22<br>15:20 |        |          | 2020/04/22<br>15:20 |        |          |
| COC Number                                                                                                                            |       | 130350              | 130350              |        |          | 130350              |        |          |
|                                                                                                                                       | UNITS | BH104-1B            | BH104-6             | RDL    | QC Batch | BH104-6<br>Lab-Dup  | RDL    | QC Batch |
| <b>Calculated Parameters</b>                                                                                                          |       |                     |                     |        |          |                     |        |          |
| Methylnaphthalene, 2-(1-)                                                                                                             | ug/g  | 0.014               | ND                  | 0.0071 | 6697537  |                     |        |          |
| <b>Polyaromatic Hydrocarbons</b>                                                                                                      |       |                     |                     |        |          |                     |        |          |
| Acenaphthene                                                                                                                          | ug/g  | 0.023               | ND                  | 0.0050 | 6697537  | ND                  | 0.0050 | 6697537  |
| Acenaphthylene                                                                                                                        | ug/g  | 0.054               | ND                  | 0.0050 | 6697537  | ND                  | 0.0050 | 6697537  |
| Anthracene                                                                                                                            | ug/g  | 0.085               | ND                  | 0.0050 | 6697537  | ND                  | 0.0050 | 6697537  |
| Benzo(a)anthracene                                                                                                                    | ug/g  | 0.46                | ND                  | 0.0050 | 6697537  | ND                  | 0.0050 | 6697537  |
| Benzo(a)pyrene                                                                                                                        | ug/g  | 0.48                | ND                  | 0.0050 | 6697537  | ND                  | 0.0050 | 6697537  |
| Benzo(b,j)fluoranthene                                                                                                                | ug/g  | 0.54                | ND                  | 0.0050 | 6697537  | ND                  | 0.0050 | 6697537  |
| Benzo(g,h,i)perylene                                                                                                                  | ug/g  | 0.26                | ND                  | 0.0050 | 6697537  | ND                  | 0.0050 | 6697537  |
| Benzo(k)fluoranthene                                                                                                                  | ug/g  | 0.19                | ND                  | 0.0050 | 6697537  | ND                  | 0.0050 | 6697537  |
| Chrysene                                                                                                                              | ug/g  | 0.38                | ND                  | 0.0050 | 6697537  | ND                  | 0.0050 | 6697537  |
| Dibenzo(a,h)anthracene                                                                                                                | ug/g  | 0.057               | ND                  | 0.0050 | 6697537  | ND                  | 0.0050 | 6697537  |
| Fluoranthene                                                                                                                          | ug/g  | 0.79                | ND                  | 0.0050 | 6697537  | ND                  | 0.0050 | 6697537  |
| Fluorene                                                                                                                              | ug/g  | 0.021               | ND                  | 0.0050 | 6697537  | ND                  | 0.0050 | 6697537  |
| Indeno(1,2,3-cd)pyrene                                                                                                                | ug/g  | 0.29                | ND                  | 0.0050 | 6697537  | ND                  | 0.0050 | 6697537  |
| 1-Methylnaphthalene                                                                                                                   | ug/g  | 0.0075              | ND                  | 0.0050 | 6697537  | ND                  | 0.0050 | 6697537  |
| 2-Methylnaphthalene                                                                                                                   | ug/g  | 0.0062              | ND                  | 0.0050 | 6697537  | ND                  | 0.0050 | 6697537  |
| Naphthalene                                                                                                                           | ug/g  | 0.0081              | ND                  | 0.0050 | 6697537  | ND                  | 0.0050 | 6697537  |
| Phenanthrene                                                                                                                          | ug/g  | 0.27                | ND                  | 0.0050 | 6697537  | ND                  | 0.0050 | 6697537  |
| Pyrene                                                                                                                                | ug/g  | 0.78                | ND                  | 0.0050 | 6697537  | ND                  | 0.0050 | 6697537  |
| <b>Surrogate Recovery (%)</b>                                                                                                         |       |                     |                     |        |          |                     |        |          |
| D10-Anthracene                                                                                                                        | %     | 102                 | 107                 |        | 6697537  | 105                 |        | 6697537  |
| D14-Terphenyl (FS)                                                                                                                    | %     | 94                  | 100                 |        | 6697537  | 96                  |        | 6697537  |
| D8-Acenaphthylene                                                                                                                     | %     | 94                  | 99                  |        | 6697537  | 91                  |        | 6697537  |
| RDL = Reportable Detection Limit<br>QC Batch = Quality Control Batch<br>Lab-Dup = Laboratory Initiated Duplicate<br>ND = Not detected |       |                     |                     |        |          |                     |        |          |



BUREAU  
VERITAS

BV Labs Job #: COA1969  
Report Date: 2020/04/27

Terrapex Environmental Ltd  
Client Project #: CT2998.05  
Site Location: 15 DENISON AVE  
Sampler Initials: NS

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

| BV Labs ID                                                                                                                            |       | MMW528              |       |          | MMW528              |       |          | MMW529              |       |          |
|---------------------------------------------------------------------------------------------------------------------------------------|-------|---------------------|-------|----------|---------------------|-------|----------|---------------------|-------|----------|
| Sampling Date                                                                                                                         |       | 2020/04/22<br>15:00 |       |          | 2020/04/22<br>15:00 |       |          | 2020/04/22<br>15:20 |       |          |
| COC Number                                                                                                                            |       | 130350              |       |          | 130350              |       |          | 130350              |       |          |
|                                                                                                                                       | UNITS | BH104-1B            | RDL   | QC Batch | BH104-1B<br>Lab-Dup | RDL   | QC Batch | BH104-6             | RDL   | QC Batch |
| <b>Inorganics</b>                                                                                                                     |       |                     |       |          |                     |       |          |                     |       |          |
| Moisture                                                                                                                              | %     | 15                  | 1.0   | 6696791  |                     |       |          | 17                  | 1.0   | 6696791  |
| <b>Calculated Parameters</b>                                                                                                          |       |                     |       |          |                     |       |          |                     |       |          |
| 1,3-Dichloropropene (cis+trans)                                                                                                       | ug/g  | ND                  | 0.050 | 6695755  |                     |       |          | ND                  | 0.050 | 6695755  |
| <b>Volatile Organics</b>                                                                                                              |       |                     |       |          |                     |       |          |                     |       |          |
| Acetone (2-Propanone)                                                                                                                 | ug/g  | ND                  | 0.50  | 6697731  | ND                  | 0.50  | 6697731  | ND                  | 0.50  | 6697731  |
| Benzene                                                                                                                               | ug/g  | ND                  | 0.020 | 6697731  | ND                  | 0.020 | 6697731  | ND                  | 0.020 | 6697731  |
| Bromodichloromethane                                                                                                                  | ug/g  | ND                  | 0.050 | 6697731  | ND                  | 0.050 | 6697731  | ND                  | 0.050 | 6697731  |
| Bromoform                                                                                                                             | ug/g  | ND                  | 0.050 | 6697731  | ND                  | 0.050 | 6697731  | ND                  | 0.050 | 6697731  |
| Bromomethane                                                                                                                          | ug/g  | ND                  | 0.050 | 6697731  | ND                  | 0.050 | 6697731  | ND                  | 0.050 | 6697731  |
| Carbon Tetrachloride                                                                                                                  | ug/g  | ND                  | 0.050 | 6697731  | ND                  | 0.050 | 6697731  | ND                  | 0.050 | 6697731  |
| Chlorobenzene                                                                                                                         | ug/g  | ND                  | 0.050 | 6697731  | ND                  | 0.050 | 6697731  | ND                  | 0.050 | 6697731  |
| Chloroform                                                                                                                            | ug/g  | ND                  | 0.050 | 6697731  | ND                  | 0.050 | 6697731  | ND                  | 0.050 | 6697731  |
| Dibromochloromethane                                                                                                                  | ug/g  | ND                  | 0.050 | 6697731  | ND                  | 0.050 | 6697731  | ND                  | 0.050 | 6697731  |
| 1,2-Dichlorobenzene                                                                                                                   | ug/g  | ND                  | 0.050 | 6697731  | ND                  | 0.050 | 6697731  | ND                  | 0.050 | 6697731  |
| 1,3-Dichlorobenzene                                                                                                                   | ug/g  | ND                  | 0.050 | 6697731  | ND                  | 0.050 | 6697731  | ND                  | 0.050 | 6697731  |
| 1,4-Dichlorobenzene                                                                                                                   | ug/g  | ND                  | 0.050 | 6697731  | ND                  | 0.050 | 6697731  | ND                  | 0.050 | 6697731  |
| Dichlorodifluoromethane (FREON 12)                                                                                                    | ug/g  | ND                  | 0.050 | 6697731  | ND                  | 0.050 | 6697731  | ND                  | 0.050 | 6697731  |
| 1,1-Dichloroethane                                                                                                                    | ug/g  | ND                  | 0.050 | 6697731  | ND                  | 0.050 | 6697731  | ND                  | 0.050 | 6697731  |
| 1,2-Dichloroethane                                                                                                                    | ug/g  | ND                  | 0.050 | 6697731  | ND                  | 0.050 | 6697731  | ND                  | 0.050 | 6697731  |
| 1,1-Dichloroethylene                                                                                                                  | ug/g  | ND                  | 0.050 | 6697731  | ND                  | 0.050 | 6697731  | ND                  | 0.050 | 6697731  |
| cis-1,2-Dichloroethylene                                                                                                              | ug/g  | ND                  | 0.050 | 6697731  | ND                  | 0.050 | 6697731  | ND                  | 0.050 | 6697731  |
| trans-1,2-Dichloroethylene                                                                                                            | ug/g  | ND                  | 0.050 | 6697731  | ND                  | 0.050 | 6697731  | ND                  | 0.050 | 6697731  |
| 1,2-Dichloropropane                                                                                                                   | ug/g  | ND                  | 0.050 | 6697731  | ND                  | 0.050 | 6697731  | ND                  | 0.050 | 6697731  |
| cis-1,3-Dichloropropene                                                                                                               | ug/g  | ND                  | 0.030 | 6697731  | ND                  | 0.030 | 6697731  | ND                  | 0.030 | 6697731  |
| trans-1,3-Dichloropropene                                                                                                             | ug/g  | ND                  | 0.040 | 6697731  | ND                  | 0.040 | 6697731  | ND                  | 0.040 | 6697731  |
| Ethylbenzene                                                                                                                          | ug/g  | ND                  | 0.020 | 6697731  | ND                  | 0.020 | 6697731  | ND                  | 0.020 | 6697731  |
| Ethylene Dibromide                                                                                                                    | ug/g  | ND                  | 0.050 | 6697731  | ND                  | 0.050 | 6697731  | ND                  | 0.050 | 6697731  |
| Hexane                                                                                                                                | ug/g  | ND                  | 0.050 | 6697731  | ND                  | 0.050 | 6697731  | ND                  | 0.050 | 6697731  |
| Methylene Chloride(Dichloromethane)                                                                                                   | ug/g  | ND                  | 0.050 | 6697731  | ND                  | 0.050 | 6697731  | ND                  | 0.050 | 6697731  |
| Methyl Ethyl Ketone (2-Butanone)                                                                                                      | ug/g  | ND                  | 0.50  | 6697731  | ND                  | 0.50  | 6697731  | ND                  | 0.50  | 6697731  |
| Methyl Isobutyl Ketone                                                                                                                | ug/g  | ND                  | 0.50  | 6697731  | ND                  | 0.50  | 6697731  | ND                  | 0.50  | 6697731  |
| Methyl t-butyl ether (MTBE)                                                                                                           | ug/g  | ND                  | 0.050 | 6697731  | ND                  | 0.050 | 6697731  | ND                  | 0.050 | 6697731  |
| RDL = Reportable Detection Limit<br>QC Batch = Quality Control Batch<br>Lab-Dup = Laboratory Initiated Duplicate<br>ND = Not detected |       |                     |       |          |                     |       |          |                     |       |          |

BUREAU  
VERITASBV Labs Job #: COA1969  
Report Date: 2020/04/27Terrapex Environmental Ltd  
Client Project #: CT2998.05  
Site Location: 15 DENISON AVE  
Sampler Initials: NS**O.REG 153 VOCs BY HS & F1-F4 (SOIL)**

| BV Labs ID                                                                                                                            |       | MMW528              |       |          | MMW528              |       |          | MMW529              |       |          |
|---------------------------------------------------------------------------------------------------------------------------------------|-------|---------------------|-------|----------|---------------------|-------|----------|---------------------|-------|----------|
| Sampling Date                                                                                                                         |       | 2020/04/22<br>15:00 |       |          | 2020/04/22<br>15:00 |       |          | 2020/04/22<br>15:20 |       |          |
| COC Number                                                                                                                            |       | 130350              |       |          | 130350              |       |          | 130350              |       |          |
|                                                                                                                                       | UNITS | BH104-1B            | RDL   | QC Batch | BH104-1B<br>Lab-Dup | RDL   | QC Batch | BH104-6             | RDL   | QC Batch |
| Styrene                                                                                                                               | ug/g  | ND                  | 0.050 | 6697731  | ND                  | 0.050 | 6697731  | ND                  | 0.050 | 6697731  |
| 1,1,1,2-Tetrachloroethane                                                                                                             | ug/g  | ND                  | 0.050 | 6697731  | ND                  | 0.050 | 6697731  | ND                  | 0.050 | 6697731  |
| 1,1,2,2-Tetrachloroethane                                                                                                             | ug/g  | ND                  | 0.050 | 6697731  | ND                  | 0.050 | 6697731  | ND                  | 0.050 | 6697731  |
| Tetrachloroethylene                                                                                                                   | ug/g  | ND                  | 0.050 | 6697731  | ND                  | 0.050 | 6697731  | ND                  | 0.050 | 6697731  |
| Toluene                                                                                                                               | ug/g  | ND                  | 0.020 | 6697731  | ND                  | 0.020 | 6697731  | ND                  | 0.020 | 6697731  |
| 1,1,1-Trichloroethane                                                                                                                 | ug/g  | ND                  | 0.050 | 6697731  | ND                  | 0.050 | 6697731  | ND                  | 0.050 | 6697731  |
| 1,1,2-Trichloroethane                                                                                                                 | ug/g  | ND                  | 0.050 | 6697731  | ND                  | 0.050 | 6697731  | ND                  | 0.050 | 6697731  |
| Trichloroethylene                                                                                                                     | ug/g  | ND                  | 0.050 | 6697731  | ND                  | 0.050 | 6697731  | ND                  | 0.050 | 6697731  |
| Trichlorofluoromethane (FREON 11)                                                                                                     | ug/g  | ND                  | 0.050 | 6697731  | ND                  | 0.050 | 6697731  | ND                  | 0.050 | 6697731  |
| Vinyl Chloride                                                                                                                        | ug/g  | ND                  | 0.020 | 6697731  | ND                  | 0.020 | 6697731  | ND                  | 0.020 | 6697731  |
| p+m-Xylene                                                                                                                            | ug/g  | ND                  | 0.020 | 6697731  | ND                  | 0.020 | 6697731  | ND                  | 0.020 | 6697731  |
| o-Xylene                                                                                                                              | ug/g  | ND                  | 0.020 | 6697731  | ND                  | 0.020 | 6697731  | ND                  | 0.020 | 6697731  |
| Total Xylenes                                                                                                                         | ug/g  | ND                  | 0.020 | 6697731  | ND                  | 0.020 | 6697731  | ND                  | 0.020 | 6697731  |
| F1 (C6-C10)                                                                                                                           | ug/g  | ND                  | 10    | 6697731  | ND                  | 10    | 6697731  | ND                  | 10    | 6697731  |
| F1 (C6-C10) - BTEX                                                                                                                    | ug/g  | ND                  | 10    | 6697731  | ND                  | 10    | 6697731  | ND                  | 10    | 6697731  |
| <b>F2-F4 Hydrocarbons</b>                                                                                                             |       |                     |       |          |                     |       |          |                     |       |          |
| F2 (C10-C16 Hydrocarbons)                                                                                                             | ug/g  | ND                  | 10    | 6697505  |                     |       |          | ND                  | 10    | 6697505  |
| F3 (C16-C34 Hydrocarbons)                                                                                                             | ug/g  | ND                  | 50    | 6697505  |                     |       |          | ND                  | 50    | 6697505  |
| F4 (C34-C50 Hydrocarbons)                                                                                                             | ug/g  | ND                  | 50    | 6697505  |                     |       |          | ND                  | 50    | 6697505  |
| Reached Baseline at C50                                                                                                               | ug/g  | Yes                 |       | 6697505  |                     |       |          | Yes                 |       | 6697505  |
| <b>Surrogate Recovery (%)</b>                                                                                                         |       |                     |       |          |                     |       |          |                     |       |          |
| o-Terphenyl                                                                                                                           | %     | 97                  |       | 6697505  |                     |       |          | 98                  |       | 6697505  |
| 4-Bromofluorobenzene                                                                                                                  | %     | 94                  |       | 6697731  | 95                  |       | 6697731  | 93                  |       | 6697731  |
| D10-o-Xylene                                                                                                                          | %     | 115                 |       | 6697731  | 112                 |       | 6697731  | 122                 |       | 6697731  |
| D4-1,2-Dichloroethane                                                                                                                 | %     | 96                  |       | 6697731  | 99                  |       | 6697731  | 98                  |       | 6697731  |
| D8-Toluene                                                                                                                            | %     | 101                 |       | 6697731  | 99                  |       | 6697731  | 100                 |       | 6697731  |
| RDL = Reportable Detection Limit<br>QC Batch = Quality Control Batch<br>Lab-Dup = Laboratory Initiated Duplicate<br>ND = Not detected |       |                     |       |          |                     |       |          |                     |       |          |



BUREAU  
VERITAS

BV Labs Job #: COA1969  
Report Date: 2020/04/27

Terrapex Environmental Ltd  
Client Project #: CT2998.05  
Site Location: 15 DENISON AVE  
Sampler Initials: NS

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

|                                                                                                                                       |              |                            |            |                 |
|---------------------------------------------------------------------------------------------------------------------------------------|--------------|----------------------------|------------|-----------------|
| <b>BV Labs ID</b>                                                                                                                     |              | MMW529                     |            |                 |
| <b>Sampling Date</b>                                                                                                                  |              | 2020/04/22<br>15:20        |            |                 |
| <b>COC Number</b>                                                                                                                     |              | 130350                     |            |                 |
|                                                                                                                                       | <b>UNITS</b> | <b>BH104-6<br/>Lab-Dup</b> | <b>RDL</b> | <b>QC Batch</b> |
| <b>F2-F4 Hydrocarbons</b>                                                                                                             |              |                            |            |                 |
| F2 (C10-C16 Hydrocarbons)                                                                                                             | ug/g         | ND                         | 10         | 6697505         |
| F3 (C16-C34 Hydrocarbons)                                                                                                             | ug/g         | ND                         | 50         | 6697505         |
| F4 (C34-C50 Hydrocarbons)                                                                                                             | ug/g         | ND                         | 50         | 6697505         |
| Reached Baseline at C50                                                                                                               | ug/g         | Yes                        |            | 6697505         |
| <b>Surrogate Recovery (%)</b>                                                                                                         |              |                            |            |                 |
| o-Terphenyl                                                                                                                           | %            | 99                         |            | 6697505         |
| RDL = Reportable Detection Limit<br>QC Batch = Quality Control Batch<br>Lab-Dup = Laboratory Initiated Duplicate<br>ND = Not detected |              |                            |            |                 |

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VERITASBV Labs Job #: COA1969  
Report Date: 2020/04/27Terrapex Environmental Ltd  
Client Project #: CT2998.05  
Site Location: 15 DENISON AVE  
Sampler Initials: NS

## TEST SUMMARY

BV Labs ID: MMW528  
Sample ID: BH104-1B  
Matrix: SoilCollected: 2020/04/22  
Shipped:  
Received: 2020/04/24

| Test Description                       | Instrumentation | Batch   | Extracted  | Date Analyzed | Analyst            |
|----------------------------------------|-----------------|---------|------------|---------------|--------------------|
| Methylnaphthalene Sum                  | CALC            | 6695754 | N/A        | 2020/04/26    | Automated Statchk  |
| Hot Water Extractable Boron            | ICP             | 6698478 | 2020/04/27 | 2020/04/27    | Archana Patel      |
| 1,3-Dichloropropene Sum                | CALC            | 6695755 | N/A        | 2020/04/27    | Automated Statchk  |
| Free (WAD) Cyanide                     | TECH            | 6696928 | 2020/04/24 | 2020/04/27    | Gnana Thomas       |
| Conductivity                           | AT              | 6698475 | 2020/04/27 | 2020/04/27    | Surinder Rai       |
| Hexavalent Chromium in Soil by IC      | IC/SPEC         | 6696943 | 2020/04/24 | 2020/04/27    | Violeta Porcila    |
| Petroleum Hydrocarbons F2-F4 in Soil   | GC/FID          | 6697505 | 2020/04/25 | 2020/04/26    | Prabhjot Gulati    |
| Strong Acid Leachable Metals by ICPMS  | ICP/MS          | 6698466 | 2020/04/27 | 2020/04/27    | Viviana Canzonieri |
| Moisture                               | BAL             | 6696791 | N/A        | 2020/04/24    | Min Yang           |
| PAH Compounds in Soil by GC/MS (SIM)   | GC/MS           | 6697537 | 2020/04/25 | 2020/04/25    | Jett Wu            |
| pH CaCl2 EXTRACT                       | AT              | 6698688 | 2020/04/27 | 2020/04/27    | Surinder Rai       |
| Sodium Adsorption Ratio (SAR)          | CALC/MET        | 6695977 | N/A        | 2020/04/27    | Automated Statchk  |
| Volatile Organic Compounds and F1 PHCs | GC/MSFD         | 6697731 | N/A        | 2020/04/26    | Anna Gabrielyan    |

BV Labs ID: MMW528 Dup  
Sample ID: BH104-1B  
Matrix: SoilCollected: 2020/04/22  
Shipped:  
Received: 2020/04/24

| Test Description                       | Instrumentation | Batch   | Extracted  | Date Analyzed | Analyst         |
|----------------------------------------|-----------------|---------|------------|---------------|-----------------|
| Conductivity                           | AT              | 6698475 | 2020/04/27 | 2020/04/27    | Surinder Rai    |
| Volatile Organic Compounds and F1 PHCs | GC/MSFD         | 6697731 | N/A        | 2020/04/26    | Anna Gabrielyan |

BV Labs ID: MMW529  
Sample ID: BH104-6  
Matrix: SoilCollected: 2020/04/22  
Shipped:  
Received: 2020/04/24

| Test Description                       | Instrumentation | Batch   | Extracted  | Date Analyzed | Analyst            |
|----------------------------------------|-----------------|---------|------------|---------------|--------------------|
| Methylnaphthalene Sum                  | CALC            | 6695754 | N/A        | 2020/04/26    | Automated Statchk  |
| Hot Water Extractable Boron            | ICP             | 6698478 | 2020/04/27 | 2020/04/27    | Archana Patel      |
| 1,3-Dichloropropene Sum                | CALC            | 6695755 | N/A        | 2020/04/27    | Automated Statchk  |
| Free (WAD) Cyanide                     | TECH            | 6696928 | 2020/04/24 | 2020/04/27    | Gnana Thomas       |
| Conductivity                           | AT              | 6698475 | 2020/04/27 | 2020/04/27    | Surinder Rai       |
| Hexavalent Chromium in Soil by IC      | IC/SPEC         | 6696943 | 2020/04/24 | 2020/04/27    | Violeta Porcila    |
| Petroleum Hydrocarbons F2-F4 in Soil   | GC/FID          | 6697505 | 2020/04/25 | 2020/04/26    | Prabhjot Gulati    |
| Strong Acid Leachable Metals by ICPMS  | ICP/MS          | 6698466 | 2020/04/27 | 2020/04/27    | Viviana Canzonieri |
| Moisture                               | BAL             | 6696791 | N/A        | 2020/04/24    | Min Yang           |
| PAH Compounds in Soil by GC/MS (SIM)   | GC/MS           | 6697537 | 2020/04/25 | 2020/04/25    | Jett Wu            |
| pH CaCl2 EXTRACT                       | AT              | 6698688 | 2020/04/27 | 2020/04/27    | Surinder Rai       |
| Sodium Adsorption Ratio (SAR)          | CALC/MET        | 6695977 | N/A        | 2020/04/27    | Automated Statchk  |
| Volatile Organic Compounds and F1 PHCs | GC/MSFD         | 6697731 | N/A        | 2020/04/26    | Anna Gabrielyan    |



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VERITAS

BV Labs Job #: COA1969  
Report Date: 2020/04/27

Terrapex Environmental Ltd  
Client Project #: CT2998.05  
Site Location: 15 DENISON AVE  
Sampler Initials: NS

## TEST SUMMARY

**BV Labs ID:** MMW529 Dup  
**Sample ID:** BH104-6  
**Matrix:** Soil

**Collected:** 2020/04/22  
**Shipped:**  
**Received:** 2020/04/24

| Test Description                     | Instrumentation | Batch   | Extracted  | Date Analyzed | Analyst         |
|--------------------------------------|-----------------|---------|------------|---------------|-----------------|
| Free (WAD) Cyanide                   | TECH            | 6696928 | 2020/04/24 | 2020/04/27    | Gnana Thomas    |
| Hexavalent Chromium in Soil by IC    | IC/SPEC         | 6696943 | 2020/04/24 | 2020/04/27    | Violeta Porcila |
| Petroleum Hydrocarbons F2-F4 in Soil | GC/FID          | 6697505 | 2020/04/25 | 2020/04/26    | Prabhjot Gulati |
| PAH Compounds in Soil by GC/MS (SIM) | GC/MS           | 6697537 | 2020/04/25 | 2020/04/25    | Jett Wu         |
| pH CaCl2 EXTRACT                     | AT              | 6698688 | 2020/04/27 | 2020/04/27    | Surinder Rai    |





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VERITAS

BV Labs Job #: COA1969  
Report Date: 2020/04/27

Terrapex Environmental Ltd  
Client Project #: CT2998.05  
Site Location: 15 DENISON AVE  
Sampler Initials: NS

### GENERAL COMMENTS

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

|           |       |
|-----------|-------|
| Package 1 | 6.7°C |
|-----------|-------|

**Results relate only to the items tested.**

BUREAU  
VERITAS

BV Labs Job #: C0A1969

Report Date: 2020/04/27

## QUALITY ASSURANCE REPORT

Terrapex Environmental Ltd

Client Project #: CT2998.05

Site Location: 15 DENISON AVE

Sampler Initials: NS

| QC Batch | Parameter                 | Date       | Matrix Spike |           | SPIKED BLANK |           | Method Blank   |       | RPD       |           |
|----------|---------------------------|------------|--------------|-----------|--------------|-----------|----------------|-------|-----------|-----------|
|          |                           |            | % Recovery   | QC Limits | % Recovery   | QC Limits | Value          | UNITS | Value (%) | QC Limits |
| 6697505  | o-Terphenyl               | 2020/04/26 | 97           | 60 - 130  | 96           | 60 - 130  | 91             | %     |           |           |
| 6697537  | D10-Anthracene            | 2020/04/25 | 104          | 50 - 130  | 112          | 50 - 130  | 103            | %     |           |           |
| 6697537  | D14-Terphenyl (FS)        | 2020/04/25 | 98           | 50 - 130  | 99           | 50 - 130  | 92             | %     |           |           |
| 6697537  | D8-Acenaphthylene         | 2020/04/25 | 97           | 50 - 130  | 100          | 50 - 130  | 96             | %     |           |           |
| 6697731  | 4-Bromofluorobenzene      | 2020/04/26 | 100          | 60 - 140  | 102          | 60 - 140  | 93             | %     |           |           |
| 6697731  | D10-o-Xylene              | 2020/04/26 | 120          | 60 - 130  | 104          | 60 - 130  | 110            | %     |           |           |
| 6697731  | D4-1,2-Dichloroethane     | 2020/04/26 | 97           | 60 - 140  | 99           | 60 - 140  | 97             | %     |           |           |
| 6697731  | D8-Toluene                | 2020/04/26 | 106          | 60 - 140  | 103          | 60 - 140  | 98             | %     |           |           |
| 6696791  | Moisture                  | 2020/04/24 |              |           |              |           |                |       | 2.8       | 20        |
| 6696928  | WAD Cyanide (Free)        | 2020/04/27 | 90           | 75 - 125  | 96           | 80 - 120  | ND, RDL=0.01   | ug/g  | 0.60      | 35        |
| 6696943  | Chromium (VI)             | 2020/04/27 | 45 (1)       | 70 - 130  | 88           | 80 - 120  | ND, RDL=0.18   | ug/g  | NC        | 35        |
| 6697505  | F2 (C10-C16 Hydrocarbons) | 2020/04/26 | 101          | 50 - 130  | 100          | 80 - 120  | ND, RDL=10     | ug/g  | NC        | 30        |
| 6697505  | F3 (C16-C34 Hydrocarbons) | 2020/04/26 | 107          | 50 - 130  | 106          | 80 - 120  | ND, RDL=50     | ug/g  | NC        | 30        |
| 6697505  | F4 (C34-C50 Hydrocarbons) | 2020/04/26 | 106          | 50 - 130  | 104          | 80 - 120  | ND, RDL=50     | ug/g  | NC        | 30        |
| 6697537  | 1-Methylnaphthalene       | 2020/04/25 | 106          | 50 - 130  | 114          | 50 - 130  | ND, RDL=0.0050 | ug/g  | NC        | 40        |
| 6697537  | 2-Methylnaphthalene       | 2020/04/25 | 99           | 50 - 130  | 107          | 50 - 130  | ND, RDL=0.0050 | ug/g  | NC        | 40        |
| 6697537  | Acenaphthene              | 2020/04/25 | 97           | 50 - 130  | 100          | 50 - 130  | ND, RDL=0.0050 | ug/g  | NC        | 40        |
| 6697537  | Acenaphthylene            | 2020/04/25 | 97           | 50 - 130  | 102          | 50 - 130  | ND, RDL=0.0050 | ug/g  | NC        | 40        |
| 6697537  | Anthracene                | 2020/04/25 | 100          | 50 - 130  | 102          | 50 - 130  | ND, RDL=0.0050 | ug/g  | NC        | 40        |
| 6697537  | Benzo(a)anthracene        | 2020/04/25 | 110          | 50 - 130  | 115          | 50 - 130  | ND, RDL=0.0050 | ug/g  | NC        | 40        |
| 6697537  | Benzo(a)pyrene            | 2020/04/25 | 96           | 50 - 130  | 99           | 50 - 130  | ND, RDL=0.0050 | ug/g  | NC        | 40        |
| 6697537  | Benzo(b/j)fluoranthene    | 2020/04/25 | 92           | 50 - 130  | 100          | 50 - 130  | ND, RDL=0.0050 | ug/g  | NC        | 40        |
| 6697537  | Benzo(g,h,i)perylene      | 2020/04/25 | 83           | 50 - 130  | 85           | 50 - 130  | ND, RDL=0.0050 | ug/g  | NC        | 40        |
| 6697537  | Benzo(k)fluoranthene      | 2020/04/25 | 93           | 50 - 130  | 99           | 50 - 130  | ND, RDL=0.0050 | ug/g  | NC        | 40        |
| 6697537  | Chrysene                  | 2020/04/25 | 100          | 50 - 130  | 107          | 50 - 130  | ND, RDL=0.0050 | ug/g  | NC        | 40        |
| 6697537  | Dibenzo(a,h)anthracene    | 2020/04/25 | 91           | 50 - 130  | 87           | 50 - 130  | ND, RDL=0.0050 | ug/g  | NC        | 40        |
| 6697537  | Fluoranthene              | 2020/04/25 | 105          | 50 - 130  | 111          | 50 - 130  | ND, RDL=0.0050 | ug/g  | NC        | 40        |
| 6697537  | Fluorene                  | 2020/04/25 | 99           | 50 - 130  | 100          | 50 - 130  | ND, RDL=0.0050 | ug/g  | NC        | 40        |
| 6697537  | Indeno(1,2,3-cd)pyrene    | 2020/04/25 | 91           | 50 - 130  | 91           | 50 - 130  | ND, RDL=0.0050 | ug/g  | NC        | 40        |
| 6697537  | Naphthalene               | 2020/04/25 | 86           | 50 - 130  | 95           | 50 - 130  | ND, RDL=0.0050 | ug/g  | NC        | 40        |
| 6697537  | Phenanthrene              | 2020/04/25 | 94           | 50 - 130  | 104          | 50 - 130  | ND, RDL=0.0050 | ug/g  | NC        | 40        |

BUREAU  
VERITAS

BV Labs Job #: COA1969

Report Date: 2020/04/27

## QUALITY ASSURANCE REPORT(CONT'D)

Terrapex Environmental Ltd

Client Project #: CT2998.05

Site Location: 15 DENISON AVE

Sampler Initials: NS

| QC Batch | Parameter                          | Date       | Matrix Spike |           | SPIKED BLANK |           | Method Blank   |       | RPD       |           |
|----------|------------------------------------|------------|--------------|-----------|--------------|-----------|----------------|-------|-----------|-----------|
|          |                                    |            | % Recovery   | QC Limits | % Recovery   | QC Limits | Value          | UNITS | Value (%) | QC Limits |
| 6697537  | Pyrene                             | 2020/04/25 | 101          | 50 - 130  | 108          | 50 - 130  | ND, RDL=0.0050 | ug/g  | NC        | 40        |
| 6697731  | 1,1,1,2-Tetrachloroethane          | 2020/04/26 | 101          | 60 - 140  | 98           | 60 - 130  | ND, RDL=0.050  | ug/g  | NC        | 50        |
| 6697731  | 1,1,1-Trichloroethane              | 2020/04/26 | 93           | 60 - 140  | 92           | 60 - 130  | ND, RDL=0.050  | ug/g  | NC        | 50        |
| 6697731  | 1,1,2,2-Tetrachloroethane          | 2020/04/26 | 98           | 60 - 140  | 101          | 60 - 130  | ND, RDL=0.050  | ug/g  | NC        | 50        |
| 6697731  | 1,1,2-Trichloroethane              | 2020/04/26 | 98           | 60 - 140  | 97           | 60 - 130  | ND, RDL=0.050  | ug/g  | NC        | 50        |
| 6697731  | 1,1-Dichloroethane                 | 2020/04/26 | 92           | 60 - 140  | 93           | 60 - 130  | ND, RDL=0.050  | ug/g  | NC        | 50        |
| 6697731  | 1,1-Dichloroethylene               | 2020/04/26 | 100          | 60 - 140  | 100          | 60 - 130  | ND, RDL=0.050  | ug/g  | NC        | 50        |
| 6697731  | 1,2-Dichlorobenzene                | 2020/04/26 | 95           | 60 - 140  | 90           | 60 - 130  | ND, RDL=0.050  | ug/g  | NC        | 50        |
| 6697731  | 1,2-Dichloroethane                 | 2020/04/26 | 92           | 60 - 140  | 96           | 60 - 130  | ND, RDL=0.050  | ug/g  | NC        | 50        |
| 6697731  | 1,2-Dichloropropane                | 2020/04/26 | 85           | 60 - 140  | 86           | 60 - 130  | ND, RDL=0.050  | ug/g  | NC        | 50        |
| 6697731  | 1,3-Dichlorobenzene                | 2020/04/26 | 98           | 60 - 140  | 93           | 60 - 130  | ND, RDL=0.050  | ug/g  | NC        | 50        |
| 6697731  | 1,4-Dichlorobenzene                | 2020/04/26 | 108          | 60 - 140  | 103          | 60 - 130  | ND, RDL=0.050  | ug/g  | NC        | 50        |
| 6697731  | Acetone (2-Propanone)              | 2020/04/26 | 66           | 60 - 140  | 96           | 60 - 140  | ND, RDL=0.50   | ug/g  | NC        | 50        |
| 6697731  | Benzene                            | 2020/04/26 | 93           | 60 - 140  | 94           | 60 - 130  | ND, RDL=0.020  | ug/g  | NC        | 50        |
| 6697731  | Bromodichloromethane               | 2020/04/26 | 86           | 60 - 140  | 87           | 60 - 130  | ND, RDL=0.050  | ug/g  | NC        | 50        |
| 6697731  | Bromoform                          | 2020/04/26 | 98           | 60 - 140  | 100          | 60 - 130  | ND, RDL=0.050  | ug/g  | NC        | 50        |
| 6697731  | Bromomethane                       | 2020/04/26 | 81           | 60 - 140  | 81           | 60 - 140  | ND, RDL=0.050  | ug/g  | NC        | 50        |
| 6697731  | Carbon Tetrachloride               | 2020/04/26 | 88           | 60 - 140  | 87           | 60 - 130  | ND, RDL=0.050  | ug/g  | NC        | 50        |
| 6697731  | Chlorobenzene                      | 2020/04/26 | 92           | 60 - 140  | 89           | 60 - 130  | ND, RDL=0.050  | ug/g  | NC        | 50        |
| 6697731  | Chloroform                         | 2020/04/26 | 86           | 60 - 140  | 87           | 60 - 130  | ND, RDL=0.050  | ug/g  | NC        | 50        |
| 6697731  | cis-1,2-Dichloroethylene           | 2020/04/26 | 88           | 60 - 140  | 88           | 60 - 130  | ND, RDL=0.050  | ug/g  | NC        | 50        |
| 6697731  | cis-1,3-Dichloropropene            | 2020/04/26 | 70           | 60 - 140  | 72           | 60 - 130  | ND, RDL=0.030  | ug/g  | NC        | 50        |
| 6697731  | Dibromochloromethane               | 2020/04/26 | 98           | 60 - 140  | 98           | 60 - 130  | ND, RDL=0.050  | ug/g  | NC        | 50        |
| 6697731  | Dichlorodifluoromethane (FREON 12) | 2020/04/26 | 83           | 60 - 140  | 80           | 60 - 140  | ND, RDL=0.050  | ug/g  | NC        | 50        |
| 6697731  | Ethylbenzene                       | 2020/04/26 | 95           | 60 - 140  | 92           | 60 - 130  | ND, RDL=0.020  | ug/g  | NC        | 50        |
| 6697731  | Ethylene Dibromide                 | 2020/04/26 | 96           | 60 - 140  | 97           | 60 - 130  | ND, RDL=0.050  | ug/g  | NC        | 50        |
| 6697731  | F1 (C6-C10) - BTEX                 | 2020/04/26 |              |           |              |           | ND, RDL=10     | ug/g  | NC        | 30        |
| 6697731  | F1 (C6-C10)                        | 2020/04/26 | 103          | 60 - 140  | 96           | 80 - 120  | ND, RDL=10     | ug/g  | NC        | 30        |
| 6697731  | Hexane                             | 2020/04/26 | 97           | 60 - 140  | 98           | 60 - 130  | ND, RDL=0.050  | ug/g  | NC        | 50        |
| 6697731  | Methyl Ethyl Ketone (2-Butanone)   | 2020/04/26 | 71           | 60 - 140  | 97           | 60 - 140  | ND, RDL=0.50   | ug/g  | NC        | 50        |
| 6697731  | Methyl Isobutyl Ketone             | 2020/04/26 | 82           | 60 - 140  | 97           | 60 - 130  | ND, RDL=0.50   | ug/g  | NC        | 50        |

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BV Labs Job #: COA1969

Report Date: 2020/04/27

## QUALITY ASSURANCE REPORT(CONT'D)

Terrapex Environmental Ltd

Client Project #: CT2998.05

Site Location: 15 DENISON AVE

Sampler Initials: NS

| QC Batch | Parameter                           | Date       | Matrix Spike |           | SPIKED BLANK |           | Method Blank  |       | RPD       |           |
|----------|-------------------------------------|------------|--------------|-----------|--------------|-----------|---------------|-------|-----------|-----------|
|          |                                     |            | % Recovery   | QC Limits | % Recovery   | QC Limits | Value         | UNITS | Value (%) | QC Limits |
| 6697731  | Methyl t-butyl ether (MTBE)         | 2020/04/26 | 82           | 60 - 140  | 85           | 60 - 130  | ND, RDL=0.050 | ug/g  | NC        | 50        |
| 6697731  | Methylene Chloride(Dichloromethane) | 2020/04/26 | 85           | 60 - 140  | 88           | 60 - 130  | ND, RDL=0.050 | ug/g  | NC        | 50        |
| 6697731  | o-Xylene                            | 2020/04/26 | 99           | 60 - 140  | 94           | 60 - 130  | ND, RDL=0.020 | ug/g  | NC        | 50        |
| 6697731  | p+m-Xylene                          | 2020/04/26 | 103          | 60 - 140  | 99           | 60 - 130  | ND, RDL=0.020 | ug/g  | NC        | 50        |
| 6697731  | Styrene                             | 2020/04/26 | 99           | 60 - 140  | 97           | 60 - 130  | ND, RDL=0.050 | ug/g  | NC        | 50        |
| 6697731  | Tetrachloroethylene                 | 2020/04/26 | 92           | 60 - 140  | 87           | 60 - 130  | ND, RDL=0.050 | ug/g  | NC        | 50        |
| 6697731  | Toluene                             | 2020/04/26 | 101          | 60 - 140  | 98           | 60 - 130  | ND, RDL=0.020 | ug/g  | NC        | 50        |
| 6697731  | Total Xylenes                       | 2020/04/26 |              |           |              |           | ND, RDL=0.020 | ug/g  | NC        | 50        |
| 6697731  | trans-1,2-Dichloroethylene          | 2020/04/26 | 92           | 60 - 140  | 92           | 60 - 130  | ND, RDL=0.050 | ug/g  | NC        | 50        |
| 6697731  | trans-1,3-Dichloropropene           | 2020/04/26 | 71           | 60 - 140  | 71           | 60 - 130  | ND, RDL=0.040 | ug/g  | NC        | 50        |
| 6697731  | Trichloroethylene                   | 2020/04/26 | 94           | 60 - 140  | 94           | 60 - 130  | ND, RDL=0.050 | ug/g  | NC        | 50        |
| 6697731  | Trichlorofluoromethane (FREON 11)   | 2020/04/26 | 93           | 60 - 140  | 93           | 60 - 130  | ND, RDL=0.050 | ug/g  | NC        | 50        |
| 6697731  | Vinyl Chloride                      | 2020/04/26 | 105          | 60 - 140  | 102          | 60 - 130  | ND, RDL=0.020 | ug/g  | NC        | 50        |
| 6698466  | Acid Extractable Antimony (Sb)      | 2020/04/27 | 89           | 75 - 125  | 103          | 80 - 120  | ND, RDL=0.20  | ug/g  | 7.8       | 30        |
| 6698466  | Acid Extractable Arsenic (As)       | 2020/04/27 | 102          | 75 - 125  | 104          | 80 - 120  | ND, RDL=1.0   | ug/g  | 4.7       | 30        |
| 6698466  | Acid Extractable Barium (Ba)        | 2020/04/27 | NC           | 75 - 125  | 101          | 80 - 120  | ND, RDL=0.50  | ug/g  | 1.2       | 30        |
| 6698466  | Acid Extractable Beryllium (Be)     | 2020/04/27 | 104          | 75 - 125  | 104          | 80 - 120  | ND, RDL=0.20  | ug/g  | 1.5       | 30        |
| 6698466  | Acid Extractable Boron (B)          | 2020/04/27 | 93           | 75 - 125  | 103          | 80 - 120  | ND, RDL=5.0   | ug/g  | 4.7       | 30        |
| 6698466  | Acid Extractable Cadmium (Cd)       | 2020/04/27 | 102          | 75 - 125  | 100          | 80 - 120  | ND, RDL=0.10  | ug/g  | 13        | 30        |
| 6698466  | Acid Extractable Chromium (Cr)      | 2020/04/27 | 102          | 75 - 125  | 99           | 80 - 120  | ND, RDL=1.0   | ug/g  | 1.6       | 30        |
| 6698466  | Acid Extractable Cobalt (Co)        | 2020/04/27 | 99           | 75 - 125  | 99           | 80 - 120  | ND, RDL=0.10  | ug/g  | 2.1       | 30        |
| 6698466  | Acid Extractable Copper (Cu)        | 2020/04/27 | NC           | 75 - 125  | 100          | 80 - 120  | ND, RDL=0.50  | ug/g  | 13        | 30        |
| 6698466  | Acid Extractable Lead (Pb)          | 2020/04/27 | 98           | 75 - 125  | 101          | 80 - 120  | ND, RDL=1.0   | ug/g  | 0.56      | 30        |
| 6698466  | Acid Extractable Mercury (Hg)       | 2020/04/27 | 93           | 75 - 125  | 95           | 80 - 120  | ND, RDL=0.050 | ug/g  | NC        | 30        |
| 6698466  | Acid Extractable Molybdenum (Mo)    | 2020/04/27 | 99           | 75 - 125  | 101          | 80 - 120  | ND, RDL=0.50  | ug/g  | 3.1       | 30        |
| 6698466  | Acid Extractable Nickel (Ni)        | 2020/04/27 | 97           | 75 - 125  | 97           | 80 - 120  | ND, RDL=0.50  | ug/g  | 1.5       | 30        |
| 6698466  | Acid Extractable Selenium (Se)      | 2020/04/27 | 102          | 75 - 125  | 103          | 80 - 120  | ND, RDL=0.50  | ug/g  | NC        | 30        |
| 6698466  | Acid Extractable Silver (Ag)        | 2020/04/27 | 104          | 75 - 125  | 102          | 80 - 120  | ND, RDL=0.20  | ug/g  | NC        | 30        |
| 6698466  | Acid Extractable Thallium (Tl)      | 2020/04/27 | 99           | 75 - 125  | 100          | 80 - 120  | ND, RDL=0.050 | ug/g  | 4.9       | 30        |
| 6698466  | Acid Extractable Uranium (U)        | 2020/04/27 | 102          | 75 - 125  | 101          | 80 - 120  | ND, RDL=0.050 | ug/g  | 1.3       | 30        |
| 6698466  | Acid Extractable Vanadium (V)       | 2020/04/27 | NC           | 75 - 125  | 102          | 80 - 120  | ND, RDL=5.0   | ug/g  | 4.6       | 30        |



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BV Labs Job #: C0A1969

Report Date: 2020/04/27

## QUALITY ASSURANCE REPORT(CONT'D)

Terrapex Environmental Ltd

Client Project #: CT2998.05

Site Location: 15 DENISON AVE

Sampler Initials: NS

| QC Batch | Parameter                  | Date       | Matrix Spike |           | SPIKED BLANK |           | Method Blank  |       | RPD       |           |
|----------|----------------------------|------------|--------------|-----------|--------------|-----------|---------------|-------|-----------|-----------|
|          |                            |            | % Recovery   | QC Limits | % Recovery   | QC Limits | Value         | UNITS | Value (%) | QC Limits |
| 6698466  | Acid Extractable Zinc (Zn) | 2020/04/27 | NC           | 75 - 125  | 101          | 80 - 120  | ND, RDL=5.0   | ug/g  | 1.0       | 30        |
| 6698475  | Conductivity               | 2020/04/27 |              |           | 103          | 90 - 110  | ND, RDL=0.002 | mS/cm | 0         | 10        |
| 6698478  | Hot Water Ext. Boron (B)   | 2020/04/27 | 104          | 75 - 125  | 107          | 75 - 125  | ND, RDL=0.050 | ug/g  | 4.0       | 40        |
| 6698688  | Available (CaCl2) pH       | 2020/04/27 |              |           | 101          | 97 - 103  |               |       | 2.2       | N/A       |

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  $\leq 2 \times$  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 sample was reanalyzed with the same results.



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### VALIDATION SIGNATURE PAGE

The analytical data and all QC contained in this report were reviewed and validated by the following individual(s).

Anastassia Hamanov, Scientific Specialist

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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.



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COC-1004 (01/19)

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