December 20, 2022
CT3639.00

Fora Developments Inc.
2440 Dundas Street West
Suite 200
Toronto, Ontario
M6P 1W9

Attention: Ms. Elsa Fancello, EVP, Development

sent via email: *Elsa@foradevelopements.com*

Re: Contaminant Site Assessment
1856-1856A Keele Street and 2636 – 2654 Eglinton Avenue West, Toronto, Ontario

Dear Ms. Fancello:

Terrapex Environmental Ltd. (Terrapex) was retained by Fora Developments (Fora) to undertake a Contaminated Site Assessment related to the proposed residential redevelopment of 1856-1856A Keele Street and 2636 – 2654 Eglinton Avenue West in Toronto, Ontario (the Site). The Site is located at the northwest corner of Keele Street and Eglinton Avenue West (Figure 1).

The objective of the Contaminated Site Assessment documented herein is to provide a summary of known and potential concerns related to the environmental quality of soil and groundwater at the Site, and to provide a discussion of any additional environmental investigations anticipated to be necessary to help facilitate the proposed development of the Site, including the road widening conveyance to the City of Toronto.

BACKGROUND

The Site is rectangular and measures approximately 0.14 Hectares (1,352.6 m^2). The western portion of the Site (2654 Eglinton Avenue West) is developed with a one storey building with basement and is occupied by a discount retail store (Dollar Tree). The eastern portion of the Site is developed with two two-storey buildings, each with a basement, occupied by various commercial tenants (i.e., beauty salons and restaurant) on the ground floor and residential tenants on the second floor. The exterior areas of the Site are covered by asphalt and concrete. Access to the Site is from Keele Street to the East, Eglinton Avenue West to the south, and a public laneway to the north. The general Site layout is shown in Figure 2.

The surrounding properties are of mixed land uses with residential uses to the north and northeast, intuitional to the northwest, commercial uses to the west, east, and south.

It is understood that Fora is proposing to redevelop the Site for residential use that would include four underground levels. It should be noted that a narrow strip of land along the south property line and at the southeast corner of the Site is subject to a road widening conveyance to the City of Toronto. The area to be conveyed is shown on Figures 2 through 5. A Plan of Survey and drawings of the proposed redevelopment of the Site are included Appendix I.

Given the existing commercial use of the Site, per Section 168.3.1 of the *Environmental Protection Act,* it will be necessary to file a Record of Site Condition (RSC) to change the land use to residential from commercial.

ENVIRONMENTAL INVESTIGATIONS

Terrapex prepared the following environmental report:

- *Phase One Environmental Site Assessment, 1856-1856A Keele Street and 2636-2654 Eglinton Avenue West, Toronto, Ontario*, dated November 2, 2022.

CONTAMINATED SITE ASSESSMENT

Site History

Based on the findings of the previous investigation referenced above, the first development at the Site was assessed to have occurred around 1954, prior to which the Site was vacant or used for agricultural/residential purposes.

The original development comprised of the conjoined buildings that encompass the entire footprint of the Site, adjacent to a laneway on the north side of the buildings. The 2654 Eglinton Avenue West property underwent renovations between 2012 and 2013.

Historical tenants identified at the Site include: Image beauty supply, and multiple supermarkets.

Current tenants identified at the Site include: Dollar Tree, a hair salon, Jin Jin’s Nail Salon, Metro pizza and chicken, Sam Woode (office), and three residential units.

Areas of Potential Environmental Concern

Based on the information that was collected and reviewed as part of the Phase One Environmental Site Assessment (ESA), the following areas of potential environmental concern (APECs) have been identified at the Site:

APEC 1: Northeastern corner of the Site. An oil-fired water heating system is present on the Site in 1962. During the Site reconnaissance, an above-ground storage tank (AST) was also identified on the 1856 Keele Street portion of the Site.

APEC 2: Northern portion of the building at the 2654 Eglinton Avenue West. A spill of 5 L of transformer oil to the vault and drain due to equipment failure.

APEC 3: 2636 Eglinton Avenue West portion of the Site. Photography and printing studios have been historically present at the Site at 2636 Eglinton Avenue West.

APEC 4: 2642 Eglinton Avenue West portion of the Site. A textile operation identified as Enza Fashion and Textiles operated on the 2642 Eglinton Avenue West portion of the Site in 1962.

APEC 5: Western property boundary. An automotive service garage was historically present at the location of 2660 Eglinton Avenue West.

APEC 6: Western property boundary. Imperial Oil received a permit to develop a gas station in 1949.

APEC 7: Northwestern property boundary. Toronto Transit Commission is registered as a car wash. Delsan is also registered as a generator of oil skimmings and sludges at 111 Yore Road.

APEC 8: Entire Site. Fill materials could be associated with the historical re-grading associated with various developments and additions on the Site.

APEC 9: 1856 Keele Street portion of the Site. An electronic repair and service business operated at the 1856 Keele Street portion of the Site between 1970 and at least 2001.

APEC 10: Eastern and southern property boundary. Several dry cleaning operations were presented east, southeast, and south of the Site.

The locations of these APECs are shown in Figure 3.

Summary of Environmental Investigation

A preliminary environmental investigation was conducted in the accessible areas of the Site between October 24, 2022 and November 17, 2022 and consisted of drilling one exterior borehole (MW101) and three interior boreholes (BH102, MW201 and MW202) to depths ranging between 4.8 m and 8.2 m below grade. Monitoring wells were installed in the exterior borehole (MW101) and two of the interior boreholes (MW201 and MW202). The sampling locations are shown in Figure 2.

A total of twelve soil samples were submitted for chemical analysis of one or more of the following parameters: petroleum hydrocarbon (PHC) fractions F1 to F4, volatile organic compounds (VOCs), polycyclic aromatic hydrocarbons (PAHs), and metallic and inorganic parameters. These parameters were selected based on the preliminary findings for the APECs at the Site.

The groundwater levels were monitored on November 1, 2022, November 25, 2022, and November 28, 2022. Results of the groundwater monitoring events are summarized in Table 1. Based on surface topography and proximity of Black Creek, situated approximately 500 m to the west, local groundwater flow is inferred to be in a southwesterly direction.

Groundwater samples were collected from the three new monitoring wells and submitted for chemical analysis of petroleum hydrocarbon (PHC) fractions F1 to F4, volatile organic compounds (VOCs), polycyclic aromatic hydrocarbons (PAHs), and metallic and inorganic parameters. These parameters were selected based on the preliminary findings for the APECs at the Site.

Soil Results

The soil stratigraphy at the Site consists of asphalt or concrete overlaying fill material that extends to approximate depths ranging from 1.5 to 3.05 m below ground surface (bgs). The fill material consists of silty sand with varying amounts of sand and trace gravel. The native material below the fill consists of interbeds of silty sand and silty clay that extends to a depth of approximately 8.2 m bgs, the maximum depth of the investigation activities. Bedrock was not encountered during the drilling program.

Soil analytical results for the samples collected by Terrapex are summarized in Tables 2 through 5 and shown on Figure 4, with laboratory certificates of analysis included in Appendix II. As indicated on the tables and figure, concentrations of all parameters in the analysed soil samples were below the generic Ontario Ministry of the Environment, Conservation and Parks (MECP) Table 3 Site Condition Standards (SCSs) that would apply to the proposed residential mixed-use development[1], with the exception of:

- electrical conductivity (EC) in the soil samples MW101-2, MW2000 (field duplicate of MW101-2), BH102-2, MW201-2, MW202-2, and MW202-4; and,
- sodium absorption ratio (SAR) in the soil samples MW101-2, MW2000 (field duplicate of MW101-2), BH102-2, MW202-2, and MW202-4.

[1] Specifically, the generic Site Condition Standards applicable to residential, parkland, and institutional property use in a non-potable groundwater situation and medium and fine-textured soil that are listed in Table 3 of the April 15, 2011 *Soil, Ground Water and Sediment Standards for Use Under Part XV.1 of the Environmental Protection Act*.

Elevated EC and SAR within soil in urban areas often results from the placement of salt on ground surfaces for snow and ice control purposes. Given that there are no other known potential sources of EC and SAR impacts to soil at the Site, the elevated EC and SAR levels identified in the samples are attributed to the parking area in the north portion of the Site and the adjacent municipal roads Keele Street and Eglinton Avenue West, extending along the east and west Site boundaries, respectively.

Per Section 49.1 of O. Reg. 153/04, a concentration of a parameter greater than a Site Condition Standard is not considered an exceedance of the standard if it resulted solely from the application of a substance on ground surfaces for the safety of vehicular and pedestrian traffic under conditions of snow or ice or both. Consequently, it is not expected that it will be necessary to undertake any remedial measures to address salt-related impacts at the Site.

Based on the initial soil sampling results, no contaminants of concern have been identified in the soil at the Site.

Groundwater Results

Groundwater analytical results for the samples collected by Terrapex are summarized in Tables 6 through 9 and shown on Figure 5, with laboratory certificates of analysis included in Appendix II. As indicated on the tables and figure, concentrations of all parameters in the analysed groundwater samples were below the Table 3 SCSs.

Based on the initial groundwater sampling results, no contaminants of concern have been identified in the groundwater at the Site.

CONCLUSION

The intrusive investigation completed to date at the Site has not identified conditions that would be considered exceedances of the applicable MECP SCSs.

Terrapex is in the process of completing a Phase Two ESA in accordance with the requirements of O.Reg 153/04 for the purposes of filing a RSC for the Site. It should be noted, however, that some of the identified APECs at the Site can not be investigated until after the existing buildings have been demolished.

CLOSURE

The work program documented herein was conducted in accordance with the terms of reference for this undertaking, agreed upon by Fora Developments Inc. and Terrapex Environmental Ltd.

Terrapex Environmental Ltd. has exercised due care, diligence, and judgement in the performance of the work; however, studies of this nature have inherent limitations. This report is intended to provide only a general assessment of the environmental conditions encountered at the Site. By necessity, the findings and observations regarding actual or potential contamination of the property are based solely on the extent of observations and information gathered during the work program, and subsequent investigations of differing scope may reveal conflicting results. Findings and observations may also change with the passage of time. The assessment was also limited to a study of those chemical parameters specifically addressed in this report. By necessity, except where explicitly noted, we have relied upon the accuracy and completeness of information presented by said third parties, regardless of any disclaimers regarding reliance provided in the documentation subjected to peer review. Terrapex Environmental Ltd. does not assume any responsibility for errors, omissions, or other limitations pertaining to third party work programs.

This report has been prepared for the sole use of Fora Developments Inc. 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 Fora Developments Inc.

We trust this letter meets your current requirements. However, should you have any questions or require clarification, please do not hesitate to contact the undersigned.

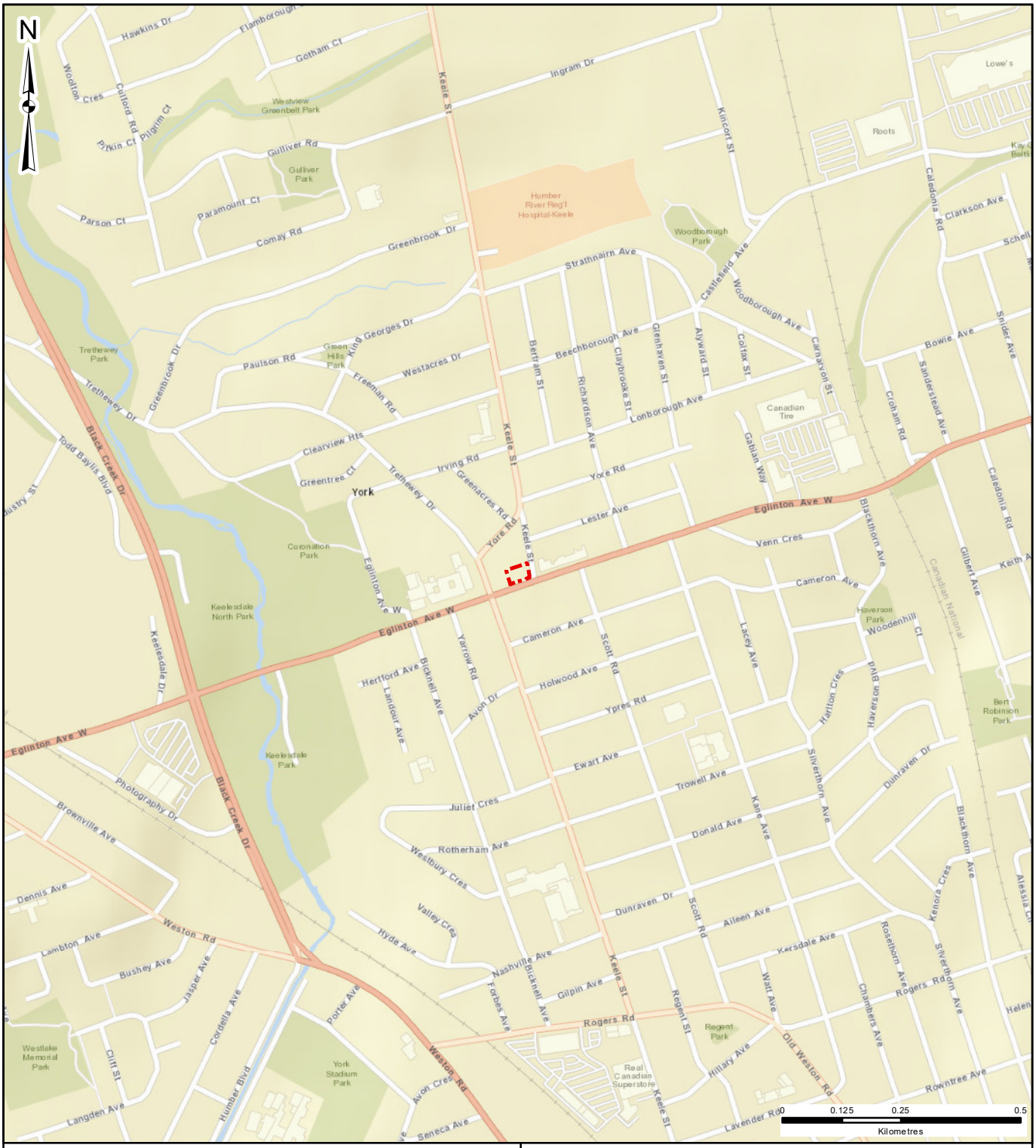
Sincerely,
TERRAPEX ENVIRONMENTAL LTD.

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

David R. Crawford, P.Geo., QP_{ESA}
Senior Project Manager

Attachments:
- Figures
- Analytical Summary Tables
- Appendix I – Plan of Survey and Proposed Development Plans
- Appendix II – Laboratory Certificates of Analysis

FIGURES



LEGEND

SITE BOUNDARY

DATA SOURCE: ESRI
MAP PROJECTION: NAD 1983 UTM Zone 17N

CLIENT: FORA DEVELOPMENTS

SITE LOCATION: 1856-1856A KEELE STREET AND 2636-2654 EGLINTON AVENUE WEST TORONTO, ONTARIO

TERRAPEX

TITLE: **SITE LOCATION**

DRAWN BY: JS	PROJECT NO.: CT3639.00	CHECKED BY: MD
REVISION: 00	DATE: DECEMBER 2022	**FIGURE: 1**

jserroul C:\Users\JSerroul\OneDrive - Terrapex Environmental Ltd\PROJECTS\Toronto\CT3600\CT3639.00 2636-2654 Eglinton Ave W, Toronto\MXD\CONTAMINATED SITE ASSESSMENT\CT3639.00 FIG 1 SITE LOCATION.mxd

LEGEND

- SITE BOUNDARY
- PARCELS
- LANDS TO BE CONVEYED TO THE CITY OF TORONTO
- BOREHOLE
- MONITORING WELL

0 5 10 15
Metres

DATA SOURCE: CITY OF TORONTO
MAP PROJECTION: NAD 1983 UTM ZONE 17N

CLIENT: FORA DEVELOPMENTS

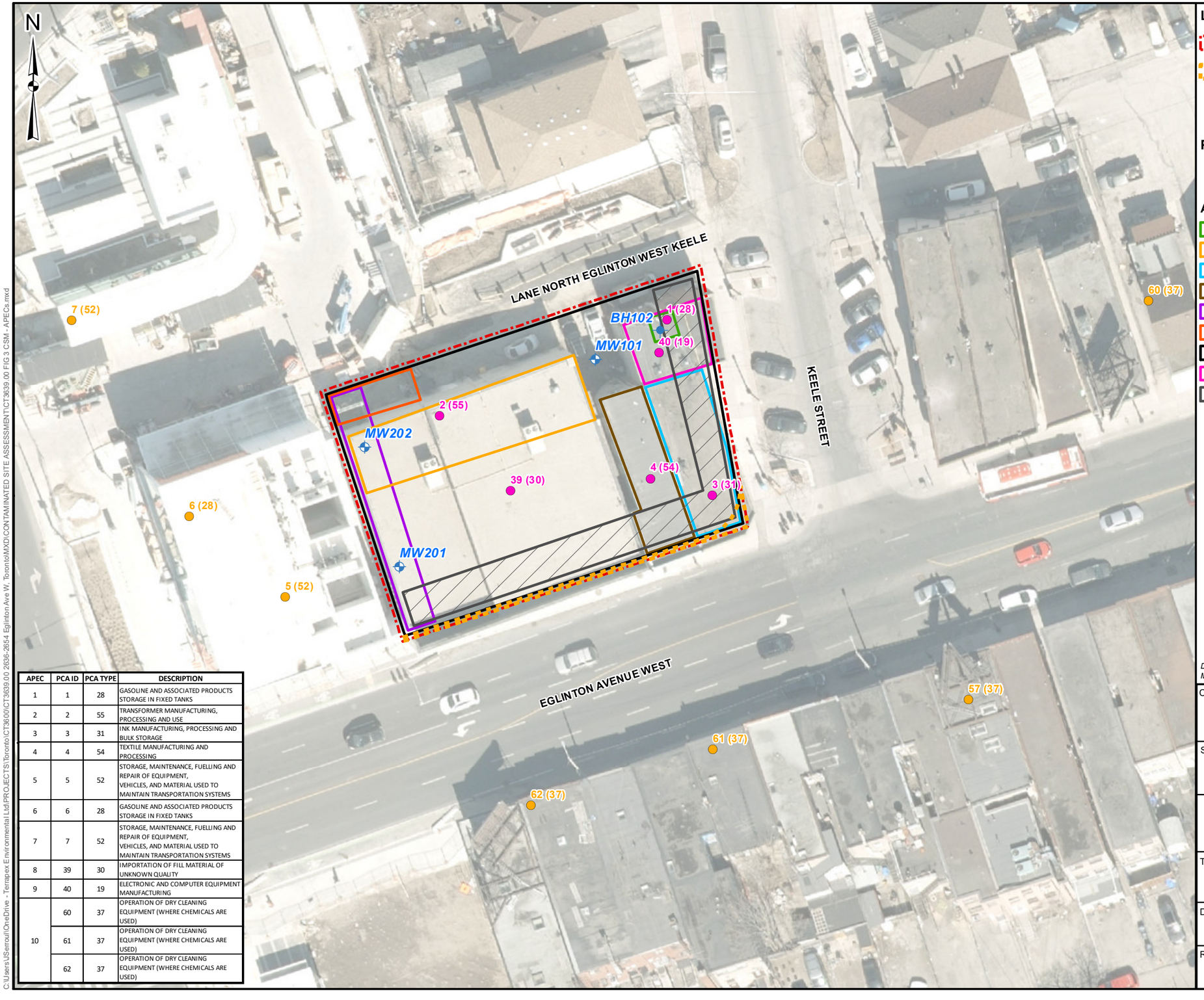
SITE LOCATION: 1856-1856A KEELE STREET AND 2636-2654 EGLINTON AVENUE WEST TORONTO, ONTARIO

TERRAPEX

TITLE: **GENERAL SITE LAYOUT**

DRAWN BY:	PROJECT NO.:	CHECKED BY:
JS	CT3639.00	MD
REVISION: 00	DATE: DECEMBER 2022	FIGURE: **2**

C:\Users\JSerrou\OneDrive - Terrapex Environmental Ltd\PROJECTS\Toronto\CT3600\CT3639.00 2636-2654 Eglinton Ave W, Toronto\MXD\CONTAMINATED SITE ASSESSMENT\CT3639.00 FIG 2 GENERAL SITE LAYOUT.mxd



APEC	PCA ID	PCA TYPE	DESCRIPTION
1	1	28	GASOLINE AND ASSOCIATED PRODUCTS STORAGE IN FIXED TANKS
2	2	55	TRANSFORMER MANUFACTURING, PROCESSING AND USE
3	3	31	INK MANUFACTURING, PROCESSING AND BULK STORAGE
4	4	54	TEXTILE MANUFACTURING AND PROCESSING
5	5	52	STORAGE, MAINTENANCE, FUELLING AND REPAIR OF EQUIPMENT, VEHICLES, AND MATERIAL USED TO MAINTAIN TRANSPORTATION SYSTEMS
6	6	28	GASOLINE AND ASSOCIATED PRODUCTS STORAGE IN FIXED TANKS
7	7	52	STORAGE, MAINTENANCE, FUELLING AND REPAIR OF EQUIPMENT, VEHICLES, AND MATERIAL USED TO MAINTAIN TRANSPORTATION SYSTEMS
8	39	30	IMPORTATION OF FILL MATERIAL OF UNKNOWN QUALITY
9	40	19	ELECTRONIC AND COMPUTER EQUIPMENT MANUFACTURING
10	60	37	OPERATION OF DRY CLEANING EQUIPMENT (WHERE CHEMICALS ARE USED)
	61	37	OPERATION OF DRY CLEANING EQUIPMENT (WHERE CHEMICALS ARE USED)
	62	37	OPERATION OF DRY CLEANING EQUIPMENT (WHERE CHEMICALS ARE USED)

LEGEND

- SITE BOUNDARY
- LANDS TO BE CONVEYED TO THE CITY OF TORONTO
- BOREHOLE
- MONITORING WELL

POTENTIALLY CONTAMINATING ACTIVITIES

- ON-SITE PCA LEADING TO APEC
- OFF-SITE PCA LEADING TO APEC

AREAS OF POTENTIAL ENVIRONMENTAL CONCERN

- APEC-1
- APEC-2
- APEC-3
- APEC-4
- APEC-5/6
- APEC-7
- APEC-8 (ENTIRE PROPERTY)
- APEC-9
- APEC-10

0 5 10 15
Metres

DATA SOURCE: CITY OF TORONTO
MAP PROJECTION: NAD 1983 UTM ZONE 17N

CLIENT: FORA DEVELOPMENTS

SITE LOCATION: 1856-1856A KEELE STREET AND 2636-2654 EGLINTON AVENUE WEST TORONTO, ONTARIO

TERRAPEX

TITLE: **CONCEPTUAL SITE MODEL - AREAS OF POTENTIAL ENVIRONMENTAL CONCERN**

DRAWN BY:	PROJECT NO.:	CHECKED BY:
JS	CT3639.00	MD
REVISION: 00	DATE: DECEMBER 2022	FIGURE: 3

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LEGEND

- SITE BOUNDARY
- PARCELS
- LANDS TO BE CONVEYED TO THE CITY OF TORONTO
- BOREHOLE
- MONITORING WELL

ANALYSIS INFORMATION

- ALL PARAMETERS MEET MECP TABLE 3 SCS

NOTES:

1. EC AND SAR EXCEED MECP TABLE 3 SCS BUT ARE DEEMED TO MEET THE SITE CONDITION STANDARD PER SECTION 49.1, O. REG. 153/04.

STANDARD INFORMATION

MECP TABLE 3: FULL DEPTH GENERIC SCS IN A NON-POTABLE GROUND WATER CONDITION FOR RESIDENTIAL/PARKLAND/INSTITUTIONAL PROPERTY-USE WITH COARSE TEXTURED SOIL.

0 5 10 15
Metres

DATA SOURCE: CITY OF TORONTO
MAP PROJECTION: NAD 1983 UTM ZONE 17N

CLIENT: FORA DEVELOPMENTS

SITE LOCATION: 1856-1856A KEELE STREET AND 2636-2654 EGLINTON AVENUE WEST TORONTO, ONTARIO

TERRAPEX

TITLE: **SOIL ANALYTICAL RESULTS**

DRAWN BY:	PROJECT NO.:	CHECKED BY:
JS	CT3639.00	MD
REVISION:	DATE:	FIGURE:
00	DECEMBER 2022	**4**

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LEGEND

- SITE BOUNDARY
- PARCELS
- LANDS TO BE CONVEYED TO THE CITY OF TORONTO
- BOREHOLE
- MONITORING WELL

ANALYTICAL INFORMATION

- ALL PARAMETERS MEET MECP TABLE 3 SCS

STANDARD INFORMATION

MECP TABLE 3: FULL DEPTH GENERIC SCS IN A NON-POTABLE GROUND WATER CONDITION FOR ALL TYPES OF PROPERTY USE WITH COARSE TEXTURED SOIL.

0 5 10 15
Metres

DATA SOURCE: CITY OF TORONTO
MAP PROJECTION: NAD 1983 UTM ZONE 17N

CLIENT: FORA DEVELOPMENTS

SITE LOCATION: 1856-1856A KEELE STREET AND 2636-2654 EGLINTON AVENUE WEST TORONTO, ONTARIO

TERRAPEX

TITLE: **GROUNDWATER ANALYTICAL RESULTS**

DRAWN BY:	PROJECT NO.:	CHECKED BY:
JS	CT3639.00	MD
REVISION: 00	DATE: DECEMBER 2022	FIGURE: **5**

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TABLES

TABLE 1 GROUNDWATER MONITORING DATA

1856-1856A Keele Street and 2636 - 2654 Eglinton Avenue West, Toronto, Ontario

WELL NUMBER	DATE	SCREEN LENGTH (m)	Vapour Reading		DEPTH TO WATER FROM T.O.P. (m)	LNAPL THICKNESS[3] (m)
			CV[1]	TOV[2]		
MW101	01-Nov-22	3.05	<5 ppm	0.0 ppm	4.48	None
	25-Nov-22		<5 ppm	0.0 ppm	4.51	None
	28-Nov-22		<5 ppm	0.0 ppm	4.51	None
MW201	25-Nov-22	3.05	240ppm	0.0 ppm	3.69	None
	28-Nov-22		<5 ppm	0.0 ppm	3.74	None
MW202	25-Nov-22	3.05	340ppm	1.0 ppm	3.40	None
	28-Nov-22		90ppm	0.0 ppm	3.43	None

[1] Combustible vapour concentration in well headspace in parts per million by volume (ppm) or percent of lower explosive limit (%LEL)

[2] Total organic vapour concentration in well headspace in ppm or % LEL, using a Photoionization detector calibrated to isobutylene

[3] Measured thickness of light, non-aqueous phase liquid, if any

TABLE 2 SOIL ANALYTICAL RESULTS - METALS AND INORGANICS

1856-1856A Keele Street and 2636 - 2654 Eglinton Avenue West, Toronto, Ontario

Sample Name	Units	STANDARDS Table 3 R/P/I coarse	MW 101-2	MW 2000 Field Duplicate of MW101-2	MW 101-5	BH 102-2	MW 201-2	MW 201-5	MW 1000 Field Duplicate of MW201-5	MW 202-2	MW 202-4
CSV Reading	see note	-	< 5 ppm	-	<5 ppm	<5 ppm	<5 ppm	<5 ppm	-	<5 ppm	<5 ppm
TOV Reading	see note	-	0.0 ppm	-	0.0 ppm	0.0 ppm	0.0 ppm	0.0 ppm	-	0.0 ppm	0.0 ppm
Sample Depth	m bg	-	0.76 - 1.37	0.76 - 1.37	3.05 - 3.69	0.61 - 1.22	0.61 - 1.22	3.1 - 3.6	3.1 - 3.6	0.61 - 1.22	2.3 - 2.9
Sampling Date	dd-mmm-yy	-	24-Oct-22	24-Oct-22	24-Oct-22	21-Oct-22	17-Nov-22	17-Nov-22	17-Nov-22	18-Nov-22	18-Nov-22
Analysis Date (on or before)	dd-mmm-yy	-	28-Oct-22	28-Oct-22	28-Oct-22	28-Oct-22	24/25/26-Nov-22	24/25/26-Nov-22	24/25/26-Nov-22	24/25/26-Nov-22	24/25/26-Nov-22
Certificate of Analysis No.	-	-	22T961549	22T961549	22T961549	22T961549	22T972486	22T972486	22T972486	22T972486	22T972486
Antimony	ug/g	7.5	<0.8	<0.8	<0.8	<0.8	<0.8	<0.8	<0.8	<0.8	<0.8
Arsenic	ug/g	18	5	5	<1	2	3	3	3	2	2
Barium	ug/g	390	68	71.4	9.7	19.5	76.2	60.7	58.6	29.5	30.2
Beryllium	ug/g	4.0	0.6	0.7	<0.4	<0.4	<0.4	0.4	<0.4	<0.4	<0.4
Boron (total)	ug/g	120	9	10	<5	<5	<5	<5	<5	<5	<5
Boron (Hot Water Soluble)[2]	ug/g	1.5	0.19	0.18	<0.10	<0.10	0.65	0.22	0.23	0.21	0.31
Cadmium	ug/g	1.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
Chromium Total	ug/g	160	29	29	5	9	15	18	18	10	11
Chromium VI	ug/g	8.0	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
Cobalt	ug/g	22	13.8	14	2.5	4.5	6.6	7.8	8.2	4.7	5.2
Copper	ug/g	140	26.6	25.8	7.5	9.9	12.7	16.3	15.3	6.4	9.5
Cyanide (CN-)	ug/g	0.051	<0.040	<0.040	<0.040	<0.040	<0.040	<0.040	<0.040	<0.040	<0.040
Lead	ug/g	120	15	13	3	3	25	7	7	5	4
Mercury	ug/g	0.27	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10
Molybdenum	ug/g	6.9	0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
Nickel	ug/g	100	28	29	4	7	12	15	15	8	9
Selenium	ug/g	2.4	<0.8	<0.8	<0.8	1.8	<0.8	<0.8	<0.8	<0.8	<0.8
Silver	ug/g	20	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
Thallium	ug/g	1.0	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
Uranium	ug/g	23	0.6	0.59	<0.50	0.5	0.52	0.63	0.56	<0.50	0.5
Vanadium	ug/g	86	38.9	39.4	9	17.7	24.3	27.7	29.2	20.9	20.4
Zinc	ug/g	340	62	59	10	16	46	41	37	18	23
pH	pH Units	NV	7.8	7.86	8.05	7.99	7.76	7.75	7.77	7.72	7.49
Electrical Conductivity (mS/cm)	mS/cm	0.70	**1.21**	**1.17**	0.267	**2.28**	**3.42**	0.652	0.586	**0.719**	**1.93**
Sodium Adsorption Ratio	N/A	5.0	**13.4**	**14.2**	2.58	**10.4**	0.316	1.39	1.28	**11.2**	**5.51**

[1] Standards from *Soil, Ground Water* and Sediment Standards for Use Under Part XV.1 of the Environmental Protection Act (April 15, 2011 and as amended)
Table 3: Full Depth Generic SCS in a Non-Potable Ground Water Condition
Residential/Parkland/Institutional Property-Use, Coarse-Textured Soil

[2] Hot water soluble boron applies to surface soils (<1.5 m bg).

\- Not analyzed

CSV Reading Combustible Soil Vapour reading (in parts per million (ppm) or a percentage of the lower explosive limit (% LEL))

TOV Reading Total Organic Vapour Reading measure in ppm using a photoionization detector (PID)

m bg meters below grade

ppm parts per million

% LEL percent of the lower explosive limit

RPD Relative percent difference

Value Exceeds standard

Value Detection limit exceeds standard

TABLE 3 SOIL ANALYTICAL RESULTS - PAHs

1856-1856A Keele Street and 2636 - 2654 Eglinton Avenue West, Toronto, Ontario

Sample Name	Units	STANDARDS Table 3 R/P/I coarse[1]	MW 101-2	MW 101-6	BH 102-2	MW 1000 Field Duplicate of BH102-2	MW 201-2	MW 201-5	MW 1000 Field Duplicate of MW201-5	MW 202-2	MW 202-4
CSV Reading	see note	-	< 5 ppm	<5 ppm	<5 ppm	-	<5 ppm	<5 ppm	-	<5 ppm	<5 ppm
TOV Reading	see note	-	0.0 ppm	0.0 ppm	0.0 ppm	-	0.0 ppm	0.0 ppm	-	0.0 ppm	0.0 ppm
Sample Depth	m bg	-	0.76 - 1.37	3.81 - 4.42	0.61 - 1.22	0.61 - 1.22	0.61 - 1.22	3.1 - 3.6	3.1 - 3.6	0.61 - 1.22	2.3 - 2.9
Sampling Date	dd-mmm-yy	-	24-Oct-22	24-Oct-22	21-Oct-22	21-Oct-22	17-Nov-22	17-Nov-22	17-Nov-22	18-Nov-22	18-Nov-22
Analysis Date (on or before)	dd-mmm-yy	-	28-Oct-22	28-Oct-22	28-Oct-22	28-Oct-22	29-Nov-22	29-Nov-22	29-Nov-22	29-Nov-22	29-Nov-22
Certificate of Analysis No.	-	-	22T961549	22T961549	22T961549	22T961549	22T972486	22T972486	22T972486	22T972486	22T972486
Acenaphthene	ug/g	7.9	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Acenaphthylene	ug/g	0.15	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Anthracene	ug/g	0.67	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Benz[a]anthracene	ug/g	0.50	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Benzo[a]pyrene	ug/g	0.30	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Benzo[b]fluoranthene	ug/g	0.78	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Benzo[ghi]perylene	ug/g	6.6	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Benzo[k]fluoranthene	ug/g	0.78	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Chrysene	ug/g	7.0	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Dibenz[a h]anthracene	ug/g	0.10	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Fluoranthene	ug/g	0.69	<0.05	<0.05	<0.05	<0.05	0.07	<0.05	<0.05	<0.05	<0.05
Fluorene	ug/g	62	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Indeno[1 2 3-cd]pyrene	ug/g	0.38	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Methlynaphthalene, 2-(1-)[2]	ug/g	0.99	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Naphthalene	ug/g	0.60	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Phenanthrene	ug/g	6.2	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Pyrene	ug/g	78	<0.05	<0.05	<0.05	<0.05	0.06	<0.05	<0.05	<0.05	<0.05

[1] Standards from *Soil, Ground Water* and Sediment Standards for Use Under Part XV.1
of the Environmental Protection Act (April 15, 2011 and as amended)
Table 3: Full Depth Generic SCS in a Non-Potable Ground Water Condition
Residential/Parkland/Institutional Property-Use, Coarse-Textured Soil

[2] the sum of 1-methylnaphthalene and 2- methylnaphthalene.

\- Not analyzed

CSV Reading Combustible Soil Vapour reading (in parts per million (ppm) or a percentage of the lower explosive limit (% LEL))

TOV Reading Total Organic Vapour Reading measure in ppm using a photoionization detector (PID)

m bg meters below grade

ppm parts per million

% LEL percent of the lower explosive limit

RPD Relative percent difference

Value Exceeds standard

Value Detection limit exceeds standard

TABLE 4 **SOIL ANALYTICAL RESULTS - VOCs (Non-Petroleum)**

1856-1856A Keele Street and 2636 - 2654 Eglinton Avenue West, Toronto, Ontario

Sample Name	Units	STANDARDS Table 3 R/P/I coarse[1]	MW 101-7	BH 102-2	MW 1000 Field Duplicate of BH102-2	BH 102-3	MW 201-2	MW 201-6	MW 202-2	MW 202-6	MW 3000 Field Duplicate of MW202-6	MW 100 Methanol Blank	MW 200 Methanol Blank
CSV Reading	see note	-	<5 ppm	<5 ppm	-	<5 ppm	<5 ppm	<5 ppm	<5 ppm	85 ppm	-	-	-
TOV Reading	see note	-	0.0 ppm	0.0 ppm	-	0.0 ppm	0.0 ppm	0.0 ppm	0.0 ppm	6.0 ppm	-	-	-
Sample Depth	m bg	-	4.57 - 5.18	0.61 - 1.22	0.61 - 1.22	1.22 - 1.83	0.61 - 1.22	3.8 - 4.4	0.61 - 1.22	3.8 - 4.4	3.8 - 4.4	-	-
Sampling Date	dd-mmm-yy	-	24-Oct-22	21-Oct-22	21-Oct-22	21-Oct-22	17-Nov-22	17-Nov-22	18-Nov-22	18-Nov-22	18-Nov-22	21-Oct-22	18-Nov-22
Analysis Date (on or before)	dd-mmm-yy	-	28-Oct-22	28-Oct-22	28-Oct-22	28-Oct-22	26-Nov-22	26-Nov-22	26-Nov-22	26-Nov-22	26-Nov-22	28-Oct-22	26-Nov-22
Certificate of Analysis No.	-	-	22T961549	22T961549	22T961549	22T961549	22T972486	22T972486	22T972486	22T972486	22T972486	22T961549	22T972486
Acetone	ug/g	16	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
Bromodichloromethane	ug/g	13	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Bromoform	ug/g	0.27	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Bromomethane	ug/g	0.050	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Carbon Tetrachloride	ug/g	0.050	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Chlorobenzene	ug/g	2.4	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Chloroform	ug/g	0.050	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04
Dibromochloromethane	ug/g	9.4	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Dichlorobenzene, 1,2-	ug/g	3.4	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Dichlorobenzene, 1,3-	ug/g	4.8	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Dichlorobenzene, 1,4-	ug/g	0.083	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Dichlorodifluoromethane	ug/g	16	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Dichloroethane, 1,1-	ug/g	3.5	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
Dichloroethane, 1,2-	ug/g	0.050	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03
Dichloroethylene, 1,1-	ug/g	0.050	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Dichloroethylene, 1,2-cis-	ug/g	3.4	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
Dichloroethylene, 1,2-trans-	ug/g	0.084	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Dichloropropane, 1,2-	ug/g	0.050	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03
Dichloropropene,1,3-	ug/g	0.050	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.04	<0.04
Ethylene dibromide	ug/g	0.050	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04
Hexane (n)	ug/g	2.8	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Methyl Ethyl Ketone	ug/g	16	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
Methyl Isobutyl Ketone	ug/g	1.7	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
Methyl tert-Butyl Ether (MTBE)	ug/g	0.75	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Methylene Chloride	ug/g	0.10	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Styrene	ug/g	0.70	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Tetrachloroethane, 1,1,1,2-	ug/g	0.058	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04
Tetrachloroethane, 1,1,2,2-	ug/g	0.050	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Tetrachloroethylene	ug/g	0.28	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Trichloroethane, 1,1,1-	ug/g	0.38	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Trichloroethane, 1,1,2-	ug/g	0.050	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04
Trichloroethylene	ug/g	0.061	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03
Trichlorofluoromethane	ug/g	4.0	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Vinyl Chloride	ug/g	0.020	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02

[1] Standards from *Soil, Ground Water* and Sediment Standards for Use Under Part XV.1 of the Environmental Protection Act (April 15, 2011 and as amended)
Table 3: Full Depth Generic SCS in a Non-Potable Ground Water Condition
Residential/Parkland/Institutional Property-Use, Coarse-Textured Soil

- Not analyzed
CSV Reading Combustible Soil Vapour reading (in parts per million (ppm) or a percentage of the lower explosive limit (% LEL))
TOV Reading Total Organic Vapour Reading measure in ppm using a photoionization detector (PID)
m bg meters below grade
ppm parts per million
% LEL percent of the lower explosive limit
RPD Relative percent difference
Value Exceeds standard
Value Detection limit exceeds standard

TABLE 5 SOIL ANALYTICAL RESULTS - BTEX and PHCs

1856-1856A Keele Street and 2636 - 2654 Eglinton Avenue West, Toronto, Ontario

Sample Name	Units	STANDARDS Table 3 R/P/I coarse[1]	MW 101-2	MW 101-7	BH 102-2	MW 1000 Field Duplicate of BH102-2	BH 102-3	MW 201-2
CSV Reading	see note	-	< 5 ppm	<5 ppm	<5 ppm	-	<5 ppm	<5 ppm
TOV Reading	see note	-	0.0 ppm	0.0 ppm	0.0 ppm	-	0.0 ppm	0.0 ppm
Sample Depth	m bg	-	0.76 - 1.37	4.57 - 5.18	0.61 - 1.22	0.61 - 1.22	1.22 - 1.83	0.61 - 1.22
Sampling Date	dd-mmm-yy	-	24-Oct-22	24-Oct-22	21-Oct-22	21-Oct-22	21-Oct-22	17-Nov-22
Analysis Date (on or before)	dd-mmm-yy	-	28-Oct-22	28-Oct-22	28-Oct-22	28-Oct-22	28-Oct-22	26/29-Nov-22
Certificate of Analysis No.	-	-	22T961549	22T961549	22T961549	22T961549	22T961549	22T972486
Benzene	ug/g	0.21	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
Toluene	ug/g	2.3	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Ethylbenzene	ug/g	2.0	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Xylene Mixture	ug/g	3.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Petroleum Hydrocarbons F1[2]	ug/g	55	<5	<5	<5	<5	<5	<5
Petroleum Hydrocarbons F2	ug/g	98	<10	<10	<10	<10	<10	<10
Petroleum Hydrocarbons F3	ug/g	300	<50	<50	<50	<50	<50	<50
Petroleum Hydrocarbons F4	ug/g	2,800	<50	<50	<50	<50	<50	<50

[1] Standards from *Soil, Ground Water* and Sediment Standards for Use Under Part XV.1 of the Environmental Protection Act (April 15, 2011 and as amended)
Table 3: Full Depth Generic SCS in a Non-Potable Ground Water Condition
Residential/Parkland/Institutional Property-Use, Coarse-Textured Soil

[2] F1 fraction does not include BTEX.

- Not analyzed

CSV Reading Combustible Soil Vapour reading (in parts per million (ppm) or a percentage of the lower explosive limit (% LEL))

TOV Reading Total Organic Vapour Reading measure in ppm using a photoionization detector (PID)

m bg meters below grade

ppm parts per million

% LEL percent of the lower explosive limit

RPD Relative percent difference

Value Exceeds standard

Value Detection limit exceeds standard

TABLE 5 SOIL ANALYTICAL RESULTS - BTEX and PHCs

1856-1856A Keele Street and 2636 - 2654 Eglinton Avenue West, Toronto, Ontario

Sample Name	Units	STANDARDS Table 3 R/P/I coarse[1]	MW 201-6	MW 202-2	MW 202-6	MW 3000 Field Duplicate of MW202-6	MW 100 Methanol Blank	MW 200 Methanol Blank
CSV Reading	see note	-	<5 ppm	<5 ppm	85 ppm	-	-	-
TOV Reading	see note	-	0.0 ppm	0.0 ppm	6.0 ppm	-	-	-
Sample Depth	m bg	-	3.8 - 4.4	0.61 - 1.22	3.8 - 4.4	3.8 - 4.4	-	-
Sampling Date	dd-mmm-yy	-	17-Nov-22	18-Nov-22	18-Nov-22	18-Nov-22	21-Oct-22	18-Nov-22
Analysis Date (on or before)	dd-mmm-yy	-	26/29-Nov-22	26/29-Nov-22	26/29-Nov-22	26/29-Nov-22	28-Oct-22	26/29-Nov-22
Certificate of Analysis No.	-	-	22T972486	22T972486	22T972486	22T972486	22T961549	22T972486
Benzene	ug/g	0.21	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
Toluene	ug/g	2.3	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Ethylbenzene	ug/g	2.0	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Xylene Mixture	ug/g	3.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Petroleum Hydrocarbons F1[2]	ug/g	55	<5	<5	<5	<5	<5	-
Petroleum Hydrocarbons F2	ug/g	98	<10	<10	<10	<10	-	-
Petroleum Hydrocarbons F3	ug/g	300	<50	<50	<50	<50	-	-
Petroleum Hydrocarbons F4	ug/g	2,800	<50	<50	<50	<50	-	-

[1] Standards from *Soil, Ground Water* and Sediment Standards for Use Under Part XV.1 of the Environmental Protection Act (April 15, 2011 and as amended)
Table 3: Full Depth Generic SCS in a Non-Potable Ground Water Condition
Residential/Parkland/Institutional Property-Use, Coarse-Textured Soil

[2] F1 fraction does not include BTEX.

\- Not analyzed

CSV Reading Combustible Soil Vapour reading (in parts per million (ppm) or a percentage of the lower explosive limit (% LEL))

TOV Reading Total Organic Vapour Reading measure in ppm using a photoionization detector (PID)

m bg meters below grade

ppm parts per million

% LEL percent of the lower explosive limit

RPD Relative percent difference

Value Exceeds standard

Value Detection limit exceeds standard

TABLE 6 GROUNDWATER ANALYTICAL RESULTS - METALS AND INORGANICS

1856-1856A Keele Street and 2636 - 2654 Eglinton Avenue West, Toronto, Ontario

Sample Name	Units	STANDARDS Table 3 coarse	MW101	MW201	MW202	MW1000 Field Duplicate of MW202
CV Reading	see note	-	<5 ppm	<5 ppm	<5 ppm	-
TOV Reading	see note	-	0.0 ppm	0.0 ppm	0.0 ppm	-
Screen Interval	m bg	-	2.13 - 5.18	3.05 - 6.10	3.05 -6.10	-
Sampling Date	dd-mmm-yy	-	1-Nov-22	28-Nov-22	28-Nov-22	28-Nov-22
Analysis Date (on or before)	dd-mmm-yy	-	3/4/7-Nov-22	29-Nov-22	29-Nov-22	29-Nov-22
Certificate of Analysis No.	-	-	22T965439	22T974965	22T974965	22T974965
Antimony	ug/L	20,000	<1.0	<1.0	<1.0	<1.0
Arsenic	ug/L	1,900	<1.0	<1.0	<1.0	<1.0
Barium	ug/L	29,000	136	80.6	70.2	71.2
Beryllium	ug/L	67	<0.50	<0.50	<0.50	<0.50
Boron (total)	ug/L	45,000	131	75.7	38.7	40.2
Cadmium	ug/L	2.7	<0.20	<0.20	0.54	0.24
Chromium Total	ug/L	810	<2.0	<2.0	<2.0	<2.0
Chromium VI	ug/L	140	<2.000	<2.000	<2.000	<2.000
Cobalt	ug/L	66	<0.50	<0.50	<0.50	<0.50
Copper	ug/L	87	1.2	<1.0	<1.0	<1.0
Cyanide (CN-)	ug/L	66	<2	<2	<2	<2
Lead	ug/L	25	<0.50	<0.50	<0.50	<0.50
Mercury	ug/L	0.29	<0.02	<0.02	<0.02	<0.02
Molybdenum	ug/L	9,200	1.13	1.41	1.75	1.73
Nickel	ug/L	490	1.2	<1.0	1.8	<1.0
Selenium	ug/L	63	<1.0	<1.0	<1.0	<1.0
Silver	ug/L	1.5	<0.20	<0.20	<0.20	<0.20
Thallium	ug/L	510	<0.30	<0.30	<0.30	<0.30
Uranium	ug/L	420	1.92	0.88	<0.50	<0.50
Vanadium	ug/L	250	1.43	<0.40	<0.40	<0.40
Zinc	ug/L	1,100	<5.0	<5.0	12.3	<5.0
Chloride	ug/L	2,300,000	696,000	830,000	579,000	582,000
Sodium	ug/L	2,300,000	287,000	619,000	341,000	354,000

[1] Standards from *Soil, Ground Water* and Sediment Standards for Use Under Part XV.1 of the Environmental Protection Act (April 15, 2011 and as amended)
Table 3: Full Depth Generic SCS in a Non-Potable Ground Water Condition
All Types of Property-Use, Coarse-Textured Soil

- Not analyzed
CV Reading Combustible vapour reading (in parts per million)
TOV Reading Total Organic Vapour reading (in parts per million)
m bg meters below grade
ppm parts per million
% LEL percent of the lower explosive limit
RPD Relative percent difference
Value Exceeds standard
Value Detection limit exceeds standard

TABLE 7 **GROUNDWATER ANALYTICAL RESULTS - PAHs**

1856-1856A Keele Street and 2636 - 2654 Eglinton Avenue West, Toronto, Ontario

Sample Name	Units	STANDARDS Table 3 coarse[1]	MW101	MW201	MW202	MW1000 Field Duplicate of MW202
CV Reading	see note	-	<5 ppm	<5 ppm	<5 ppm	-
TOV Reading	see note	-	0.0 ppm	0.0 ppm	0.0 ppm	-
Screen Interval	m bg	-	2.13 - 5.18	3.05 - 6.10	3.05 -6.10	-
Sampling Date	dd-mmm-yy	-	1-Nov-22	28-Nov-22	28-Nov-22	28-Nov-22
Analysis Date (on or before)	dd-mmm-yy	-	8-Nov-22	3-Dec-22	3-Dec-22	3-Dec-22
Certificate of Analysis No.	-	-	22T965439	22T974965	22T974965	22T974965
Acenaphthene	ug/L	600	<0.20	<0.20	<0.20	<0.20
Acenaphthylene	ug/L	1.8	<0.20	<0.20	<0.20	<0.20
Anthracene	ug/L	2.4	<0.10	<0.10	<0.10	<0.10
Benz[a]anthracene	ug/L	4.7	<0.20	<0.20	<0.20	<0.20
Benzo[a]pyrene	ug/L	0.81	<0.01	<0.01	<0.01	<0.01
Benzo[b]fluoranthene	ug/L	0.75	<0.10	<0.10	<0.10	<0.10
Benzo[ghi]perylene	ug/L	0.20	<0.20	<0.20	<0.20	<0.20
Benzo[k]fluoranthene	ug/L	0.40	<0.10	<0.10	<0.10	<0.10
Chrysene	ug/L	1.0	<0.10	<0.10	<0.10	<0.10
Dibenz[a h]anthracene	ug/L	0.52	<0.20	<0.20	<0.20	<0.20
Fluoranthene	ug/L	130	<0.20	<0.20	<0.20	<0.20
Fluorene	ug/L	400	<0.20	<0.20	<0.20	<0.20
Indeno[1 2 3-cd]pyrene	ug/L	0.20	<0.20	<0.20	<0.20	<0.20
Methlynaphthalene, 2-(1-)[2]	ug/L	1,800	<0.20	<0.20	<0.20	<0.20
Naphthalene	ug/L	1,400	<0.20	<0.20	<0.20	<0.20
Phenanthrene	ug/L	580	<0.10	<0.10	<0.10	<0.10
Pyrene	ug/L	68	<0.20	<0.20	<0.20	<0.20

[1] Standards from *Soil, Ground Water* and Sediment Standards for Use Under Part XV.1 of the Environmental Protection Act (April 15, 2011 and as amended)
Table 3: Full Depth Generic SCS in a Non-Potable Ground Water Condition
All Types of Property-Use, Coarse-Textured Soil

[2] the sum of 1-methylnaphthalene and 2- methylnaphthalene.

- Not analyzed
CV Reading Combustible vapour reading (in parts per million)
TOV Reading Total Organic Vapour reading (in parts per million)
m bg meters below grade
ppm parts per million
% LEL percent of the lower explosive limit
RPD Relative percent difference
Value Exceeds standard
Value Detection limit exceeds standard

TABLE 8 **GROUNDWATER ANALYTICAL RESULTS - VOCs (Non-Petroleum)**

1856-1856A Keele Street and 2636 - 2654 Eglinton Avenue West, Toronto, Ontario

Sample Name	Units	STANDARDS Table 3 coarse[1]	MW101	MW201	MW202	MW1000 Field Duplicate of MW202	Trip Blank	TRIP BLANK	Trip Spike*	TRIP SPIKE*
CV Reading	see note	-	<5 ppm	<5 ppm	<5 ppm	-	-	-	-	-
TOV Reading	see note	-	0.0 ppm	0.0 ppm	0.0 ppm	-	-	-	-	-
Screen Interval	m bg	-	2.13 - 5.18	3.05 - 6.10	3.05 -6.10	-	-	-	-	-
Sampling Date	dd-mmm-yy	-	1-Nov-22	28-Nov-22	28-Nov-22	28-Nov-22	1-Nov-22	23-Nov-22	1-Nov-22	23-Nov-22
Analysis Date (on or before)	dd-mmm-yy	-	4-Nov-22	5-Dec-22	5-Dec-22	5-Dec-22	4-Nov-22	5-Dec-22	4-Nov-22	5-Dec-22
Certificate of Analysis No.	-	-	22T965439	22T974965	22T974965	22T974965	22T965439	22T974965	22T965439	22T974965
Acetone	ug/L	130,000	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	91	78.8
Bromodichloromethane	ug/L	85,000	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	102	113
Bromoform	ug/L	380	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	108	96.2
Bromomethane	ug/L	5.6	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	109	90.3
Carbon Tetrachloride	ug/L	0.79	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	101	107
Chlorobenzene	ug/L	630	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	111	105
Chloroform	ug/L	2.4	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	117	114
Dibromochloromethane	ug/L	82,000	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	111	98.6
Dichlorobenzene, 1,2-	ug/L	4,600	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	112	113
Dichlorobenzene, 1,3-	ug/L	9,600	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	97	110
Dichlorobenzene, 1,4-	ug/L	8.0	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	100	109
Dichlorodifluoromethane	ug/L	4,400	<0.40	<0.40	<0.40	<0.40	<0.40	<0.40	105	86.4
Dichloroethane, 1,1-	ug/L	320	<0.30	<0.30	<0.30	<0.30	<0.30	<0.30	105	114
Dichloroethane, 1,2-	ug/L	1.6	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	115	85.8
Dichloroethylene, 1,1-	ug/L	1.6	<0.30	<0.30	<0.30	<0.30	<0.30	<0.30	85	86.8
Dichloroethylene, 1,2-cis-	ug/L	1.6	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	104	83.6
Dichloroethylene, 1,2-trans-	ug/L	1.6	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	107	99.4
Dichloropropane, 1,2-	ug/L	16	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	83	79.8
Dichloropropene,1,3-	ug/L	5.2	<0.30	<0.30	<0.30	<0.30	<0.30	<0.30	197	-
Ethylene dibromide	ug/L	0.25	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	105	106
Hexane (n)	ug/L	51	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	82	105
Methyl Ethyl Ketone	ug/L	470,000	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	98	116
Methyl Isobutyl Ketone	ug/L	140,000	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	103	81.7
Methyl tert-Butyl Ether (MTBE)	ug/L	190	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	99	114
Methylene Chloride	ug/L	610	<0.30	<0.30	<0.30	<0.30	<0.30	<0.30	105	92
Styrene	ug/L	1,300	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	103	94.6
Tetrachloroethane, 1,1,1,2-	ug/L	3.3	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	90	106
Tetrachloroethane, 1,1,2,2-	ug/L	3.2	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	99	103
Tetrachloroethylene	ug/L	1.6	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	107	99.8
Trichloroethane, 1,1,1-	ug/L	640	<0.30	<0.30	<0.30	<0.30	<0.30	<0.30	103	97.4
Trichloroethane, 1,1,2-	ug/L	4.7	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	83	107
Trichloroethylene	ug/L	1.6	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	111	74.8
Trichlorofluoromethane	ug/L	2,500	<0.40	<0.40	<0.40	<0.40	<0.40	<0.40	116	117
Vinyl Chloride	ug/L	0.50	<0.17	<0.17	<0.17	<0.17	<0.17	<0.17	102	88.4

[1] Standards from *Soil, Ground Water* and Sediment Standards for Use Under Part XV.1 of the Environmental Protection Act (April 15, 2011 and as amended)
Table 3: Full Depth Generic SCS in a Non-Potable Ground Water Condition
All Types of Property-Use, Coarse-Textured Soil

\- Not analyzed

* Analytical results are expressed as a percent recovery

CV Reading Combustible vapour reading (in parts per million)

TOV Reading Total Organic Vapour reading (in parts per million)

m bg meters below grade

ppm parts per million

% LEL percent of the lower explosive limit

Value Exceeds standard

Value Detection limit exceeds standard

TABLE 9 **GROUNDWATER ANALYTICAL RESULTS - BTEX and PHCs**

1856-1856A Keele Street and 2636 - 2654 Eglinton Avenue West, Toronto, Ontario

Sample Name	Units	STANDARDS Table 3 coarse	MW101	MW201	MW202	MW1000 Field Duplicate of MW202	Trip Blank	TRIP BLANK	Trip Spike*	TRIP SPIKE*
CV Reading	see note	-	<5 ppm	<5 ppm	<5 ppm	-	-	-	-	-
TOV Reading	see note	-	0.0 ppm	0.0 ppm	0.0 ppm	-	-	-	-	-
Screen Interval	m bg	-	2.13 - 5.18	3.05 - 6.10	3.05 -6.10	-	-	-	-	-
Sampling Date	dd-mmm-yy	-	1-Nov-22	28-Nov-22	28-Nov-22	28-Nov-22	1-Nov-22	23-Nov-22	1-Nov-22	23-Nov-22
Analysis Date (on or before)	dd-mmm-yy	-	4/8-Nov-22	5/6-Dec-22	5/6-Dec-22	5/6-Dec-22	4-Nov-22	5-Dec-22	4-Nov-22	5-Dec-22
Certificate of Analysis No.	-	-	22T965439	22T974965	22T974965	22T974965	22T965439	22T974965	22T965439	22T974965
Benzene	ug/L	44	<0.20	1.1	<0.20	<0.20	<0.20	<0.20	83	74.8
Toluene	ug/L	18,000	<0.20	3.56	<0.20	<0.20	<0.20	<0.20	102	104
Ethylbenzene	ug/L	2,300	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	106	104
Xylene Mixture	ug/L	4,200	<0.20	0.74	<0.20	<0.20	<0.20	<0.20	210	-
Petroleum Hydrocarbons F1[2]	ug/L	750	<25	<25	<25	<25	<25	-	-	-
Petroleum Hydrocarbons F2	ug/L	150	<100	<100	<100	<100	-	-	-	-
Petroleum Hydrocarbons F3	ug/L	500	<100	<100	<100	<100	-	-	-	-
Petroleum Hydrocarbons F4	ug/L	500	<100	<100	<100	<100	-	-	-	-

[1] Standards from *Soil, Ground Water* and Sediment Standards for Use Under Part XV.1 of the Environmental Protection Act (April 15, 2011 and as amended)
Table 3: Full Depth Generic SCS in a Non-Potable Ground Water Condition
All Types of Property-Use, Coarse-Textured Soil

[2] F1 fraction does not include BTEX.

\- Not analyzed

* Analytical results are expressed as a percent recovery

CV Reading Combustible vapour reading (in parts per million)

TOV Reading Total Organic Vapour reading (in parts per million)

m bg meters below grade

ppm parts per million

% LEL percent of the lower explosive limit

RPD Relative percent difference

Value Exceeds standard

Value Detection limit exceeds standard

APPENDIX I
PLAN OF SURVEY, PROPOSED DEVELOPMENT PLAN

PLAN OF SURVEY
SHOWING TOPOGRAPHICAL INFORMATION OF

PART OF LOT A
REGISTERED PLAN 285
(FORMERLY CITY OF YORK)
CITY OF TORONTO

SCALE 1:150

3 0 3 6 9 12 15m

KRCMAR SURVEYORS LTD. 2022

METRIC: DISTANCES AND COORDINATES SHOWN HEREON ARE IN METRES AND CAN BE CONVERTED TO FEET BY DIVIDING BY 0.3048

BEARING

BEARINGS SHOWN HEREON ARE GRID DERIVED FROM GPS OBSERVATIONS OF OBSERVED REFERENCE POINTS 'A' AND 'B', USING THE LEICA SMARTNET RTK NETWORK AND ARE REFERRED TO THE 3° MTM COORDINATE SYSTEM, ZONE 10, CENTRAL MERIDIAN 79°30' WEST LONGITUDE. (3° MODIFIED TRANSVERSE MERCATOR PROJECTION, NAD 83 (CSRS)(2010)).

DISTANCES SHOWN HEREON ARE GROUND DISTANCES AND CAN BE CONVERTED TO GRID DISTANCES BY MULTIPLYING BY A COMBINED SCALE FACTOR OF 0.99989.

ELEVATION

ELEVATIONS SHOWN HEREON ARE GEODETIC AND ARE RELATED TO CITY OF TORONTO BENCHMARK No. YT259, HAVING AN ELEVATION OF 140.711 METRES (CGVD28:PRE78).

NOTE

ALL FOUND MONUMENTS ARE BY CITY OF TORONTO SURVEYS (TOR), UNLESS OTHERWISE NOTED.

LEGEND

■	DENOTES SURVEY MONUMENT FOUND
□	DENOTES SURVEY MONUMENT PLANTED
IB	DENOTES IRON BAR
CA	DENOTES CUT ARROW
CC	DENOTES CUT CROSS
CP	DENOTES CONCRETE PIN
(M)	DENOTES MEASURED
(S)	DENOTES SET
(WIT)	DENOTES WITNESS
(D1)	DENOTES INSTRUMENT CY342026
(D2)	DENOTES INSTRUMENT CY575540
(D3)	DENOTES INSTRUMENT TB80826
(P1)	DENOTES PLAN 66R–27552
(P2)	DENOTES EXPROPRIATION PLAN 7650 (L–168–16)
(P3)	DENOTES PLAN 64R–1764
(P4)	DENOTES PLAN BY SPEIGHT, VAN NOSTRAND, WARD & ANDERSON, O.L.S., DATED MARCH 27, 1954, UPDATED JULY 27, 1954
(P5)	DENOTES SKETCH OF SURVEY BY C. REUBEN, O.L.S., DATED JULY 7, 1948
(P6)	DENOTES SKETCH OF SURVEY BY C. REUBEN, O.L.S., DATED DECEMBER 9, 1950
(P7)	DENOTES PLAN 64R–14602
(P8)	DENOTES PLAN 66R–27401
(P9)	DENOTES PLAN 66R–27156
(P10)	DENOTES EXPROPRIATION PLAN AT3845018
(P11)	DENOTES EXPROPRIATION PLAN AT4916073
(TOR)	DENOTES CITY OF TORONTO SURVEYS
(BR)	DENOTES TIES TO BRICK
(CBK)	DENOTES TIES TO CONCRETE BLOCK
(CF)	DENOTES TIES TO CONCRETE FOUNDATION
(ST)	DENOTES TIES TO STONE
EXP.	DENOTES EXPROPRIATION
NUL	DENOTES NO UPPER LIMITATIONS
NLL	DENOTES NO LOWER LIMITATIONS
UL	DENOTES UPPER LIMITATION IN METRES
LL	DENOTES LOWER LIMITATION IN METRES
(HP)	DENOTES A HORIZONTAL PLANE CONTROLLED BY GEODETIC ELEVATION

LEGEND

CRW	DENOTES CONCRETE RETAINING WALL
DSE	DENOTES DOOR SILL ELEVATION
MTW	DENOTES METAL WALL
PW	DENOTES PRECAST WALL
WW	DENOTES WINDOW WELL
(Tc)	DENOTES TOP OF CURB
(Bc)	DENOTES BOTTOM OF CURB
—H—	DENOTES HYDRO SERVICE (OVERHEAD)
130.50	DENOTES EXISTING GRADE ELEVATION
	DENOTES AREA DRAIN
BOL	DENOTES BOLLARD
	DENOTES CATCH BASIN
	DENOTES DOWN GUY ANCHOR
0.1⌀	DENOTES DECIDUOUS TREE WITH TRUNK DIAMETER
FH	DENOTES FIRE HYDRANT
GM	DENOTES GAS METER
GV	DENOTES GAS VALVE
HW	DENOTES HYDRO HAND WELL
HP	DENOTES HYDRO POLE
LP	DENOTES LAMP POST (PRIVATE)
LS	DENOTES LAMP STANDARD
MH	DENOTES MANHOLE
PM	DENOTES PARKING METER
SIAMESE	DENOTES SIAMESE CONNECTION
SN	DENOTES SIGN
WV	DENOTES WATER VALVE

ASSOCIATION OF ONTARIO LAND SURVEYORS
PLAN SUBMISSION FORM
V-26136
THIS PLAN IS NOT VALID UNLESS IT IS AN EMBOSSED ORIGINAL COPY ISSUED BY THE SURVEYOR In accordance with Regulation 1026, Section 29(3).

SURVEY REPORT

1. THE RE–ESTABLISHMENT OF THE SUBJECT PROPERTY BOUNDARIES IS BASED ON INFORMATION CONTAINED IN THE RELEVANT TITLE DOCUMENTS, REGISTERED PLANS AND ON THE EVIDENCE OF PRIOR SURVEYS FOUND DURING THE COURSE OF PREPARING THE SUBJECT SURVEY.
2. THE TYPE AND LOCATION OF THE EXISTING BUILDINGS AND OTHER IMPROVEMENTS, FENCES ETC., ON OR NEAR THE SUBJECT PROPERTY ARE AS SHOWN ON THE SURVEY PLAN.
3. COMPLIANCE WITH MUNICIPAL ZONING REQUIREMENTS IS NOT CERTIFIED BY THIS REPORT.
4. SUBJECT LANDS COMPRISE ALL OF PIN 10496–0078(LT), 10496–0079(LT), 10496–0080(LT) AND 10496–0081(LT).
5. PIN 10496–0078(LT) – SUBJECT TO TEMPORARY EASEMENT OVER PARTS 1 AND 2, EXPROPRIATION PLAN AT3845018 AS IN INST. AT3845018, EXPIRED DECEMBER 31, 2020; SUBJECT TO TEMPORARY EASEMENT OVER PARTS 1, 2 AND 3, EXPROPRIATION PLAN AT4302593 AS IN INST. AT4302593, EXPIRED DECEMBER 31, 2021; SUBJECT TO TEMPORARY EASEMENT OVER PARTS 1, 2 AND 3, EXPROPRIATION PLAN AT4916073 AS IN INST. AT4916073, EXPIRED DECEMBER 8, 2019.
6. PIN 10496–0079(LT) – SUBJECT TO TEMPORARY EASEMENT OVER PARTS 3 AND 4, EXPROPRIATION PLAN AT3845018 AS IN INST. AT3945018, EXPIRED DECEMBER 31, 2020; SUBJECT TO TEMPORARY EASEMENT OVER PARTS 4, 5 AND 6, EXPROPRIATION PLAN AT4302593 AS IN INST. AT4302593, EXPIRED DECEMBER 31, 2021; SUBJECT TO TEMPORARY EASEMENT OVER PARTS 4, 5 AND 6, EXPROPRIATION PLAN AT4916073 AS IN INST. AT4916073, EXPIRED DECEMBER 8, 2019.
7. PIN 10496–0080(LT) – SUBJECT TO EASEMENT IN GROSS OVER PARTS 5 AND 6, PLAN 66R–27401 AS IN INST. AT3614801.
8. PIN 10496–0081(LT) – SUBJECT TO EASEMENT IN GROSS OVER PARTS 7 AND 8, PLAN 66R–27401 AS IN INST. AT3651659.

TOTAL SITE AREA = 1352.6 m²

SURVEYOR'S CERTIFICATE

I CERTIFY THAT:

1. THIS SURVEY AND PLAN ARE CORRECT AND IN ACCORDANCE WITH THE SURVEYS ACT, THE SURVEYORS ACT AND THE REGULATIONS MADE UNDER THEM.
2. THE SURVEY WAS COMPLETED ON THE 20th DAY OF APRIL, 2022

DATE APRIL 21 , 2022

WALDEMAR COLINSKI
ONTARIO LAND SURVEYOR

INTEGRATION DATA

3° MTM ZONE 10 COORDINATES
NAD 83 (CSRS)(2010)(CENTRAL MERIDIAN 79°30' WEST LONGITUDE)
THE MTM COORDINATES LISTED BELOW ARE TO URBAN ACCURACY AND COMPLY WITH SUBSECTION 14(2) OF ONTARIO REGULATION 216/10 FILED UNDER THE SURVEYORS ACT.

OBSERVED REFERENCE POINTS

MONUMENT ID.	NORTHING	EASTING
(A) CC	4 838 916.936	306 781.865
(B) CC	4 838 960.412	306 996.651

REFERENCE POINTS

POINT	NORTHING	EASTING
1	4 838 936.98	306 851.61
2	4 838 966.07	306 842.54
3	4 838 979.97	306 886.97
4	4 838 949.58	306 891.89

COORDINATE VALUES SHOWN ARE FOR GEOGRAPHIC INFORMATION SYSTEM INTEGRATION ONLY. COORDINATES CANNOT, IN THEMSELVES, BE USED TO RE–ESTABLISH CORNERS OR BOUNDARIES SHOWN ON THIS PLAN.

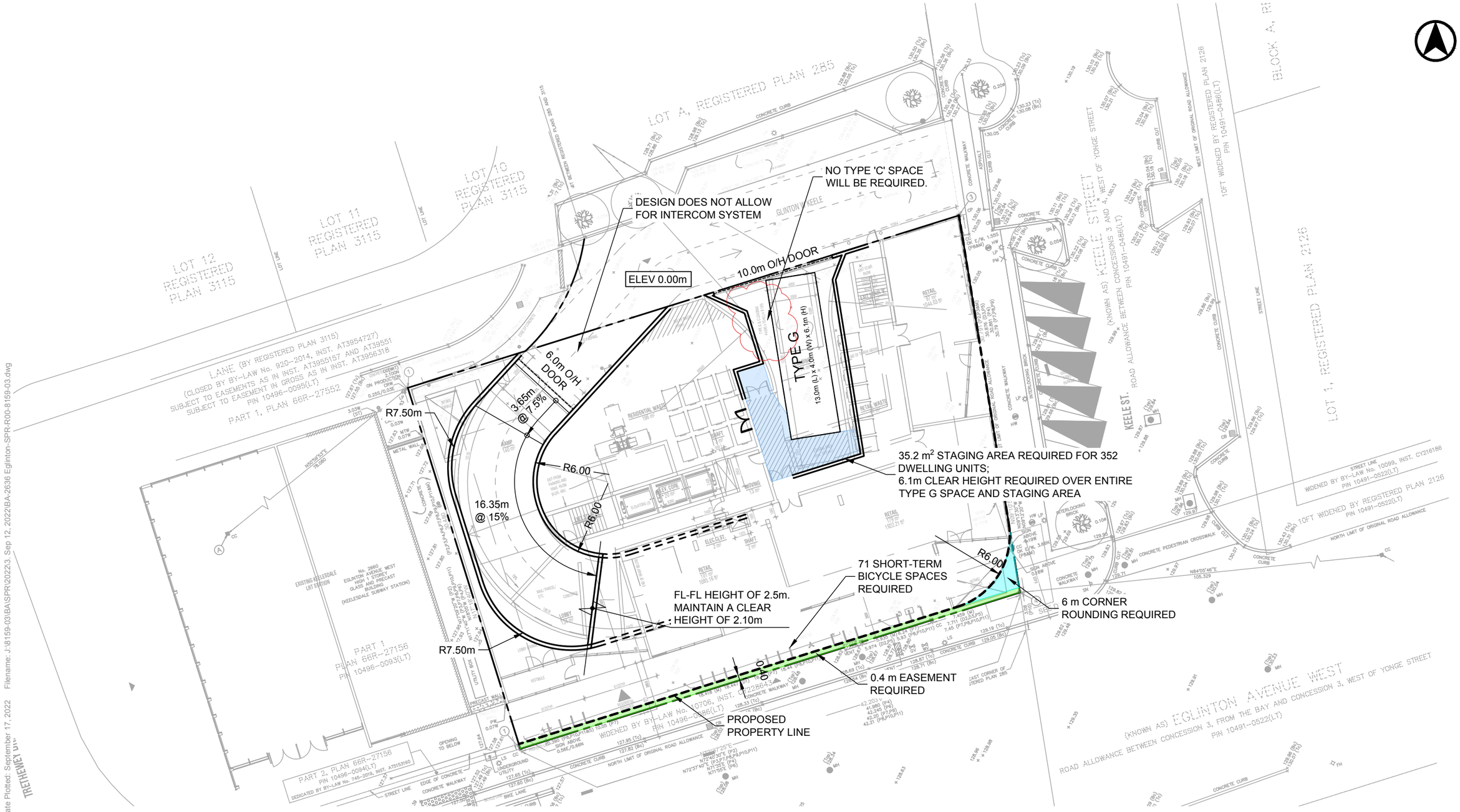
MUNICIPAL ADDRESS: No.s 1856 & 1856A KEELE ST. AND No.s 2636 TO 2654 EGLINTON AVE. W.

FIELD:	LL/LD./JJL.	DRAWN:	C.L.	CHECKED:	S.N.R./W.G.	JOB NO:	22-061
DWG NAME:	22-061BT01	PLOT INFO:	11:09 21/Apr/2022	WORK ORDER NO:	36173		

1137 Centre Street Thornhill ON L4J 3M6 905.738.0053 F 905.738.9221 www.krcmar.ca

PLAN AVAILABLE AT www.ProtectYourBoundaries.ca

KRCMAR



Date Plotted: September 17, 2022 Filename: J:\8159-03\BA\SPR\2022\3. Sep 12, 2022\BA-2636 Eglinton-SPR-R00-8159-03.dwg

TREYTHEWEY Dan

BA Group

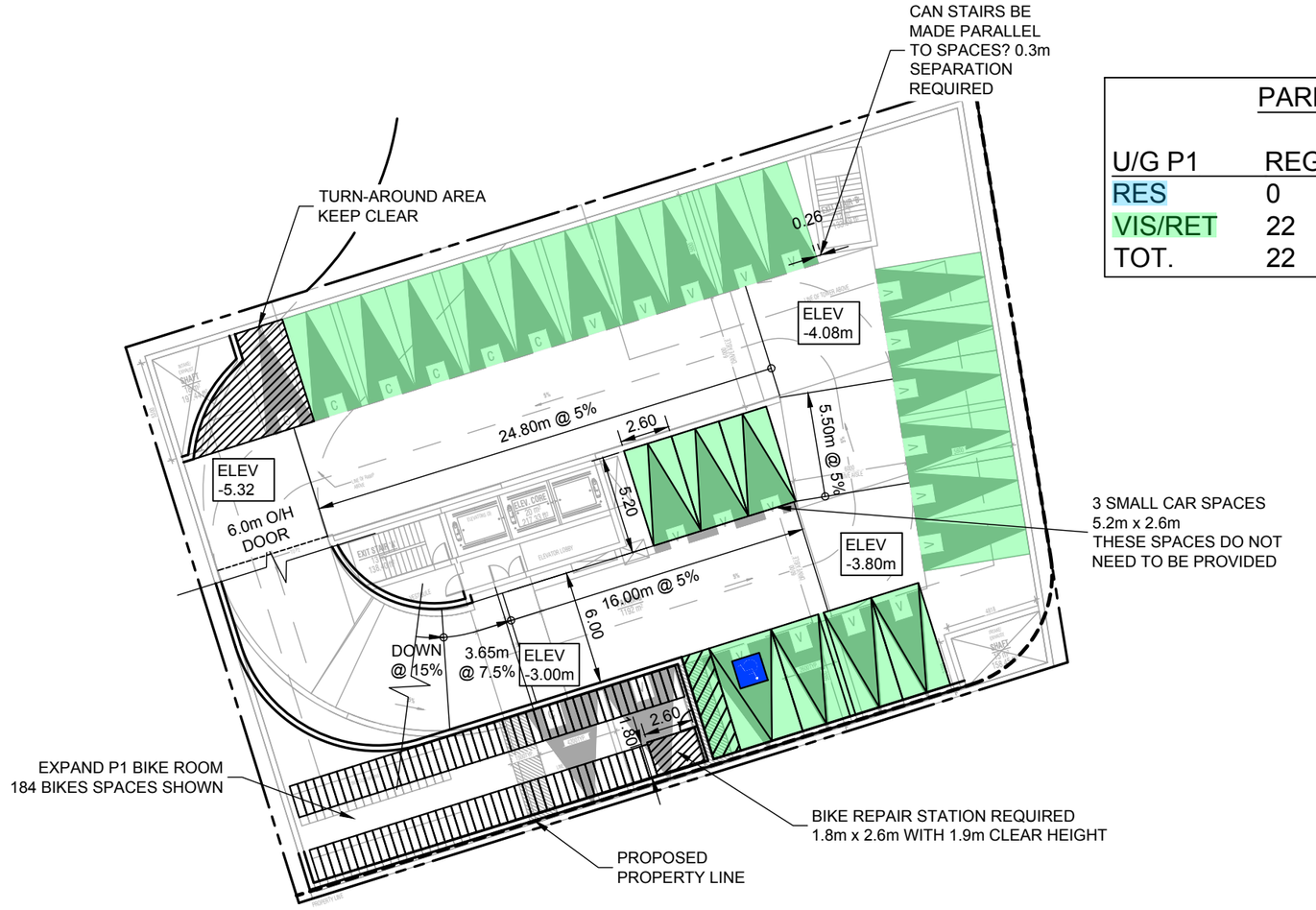
2636 EGLINTON

SITE PLAN REVIEW
GROUND FLOOR

Project:	2636 Eglinton
Project No.	8159-03
Date:	September 17, 2022
Revised:	--

Scale 1:300 (0, 5, 10m)

Drawing No. SPR-01



PARKING SUPPLY:

U/G P1	REG.	ACC.	TOT.
RES	0	0	0
VIS/RET	22	1	23
TOT.	22	1	23

BA Group

2636 EGLINTON

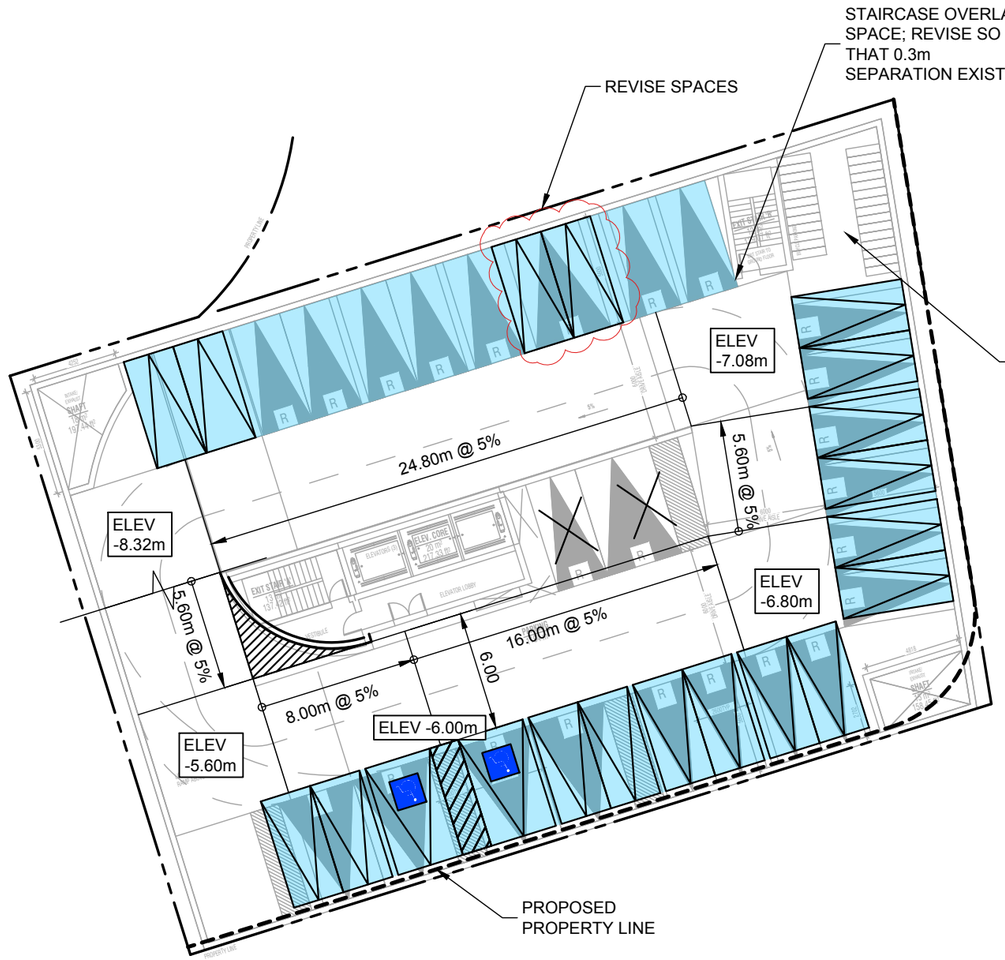
SITE PLAN REVIEW

P1 LEVEL

Project:	2636 Eglinton
Project No.	8159-03
Date:	September 17, 2022
Revised:	--

Scale 1:300 (0, 5, 10m)

Drawing No. SPR-02



PARKING SUPPLY:

U/G P1	REG.	ACC.	TOT.
RES	25	2	27
VIS/RET	0	0	0
TOT.	25	2	27

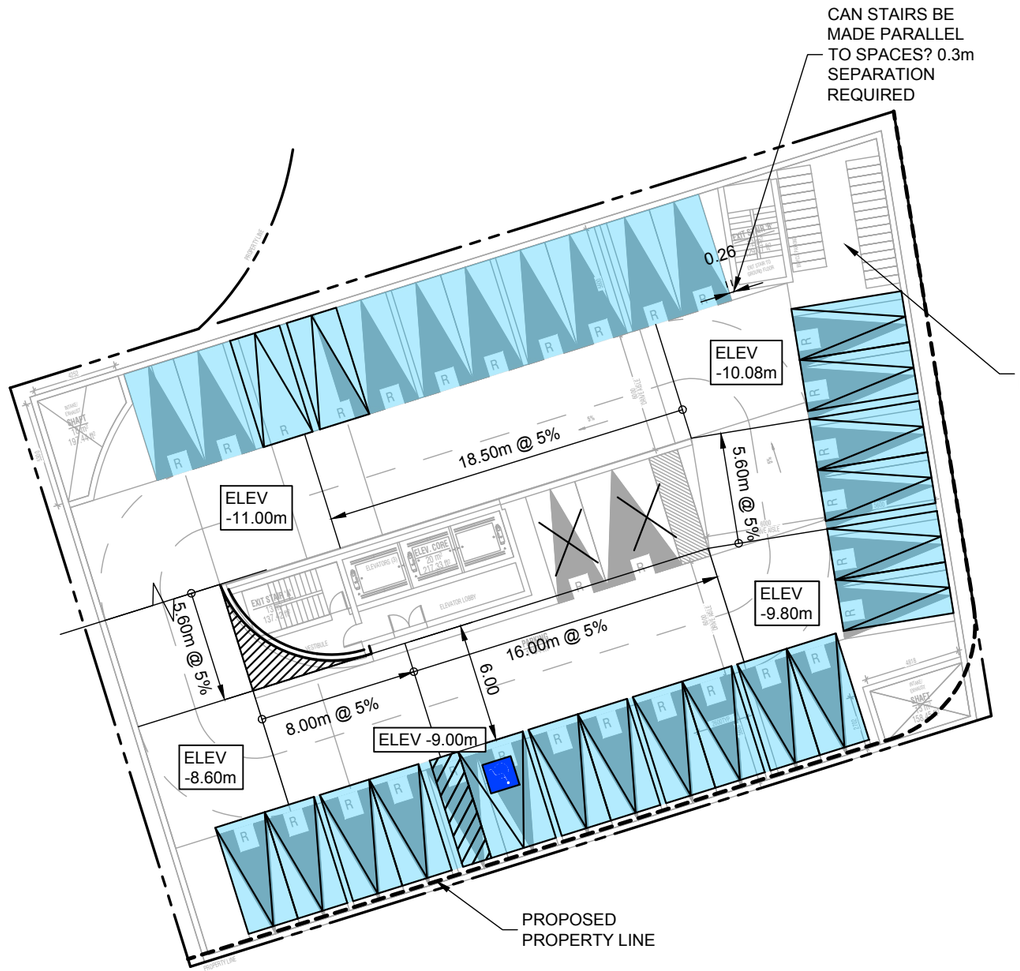
BA Group

2636 EGLINTON
SITE PLAN REVIEW
P2 LEVEL

Project:	2636 Eglinton
Project No.	8159-03
Date:	September 17, 2022
Revised:	--

Scale 1:300 (0, 5, 10m)

Drawing No. SPR-03



PARKING SUPPLY:

U/G P1	REG.	ACC.	TOT.
RES	27	1	28
VIS/RET	0	0	0
TOT.	27	1	28

BA Group

2636 EGLINTON

SITE PLAN REVIEW

P3 LEVEL

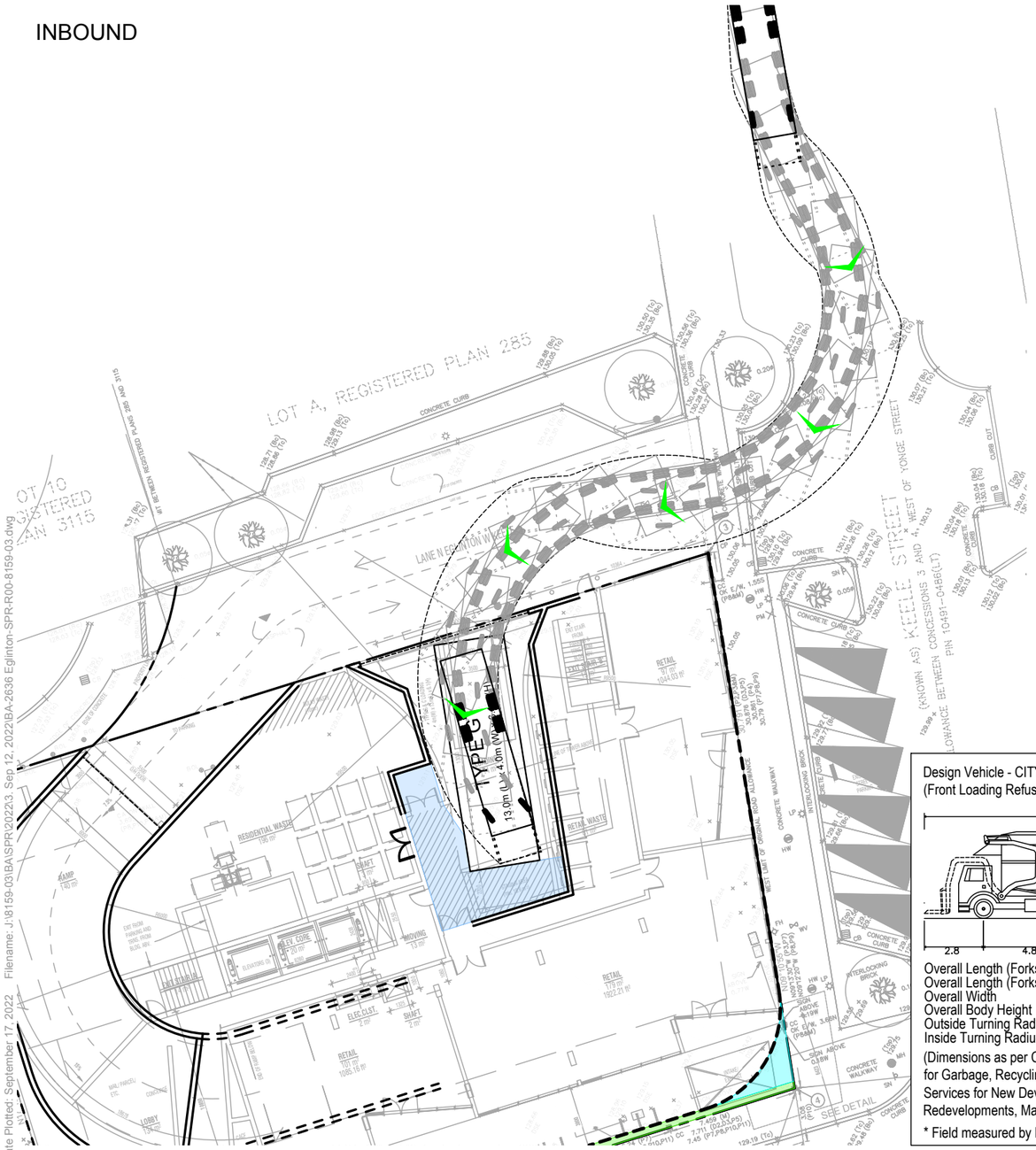
Project:	2636 Eglinton
Project No.	8159-03
Date:	September 17, 2022
Revised:	--

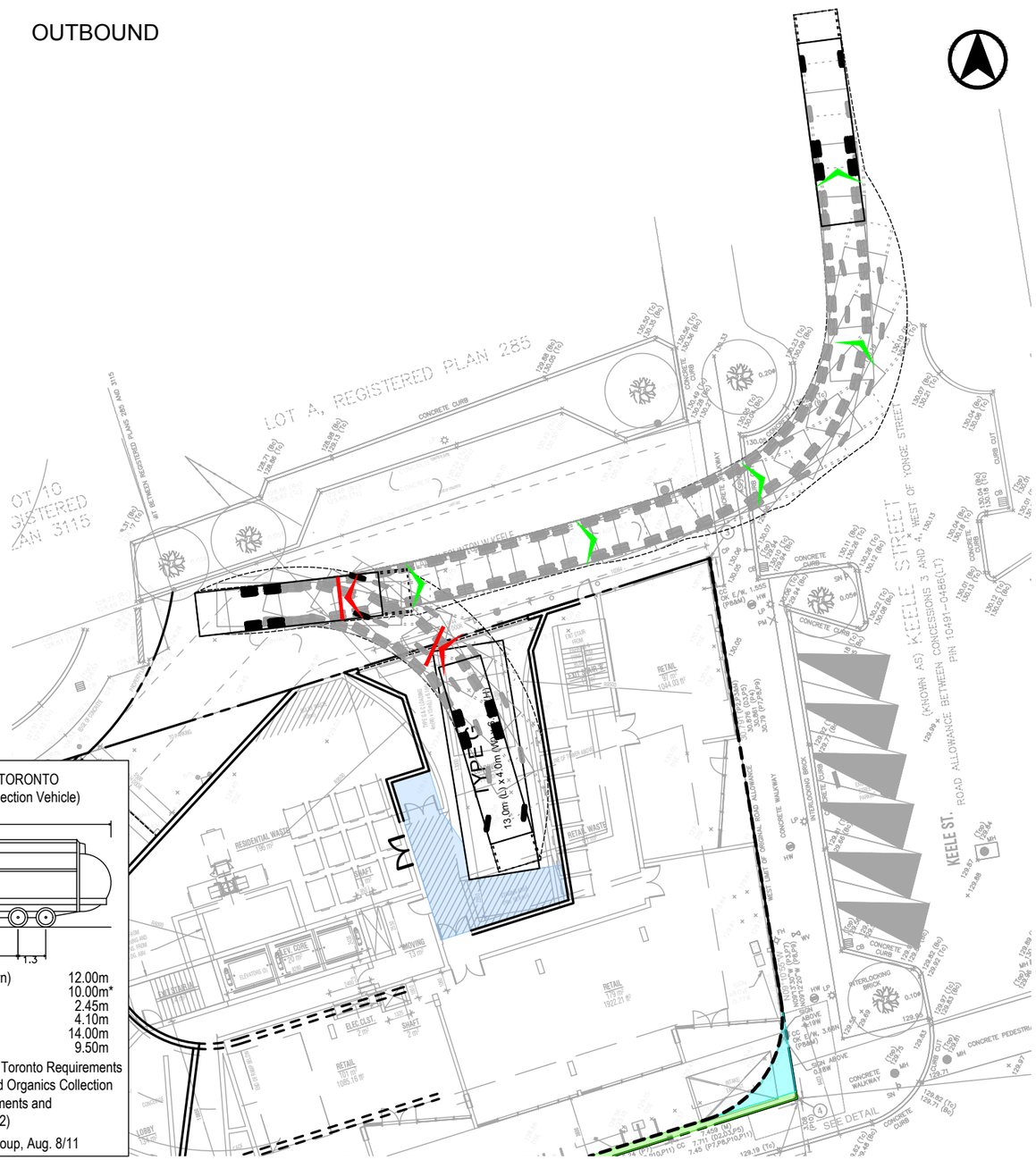
Scale 1:300 (0, 5, 10m)

Drawing No. SPR-04

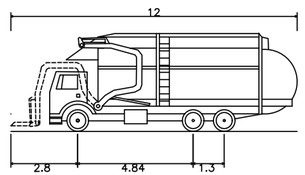
INBOUND

OUTBOUND





Design Vehicle - CITY OF TORONTO
(Front Loading Refuse Collection Vehicle)



Overall Length (Forks Down)	12.00m
Overall Length (Forks Up)	10.00m*
Overall Width	2.45m
Overall Body Height	4.10m
Outside Turning Radius	14.00m
Inside Turning Radius	9.50m

(Dimensions as per City of Toronto Requirements for Garbage, Recycling and Organics Collection Services for New Developments and Redevelopments, May 2012)

* Field measured by BA Group, Aug. 8/11

Date Plotted: September 17, 2022 Filename: J:\8159-03\BA\SPR\20223. Sep 12, 2022\BA-2636 Eglinton-SPR-R00-8159-03.dwg

BA Group

2636 EGLINTON

VEHICULAR MANOEUVRING DIAGRAM

CITY OF TORONTO FRONT LOADING REFUSE COLLECTION VEHICLE

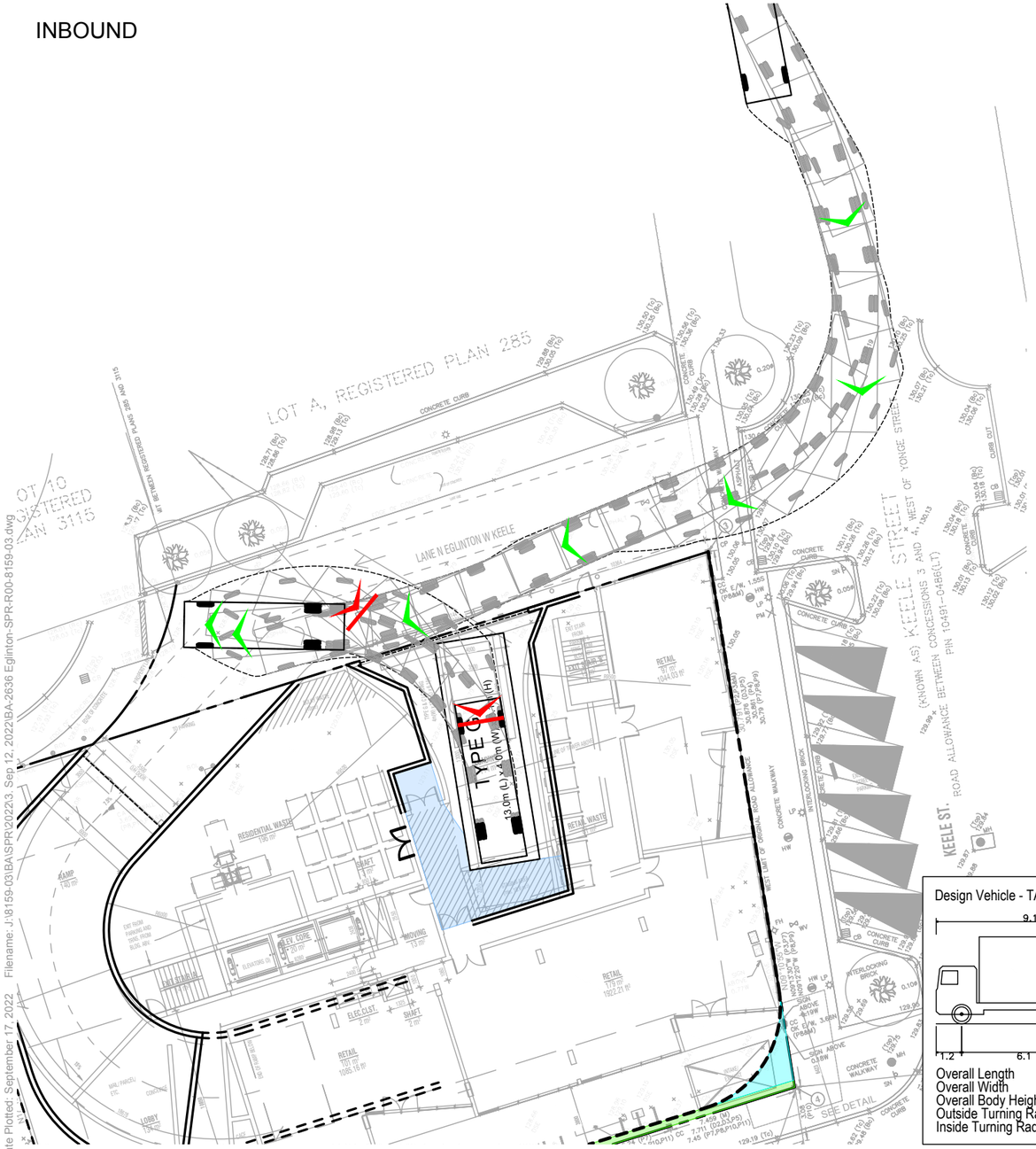
Project:	2636 Eglinton
Project No.	8159-03
Date:	September 17, 2022
Revised:	--

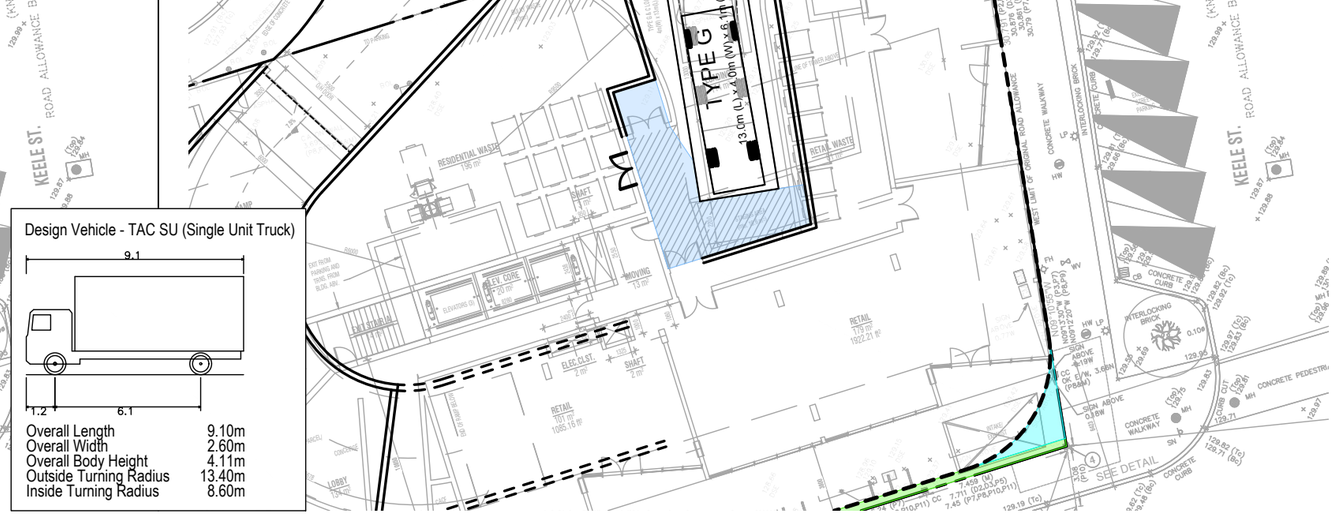
Scale 1:300 (0, 5, 10m)

Drawing No. VMD-01

INBOUND

OUTBOUND





Design Vehicle - TAC SU (Single Unit Truck)

Overall Length	9.10m
Overall Width	2.60m
Overall Body Height	4.11m
Outside Turning Radius	13.40m
Inside Turning Radius	8.60m

Date Plotted: September 17, 2022 Filename: J:\8159-03\BA\SPR\20223. Sep 12, 2022\BA-2636 Eglinton-SPR-R00-8159-03.dwg

BA Group

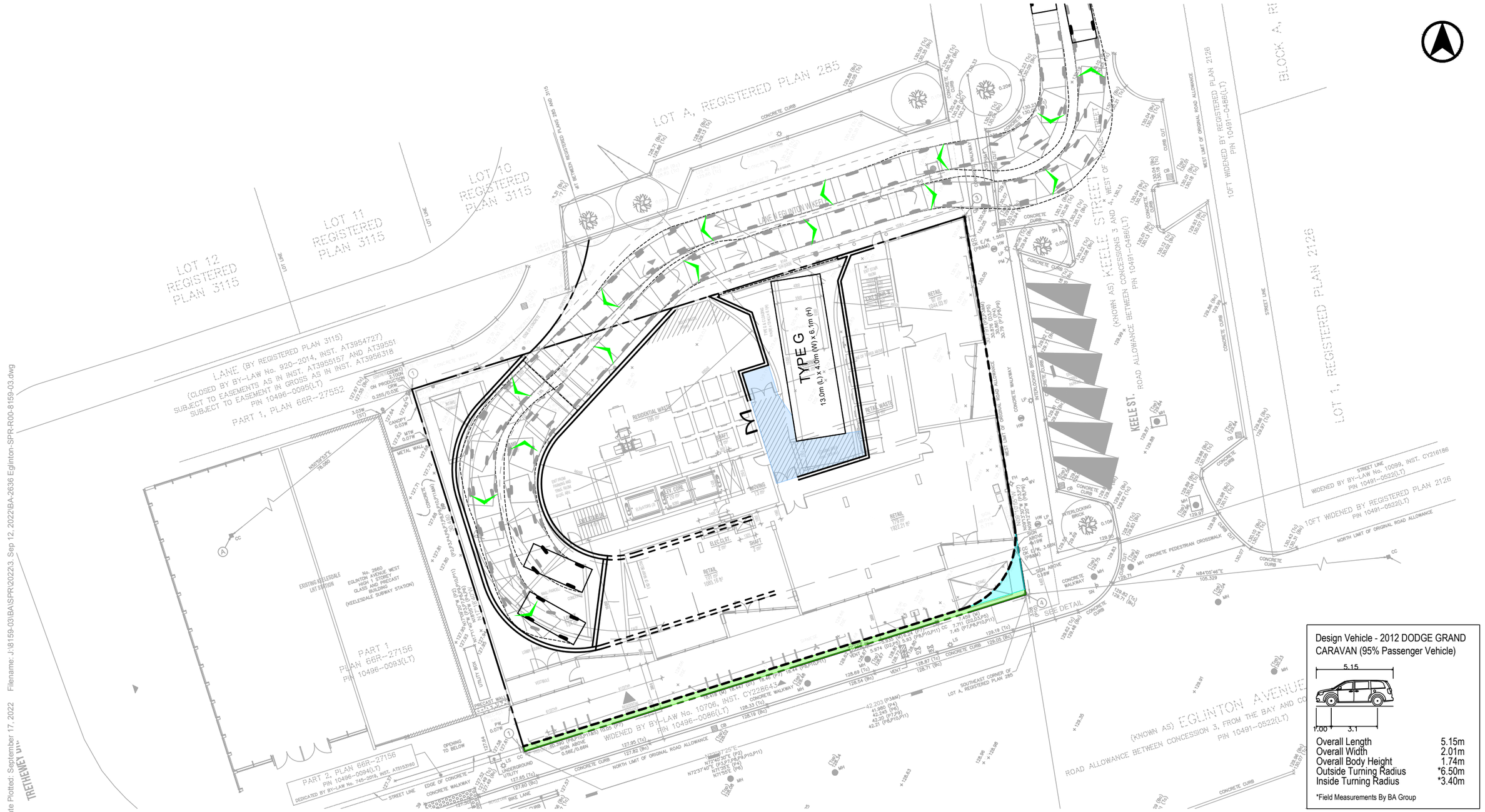
2636 EGLINTON

VEHICULAR MANOEUVRING DIAGRAM
TAC SINGLE UNIT TRUCK

Project:	2636 Eglinton
Project No.	8159-03
Date:	September 17, 2022
Revised:	--

Scale 1:300 (0, 5, 10m)

Drawing No. VMD-02



Design Vehicle - 2012 DODGE GRAND CARAVAN (95% Passenger Vehicle)

Overall Length	5.15m
Overall Width	2.01m
Overall Body Height	1.74m
Outside Turning Radius	*6.50m
Inside Turning Radius	*3.40m

*Field Measurements By BA Group

BA Group

2636 EGLINTON

VEHICULAR MANOEUVRING DIAGRAM
DODGE GRAND CARAVAN

Project:	2636 Eglinton
Project No.	8159-03
Date:	September 17, 2022
Revised:	--

Scale 1:300 (0, 5, 10m)

Drawing No. VMD-03

Date Plotted: September 17, 2022 Filename: J:\8159-03\BA\SPR\20223 Sep 12, 2022\BA-2636 Eglinton-SPR-R00-8159-03.dwg

APPENDIX II
LABORATORY CERTIFICATES OF ANALYSIS

AGAT Laboratories

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

CLIENT NAME: TERRAPEX ENVIRONMENTAL LIMITED
90 SCARSDALE RD
TORONTO, ON M3B2R7
(905) 474-5265

ATTENTION TO: Mike Deans

PROJECT: CT3639.00

AGAT WORK ORDER: 22T961549

SOIL ANALYSIS REVIEWED BY: Jacky Zhu, Spectroscopy Technician

TRACE ORGANICS REVIEWED BY: Pinkal Patel, Report Reviewer

DATE REPORTED: Oct 31, 2022

PAGES (INCLUDING COVER): 37

VERSION*: 1

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

*Notes

Disclaimer:

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

AGAT Laboratories

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Certificate of Analysis

AGAT WORK ORDER: 22T961549

PROJECT: CT3639.00

CLIENT NAME: TERRAPEX ENVIRONMENTAL LIMITED

ATTENTION TO: Mike Deans

SAMPLING SITE:2636 Eglinton Ave W

SAMPLED BY:EL

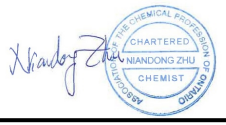
O. Reg. 153(511) - Metals & Inorganics (Soil)

DATE RECEIVED: 2022-10-25

DATE REPORTED: 2022-10-31

				SAMPLE DESCRIPTION:	MW 101-2	MW 101-5	BH 102-2	MW 2000
				SAMPLE TYPE:	Soil	Soil	Soil	Soil
				DATE SAMPLED:	2022-10-24 10:15	2022-10-24 10:50	2022-10-21 10:50	2022-10-24 10:15
Parameter	Unit	G / S	RDL		4455212	4455213	4455217	4455223
Antimony	µg/g		0.8		<0.8	<0.8	<0.8	<0.8
Arsenic	µg/g		1		5	<1	2	5
Barium	µg/g		2.0		68.0	9.7	19.5	71.4
Beryllium	µg/g		0.4		0.6	<0.4	<0.4	0.7
Boron	µg/g		5		9	<5	<5	10
Boron (Hot Water Soluble)	µg/g		0.10		0.19	<0.10	<0.10	0.18
Cadmium	µg/g		0.5		<0.5	<0.5	<0.5	<0.5
Chromium	µg/g		5		29	5	9	29
Cobalt	µg/g		0.5		13.8	2.5	4.5	14.0
Copper	µg/g		1.0		26.6	7.5	9.9	25.8
Lead	µg/g		1		15	3	3	13
Molybdenum	µg/g		0.5		0.5	<0.5	<0.5	<0.5
Nickel	µg/g		1		28	4	7	29
Selenium	µg/g		0.8		<0.8	<0.8	1.8	<0.8
Silver	µg/g		0.5		<0.5	<0.5	<0.5	<0.5
Thallium	µg/g		0.5		<0.5	<0.5	<0.5	<0.5
Uranium	µg/g		0.50		0.60	<0.50	0.50	0.59
Vanadium	µg/g		0.4		38.9	9.0	17.7	39.4
Zinc	µg/g		5		62	10	16	59
Chromium, Hexavalent	µg/g		0.2		<0.2	<0.2	<0.2	<0.2
Cyanide, WAD	µg/g		0.040		<0.040	<0.040	<0.040	<0.040
Mercury	µg/g		0.10		<0.10	<0.10	<0.10	<0.10
Electrical Conductivity (2:1)	mS/cm		0.005		1.21	0.267	2.28	1.17
Sodium Adsorption Ratio (2:1) (Calc.)	N/A		N/A		13.4	2.58	10.4	14.2
pH, 2:1 CaCl2 Extraction	pH Units		NA		7.80	8.05	7.99	7.86

Certified By:



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AGAT WORK ORDER: 22T961549

PROJECT: CT3639.00

CLIENT NAME: TERRAPEX ENVIRONMENTAL LIMITED

ATTENTION TO: Mike Deans

SAMPLING SITE:2636 Eglinton Ave W

SAMPLED BY:EL

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

DATE RECEIVED: 2022-10-25

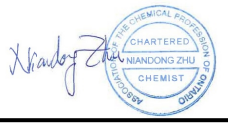
DATE REPORTED: 2022-10-31

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

4455212-4455223 EC was determined on the DI water extract obtained from the 2:1 leaching procedure (2 parts DI water:1 part soil). pH was determined on the 0.01M CaCl2 extract prepared at 2:1 ratio. SAR is a calculated parameter.

Analysis performed at AGAT Toronto (unless marked by *)

Certified By:



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AGAT WORK ORDER: 22T961549

PROJECT: CT3639.00

CLIENT NAME: TERRAPEX ENVIRONMENTAL LIMITED

ATTENTION TO: Mike Deans

SAMPLING SITE:2636 Eglinton Ave W

SAMPLED BY:EL

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

DATE RECEIVED: 2022-10-25

DATE REPORTED: 2022-10-31

		SAMPLE DESCRIPTION:		MW 101-2	MW 101-6	BH 102-2	MW 1000
		SAMPLE TYPE:		Soil	Soil	Soil	Soil
		DATE SAMPLED:		2022-10-24 10:15	2022-10-24 10:55	2022-10-21 10:50	2022-10-21 10:50
Parameter	Unit	G / S	RDL	4455212	4455214	4455217	4455220
Naphthalene	µg/g		0.05	<0.05	<0.05	<0.05	<0.05
Acenaphthylene	µg/g		0.05	<0.05	<0.05	<0.05	<0.05
Acenaphthene	µg/g		0.05	<0.05	<0.05	<0.05	<0.05
Fluorene	µg/g		0.05	<0.05	<0.05	<0.05	<0.05
Phenanthrene	µg/g		0.05	<0.05	<0.05	<0.05	<0.05
Anthracene	µg/g		0.05	<0.05	<0.05	<0.05	<0.05
Fluoranthene	µg/g		0.05	<0.05	<0.05	<0.05	<0.05
Pyrene	µg/g		0.05	<0.05	<0.05	<0.05	<0.05
Benz(a)anthracene	µg/g		0.05	<0.05	<0.05	<0.05	<0.05
Chrysene	µg/g		0.05	<0.05	<0.05	<0.05	<0.05
Benzo(b)fluoranthene	µg/g		0.05	<0.05	<0.05	<0.05	<0.05
Benzo(k)fluoranthene	µg/g		0.05	<0.05	<0.05	<0.05	<0.05
Benzo(a)pyrene	µg/g		0.05	<0.05	<0.05	<0.05	<0.05
Indeno(1,2,3-cd)pyrene	µg/g		0.05	<0.05	<0.05	<0.05	<0.05
Dibenz(a,h)anthracene	µg/g		0.05	<0.05	<0.05	<0.05	<0.05
Benzo(g,h,i)perylene	µg/g		0.05	<0.05	<0.05	<0.05	<0.05
1 and 2 Methlynaphthalene	µg/g		0.05	<0.05	<0.05	<0.05	<0.05
Moisture Content	%		0.1	13.0	9.0	18.8	18.2
Surrogate	Unit	Acceptable Limits					
Naphthalene-d8	%	50-140		75	75	70	85
Acridine-d9	%	50-140		105	85	100	105
Terphenyl-d14	%	50-140		95	95	80	110

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

4455212-4455220 Results are based on the dry weight of the soil.
Note: The result for Benzo(b)Fluoranthene is the total of the Benzo(b)&j)Fluoranthene isomers because the isomers co-elute on the GC column.
2- and 1-Methyl Naphthalene is a calculated parameter. The calculated value is the sum of 2-Methyl Naphthalene and 1-Methyl Naphthalene.

Analysis performed at AGAT Toronto (unless marked by *)

Certified By: Pinkal Patel

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PROJECT: CT3639.00

CLIENT NAME: TERRAPEX ENVIRONMENTAL LIMITED

ATTENTION TO: Mike Deans

SAMPLING SITE:2636 Eglinton Ave W

SAMPLED BY:EL

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

DATE RECEIVED: 2022-10-25

DATE REPORTED: 2022-10-31

				SAMPLE DESCRIPTION:	BH 102-2	MW 1000
				SAMPLE TYPE:	Soil	Soil
				DATE SAMPLED:	2022-10-21 10:50	2022-10-21 10:50
Parameter	Unit	G / S	RDL		4455217	4455220
F1 (C6 - C10)	µg/g		5		<5	<5
F1 (C6 to C10) minus BTEX	µg/g		5		<5	<5
F2 (C10 to C16)	µg/g		10		<10	<10
F2 (C10 to C16) minus Naphthalene	µg/g		10		<10	<10
F3 (C16 to C34)	µg/g		50		<50	<50
F3 (C16 to C34) minus PAHs	µg/g		50		<50	<50
F4 (C34 to C50)	µg/g		50		<50	<50
Gravimetric Heavy Hydrocarbons	µg/g		50		NA	NA
Moisture Content	%		0.1		18.8	18.2
Surrogate	Unit	Acceptable Limits				
Toluene-d8	%	50-140			99	98
Terphenyl	%	60-140			68	74

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

4455217-4455220 Results are based on sample dry weight.
The C6-C10 fraction is calculated using toluene response factor.
C6–C10 (F1 minus BTEX) is a calculated parameter. The calculated value is F1 minus BTEX. The calculated parameter is non-accredited. The parameters that are components of the calculation are accredited.
The C10 - C16, C16 - C34, and C34 - C50 fractions are calculated using the average response factor for n-C10, n-C16, and n-C34.
Gravimetric Heavy Hydrocarbons are not included in the Total C16-C50 and are only determined if the chromatogram of the C34 - C50 hydrocarbons indicates that hydrocarbons >C50 are present.
The chromatogram has returned to baseline by the retention time of nC50.
Total C6 - C50 results are corrected for BTEX and PAH contributions.
C>10 – C16 (F2- Naphthalene) is a calculated parameter. The calculated value is F2 - Naphthalene.
C>16 - C34 (F3-PAH) is a calculated parameter. The calculated value is F3-PAH (PAH: sum of Phenanthrene, Benzo(a)anthracene, Benzo(b)fluoranthene, Benzo(k)fluoranthene, Benzo(a)pyrene, Fluoranthene, Dibenzo(a,h)anthracene, Indeno(1,2,3-c,d)pyrene and Pyrene).
This method complies with the Reference Method for the CWS PHC and is validated for use in the laboratory.
nC10, nC16 and nC34 response factors are within 10% of their average.
C50 response factor is within 70% of nC10 + nC16 + nC34 average.
Linearity is within 15%.
Extraction and holding times were met for this sample.

Analysis performed at AGAT Toronto (unless marked by *)

Certified By: Jinkal Patel

AGAT Laboratories

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Certificate of Analysis

AGAT WORK ORDER: 22T961549

PROJECT: CT3639.00

CLIENT NAME: TERRAPEX ENVIRONMENTAL LIMITED

ATTENTION TO: Mike Deans

SAMPLING SITE:2636 Eglinton Ave W

SAMPLED BY:EL

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

DATE RECEIVED: 2022-10-25

DATE REPORTED: 2022-10-31

				SAMPLE DESCRIPTION:	MW 101-2
				SAMPLE TYPE:	Soil
				DATE SAMPLED:	2022-10-24 10:15
Parameter	Unit	G / S	RDL		4455212
Benzene	µg/g		0.02		<0.02
Toluene	µg/g		0.05		<0.05
Ethylbenzene	µg/g		0.05		<0.05
m & p-Xylene	µg/g		0.05		<0.05
o-Xylene	µg/g		0.05		<0.05
Xylenes (Total)	µg/g		0.05		<0.05
F1 (C6 - C10)	µg/g		5		<5
F1 (C6 to C10) minus BTEX	µg/g		5		<5
F2 (C10 to C16)	µg/g		10		<10
F2 (C10 to C16) minus Naphthalene	µg/g		10		<10
F3 (C16 to C34)	µg/g		50		<50
F3 (C16 to C34) minus PAHs	µg/g		50		<50
F4 (C34 to C50)	µg/g		50		<50
Gravimetric Heavy Hydrocarbons	µg/g		50		NA
Moisture Content	%		0.1		13.0
Surrogate	Unit	Acceptable Limits			
Toluene-d8	% Recovery	60-140			72
Terphenyl	%	60-140			68

Certified By: Jinkal Patel

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AGAT WORK ORDER: 22T961549

PROJECT: CT3639.00

CLIENT NAME: TERRAPEX ENVIRONMENTAL LIMITED

ATTENTION TO: Mike Deans

SAMPLING SITE:2636 Eglinton Ave W

SAMPLED BY:EL

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

DATE RECEIVED: 2022-10-25

DATE REPORTED: 2022-10-31

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

4455212 Results are based on sample dry weight.
The C6-C10 fraction is calculated using toluene response factor.
Xylenes total is a calculated parameter. The calculated value is the sum of m&p-Xylene and o-Xylene.
C6–C10 (F1 minus BTEX) is a calculated parameter. The calculated value is F1 minus BTEX.
The calculated parameters are non-accredited. The parameters that are components of the calculation are accredited.
The C10 - C16, C16 - C34, and C34 - C50 fractions are calculated using the average response factor for n-C10, n-C16, and n-C34.
Gravimetric Heavy Hydrocarbons are not included in the Total C16-C50 and are only determined if the chromatogram of the C34 - C50 hydrocarbons indicates that hydrocarbons >C50 are present.
The chromatogram has returned to baseline by the retention time of nC50.
Total C6 - C50 results are corrected for BTEX and PAH contributions.
C>10 – C16 (F2- Naphthalene) is a calculated parameter. The calculated value is F2 - Naphthalene.
C>16 - C34 (F3-PAH) is a calculated parameter. The calculated value is F3-PAH (PAH: sum of Phenanthrene, Benzo(a)anthracene, Benzo(b)fluoranthene, Benzo(k)fluoranthene, Benzo(a)pyrene, Fluoranthene, Dibenzo(a,h)anthracene, Indeno(1,2,3-c,d)pyrene and Pyrene).
This method complies with the Reference Method for the CWS PHC and is validated for use in the laboratory.
nC10, nC16 and nC34 response factors are within 10% of their average.
C50 response factor is within 70% of nC10 + nC16 + nC34 average.
Linearity is within 15%.
Extraction and holding times were met for this sample.

Analysis performed at AGAT Toronto (unless marked by *)

Certified By: Jinkal Patel

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PROJECT: CT3639.00

CLIENT NAME: TERRAPEX ENVIRONMENTAL LIMITED

ATTENTION TO: Mike Deans

SAMPLING SITE:2636 Eglinton Ave W

SAMPLED BY:EL

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

DATE RECEIVED: 2022-10-25

DATE REPORTED: 2022-10-31

		SAMPLE DESCRIPTION:		MW 101-7	BH 102-3
		SAMPLE TYPE:		Soil	Soil
		DATE SAMPLED:		2022-10-24 11:05	2022-10-21 11:00
Parameter	Unit	G / S	RDL	4455215	4455219
F1 (C6 - C10)	µg/g		5	<5	<5
F1 (C6 to C10) minus BTEX	µg/g		5	<5	<5
F2 (C10 to C16)	µg/g		10	<10	<10
F3 (C16 to C34)	µg/g		50	<50	<50
F4 (C34 to C50)	µg/g		50	<50	<50
Gravimetric Heavy Hydrocarbons	µg/g		50	NA	NA
Moisture Content	%		0.1	16.3	11.4
Surrogate	Unit	Acceptable Limits			
Toluene-d8	%	50-140		98	94
Terphenyl	%	60-140		86	87

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

4455215-4455219 Results are based on sample dry weight.
The C6-C10 fraction is calculated using toluene response factor.
C6–C10 (F1 minus BTEX) is a calculated parameter. The calculated value is F1 minus BTEX. The calculated parameter is non-accredited. The parameters that are components of the calculation are accredited.
The C10 - C16, C16 - C34, and C34 - C50 fractions are calculated using the average response factor for n-C10, n-C16, and n-C34.
Gravimetric Heavy Hydrocarbons are not included in the Total C16-C50 and are only determined if the chromatogram of the C34 - C50 hydrocarbons indicates that hydrocarbons >C50 are present.
The chromatogram has returned to baseline by the retention time of nC50.
Total C6 - C50 results are corrected for BTEX contribution.
This method complies with the Reference Method for the CWS PHC and is validated for use in the laboratory.
nC6 and nC10 response factors are within 30% of Toluene response factor.
nC10, nC16 and nC34 response factors are within 10% of their average.
C50 response factor is within 70% of nC10 + nC16 + nC34 average.
Linearity is within 15%.
Extraction and holding times were met for this sample.
Fractions 1-4 are quantified without the contribution of PAHs. Under Ontario Regulation 153, results are considered valid without determining the PAH contribution if not requested by the client.

Analysis performed at AGAT Toronto (unless marked by *)

Certified By: Pinkal Patel

AGAT Laboratories

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Certificate of Analysis

AGAT WORK ORDER: 22T961549

PROJECT: CT3639.00

CLIENT NAME: TERRAPEX ENVIRONMENTAL LIMITED

ATTENTION TO: Mike Deans

SAMPLING SITE:2636 Eglinton Ave W

SAMPLED BY:EL

O. Reg. 153(511) - PHCs F1/BTEX (MEOH)

DATE RECEIVED: 2022-10-25

DATE REPORTED: 2022-10-31

				SAMPLE DESCRIPTION:	MW 100
				SAMPLE TYPE:	MeOH
				DATE SAMPLED:	2022-10-21 11:05
Parameter	Unit	G / S	RDL	4455224	
Benzene	µg/g		0.02	<0.02	
Toluene	µg/g		0.05	<0.05	
Ethylbenzene	µg/g		0.05	<0.05	
m & p-Xylene	µg/g		0.05	<0.05	
o-Xylene	µg/g		0.05	<0.05	
Xylenes (Total)	µg/g		0.05	<0.05	
F1 (C6 - C10)	µg/g		5	<5	
F1 (C6 to C10) minus BTEX	µg/g		5	<5	
Surrogate	Unit	Acceptable Limits			
Toluene-d8	% Recovery	60-140		103	

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

4455224 A small amount of the methanol extract was diluted in water and the purge & trap GC/MS/FID analysis was performed.
Xylenes total is a calculated parameter. The calculated value is the sum of m&p-Xylene + o-Xylene.
C6–C10 (F1 minus BTEX) is a calculated parameter. The calculated value is F1 minus BTEX.
The calculated parameters are non-accredited. The parameters that are components of the calculation are accredited.

Analysis performed at AGAT Toronto (unless marked by *)

Certified By: Jinkal Patel

AGAT Laboratories

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Certificate of Analysis

AGAT WORK ORDER: 22T961549

PROJECT: CT3639.00

CLIENT NAME: TERRAPEX ENVIRONMENTAL LIMITED

ATTENTION TO: Mike Deans

SAMPLING SITE:2636 Eglinton Ave W

SAMPLED BY:EL

O. Reg. 153(511) - VOCs (MEOH)

DATE RECEIVED: 2022-10-25

DATE REPORTED: 2022-10-31

		SAMPLE DESCRIPTION:		MW 100
		SAMPLE TYPE:		MeOH
		DATE SAMPLED:		2022-10-21 11:05
Parameter	Unit	G / S	RDL	4455224
Dichlorodifluoromethane	µg/g		0.05	<0.05
Vinyl Chloride	ug/g		0.02	<0.02
Bromomethane	ug/g		0.05	<0.05
Trichlorofluoromethane	ug/g		0.05	<0.05
Acetone	ug/g		0.50	<0.50
1,1-Dichloroethylene	ug/g		0.05	<0.05
Methylene Chloride	ug/g		0.05	<0.05
Trans- 1,2-Dichloroethylene	ug/g		0.05	<0.05
Methyl tert-butyl Ether	ug/g		0.05	<0.05
1,1-Dichloroethane	ug/g		0.02	<0.02
Methyl Ethyl Ketone	ug/g		0.50	<0.50
Cis- 1,2-Dichloroethylene	ug/g		0.02	<0.02
Chloroform	ug/g		0.04	<0.04
1,2-Dichloroethane	ug/g		0.03	<0.03
1,1,1-Trichloroethane	ug/g		0.05	<0.05
Carbon Tetrachloride	ug/g		0.05	<0.05
Benzene	ug/g		0.02	<0.02
1,2-Dichloropropane	ug/g		0.03	<0.03
Trichloroethylene	ug/g		0.03	<0.03
Bromodichloromethane	ug/g		0.05	<0.05
Methyl Isobutyl Ketone	ug/g		0.50	<0.50
1,1,2-Trichloroethane	ug/g		0.04	<0.04
Toluene	ug/g		0.05	<0.05
Dibromochloromethane	ug/g		0.05	<0.05
Ethylene Dibromide	ug/g		0.04	<0.04
Tetrachloroethylene	ug/g		0.05	<0.05
1,1,1,2-Tetrachloroethane	ug/g		0.04	<0.04
Chlorobenzene	ug/g		0.05	<0.05
Ethylbenzene	ug/g		0.05	<0.05

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AGAT WORK ORDER: 22T961549

PROJECT: CT3639.00

CLIENT NAME: TERRAPEX ENVIRONMENTAL LIMITED

ATTENTION TO: Mike Deans

SAMPLING SITE:2636 Eglinton Ave W

SAMPLED BY:EL

O. Reg. 153(511) - VOCs (MEOH)

DATE RECEIVED: 2022-10-25

DATE REPORTED: 2022-10-31

				SAMPLE DESCRIPTION:	MW 100
				SAMPLE TYPE:	MeOH
				DATE SAMPLED:	2022-10-21 11:05
Parameter	Unit	G / S	RDL	4455224	
m & p-Xylene	ug/g		0.05	<0.05	
Bromoform	ug/g		0.05	<0.05	
Styrene	ug/g		0.05	<0.05	
1,1,2,2-Tetrachloroethane	ug/g		0.05	<0.05	
o-Xylene	ug/g		0.05	<0.05	
1,3-Dichlorobenzene	ug/g		0.05	<0.05	
1,4-Dichlorobenzene	ug/g		0.05	<0.05	
1,2-Dichlorobenzene	ug/g		0.05	<0.05	
Xylenes (Total)	ug/g		0.05	<0.05	
1,3-Dichloropropene (Cis + Trans)	µg/g		0.04	<0.04	
n-Hexane	µg/g		0.05	<0.05	
Surrogate	Unit	Acceptable Limits			
Toluene-d8	% Recovery	50-140		102	
4-Bromofluorobenzene	% Recovery	50-140		98	

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

4455224 A small amount of methanol extract was diluted in water and analyzed by purge & trap GC/MS.
Xylenes total is a calculated parameter. The calculated value is the sum of m&p-Xylene + o-Xylene.
1,3-Dichloropropene total is a calculated parameter. The calculated value is the sum of Cis-1,3-Dichloropropene and Trans-1,3-Dichloropropene.
The calculated parameters are non-accredited. The parameters that are components of the calculation are accredited.

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AGAT WORK ORDER: 22T961549

PROJECT: CT3639.00

CLIENT NAME: TERRAPEX ENVIRONMENTAL LIMITED

ATTENTION TO: Mike Deans

SAMPLING SITE:2636 Eglinton Ave W

SAMPLED BY:EL

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

DATE RECEIVED: 2022-10-25

DATE REPORTED: 2022-10-31

SAMPLE DESCRIPTION:				MW 101-7	BH 102-2	BH 102-3	MW 1000
SAMPLE TYPE:				Soil	Soil	Soil	Soil
DATE SAMPLED:				2022-10-24 11:05	2022-10-21 10:50	2022-10-21 11:00	2022-10-21 10:50
Parameter	Unit	G / S	RDL	4455215	4455217	4455219	4455220
Dichlorodifluoromethane	µg/g		0.05	<0.05	<0.05	<0.05	<0.05
Vinyl Chloride	ug/g		0.02	<0.02	<0.02	<0.02	<0.02
Bromomethane	ug/g		0.05	<0.05	<0.05	<0.05	<0.05
Trichlorofluoromethane	ug/g		0.05	<0.05	<0.05	<0.05	<0.05
Acetone	ug/g		0.50	<0.50	<0.50	<0.50	<0.50
1,1-Dichloroethylene	ug/g		0.05	<0.05	<0.05	<0.05	<0.05
Methylene Chloride	ug/g		0.05	<0.05	<0.05	<0.05	<0.05
Trans- 1,2-Dichloroethylene	ug/g		0.05	<0.05	<0.05	<0.05	<0.05
Methyl tert-butyl Ether	ug/g		0.05	<0.05	<0.05	<0.05	<0.05
1,1-Dichloroethane	ug/g		0.02	<0.02	<0.02	<0.02	<0.02
Methyl Ethyl Ketone	ug/g		0.50	<0.50	<0.50	<0.50	<0.50
Cis- 1,2-Dichloroethylene	ug/g		0.02	<0.02	<0.02	<0.02	<0.02
Chloroform	ug/g		0.04	<0.04	<0.04	<0.04	<0.04
1,2-Dichloroethane	ug/g		0.03	<0.03	<0.03	<0.03	<0.03
1,1,1-Trichloroethane	ug/g		0.05	<0.05	<0.05	<0.05	<0.05
Carbon Tetrachloride	ug/g		0.05	<0.05	<0.05	<0.05	<0.05
Benzene	ug/g		0.02	<0.02	<0.02	<0.02	<0.02
1,2-Dichloropropane	ug/g		0.03	<0.03	<0.03	<0.03	<0.03
Trichloroethylene	ug/g		0.03	<0.03	<0.03	<0.03	<0.03
Bromodichloromethane	ug/g		0.05	<0.05	<0.05	<0.05	<0.05
Methyl Isobutyl Ketone	ug/g		0.50	<0.50	<0.50	<0.50	<0.50
1,1,2-Trichloroethane	ug/g		0.04	<0.04	<0.04	<0.04	<0.04
Toluene	ug/g		0.05	<0.05	<0.05	<0.05	<0.05
Dibromochloromethane	ug/g		0.05	<0.05	<0.05	<0.05	<0.05
Ethylene Dibromide	ug/g		0.04	<0.04	<0.04	<0.04	<0.04
Tetrachloroethylene	ug/g		0.05	<0.05	<0.05	<0.05	<0.05
1,1,1,2-Tetrachloroethane	ug/g		0.04	<0.04	<0.04	<0.04	<0.04
Chlorobenzene	ug/g		0.05	<0.05	<0.05	<0.05	<0.05
Ethylbenzene	ug/g		0.05	<0.05	<0.05	<0.05	<0.05

Certified By: Pinkal Patel

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Certificate of Analysis

AGAT WORK ORDER: 22T961549

PROJECT: CT3639.00

CLIENT NAME: TERRAPEX ENVIRONMENTAL LIMITED

ATTENTION TO: Mike Deans

SAMPLING SITE:2636 Eglinton Ave W

SAMPLED BY:EL

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

DATE RECEIVED: 2022-10-25

DATE REPORTED: 2022-10-31

				SAMPLE DESCRIPTION:	MW 101-7	BH 102-2	BH 102-3	MW 1000
				SAMPLE TYPE:	Soil	Soil	Soil	Soil
				DATE SAMPLED:	2022-10-24 11:05	2022-10-21 10:50	2022-10-21 11:00	2022-10-21 10:50
Parameter	Unit	G / S	RDL		4455215	4455217	4455219	4455220
m & p-Xylene	ug/g		0.05		<0.05	<0.05	<0.05	<0.05
Bromoform	ug/g		0.05		<0.05	<0.05	<0.05	<0.05
Styrene	ug/g		0.05		<0.05	<0.05	<0.05	<0.05
1,1,2,2-Tetrachloroethane	ug/g		0.05		<0.05	<0.05	<0.05	<0.05
o-Xylene	ug/g		0.05		<0.05	<0.05	<0.05	<0.05
1,3-Dichlorobenzene	ug/g		0.05		<0.05	<0.05	<0.05	<0.05
1,4-Dichlorobenzene	ug/g		0.05		<0.05	<0.05	<0.05	<0.05
1,2-Dichlorobenzene	ug/g		0.05		<0.05	<0.05	<0.05	<0.05
Xylenes (Total)	ug/g		0.05		<0.05	<0.05	<0.05	<0.05
1,3-Dichloropropene (Cis + Trans)	µg/g		0.05		<0.05	<0.05	<0.05	<0.05
n-Hexane	µg/g		0.05		<0.05	<0.05	<0.05	<0.05
Moisture Content	%		0.1		16.3	18.8	11.4	18.2
Surrogate	Unit	Acceptable Limits						
Toluene-d8	% Recovery	50-140			98	99	94	98
4-Bromofluorobenzene	% Recovery	50-140			99	102	101	100

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

4455215-4455220 The sample was analyzed using the high level technique. The sample was extracted using methanol, a small amount of the methanol extract was diluted in water and the purge & trap GC/MS analysis was performed. Results are based on the dry weight of the soil.
Xylenes total is a calculated parameter. The calculated value is the sum of m&p-Xylene + o-Xylene.
1,3-Dichloropropene total is a calculated parameter. The calculated value is the sum of Cis-1,3-Dichloropropene and Trans-1,3-Dichloropropene.
The calculated parameters are non-accredited. The parameters that are components of the calculation are accredited.

Analysis performed at AGAT Toronto (unless marked by *)

Certified By: Pinkal Patel

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Quality Assurance

CLIENT NAME: TERRAPEX ENVIRONMENTAL LIMITED

AGAT WORK ORDER: 22T961549

PROJECT: CT3639.00

ATTENTION TO: Mike Deans

SAMPLING SITE:2636 Eglinton Ave W

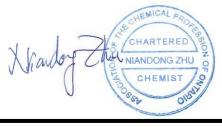
SAMPLED BY:EL

Soil Analysis

RPT Date: Oct 31, 2022			DUPLICATE				REFERENCE MATERIAL			METHOD BLANK SPIKE			MATRIX SPIKE		
PARAMETER	Batch	Sample Id	Dup #1	Dup #2	RPD	Method Blank	Measured Value	Acceptable Limits		Recovery	Acceptable Limits		Recovery	Acceptable Limits	
								Lower	Upper		Lower	Upper		Lower	Upper
O. Reg. 153(511) - Metals & Inorganics (Soil)															
Antimony	4435392		<0.8	<0.8	NA	< 0.8	110%	70%	130%	83%	80%	120%	85%	70%	130%
Arsenic	4435392		7	7	0.0%	< 1	125%	70%	130%	101%	80%	120%	101%	70%	130%
Barium	4435392		41.2	41.4	0.5%	< 2.0	106%	70%	130%	100%	80%	120%	98%	70%	130%
Beryllium	4435392		1.3	1.4	NA	< 0.4	91%	70%	130%	95%	80%	120%	98%	70%	130%
Boron	4435392		34	35	2.9%	< 5	97%	70%	130%	101%	80%	120%	93%	70%	130%
Boron (Hot Water Soluble)	4455152		0.18	0.22	NA	< 0.10	94%	60%	140%	108%	70%	130%	97%	60%	140%
Cadmium	4435392		<0.5	<0.5	NA	< 0.5	97%	70%	130%	105%	80%	120%	106%	70%	130%
Chromium	4435392		77	77	0.0%	< 5	114%	70%	130%	117%	80%	120%	110%	70%	130%
Cobalt	4435392		21.9	21.8	0.5%	< 0.5	122%	70%	130%	117%	80%	120%	113%	70%	130%
Copper	4435392		62.2	63.2	1.6%	< 1.0	105%	70%	130%	116%	80%	120%	106%	70%	130%
Lead	4435392		5	5	0.0%	< 1	114%	70%	130%	112%	80%	120%	110%	70%	130%
Molybdenum	4435392		<0.5	<0.5	NA	< 0.5	117%	70%	130%	109%	80%	120%	103%	70%	130%
Nickel	4435392		46	46	0.0%	< 1	118%	70%	130%	113%	80%	120%	106%	70%	130%
Selenium	4435392		<0.8	0.9	NA	< 0.8	97%	70%	130%	110%	80%	120%	110%	70%	130%
Silver	4435392		<0.5	<0.5	NA	< 0.5	103%	70%	130%	104%	80%	120%	98%	70%	130%
Thallium	4435392		<0.5	<0.5	NA	< 0.5	136%	70%	130%	106%	80%	120%	104%	70%	130%
Uranium	4435392		0.99	1.00	NA	< 0.50	125%	70%	130%	110%	80%	120%	111%	70%	130%
Vanadium	4435392		56.5	57.3	1.4%	< 0.4	130%	70%	130%	114%	80%	120%	111%	70%	130%
Zinc	4435392		92	92	0.0%	< 5	115%	70%	130%	114%	80%	120%	106%	70%	130%
Chromium, Hexavalent	4456474		<0.2	<0.2	NA	< 0.2	102%	70%	130%	94%	80%	120%	110%	70%	130%
Cyanide, WAD	4454817		<0.040	<0.040	NA	< 0.040	92%	70%	130%	106%	80%	120%	98%	70%	130%
Mercury	4435392		<0.10	<0.10	NA	< 0.10	120%	70%	130%	107%	80%	120%	109%	70%	130%
Electrical Conductivity (2:1)	4461256		0.110	0.109	0.9%	< 0.005	105%	80%	120%						
Sodium Adsorption Ratio (2:1) (Calc.)	4464206		1.10	1.11	0.9%	NA									
pH, 2:1 CaCl2 Extraction	4456474		7.87	7.91	0.5%	NA	100%	80%	120%						

Comments: NA signifies Not Applicable.
pH duplicates QA acceptance criteria was met relative as stated in Table 5-15 of Analytical Protocol document.
Duplicate NA: results are under 5X the RDL and will not be calculated.
For a multi-element scan for lab control standards and matrix spikes, up to 10% of analytes may exceed the quoted limits by up to 10% absolute and it is considered acceptable.

Certified By:



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Quality Assurance

CLIENT NAME: TERRAPEX ENVIRONMENTAL LIMITED
AGAT WORK ORDER: 22T961549
PROJECT: CT3639.00
ATTENTION TO: Mike Deans
SAMPLING SITE:2636 Eglinton Ave W
SAMPLED BY:EL

Trace Organics Analysis

RPT Date: Oct 31, 2022			DUPLICATE				REFERENCE MATERIAL			METHOD BLANK SPIKE			MATRIX SPIKE		
PARAMETER	Batch	Sample Id	Dup #1	Dup #2	RPD	Method Blank	Measured Value	Acceptable Limits		Recovery	Acceptable Limits		Recovery	Acceptable Limits	
								Lower	Upper		Lower	Upper		Lower	Upper
O. Reg. 153(511) - PHCs F1 - F4 (with PAHs) (Soil)															
Benzene	4455761		<0.02	<0.02	NA	< 0.02	87%	60%	140%	102%	60%	140%	95%	60%	140%
Toluene	4455761		<0.05	<0.05	NA	< 0.05	90%	60%	140%	113%	60%	140%	106%	60%	140%
Ethylbenzene	4455761		<0.05	<0.05	NA	< 0.05	93%	60%	140%	99%	60%	140%	99%	60%	140%
m & p-Xylene	4455761		<0.05	<0.05	NA	< 0.05	97%	60%	140%	101%	60%	140%	93%	60%	140%
o-Xylene	4455761		<0.05	<0.05	NA	< 0.05	95%	60%	140%	87%	60%	140%	85%	60%	140%
F1 (C6 - C10)	4455761		<5	<5	NA	< 5	96%	60%	140%	104%	60%	140%	105%	60%	140%
F2 (C10 to C16)	4453346		<10	<10	NA	< 10	101%	60%	140%	103%	60%	140%	81%	60%	140%
F3 (C16 to C34)	4453346		<50	<50	NA	< 50	105%	60%	140%	83%	60%	140%	68%	60%	140%
F4 (C34 to C50)	4453346		<50	<50	NA	< 50	77%	60%	140%	87%	60%	140%	79%	60%	140%
O. Reg. 153(511) - PAHs (Soil)															
Naphthalene	4455547		< 0.05	< 0.05	NA	< 0.05	87%	50%	140%	89%	50%	140%	91%	50%	140%
Acenaphthylene	4455547		< 0.05	< 0.05	NA	< 0.05	81%	50%	140%	77%	50%	140%	115%	50%	140%
Acenaphthene	4455547		<0.05	<0.05	NA	< 0.05	103%	50%	140%	78%	50%	140%	63%	50%	140%
Fluorene	4455547		<0.05	<0.05	NA	< 0.05	101%	50%	140%	80%	50%	140%	50%	50%	140%
Phenanthrene	4455547		<0.05	<0.05	NA	< 0.05	106%	50%	140%	75%	50%	140%	61%	50%	140%
Anthracene	4455547		< 0.05	< 0.05	NA	< 0.05	108%	50%	140%	81%	50%	140%	108%	50%	140%
Fluoranthene	4455547		< 0.05	< 0.05	NA	< 0.05	91%	50%	140%	71%	50%	140%	91%	50%	140%
Pyrene	4455547		< 0.05	< 0.05	NA	< 0.05	85%	50%	140%	98%	50%	140%	80%	50%	140%
Benz(a)anthracene	4455547		< 0.05	< 0.05	NA	< 0.05	91%	50%	140%	99%	50%	140%	91%	50%	140%
Chrysene	4455547		<0.05	<0.05	NA	< 0.05	66%	50%	140%	108%	50%	140%	73%	50%	140%
Benzo(b)fluoranthene	4455547		<0.05	<0.05	NA	< 0.05	94%	50%	140%	78%	50%	140%	53%	50%	140%
Benzo(k)fluoranthene	4455547		< 0.05	< 0.05	NA	< 0.05	68%	50%	140%	108%	50%	140%	105%	50%	140%
Benzo(a)pyrene	4455547		< 0.05	< 0.05	NA	< 0.05	83%	50%	140%	85%	50%	140%	99%	50%	140%
Indeno(1,2,3-cd)pyrene	4455547		< 0.05	< 0.05	NA	< 0.05	77%	50%	140%	83%	50%	140%	89%	50%	140%
Dibenz(a,h)anthracene	4455547		< 0.05	< 0.05	NA	< 0.05	89%	50%	140%	88%	50%	140%	80%	50%	140%
Benzo(g,h,i)perylene	4455547		< 0.05	< 0.05	NA	< 0.05	90%	50%	140%	97%	50%	140%	75%	50%	140%
O. Reg. 153(511) - PHCs F1 - F4 (with VOC) (Soil)															
F1 (C6 - C10)	4437130		<5	<5	NA	< 5	90%	60%	140%	97%	60%	140%	70%	60%	140%
F2 (C10 to C16)	4430411		<10	<10	NA	< 10	100%	60%	140%	74%	60%	140%	86%	60%	140%
F3 (C16 to C34)	4430411		<50	<50	NA	< 50	104%	60%	140%	63%	60%	140%	70%	60%	140%
F4 (C34 to C50)	4430411		<50	<50	NA	< 50	88%	60%	140%	71%	60%	140%	85%	60%	140%
O. Reg. 153(511) - VOCs (with PHC) (Soil)															
Dichlorodifluoromethane	4437130		<0.05	<0.05	NA	< 0.05	113%	50%	140%	102%	50%	140%	90%	50%	140%
Vinyl Chloride	4437130		<0.02	<0.02	NA	< 0.02	113%	50%	140%	98%	50%	140%	95%	50%	140%
Bromomethane	4437130		<0.05	<0.05	NA	< 0.05	98%	50%	140%	80%	50%	140%	87%	50%	140%
Trichlorofluoromethane	4437130		<0.05	<0.05	NA	< 0.05	127%	50%	140%	131%	50%	140%	118%	50%	140%
Acetone	4437130		<0.50	<0.50	NA	< 0.50	81%	50%	140%	105%	50%	140%	98%	50%	140%
1,1-Dichloroethylene	4437130		< 0.05	< 0.05	NA	< 0.05	88%	50%	140%	80%	60%	130%	79%	50%	140%

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Quality Assurance

CLIENT NAME: TERRAPEX ENVIRONMENTAL LIMITED

AGAT WORK ORDER: 22T961549

PROJECT: CT3639.00

ATTENTION TO: Mike Deans

SAMPLING SITE:2636 Eglinton Ave W

SAMPLED BY:EL

Trace Organics Analysis (Continued)

RPT Date: Oct 31, 2022			DUPLICATE				REFERENCE MATERIAL			METHOD BLANK SPIKE			MATRIX SPIKE		
PARAMETER	Batch	Sample Id	Dup #1	Dup #2	RPD	Method Blank	Measured Value	Acceptable Limits		Recovery	Acceptable Limits		Recovery	Acceptable Limits	
								Lower	Upper		Lower	Upper		Lower	Upper
Methylene Chloride	4437130		<0.05	<0.05	NA	< 0.05	111%	50%	140%	114%	60%	130%	88%	50%	140%
Trans- 1,2-Dichloroethylene	4437130		<0.05	<0.05	NA	< 0.05	91%	50%	140%	114%	60%	130%	105%	50%	140%
Methyl tert-butyl Ether	4437130		<0.05	<0.05	NA	< 0.05	84%	50%	140%	102%	60%	130%	76%	50%	140%
1,1-Dichloroethane	4437130		<0.02	<0.02	NA	< 0.02	99%	50%	140%	103%	60%	130%	101%	50%	140%
Methyl Ethyl Ketone	4437130		<0.50	<0.50	NA	< 0.50	95%	50%	140%	90%	50%	140%	110%	50%	140%
Cis- 1,2-Dichloroethylene	4437130		<0.02	<0.02	NA	< 0.02	84%	50%	140%	116%	60%	130%	89%	50%	140%
Chloroform	4437130		<0.04	<0.04	NA	< 0.04	88%	50%	140%	105%	60%	130%	98%	50%	140%
1,2-Dichloroethane	4437130		<0.03	<0.03	NA	< 0.03	99%	50%	140%	106%	60%	130%	99%	50%	140%
1,1,1-Trichloroethane	4437130		<0.05	<0.05	NA	< 0.05	77%	50%	140%	108%	60%	130%	70%	50%	140%
Carbon Tetrachloride	4437130		<0.05	<0.05	NA	< 0.05	79%	50%	140%	86%	60%	130%	87%	50%	140%
Benzene	4437130		<0.02	<0.02	NA	< 0.02	104%	50%	140%	87%	60%	130%	74%	50%	140%
1,2-Dichloropropane	4437130		<0.03	<0.03	NA	< 0.03	103%	50%	140%	83%	60%	130%	81%	50%	140%
Trichloroethylene	4437130		<0.03	<0.03	NA	< 0.03	77%	50%	140%	83%	60%	130%	71%	50%	140%
Bromodichloromethane	4437130		<0.05	<0.05	NA	< 0.05	99%	50%	140%	99%	60%	130%	111%	50%	140%
Methyl Isobutyl Ketone	4437130		<0.50	<0.50	NA	< 0.50	121%	50%	140%	100%	50%	140%	95%	50%	140%
1,1,2-Trichloroethane	4437130		<0.04	<0.04	NA	< 0.04	110%	50%	140%	102%	60%	130%	114%	50%	140%
Toluene	4437130		<0.05	<0.05	NA	< 0.05	71%	50%	140%	105%	60%	130%	109%	50%	140%
Dibromochloromethane	4437130		<0.05	<0.05	NA	< 0.05	103%	50%	140%	119%	60%	130%	105%	50%	140%
Ethylene Dibromide	4437130		<0.04	<0.04	NA	< 0.04	95%	50%	140%	106%	60%	130%	116%	50%	140%
Tetrachloroethylene	4437130		< 0.05	< 0.05	NA	< 0.05	89%	50%	140%	97%	60%	130%	90%	50%	140%
1,1,1,2-Tetrachloroethane	4437130		<0.04	<0.04	NA	< 0.04	104%	50%	140%	106%	60%	130%	98%	50%	140%
Chlorobenzene	4437130		<0.05	<0.05	NA	< 0.05	85%	50%	140%	109%	60%	130%	112%	50%	140%
Ethylbenzene	4437130		<0.05	<0.05	NA	< 0.05	113%	50%	140%	116%	60%	130%	110%	50%	140%
m & p-Xylene	4437130		<0.05	<0.05	NA	< 0.05	118%	50%	140%	95%	60%	130%	109%	50%	140%
Bromoform	4437130		<0.05	<0.05	NA	< 0.05	104%	50%	140%	92%	60%	130%	82%	50%	140%
Styrene	4437130		<0.05	<0.05	NA	< 0.05	114%	50%	140%	101%	60%	130%	72%	50%	140%
1,1,2,2-Tetrachloroethane	4437130		<0.05	<0.05	NA	< 0.05	105%	50%	140%	116%	60%	130%	101%	50%	140%
o-Xylene	4437130		<0.05	<0.05	NA	< 0.05	79%	50%	140%	89%	60%	130%	110%	50%	140%
1,3-Dichlorobenzene	4437130		<0.05	<0.05	NA	< 0.05	75%	50%	140%	77%	60%	130%	103%	50%	140%
1,4-Dichlorobenzene	4437130		<0.05	<0.05	NA	< 0.05	113%	50%	140%	74%	60%	130%	102%	50%	140%
1,2-Dichlorobenzene	4437130		<0.05	<0.05	NA	< 0.05	84%	50%	140%	110%	60%	130%	89%	50%	140%
n-Hexane	4437130		<0.05	<0.05	NA	< 0.05	109%	50%	140%	116%	60%	130%	108%	50%	140%

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

Certified By: Jinkal Patel

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QC Exceedance

CLIENT NAME: TERRAPEX ENVIRONMENTAL LIMITED

AGAT WORK ORDER: 22T961549

PROJECT: CT3639.00

ATTENTION TO: Mike Deans

RPT Date: Oct 31, 2022

PARAMETER	Sample Id	REFERENCE MATERIAL			METHOD BLANK SPIKE			MATRIX SPIKE		
		Measured Value	Acceptable Limits		Recovery	Acceptable Limits		Recovery	Acceptable Limits	
			Lower	Upper		Lower	Upper		Lower	Upper
O. Reg. 153(511) - Metals & Inorganics (Soil)										
Thallium		136%	70%	130%	106%	80%	120%	104%	70%	130%

Comments: NA signifies Not Applicable.
pH duplicates QA acceptance criteria was met relative as stated in Table 5-15 of Analytical Protocol document.
Duplicate NA: results are under 5X the RDL and will not be calculated.
For a multi-element scan for lab control standards and matrix spikes, up to 10% of analytes may exceed the quoted limits by up to 10% absolute and it is considered acceptable.

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Time Markers

AGAT WORK ORDER: 22T961549
PROJECT: CT3639.00

CLIENT NAME: TERRAPEX ENVIRONMENTAL LIMITED

ATTENTION TO: Mike Deans

Sample ID	Sample Description	Sample Type	Date Sampled	Date Received
4455212	MW 101-2	Soil	24-OCT-2022	25-OCT-2022

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

Parameter	Date Prepared	Date Analyzed	Initials
Antimony	28-OCT-2022	28-OCT-2022	SE
Arsenic	28-OCT-2022	28-OCT-2022	SE
Barium	28-OCT-2022	28-OCT-2022	SE
Beryllium	28-OCT-2022	28-OCT-2022	SE
Boron	28-OCT-2022	28-OCT-2022	SE
Boron (Hot Water Soluble)	28-OCT-2022	28-OCT-2022	ZK
Cadmium	28-OCT-2022	28-OCT-2022	SE
Chromium	28-OCT-2022	28-OCT-2022	SE
Cobalt	28-OCT-2022	28-OCT-2022	SE
Copper	28-OCT-2022	28-OCT-2022	SE
Lead	28-OCT-2022	28-OCT-2022	SE
Molybdenum	28-OCT-2022	28-OCT-2022	SE
Nickel	28-OCT-2022	28-OCT-2022	SE
Selenium	28-OCT-2022	28-OCT-2022	SE
Silver	28-OCT-2022	28-OCT-2022	SE
Thallium	28-OCT-2022	28-OCT-2022	SE
Uranium	28-OCT-2022	28-OCT-2022	SE
Vanadium	28-OCT-2022	28-OCT-2022	SE
Zinc	28-OCT-2022	28-OCT-2022	SE
Chromium, Hexavalent	28-OCT-2022	28-OCT-2022	DG
Cyanide, WAD	28-OCT-2022	28-OCT-2022	BG
Mercury	28-OCT-2022	28-OCT-2022	SE
Electrical Conductivity (2:1)	28-OCT-2022	28-OCT-2022	VD
Sodium Adsorption Ratio (2:1) (Calc.)	28-OCT-2022	28-OCT-2022	AA
pH, 2:1 CaCl2 Extraction	28-OCT-2022	28-OCT-2022	SR

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

Parameter	Date Prepared	Date Analyzed	Initials
Naphthalene	28-OCT-2022	28-OCT-2022	SB
Acenaphthylene	28-OCT-2022	28-OCT-2022	SB
Acenaphthene	28-OCT-2022	28-OCT-2022	SB
Fluorene	28-OCT-2022	28-OCT-2022	SB
Phenanthrene	28-OCT-2022	28-OCT-2022	SB
Anthracene	28-OCT-2022	28-OCT-2022	SB
Fluoranthene	28-OCT-2022	28-OCT-2022	SB
Pyrene	28-OCT-2022	28-OCT-2022	SB
Benz(a)anthracene	28-OCT-2022	28-OCT-2022	SB
Chrysene	28-OCT-2022	28-OCT-2022	SB
Benzo(b)fluoranthene	28-OCT-2022	28-OCT-2022	SB

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CLIENT NAME: TERRAPEX ENVIRONMENTAL LIMITED

ATTENTION TO: Mike Deans

Sample ID	Sample Description	Sample Type	Date Sampled	Date Received
4455212	MW 101-2	Soil	24-OCT-2022	25-OCT-2022

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

Parameter	Date Prepared	Date Analyzed	Initials
Benzo(k)fluoranthene	28-OCT-2022	28-OCT-2022	SB
Benzo(a)pyrene	28-OCT-2022	28-OCT-2022	SB
Indeno(1,2,3-cd)pyrene	28-OCT-2022	28-OCT-2022	SB
Dibenz(a,h)anthracene	28-OCT-2022	28-OCT-2022	SB
Benzo(g,h,i)perylene	28-OCT-2022	28-OCT-2022	SB
1 and 2 Methlynaphthalene	28-OCT-2022	28-OCT-2022	SYS
Naphthalene-d8	28-OCT-2022	28-OCT-2022	SB
Acridine-d9	28-OCT-2022	28-OCT-2022	SB
Terphenyl-d14	28-OCT-2022	28-OCT-2022	SB
Moisture Content	28-OCT-2022	28-OCT-2022	DM

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

Parameter	Date Prepared	Date Analyzed	Initials
Benzene	27-OCT-2022	27-OCT-2022	CK
Toluene	27-OCT-2022	27-OCT-2022	CK
Ethylbenzene	27-OCT-2022	27-OCT-2022	CK
m & p-Xylene	27-OCT-2022	27-OCT-2022	CK
o-Xylene	27-OCT-2022	27-OCT-2022	CK
Xylenes (Total)	27-OCT-2022	27-OCT-2022	SYS
F1 (C6 - C10)	27-OCT-2022	27-OCT-2022	CK
F1 (C6 to C10) minus BTEX	27-OCT-2022	27-OCT-2022	SYS
Toluene-d8	27-OCT-2022	27-OCT-2022	CK
F2 (C10 to C16)	28-OCT-2022	28-OCT-2022	CA
F2 (C10 to C16) minus Naphthalene	28-OCT-2022	28-OCT-2022	SYS
F3 (C16 to C34)	28-OCT-2022	28-OCT-2022	CA
F3 (C16 to C34) minus PAHs	28-OCT-2022	28-OCT-2022	SYS
F4 (C34 to C50)	28-OCT-2022	28-OCT-2022	CA
Gravimetric Heavy Hydrocarbons			
Moisture Content	28-OCT-2022	28-OCT-2022	DM
Terphenyl	28-OCT-2022	28-OCT-2022	CA

Sample ID	Sample Description	Sample Type	Date Sampled	Date Received
4455213	MW 101-5	Soil	24-OCT-2022	25-OCT-2022

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

Parameter	Date Prepared	Date Analyzed	Initials
Antimony	28-OCT-2022	28-OCT-2022	SE
Arsenic	28-OCT-2022	28-OCT-2022	SE
Barium	28-OCT-2022	28-OCT-2022	SE
Beryllium	28-OCT-2022	28-OCT-2022	SE

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CLIENT NAME: TERRAPEX ENVIRONMENTAL LIMITED

ATTENTION TO: Mike Deans

Sample ID	Sample Description	Sample Type	Date Sampled	Date Received
4455213	MW 101-5	Soil	24-OCT-2022	25-OCT-2022

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

Parameter	Date Prepared	Date Analyzed	Initials
Boron	28-OCT-2022	28-OCT-2022	SE
Boron (Hot Water Soluble)	28-OCT-2022	28-OCT-2022	ZK
Cadmium	28-OCT-2022	28-OCT-2022	SE
Chromium	28-OCT-2022	28-OCT-2022	SE
Cobalt	28-OCT-2022	28-OCT-2022	SE
Copper	28-OCT-2022	28-OCT-2022	SE
Lead	28-OCT-2022	28-OCT-2022	SE
Molybdenum	28-OCT-2022	28-OCT-2022	SE
Nickel	28-OCT-2022	28-OCT-2022	SE
Selenium	28-OCT-2022	28-OCT-2022	SE
Silver	28-OCT-2022	28-OCT-2022	SE
Thallium	28-OCT-2022	28-OCT-2022	SE
Uranium	28-OCT-2022	28-OCT-2022	SE
Vanadium	28-OCT-2022	28-OCT-2022	SE
Zinc	28-OCT-2022	28-OCT-2022	SE
Chromium, Hexavalent	28-OCT-2022	28-OCT-2022	DG
Cyanide, WAD	28-OCT-2022	28-OCT-2022	BG
Mercury	28-OCT-2022	28-OCT-2022	SE
Electrical Conductivity (2:1)	28-OCT-2022	28-OCT-2022	VD
Sodium Adsorption Ratio (2:1) (Calc.)	28-OCT-2022	28-OCT-2022	AA
pH, 2:1 CaCl2 Extraction	28-OCT-2022	28-OCT-2022	SR

Sample ID	Sample Description	Sample Type	Date Sampled	Date Received
4455214	MW 101-6	Soil	24-OCT-2022	25-OCT-2022

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

Parameter	Date Prepared	Date Analyzed	Initials
Naphthalene	28-OCT-2022	28-OCT-2022	SB
Acenaphthylene	28-OCT-2022	28-OCT-2022	SB
Acenaphthene	28-OCT-2022	28-OCT-2022	SB
Fluorene	28-OCT-2022	28-OCT-2022	SB
Phenanthrene	28-OCT-2022	28-OCT-2022	SB
Anthracene	28-OCT-2022	28-OCT-2022	SB
Fluoranthene	28-OCT-2022	28-OCT-2022	SB
Pyrene	28-OCT-2022	28-OCT-2022	SB
Benz(a)anthracene	28-OCT-2022	28-OCT-2022	SB
Chrysene	28-OCT-2022	28-OCT-2022	SB
Benzo(b)fluoranthene	28-OCT-2022	28-OCT-2022	SB
Benzo(k)fluoranthene	28-OCT-2022	28-OCT-2022	SB
Benzo(a)pyrene	28-OCT-2022	28-OCT-2022	SB

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CLIENT NAME: TERRAPEX ENVIRONMENTAL LIMITED

ATTENTION TO: Mike Deans

Sample ID	Sample Description	Sample Type	Date Sampled	Date Received
4455214	MW 101-6	Soil	24-OCT-2022	25-OCT-2022

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

Parameter	Date Prepared	Date Analyzed	Initials
Indeno(1,2,3-cd)pyrene	28-OCT-2022	28-OCT-2022	SB
Dibenz(a,h)anthracene	28-OCT-2022	28-OCT-2022	SB
Benzo(g,h,i)perylene	28-OCT-2022	28-OCT-2022	SB
1 and 2 Methlynaphthalene	28-OCT-2022	28-OCT-2022	SYS
Naphthalene-d8	28-OCT-2022	28-OCT-2022	SB
Acridine-d9	28-OCT-2022	28-OCT-2022	SB
Terphenyl-d14	28-OCT-2022	28-OCT-2022	SB
Moisture Content	28-OCT-2022	28-OCT-2022	DM

Sample ID	Sample Description	Sample Type	Date Sampled	Date Received
4455215	MW 101-7	Soil	24-OCT-2022	25-OCT-2022

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

Parameter	Date Prepared	Date Analyzed	Initials
F1 (C6 - C10)	28-OCT-2022	28-OCT-2022	TS
F1 (C6 to C10) minus BTEX	28-OCT-2022	28-OCT-2022	SYS
Toluene-d8	28-OCT-2022	28-OCT-2022	TS
F2 (C10 to C16)	28-OCT-2022	28-OCT-2022	CA
F3 (C16 to C34)	28-OCT-2022	28-OCT-2022	CA
F4 (C34 to C50)	28-OCT-2022	28-OCT-2022	CA
Gravimetric Heavy Hydrocarbons			
Moisture Content	28-OCT-2022	28-OCT-2022	DM
Terphenyl	28-OCT-2022	28-OCT-2022	CA

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

Parameter	Date Prepared	Date Analyzed	Initials
Dichlorodifluoromethane	28-OCT-2022	28-OCT-2022	TS
Vinyl Chloride	28-OCT-2022	28-OCT-2022	TS
Bromomethane	28-OCT-2022	28-OCT-2022	TS
Trichlorofluoromethane	28-OCT-2022	28-OCT-2022	TS
Acetone	28-OCT-2022	28-OCT-2022	TS
1,1-Dichloroethylene			TS
Methylene Chloride	28-OCT-2022	28-OCT-2022	TS
Trans- 1,2-Dichloroethylene	28-OCT-2022	28-OCT-2022	TS
Methyl tert-butyl Ether	28-OCT-2022	28-OCT-2022	TS
1,1-Dichloroethane	28-OCT-2022	28-OCT-2022	TS
Methyl Ethyl Ketone	28-OCT-2022	28-OCT-2022	TS
Cis- 1,2-Dichloroethylene	28-OCT-2022	28-OCT-2022	TS
Chloroform	28-OCT-2022	28-OCT-2022	TS
1,2-Dichloroethane	28-OCT-2022	28-OCT-2022	TS

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CLIENT NAME: TERRAPEX ENVIRONMENTAL LIMITED

ATTENTION TO: Mike Deans

Sample ID	Sample Description	Sample Type	Date Sampled	Date Received
4455215	MW 101-7	Soil	24-OCT-2022	25-OCT-2022

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

Parameter	Date Prepared	Date Analyzed	Initials
1,1,1-Trichloroethane	28-OCT-2022	28-OCT-2022	TS
Carbon Tetrachloride	28-OCT-2022	28-OCT-2022	TS
Benzene	28-OCT-2022	28-OCT-2022	TS
1,2-Dichloropropane	28-OCT-2022	28-OCT-2022	TS
Trichloroethylene	28-OCT-2022	28-OCT-2022	TS
Bromodichloromethane	28-OCT-2022	28-OCT-2022	TS
Methyl Isobutyl Ketone	28-OCT-2022	28-OCT-2022	TS
1,1,2-Trichloroethane	28-OCT-2022	28-OCT-2022	TS
Toluene	28-OCT-2022	28-OCT-2022	TS
Dibromochloromethane	28-OCT-2022	28-OCT-2022	TS
Ethylene Dibromide	28-OCT-2022	28-OCT-2022	TS
Tetrachloroethylene	28-OCT-2022	28-OCT-2022	TS
1,1,1,2-Tetrachloroethane	28-OCT-2022	28-OCT-2022	TS
Chlorobenzene	28-OCT-2022	28-OCT-2022	TS
Ethylbenzene	28-OCT-2022	28-OCT-2022	TS
m & p-Xylene	28-OCT-2022	28-OCT-2022	TS
Bromoform	28-OCT-2022	28-OCT-2022	TS
Styrene	28-OCT-2022	28-OCT-2022	TS
1,1,2,2-Tetrachloroethane	28-OCT-2022	28-OCT-2022	TS
o-Xylene	28-OCT-2022	28-OCT-2022	TS
1,3-Dichlorobenzene	28-OCT-2022	28-OCT-2022	TS
1,4-Dichlorobenzene	28-OCT-2022	28-OCT-2022	TS
1,2-Dichlorobenzene	28-OCT-2022	28-OCT-2022	TS
Xylenes (Total)	28-OCT-2022	28-OCT-2022	SYS
1,3-Dichloropropene (Cis + Trans)	28-OCT-2022	28-OCT-2022	SYS
n-Hexane	28-OCT-2022	28-OCT-2022	TS
Toluene-d8	28-OCT-2022	28-OCT-2022	TS
4-Bromofluorobenzene	28-OCT-2022	28-OCT-2022	TS
Moisture Content	28-OCT-2022	28-OCT-2022	DM

Sample ID	Sample Description	Sample Type	Date Sampled	Date Received
4455217	BH 102-2	Soil	21-OCT-2022	25-OCT-2022

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

Parameter	Date Prepared	Date Analyzed	Initials
Antimony	28-OCT-2022	28-OCT-2022	SE
Arsenic	28-OCT-2022	28-OCT-2022	SE
Barium	28-OCT-2022	28-OCT-2022	SE
Beryllium	28-OCT-2022	28-OCT-2022	SE
Boron	28-OCT-2022	28-OCT-2022	SE

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AGAT WORK ORDER: 22T961549
PROJECT: CT3639.00

CLIENT NAME: TERRAPEX ENVIRONMENTAL LIMITED

ATTENTION TO: Mike Deans

Sample ID	Sample Description	Sample Type	Date Sampled	Date Received
4455217	BH 102-2	Soil	21-OCT-2022	25-OCT-2022

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

Parameter	Date Prepared	Date Analyzed	Initials
Boron (Hot Water Soluble)	28-OCT-2022	28-OCT-2022	ZK
Cadmium	28-OCT-2022	28-OCT-2022	SE
Chromium	28-OCT-2022	28-OCT-2022	SE
Cobalt	28-OCT-2022	28-OCT-2022	SE
Copper	28-OCT-2022	28-OCT-2022	SE
Lead	28-OCT-2022	28-OCT-2022	SE
Molybdenum	28-OCT-2022	28-OCT-2022	SE
Nickel	28-OCT-2022	28-OCT-2022	SE
Selenium	28-OCT-2022	28-OCT-2022	SE
Silver	28-OCT-2022	28-OCT-2022	SE
Thallium	28-OCT-2022	28-OCT-2022	SE
Uranium	28-OCT-2022	28-OCT-2022	SE
Vanadium	28-OCT-2022	28-OCT-2022	SE
Zinc	28-OCT-2022	28-OCT-2022	SE
Chromium, Hexavalent	28-OCT-2022	28-OCT-2022	DG
Cyanide, WAD	28-OCT-2022	28-OCT-2022	BG
Mercury	28-OCT-2022	28-OCT-2022	SE
Electrical Conductivity (2:1)	28-OCT-2022	28-OCT-2022	VD
Sodium Adsorption Ratio (2:1) (Calc.)	28-OCT-2022	28-OCT-2022	AA
pH, 2:1 CaCl2 Extraction	28-OCT-2022	28-OCT-2022	SR

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

Parameter	Date Prepared	Date Analyzed	Initials
Naphthalene	28-OCT-2022	28-OCT-2022	SB
Acenaphthylene	28-OCT-2022	28-OCT-2022	SB
Acenaphthene	28-OCT-2022	28-OCT-2022	SB
Fluorene	28-OCT-2022	28-OCT-2022	SB
Phenanthrene	28-OCT-2022	28-OCT-2022	SB
Anthracene	28-OCT-2022	28-OCT-2022	SB
Fluoranthene	28-OCT-2022	28-OCT-2022	SB
Pyrene	28-OCT-2022	28-OCT-2022	SB
Benz(a)anthracene	28-OCT-2022	28-OCT-2022	SB
Chrysene	28-OCT-2022	28-OCT-2022	SB
Benzo(b)fluoranthene	28-OCT-2022	28-OCT-2022	SB
Benzo(k)fluoranthene	28-OCT-2022	28-OCT-2022	SB
Benzo(a)pyrene	28-OCT-2022	28-OCT-2022	SB
Indeno(1,2,3-cd)pyrene	28-OCT-2022	28-OCT-2022	SB
Dibenz(a,h)anthracene	28-OCT-2022	28-OCT-2022	SB
Benzo(g,h,i)perylene	28-OCT-2022	28-OCT-2022	SB

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CLIENT NAME: TERRAPEX ENVIRONMENTAL LIMITED

ATTENTION TO: Mike Deans

Sample ID	Sample Description	Sample Type	Date Sampled	Date Received
4455217	BH 102-2	Soil	21-OCT-2022	25-OCT-2022

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

Parameter	Date Prepared	Date Analyzed	Initials
1 and 2 Methlynaphthalene	28-OCT-2022	28-OCT-2022	SYS
Naphthalene-d8	28-OCT-2022	28-OCT-2022	SB
Acridine-d9	28-OCT-2022	28-OCT-2022	SB
Terphenyl-d14	28-OCT-2022	28-OCT-2022	SB
Moisture Content	28-OCT-2022	28-OCT-2022	DM

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

Parameter	Date Prepared	Date Analyzed	Initials
F1 (C6 - C10)	28-OCT-2022	28-OCT-2022	TS
F1 (C6 to C10) minus BTEX	28-OCT-2022	28-OCT-2022	SYS
Toluene-d8	28-OCT-2022	28-OCT-2022	TS
F2 (C10 to C16)	28-OCT-2022	28-OCT-2022	CA
F2 (C10 to C16) minus Naphthalene	28-OCT-2022	28-OCT-2022	SYS
F3 (C16 to C34)	28-OCT-2022	28-OCT-2022	CA
F3 (C16 to C34) minus PAHs	28-OCT-2022	28-OCT-2022	SYS
F4 (C34 to C50)	28-OCT-2022	28-OCT-2022	CA
Gravimetric Heavy Hydrocarbons			
Moisture Content	28-OCT-2022	28-OCT-2022	DM
Terphenyl	28-OCT-2022	28-OCT-2022	CA

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

Parameter	Date Prepared	Date Analyzed	Initials
Dichlorodifluoromethane	28-OCT-2022	28-OCT-2022	TS
Vinyl Chloride	28-OCT-2022	28-OCT-2022	TS
Bromomethane	28-OCT-2022	28-OCT-2022	TS
Trichlorofluoromethane	28-OCT-2022	28-OCT-2022	TS
Acetone	28-OCT-2022	28-OCT-2022	TS
1,1-Dichloroethylene	28-OCT-2022	28-OCT-2022	TS
Methylene Chloride	28-OCT-2022	28-OCT-2022	TS
Trans- 1,2-Dichloroethylene	28-OCT-2022	28-OCT-2022	TS
Methyl tert-butyl Ether	28-OCT-2022	28-OCT-2022	TS
1,1-Dichloroethane	28-OCT-2022	28-OCT-2022	TS
Methyl Ethyl Ketone	28-OCT-2022	28-OCT-2022	TS
Cis- 1,2-Dichloroethylene	28-OCT-2022	28-OCT-2022	TS
Chloroform	28-OCT-2022	28-OCT-2022	TS
1,2-Dichloroethane	28-OCT-2022	28-OCT-2022	TS
1,1,1-Trichloroethane	28-OCT-2022	28-OCT-2022	TS
Carbon Tetrachloride	28-OCT-2022	28-OCT-2022	TS
Benzene	28-OCT-2022	28-OCT-2022	TS

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CLIENT NAME: TERRAPEX ENVIRONMENTAL LIMITED

ATTENTION TO: Mike Deans

Sample ID	Sample Description	Sample Type	Date Sampled	Date Received
4455217	BH 102-2	Soil	21-OCT-2022	25-OCT-2022

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

Parameter	Date Prepared	Date Analyzed	Initials
1,2-Dichloropropane	28-OCT-2022	28-OCT-2022	TS
Trichloroethylene	28-OCT-2022	28-OCT-2022	TS
Bromodichloromethane	28-OCT-2022	28-OCT-2022	TS
Methyl Isobutyl Ketone	28-OCT-2022	28-OCT-2022	TS
1,1,2-Trichloroethane	28-OCT-2022	28-OCT-2022	TS
Toluene	28-OCT-2022	28-OCT-2022	TS
Dibromochloromethane	28-OCT-2022	28-OCT-2022	TS
Ethylene Dibromide	28-OCT-2022	28-OCT-2022	TS
Tetrachloroethylene	28-OCT-2022	28-OCT-2022	TS
1,1,1,2-Tetrachloroethane	28-OCT-2022	28-OCT-2022	TS
Chlorobenzene	28-OCT-2022	28-OCT-2022	TS
Ethylbenzene	28-OCT-2022	28-OCT-2022	TS
m & p-Xylene	28-OCT-2022	28-OCT-2022	TS
Bromoform	28-OCT-2022	28-OCT-2022	TS
Styrene	28-OCT-2022	28-OCT-2022	TS
1,1,2,2-Tetrachloroethane	28-OCT-2022	28-OCT-2022	TS
o-Xylene	28-OCT-2022	28-OCT-2022	TS
1,3-Dichlorobenzene	28-OCT-2022	28-OCT-2022	TS
1,4-Dichlorobenzene	28-OCT-2022	28-OCT-2022	TS
1,2-Dichlorobenzene	28-OCT-2022	28-OCT-2022	TS
Xylenes (Total)	28-OCT-2022	28-OCT-2022	SYS
1,3-Dichloropropene (Cis + Trans)	28-OCT-2022	28-OCT-2022	SYS
n-Hexane	28-OCT-2022	28-OCT-2022	TS
Toluene-d8	28-OCT-2022	28-OCT-2022	TS
4-Bromofluorobenzene	28-OCT-2022	28-OCT-2022	TS
Moisture Content	28-OCT-2022	28-OCT-2022	DM

Sample ID	Sample Description	Sample Type	Date Sampled	Date Received
4455219	BH 102-3	Soil	21-OCT-2022	25-OCT-2022

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

Parameter	Date Prepared	Date Analyzed	Initials
F1 (C6 - C10)	28-OCT-2022	28-OCT-2022	TS
F1 (C6 to C10) minus BTEX	28-OCT-2022	28-OCT-2022	SYS
Toluene-d8	28-OCT-2022	28-OCT-2022	TS
F2 (C10 to C16)	28-OCT-2022	28-OCT-2022	CA
F3 (C16 to C34)	28-OCT-2022	28-OCT-2022	CA
F4 (C34 to C50)	28-OCT-2022	28-OCT-2022	CA
Gravimetric Heavy Hydrocarbons			
Moisture Content	28-OCT-2022	28-OCT-2022	DM

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CLIENT NAME: TERRAPEX ENVIRONMENTAL LIMITED

ATTENTION TO: Mike Deans

Sample ID	Sample Description	Sample Type	Date Sampled	Date Received
4455219	BH 102-3	Soil	21-OCT-2022	25-OCT-2022

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

Parameter	Date Prepared	Date Analyzed	Initials
Terphenyl	28-OCT-2022	28-OCT-2022	CA

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

Parameter	Date Prepared	Date Analyzed	Initials
Dichlorodifluoromethane	28-OCT-2022	28-OCT-2022	TS
Vinyl Chloride	28-OCT-2022	28-OCT-2022	TS
Bromomethane	28-OCT-2022	28-OCT-2022	TS
Trichlorofluoromethane	28-OCT-2022	28-OCT-2022	TS
Acetone	28-OCT-2022	28-OCT-2022	TS
1,1-Dichloroethylene	28-OCT-2022	28-OCT-2022	TS
Methylene Chloride	28-OCT-2022	28-OCT-2022	TS
Trans- 1,2-Dichloroethylene	28-OCT-2022	28-OCT-2022	TS
Methyl tert-butyl Ether	28-OCT-2022	28-OCT-2022	TS
1,1-Dichloroethane	28-OCT-2022	28-OCT-2022	TS
Methyl Ethyl Ketone	28-OCT-2022	28-OCT-2022	TS
Cis- 1,2-Dichloroethylene	28-OCT-2022	28-OCT-2022	TS
Chloroform	28-OCT-2022	28-OCT-2022	TS
1,2-Dichloroethane	28-OCT-2022	28-OCT-2022	TS
1,1,1-Trichloroethane	28-OCT-2022	28-OCT-2022	TS
Carbon Tetrachloride	28-OCT-2022	28-OCT-2022	TS
Benzene	28-OCT-2022	28-OCT-2022	TS
1,2-Dichloropropane	28-OCT-2022	28-OCT-2022	TS
Trichloroethylene	28-OCT-2022	28-OCT-2022	TS
Bromodichloromethane	28-OCT-2022	28-OCT-2022	TS
Methyl Isobutyl Ketone	28-OCT-2022	28-OCT-2022	TS
1,1,2-Trichloroethane	28-OCT-2022	28-OCT-2022	TS
Toluene	28-OCT-2022	28-OCT-2022	TS
Dibromochloromethane	28-OCT-2022	28-OCT-2022	TS
Ethylene Dibromide	28-OCT-2022	28-OCT-2022	TS
Tetrachloroethylene	28-OCT-2022	28-OCT-2022	TS
1,1,1,2-Tetrachloroethane	28-OCT-2022	28-OCT-2022	TS
Chlorobenzene	28-OCT-2022	28-OCT-2022	TS
Ethylbenzene	28-OCT-2022	28-OCT-2022	TS
m & p-Xylene	28-OCT-2022	28-OCT-2022	TS
Bromoform	28-OCT-2022	28-OCT-2022	TS
Styrene	28-OCT-2022	28-OCT-2022	TS
1,1,2,2-Tetrachloroethane	28-OCT-2022	28-OCT-2022	TS
o-Xylene	28-OCT-2022	28-OCT-2022	TS
1,3-Dichlorobenzene	28-OCT-2022	28-OCT-2022	TS

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AGAT WORK ORDER: 22T961549
PROJECT: CT3639.00

CLIENT NAME: TERRAPEX ENVIRONMENTAL LIMITED

ATTENTION TO: Mike Deans

Sample ID	Sample Description	Sample Type	Date Sampled	Date Received
4455219	BH 102-3	Soil	21-OCT-2022	25-OCT-2022

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

Parameter	Date Prepared	Date Analyzed	Initials
1,4-Dichlorobenzene	28-OCT-2022	28-OCT-2022	TS
1,2-Dichlorobenzene	28-OCT-2022	28-OCT-2022	TS
Xylenes (Total)	28-OCT-2022	28-OCT-2022	SYS
1,3-Dichloropropene (Cis + Trans)	28-OCT-2022	28-OCT-2022	SYS
n-Hexane	28-OCT-2022	28-OCT-2022	TS
Toluene-d8	28-OCT-2022	28-OCT-2022	TS
4-Bromofluorobenzene	28-OCT-2022	28-OCT-2022	TS
Moisture Content	28-OCT-2022	28-OCT-2022	DM

Sample ID	Sample Description	Sample Type	Date Sampled	Date Received
4455220	MW 1000	Soil	21-OCT-2022	25-OCT-2022

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

Parameter	Date Prepared	Date Analyzed	Initials
Naphthalene	28-OCT-2022	28-OCT-2022	SB
Acenaphthylene	28-OCT-2022	28-OCT-2022	SB
Acenaphthene	28-OCT-2022	28-OCT-2022	SB
Fluorene	28-OCT-2022	28-OCT-2022	SB
Phenanthrene	28-OCT-2022	28-OCT-2022	SB
Anthracene	28-OCT-2022	28-OCT-2022	SB
Fluoranthene	28-OCT-2022	28-OCT-2022	SB
Pyrene	28-OCT-2022	28-OCT-2022	SB
Benz(a)anthracene	28-OCT-2022	28-OCT-2022	SB
Chrysene	28-OCT-2022	28-OCT-2022	SB
Benzo(b)fluoranthene	28-OCT-2022	28-OCT-2022	SB
Benzo(k)fluoranthene	28-OCT-2022	28-OCT-2022	SB
Benzo(a)pyrene	28-OCT-2022	28-OCT-2022	SB
Indeno(1,2,3-cd)pyrene	28-OCT-2022	28-OCT-2022	SB
Dibenz(a,h)anthracene	28-OCT-2022	28-OCT-2022	SB
Benzo(g,h,i)perylene	28-OCT-2022	28-OCT-2022	SB
1 and 2 Methlynaphthalene	28-OCT-2022	28-OCT-2022	SYS
Naphthalene-d8	28-OCT-2022	28-OCT-2022	SB
Acridine-d9	28-OCT-2022	28-OCT-2022	SB
Terphenyl-d14	28-OCT-2022	28-OCT-2022	SB
Moisture Content	28-OCT-2022	28-OCT-2022	DM

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

Parameter	Date Prepared	Date Analyzed	Initials
F1 (C6 - C10)	28-OCT-2022	28-OCT-2022	TS
F1 (C6 to C10) minus BTEX	28-OCT-2022	28-OCT-2022	SYS

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CLIENT NAME: TERRAPEX ENVIRONMENTAL LIMITED

ATTENTION TO: Mike Deans

Sample ID	Sample Description	Sample Type	Date Sampled	Date Received
4455220	MW 1000	Soil	21-OCT-2022	25-OCT-2022

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

Parameter	Date Prepared	Date Analyzed	Initials
Toluene-d8	28-OCT-2022	28-OCT-2022	TS
F2 (C10 to C16)	28-OCT-2022	28-OCT-2022	CA
F2 (C10 to C16) minus Naphthalene	28-OCT-2022	28-OCT-2022	SYS
F3 (C16 to C34)	28-OCT-2022	28-OCT-2022	CA
F3 (C16 to C34) minus PAHs	28-OCT-2022	28-OCT-2022	SYS
F4 (C34 to C50)	28-OCT-2022	28-OCT-2022	CA
Gravimetric Heavy Hydrocarbons			
Moisture Content	28-OCT-2022	28-OCT-2022	DM
Terphenyl	28-OCT-2022	28-OCT-2022	CA

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

Parameter	Date Prepared	Date Analyzed	Initials
Dichlorodifluoromethane	28-OCT-2022	28-OCT-2022	TS
Vinyl Chloride	28-OCT-2022	28-OCT-2022	TS
Bromomethane	28-OCT-2022	28-OCT-2022	TS
Trichlorofluoromethane	28-OCT-2022	28-OCT-2022	TS
Acetone	28-OCT-2022	28-OCT-2022	TS
1,1-Dichloroethylene	28-OCT-2022	28-OCT-2022	TS
Methylene Chloride	28-OCT-2022	28-OCT-2022	TS
Trans- 1,2-Dichloroethylene	28-OCT-2022	28-OCT-2022	TS
Methyl tert-butyl Ether	28-OCT-2022	28-OCT-2022	TS
1,1-Dichloroethane	28-OCT-2022	28-OCT-2022	TS
Methyl Ethyl Ketone	28-OCT-2022	28-OCT-2022	TS
Cis- 1,2-Dichloroethylene	28-OCT-2022	28-OCT-2022	TS
Chloroform	28-OCT-2022	28-OCT-2022	TS
1,2-Dichloroethane	28-OCT-2022	28-OCT-2022	TS
1,1,1-Trichloroethane	28-OCT-2022	28-OCT-2022	TS
Carbon Tetrachloride	28-OCT-2022	28-OCT-2022	TS
Benzene	28-OCT-2022	28-OCT-2022	TS
1,2-Dichloropropane	28-OCT-2022	28-OCT-2022	TS
Trichloroethylene	28-OCT-2022	28-OCT-2022	TS
Bromodichloromethane	28-OCT-2022	28-OCT-2022	TS
Methyl Isobutyl Ketone	28-OCT-2022	28-OCT-2022	TS
1,1,2-Trichloroethane	28-OCT-2022	28-OCT-2022	TS
Toluene	28-OCT-2022	28-OCT-2022	TS
Dibromochloromethane	28-OCT-2022	28-OCT-2022	TS
Ethylene Dibromide	28-OCT-2022	28-OCT-2022	TS
Tetrachloroethylene	28-OCT-2022	28-OCT-2022	TS
1,1,1,2-Tetrachloroethane	28-OCT-2022	28-OCT-2022	TS

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CLIENT NAME: TERRAPEX ENVIRONMENTAL LIMITED

ATTENTION TO: Mike Deans

Sample ID	Sample Description	Sample Type	Date Sampled	Date Received
4455220	MW 1000	Soil	21-OCT-2022	25-OCT-2022

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

Parameter	Date Prepared	Date Analyzed	Initials
Chlorobenzene	28-OCT-2022	28-OCT-2022	TS
Ethylbenzene	28-OCT-2022	28-OCT-2022	TS
m & p-Xylene	28-OCT-2022	28-OCT-2022	TS
Bromoform	28-OCT-2022	28-OCT-2022	TS
Styrene	28-OCT-2022	28-OCT-2022	TS
1,1,2,2-Tetrachloroethane	28-OCT-2022	28-OCT-2022	TS
o-Xylene	28-OCT-2022	28-OCT-2022	TS
1,3-Dichlorobenzene	28-OCT-2022	28-OCT-2022	TS
1,4-Dichlorobenzene	28-OCT-2022	28-OCT-2022	TS
1,2-Dichlorobenzene	28-OCT-2022	28-OCT-2022	TS
Xylenes (Total)	28-OCT-2022	28-OCT-2022	SYS
1,3-Dichloropropene (Cis + Trans)	28-OCT-2022	28-OCT-2022	SYS
n-Hexane	28-OCT-2022	28-OCT-2022	TS
Toluene-d8	28-OCT-2022	28-OCT-2022	TS
4-Bromofluorobenzene	28-OCT-2022	28-OCT-2022	TS
Moisture Content	28-OCT-2022	28-OCT-2022	DM

Sample ID	Sample Description	Sample Type	Date Sampled	Date Received
4455223	MW 2000	Soil	24-OCT-2022	25-OCT-2022

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

Parameter	Date Prepared	Date Analyzed	Initials
Antimony	28-OCT-2022	28-OCT-2022	SE
Arsenic	28-OCT-2022	28-OCT-2022	SE
Barium	28-OCT-2022	28-OCT-2022	SE
Beryllium	28-OCT-2022	28-OCT-2022	SE
Boron	28-OCT-2022	28-OCT-2022	SE
Boron (Hot Water Soluble)	28-OCT-2022	28-OCT-2022	ZK
Cadmium	28-OCT-2022	28-OCT-2022	SE
Chromium	28-OCT-2022	28-OCT-2022	SE
Cobalt	28-OCT-2022	28-OCT-2022	SE
Copper	28-OCT-2022	28-OCT-2022	SE
Lead	28-OCT-2022	28-OCT-2022	SE
Molybdenum	28-OCT-2022	28-OCT-2022	SE
Nickel	28-OCT-2022	28-OCT-2022	SE
Selenium	28-OCT-2022	28-OCT-2022	SE
Silver	28-OCT-2022	28-OCT-2022	SE
Thallium	28-OCT-2022	28-OCT-2022	SE
Uranium	28-OCT-2022	28-OCT-2022	SE
Vanadium	28-OCT-2022	28-OCT-2022	SE

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CLIENT NAME: TERRAPEX ENVIRONMENTAL LIMITED

ATTENTION TO: Mike Deans

Sample ID	Sample Description	Sample Type	Date Sampled	Date Received
4455223	MW 2000	Soil	24-OCT-2022	25-OCT-2022

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

Parameter	Date Prepared	Date Analyzed	Initials
Zinc	28-OCT-2022	28-OCT-2022	SE
Chromium, Hexavalent	28-OCT-2022	28-OCT-2022	DG
Cyanide, WAD	28-OCT-2022	28-OCT-2022	BG
Mercury	28-OCT-2022	28-OCT-2022	SE
Electrical Conductivity (2:1)	28-OCT-2022	28-OCT-2022	VD
Sodium Adsorption Ratio (2:1) (Calc.)	28-OCT-2022	28-OCT-2022	AA
pH, 2:1 CaCl2 Extraction	28-OCT-2022	28-OCT-2022	SR

Sample ID	Sample Description	Sample Type	Date Sampled	Date Received
4455224	MW 100	MeOH	21-OCT-2022	25-OCT-2022

O. Reg. 153(511) - PHCs F1/BTEX (MEOH)

Parameter	Date Prepared	Date Analyzed	Initials
Benzene	27-OCT-2022	27-OCT-2022	CK
Toluene	27-OCT-2022	27-OCT-2022	CK
Ethylbenzene	27-OCT-2022	27-OCT-2022	CK
m & p-Xylene	27-OCT-2022	27-OCT-2022	CK
o-Xylene	27-OCT-2022	27-OCT-2022	CK
Xylenes (Total)	27-OCT-2022	27-OCT-2022	SYS
F1 (C6 - C10)	27-OCT-2022	27-OCT-2022	CK
F1 (C6 to C10) minus BTEX	27-OCT-2022	27-OCT-2022	SYS
Toluene-d8	27-OCT-2022	27-OCT-2022	CK

O. Reg. 153(511) - VOCs (MEOH)

Parameter	Date Prepared	Date Analyzed	Initials
Dichlorodifluoromethane	28-OCT-2022	28-OCT-2022	TS
Vinyl Chloride	28-OCT-2022	28-OCT-2022	TS
Bromomethane	28-OCT-2022	28-OCT-2022	TS
Trichlorofluoromethane	28-OCT-2022	28-OCT-2022	TS
Acetone	28-OCT-2022	28-OCT-2022	TS
1,1-Dichloroethylene	28-OCT-2022	28-OCT-2022	TS
Methylene Chloride	28-OCT-2022	28-OCT-2022	TS
Trans- 1,2-Dichloroethylene	28-OCT-2022	28-OCT-2022	TS
Methyl tert-butyl Ether	28-OCT-2022	28-OCT-2022	TS
1,1-Dichloroethane	28-OCT-2022	28-OCT-2022	TS
Methyl Ethyl Ketone	28-OCT-2022	28-OCT-2022	TS
Cis- 1,2-Dichloroethylene	28-OCT-2022	28-OCT-2022	TS
Chloroform	28-OCT-2022	28-OCT-2022	TS
1,2-Dichloroethane	28-OCT-2022	28-OCT-2022	TS
1,1,1-Trichloroethane	28-OCT-2022	28-OCT-2022	TS

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Time Markers

AGAT WORK ORDER: 22T961549
PROJECT: CT3639.00

CLIENT NAME: TERRAPEX ENVIRONMENTAL LIMITED

ATTENTION TO: Mike Deans

Sample ID	Sample Description	Sample Type	Date Sampled	Date Received
4455224	MW 100	MeOH	21-OCT-2022	25-OCT-2022

O. Reg. 153(511) - VOCs (MEOH)

Parameter	Date Prepared	Date Analyzed	Initials
Carbon Tetrachloride	28-OCT-2022	28-OCT-2022	TS
Benzene	28-OCT-2022	28-OCT-2022	TS
1,2-Dichloropropane	28-OCT-2022	28-OCT-2022	TS
Trichloroethylene	28-OCT-2022	28-OCT-2022	TS
Bromodichloromethane	28-OCT-2022	28-OCT-2022	TS
Methyl Isobutyl Ketone	28-OCT-2022	28-OCT-2022	TS
1,1,2-Trichloroethane	28-OCT-2022	28-OCT-2022	TS
Toluene	28-OCT-2022	28-OCT-2022	TS
Dibromochloromethane	28-OCT-2022	28-OCT-2022	TS
Ethylene Dibromide	28-OCT-2022	28-OCT-2022	TS
Tetrachloroethylene	28-OCT-2022	28-OCT-2022	TS
1,1,1,2-Tetrachloroethane	28-OCT-2022	28-OCT-2022	TS
Chlorobenzene	28-OCT-2022	28-OCT-2022	TS
Ethylbenzene	28-OCT-2022	28-OCT-2022	TS
m & p-Xylene	28-OCT-2022	28-OCT-2022	TS
Bromoform	28-OCT-2022	28-OCT-2022	TS
Styrene	28-OCT-2022	28-OCT-2022	TS
1,1,2,2-Tetrachloroethane	28-OCT-2022	28-OCT-2022	TS
o-Xylene	28-OCT-2022	28-OCT-2022	TS
1,3-Dichlorobenzene	28-OCT-2022	28-OCT-2022	TS
1,4-Dichlorobenzene	28-OCT-2022	28-OCT-2022	TS
1,2-Dichlorobenzene	28-OCT-2022	28-OCT-2022	TS
Xylenes (Total)	28-OCT-2022	28-OCT-2022	SYS
1,3-Dichloropropene (Cis + Trans)	28-OCT-2022	28-OCT-2022	SYS
n-Hexane	28-OCT-2022	28-OCT-2022	TS
Toluene-d8	28-OCT-2022	28-OCT-2022	TS
4-Bromofluorobenzene	28-OCT-2022	28-OCT-2022	TS

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Method Summary

CLIENT NAME: TERRAPEX ENVIRONMENTAL LIMITED

AGAT WORK ORDER: 22T961549

PROJECT: CT3639.00

ATTENTION TO: Mike Deans

SAMPLING SITE:2636 Eglinton Ave W

SAMPLED BY:EL

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

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Method Summary

CLIENT NAME: TERRAPEX ENVIRONMENTAL LIMITED

AGAT WORK ORDER: 22T961549

PROJECT: CT3639.00

ATTENTION TO: Mike Deans

SAMPLING SITE:2636 Eglinton Ave W

SAMPLED BY:EL

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

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Method Summary

CLIENT NAME: TERRAPEX ENVIRONMENTAL LIMITED

AGAT WORK ORDER: 22T961549

PROJECT: CT3639.00

ATTENTION TO: Mike Deans

SAMPLING SITE:2636 Eglinton Ave W

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PARAMETER	AGAT S.O.P	LITERATURE REFERENCE	ANALYTICAL TECHNIQUE
Ethylbenzene	VOL-91-5009	modified from CCME Tier 1 Method	(P&T)GC/MS
m & p-Xylene	VOL-91-5009	modified from CCME Tier 1 Method	(P&T)GC/MS
o-Xylene	VOL-91-5009	modified from CCME Tier 1 Method	(P&T)GC/MS
Xylenes (Total)	VOL-91-5009	modified from CCME Tier 1 Method	(P&T)GC/MS
Toluene-d8	VOL-91-5009	modified from EPA SW-846 5030C & 8260D	(P&T)GC/MS
F1 (C6 to C10) minus BTEX	VOL-91-5009	modified from CCME Tier 1 Method	(P&T)GC/FID
F3 (C16 to C34)	VOL-91-5009	modified from CCME Tier 1 Method	GC/FID
Benzene	VOL-91-5009	modified from EPA SW-846 5035C & 8260D	(P&T)GC/MS
Toluene	VOL-91-5009	modified from EPA SW-846 5035C & 8260D	(P&T)GC/MS
Ethylbenzene	VOL-91-5009	modified from EPA SW-846 5035C & 8260D	(P&T)GC/MS
m & p-Xylene	VOL-91-5009	modified from EPA SW-846 5035C & 8260D	(P&T)GC/MS
o-Xylene	VOL-91-5009	modified from EPA SW-846 5035C & 8260D	(P&T)GC/MS
Xylenes (Total)	VOL-91-5009	modified from EPA 5035C and EPA 8260D	(P&T)GC/MS
F1 (C6 to C10) minus BTEX	VOL-91-5009	CCME Tier 1 Method	P&T GC/FID
Dichlorodifluoromethane	VOL-91-5002	EPA SW-846 5035 & 8260	(P&T)GC/MS
Vinyl Chloride	VOL-91-5002	EPA SW-846 5035 & 8260	(P&T)GC/MS
Bromomethane	VOL-91-5002	EPA SW-846 5035 & 8260	(P&T)GC/MS
Trichlorofluoromethane	VOL-91-5002	EPA SW-846 5035 & 8260	(P&T)GC/MS
Acetone	VOL-91-5002	EPA SW-846 5035 & 8260	(P&T)GC/MS
1,1-Dichloroethylene	VOL-91-5002	EPA SW-846 5035 & 8260	(P&T)GC/MS
Methylene Chloride	VOL-91-5002	EPA SW-846 5035 & 8260	(P&T)GC/MS
Trans- 1,2-Dichloroethylene	VOL-91-5002	EPA SW-846 5035 & 8260	(P&T)GC/MS
Methyl tert-butyl Ether	VOL-91-5002	EPA SW-846 5035 & 8260	(P&T)GC/MS
1,1-Dichloroethane	VOL-91-5002	EPA SW-846 5035 & 8260	(P&T)GC/MS
Methyl Ethyl Ketone	VOL-91-5002	EPA SW-846 5035 & 8260	(P&T)GC/MS
Cis- 1,2-Dichloroethylene	VOL-91-5002	EPA SW-846 5035 & 8260	(P&T)GC/MS
Chloroform	VOL-91-5002	EPA SW-846 5035 & 8260	(P&T)GC/MS
1,2-Dichloroethane	VOL-91-5002	EPA SW-846 5035 & 8260	(P&T)GC/MS
1,1,1-Trichloroethane	VOL-91-5002	EPA SW-846 5035 & 8260	(P&T)GC/MS
Carbon Tetrachloride	VOL-91-5002	EPA SW-846 5035 & 8260	(P&T)GC/MS
Benzene	VOL-91-5002	modified from EPA 5035C and EPA 8260D	(P&T)GC/MS
1,2-Dichloropropane	VOL-91-5002	EPA SW-846 5035 & 8260	(P&T)GC/MS
Trichloroethylene	VOL-91-5002	EPA SW-846 5035 & 8260	(P&T)GC/MS
Bromodichloromethane	VOL-91-5002	EPA SW-846 5035 & 8260	(P&T)GC/MS
Methyl Isobutyl Ketone	VOL-91-5002	EPA SW-846 5035 & 8260	(P&T)GC/MS
1,1,2-Trichloroethane	VOL-91-5002	EPA SW-846 5035 & 8260	(P&T)GC/MS
Toluene	VOL-91-5002	EPA SW-846 5035 & 8260	(P&T)GC/MS
Dibromochloromethane	VOL-91-5002	EPA SW-846 5035 & 8260	(P&T)GC/MS
Ethylene Dibromide	VOL-91-5002	EPA SW-846 5035 & 8260	(P&T)GC/MS
Tetrachloroethylene	VOL-91-5002	EPA SW-846 5035 & 8260	(P&T)GC/MS
1,1,1,2-Tetrachloroethane	VOL-91-5002	EPA SW-846 5035 & 8260	(P&T)GC/MS
Chlorobenzene	VOL-91-5002	EPA SW-846 5035 & 8260	(P&T)GC/MS
Ethylbenzene	VOL-91-5002	EPA SW-846 5035 & 8260	(P&T)GC/MS
m & p-Xylene	VOL-91-5002	EPA SW-846 5035 & 8260	(P&T)GC/MS

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Method Summary

CLIENT NAME: TERRAPEX ENVIRONMENTAL LIMITED

AGAT WORK ORDER: 22T961549

PROJECT: CT3639.00

ATTENTION TO: Mike Deans

SAMPLING SITE:2636 Eglinton Ave W

SAMPLED BY:EL

PARAMETER	AGAT S.O.P	LITERATURE REFERENCE	ANALYTICAL TECHNIQUE
Bromoform	VOL-91-5002	EPA SW-846 5035 & 8260	(P&T)GC/MS
Styrene	VOL-91-5002	EPA SW-846 5035 & 8260	(P&T)GC/MS
1,1,2,2-Tetrachloroethane	VOL-91-5002	EPA SW-846 5035 & 8260	(P&T)GC/MS
o-Xylene	VOL-91-5002	EPA SW-846 5035 & 8260	(P&T)GC/MS
1,3-Dichlorobenzene	VOL-91-5002	EPA SW-846 5035 & 8260	(P&T)GC/MS
1,4-Dichlorobenzene	VOL-91-5002	EPA SW-846 5035 & 8260	(P&T)GC/MS
1,2-Dichlorobenzene	VOL-91-5002	EPA SW-846 5035 & 8260	(P&T)GC/MS
Xylenes (Total)	VOL-91-5002	EPA SW-846 5035 & 8260	(P&T)GC/MS
1,3-Dichloropropene (Cis + Trans)	VOL-91-5002	EPA SW-846 5035 & 8260	(P&T)GC/MS
n-Hexane	VOL-91-5002	EPA SW-846 5035 & 8260	(P&T)GC/MS
Toluene-d8	VOL-91-5002	modified from EPA 5030B & EPA 8260D	(P&T)GC/MS
4-Bromofluorobenzene	VOL-91-5002	modified from EPA 5030B & EPA 8260D	(P&T)GC/MS
Dichlorodifluoromethane	VOL-91-5002	modified from EPA 5035A and EPA 8260D	(P&T)GC/MS
Vinyl Chloride	VOL-91-5002	modified from EPA 5035A and EPA 8260D	(P&T)GC/MS
Bromomethane	VOL-91-5002	modified from EPA 5035A and EPA 8260D	(P&T)GC/MS
Trichlorofluoromethane	VOL-91-5002	modified from EPA 5035A and EPA 8260D	(P&T)GC/MS
Acetone	VOL-91-5002	modified from EPA 5035A and EPA 8260D	(P&T)GC/MS
1,1-Dichloroethylene	VOL-91-5002	modified from EPA 5035A and EPA 8260D	(P&T)GC/MS
Methylene Chloride	VOL-91-5002	modified from EPA 5035A and EPA 8260D	(P&T)GC/MS
Trans- 1,2-Dichloroethylene	VOL-91-5002	modified from EPA 5035A and EPA 8260D	(P&T)GC/MS
Methyl tert-butyl Ether	VOL-91-5002	modified from EPA 5035A and EPA 8260D	(P&T)GC/MS
1,1-Dichloroethane	VOL-91-5002	modified from EPA 5035A and EPA 8260D	(P&T)GC/MS
Methyl Ethyl Ketone	VOL-91-5002	modified from EPA 5035A and EPA 8260D	(P&T)GC/MS
Cis- 1,2-Dichloroethylene	VOL-91-5002	modified from EPA 5035A and EPA 8260D	(P&T)GC/MS
Chloroform	VOL-91-5002	modified from EPA 5035A and EPA 8260D	(P&T)GC/MS
1,2-Dichloroethane	VOL-91-5002	modified from EPA 5035A and EPA 8260D	(P&T)GC/MS
1,1,1-Trichloroethane	VOL-91-5002	modified from EPA 5035A and EPA 8260D	(P&T)GC/MS
Carbon Tetrachloride	VOL-91-5002	modified from EPA 5035A and EPA 8260D	(P&T)GC/MS
Benzene	VOL-91-5002	modified from EPA 5035A and EPA 8260D	(P&T)GC/MS
1,2-Dichloropropane	VOL-91-5002	modified from EPA 5035A and EPA 8260D	(P&T)GC/MS
Trichloroethylene	VOL-91-5002	modified from EPA 5035A and EPA 8260D	(P&T)GC/MS
Bromodichloromethane	VOL-91-5002	modified from EPA 5035A and EPA 8260D	(P&T)GC/MS

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Method Summary

CLIENT NAME: TERRAPEX ENVIRONMENTAL LIMITED

AGAT WORK ORDER: 22T961549

PROJECT: CT3639.00

ATTENTION TO: Mike Deans

SAMPLING SITE:2636 Eglinton Ave W

SAMPLED BY:EL

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

AGAT Laboratories
5835 Coopers Avenue
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Chain of Custody Record

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

Laboratory Use Only

Work Order #: 22T961549

Cooler Quantity: 1

Arrival Temperatures: 5.6 | 6.3 | 6.8

Custody Seal Intact: ☐ Yes ☐ No ☐ N/A

Notes: Loose Ice

Report Information:

Company: Terrapex
Contact: Michael Deans
Address: 40 Scarsdale Road, Toronto ON M3B 2R7
Phone: 416-245-0011 Fax:
Reports to be sent to:
1. Email: m.deans@terrapex.com
2. Email:

Regulatory Requirements:

(Please check all applicable boxes)

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

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

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

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

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

Turnaround Time (TAT) Required:

Regular TAT ☒ 5 to 7 Business Days

Rush TAT (Rush Surcharges Apply)

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

OR Date Required (Rush Surcharges May Apply):

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

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

Project Information:

Project: CT3639.00
Site Location: 2636 Eglinton Ave W
Sampled By: EL
AGAT Quote #: Terrapex PO:
Please note: If quotation number is not provided, client will be billed full price for analysis.

Invoice Information:

Bill To Same: Yes ☒ No ☐

Company:
Contact:
Address:
Email:

Sample Matrix Legend

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

Sample Identification	Date Sampled	Time Sampled	# of Containers	Sample Matrix	Comments/ Special Instructions	Field Filtered - Metals, Hg, CrVI, DOC (Y/N)	O. Reg 153: Metals & Inorganics	O. Reg 153: Metals - ☐ CrVI, ☐ Hg, ☐ HWSB	O. Reg 153: BTEX, F1-F4 PHCs — Analyze F4G if required ☒ Yes ☐ No	O. Reg 153: PAHs	O. Reg 153: PCBs	O. Reg 153: VOC	O. Reg 558: Landfill Disposal Characterization TCLP: ☐ M&I ☐ VOCs ☐ ABNs ☐ B(a)P ☐ PCBs	O. Reg 406: Excess Soils SPLP Rainwater Leach — SPLP: ☐ Metals ☐ VOCs ☐ SVOCs	O. Reg 406: Excess Soils Characterization Package pH, ICPMS Metals, BTEX, F1-F4	Salt - EC/SAR	PHC F1	Potentially Hazardous or High Concentration (Y/N)
MW101-2	Oct24,22	10:15 AM/PM	3	S		—	X		X	X								
MW101-5	Oct24,22	10:50 AM/PM	1	S		—	X											
MW101-6	Oct24,22	10:55 AM/PM	1	S		—				X								
MW101-7	Oct24,22	11:05 AM/PM	2	S		—			X			X						
BH102-2	Oct21,22	10:50 AM/PM	3	S	Limited recovery	—	X		X	X		X						
BH102-3	Oct21,22	11:00 AM/PM	2	S		—			X			X						
MW1000	Oct21,22	10:50 AM/PM	2	S	Limited recovery	—			X	X		X						
MW2000	Oct24,22	10:15 AM/PM	1	S		—	X											
[redacted] MW100	Oct21,22	11:05 AM/PM	1	S	Methanol Blank	—						X					X	
		AM/PM																
		AM/PM																

Samples Relinquished By (Print Name and Sign):	Date	Time	Samples Received By (Print Name and Sign):	Date	Time
Edward Lai	Oct 25,22	9:00	A. Rios	25-10-22	12:20pm
Michael Deans	Oct 25/22	7:00 AM			

Page 1 of 1

No: T 127293

Pink Copy - Client I Yellow Copy - AGAT I White Copy- AGAT

Document ID: DW-78-1511-031

Date Issued: March 9, 2021

AGAT Laboratories

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

CLIENT NAME: TERRAPEX ENVIRONMENTAL LIMITED
90 SCARSDALE RD
TORONTO, ON M3B2R7
(905) 474-5265

ATTENTION TO: Mike Deans

PROJECT: CT3639.00

AGAT WORK ORDER: 22T965439

TRACE ORGANICS REVIEWED BY: Pinkal Patel, Report Reviewer

WATER ANALYSIS REVIEWED BY: Yris Verastegui, Report Reviewer

DATE REPORTED: Nov 09, 2022

PAGES (INCLUDING COVER): 23

VERSION*: 1

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

*Notes

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Certificate of Analysis

AGAT WORK ORDER: 22T965439
PROJECT: CT3639.00

CLIENT NAME: TERRAPEX ENVIRONMENTAL LIMITED
SAMPLING SITE:2636 Eglinton Avenue West, Toronto

ATTENTION TO: Mike Deans
SAMPLED BY:Wahida N/Edward Lai

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

DATE RECEIVED: 2022-11-02

DATE REPORTED: 2022-11-09

				SAMPLE DESCRIPTION:	MW101
				SAMPLE TYPE:	Water
				DATE SAMPLED:	2022-11-01 08:50
Parameter	Unit	G / S	RDL	4482461	
Naphthalene	µg/L		0.20	<0.20	
Acenaphthylene	µg/L		0.20	<0.20	
Acenaphthene	µg/L		0.20	<0.20	
Fluorene	µg/L		0.20	<0.20	
Phenanthrene	µg/L		0.10	<0.10	
Anthracene	µg/L		0.10	<0.10	
Fluoranthene	µg/L		0.20	<0.20	
Pyrene	µg/L		0.20	<0.20	
Benzo(a)anthracene	µg/L		0.20	<0.20	
Chrysene	µg/L		0.10	<0.10	
Benzo(b)fluoranthene	µg/L		0.10	<0.10	
Benzo(k)fluoranthene	µg/L		0.10	<0.10	
Benzo(a)pyrene	µg/L		0.01	<0.01	
Indeno(1,2,3-cd)pyrene	µg/L		0.20	<0.20	
Dibenz(a,h)anthracene	µg/L		0.20	<0.20	
Benzo(g,h,i)perylene	µg/L		0.20	<0.20	
2-and 1-methyl Naphthalene	µg/L		0.20	<0.20	
Sediment				NO	
Surrogate	Unit	Acceptable Limits			
Naphthalene-d8	%	50-140		60	
Acridine-d9	%	50-140		100	
Terphenyl-d14	%	50-140		76	

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

4482461 Sediment parameter is comment only based on visual inspection of the sample prior to extraction and is not an accredited test.
Legend: 1 = no sediment present; 2 = sediment present; 3 = sediment present in trace amount
Note: The result for Benzo(b)Fluoranthene is the total of the Benzo(b)&(j)Fluoranthene isomers because the isomers co-elute on the GC column.
2- and 1-Methyl Naphthalene is a calculated parameter. The calculated value is the sum of 2-Methyl Naphthalene and 1-Methyl Naphthalene. The calculated parameter is non-accredited. The parameters that are components of the calculation are accredited.

Analysis performed at AGAT Toronto (unless marked by *)

Certified By: Pinkal Patel

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AGAT WORK ORDER: 22T965439

PROJECT: CT3639.00

CLIENT NAME: TERRAPEX ENVIRONMENTAL LIMITED

ATTENTION TO: Mike Deans

SAMPLING SITE:2636 Eglinton Avenue West, Toronto

SAMPLED BY:Wahida N/Edward Lai

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

DATE RECEIVED: 2022-11-02

DATE REPORTED: 2022-11-09

			SAMPLE DESCRIPTION:	MW101
			SAMPLE TYPE:	Water
			DATE SAMPLED:	2022-11-01 08:50
Parameter	Unit	G / S	RDL	4482461
F1 (C6-C10)	µg/L		25	<25
F1 (C6 to C10) minus BTEX	µg/L		25	<25
F2 (C10 to C16)	µg/L		100	<100
F2 (C10 to C16) minus Naphthalene	µg/L		100	<100
F3 (C16 to C34)	µg/L		100	<100
F3 (C16 to C34) minus PAHs	µg/L		100	<100
F4 (C34 to C50)	µg/L		100	<100
Gravimetric Heavy Hydrocarbons	µg/L		500	NA
Sediment				0.0
Surrogate	Unit	Acceptable Limits		
Toluene-d8	%	50-140		92
Terphenyl	% Recovery	60-140		98

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

4482461 The C6-C10 fraction is calculated using toluene response factor.
C6–C10 (F1 minus BTEX) is a calculated parameter. The calculated value is F1 minus BTEX. The calculated parameter is non-accredited. The parameters that are components of the calculation are accredited.
The C10 - C16, C16 - C34, and C34 - C50 fractions are calculated using the average response factor for n-C10, n-C16, and n-C34.
Gravimetric Heavy Hydrocarbons are not included in the Total C16-C50 and are only determined if the chromatogram of the C34 - C50 hydrocarbons indicates that hydrocarbons >C50 are present.
The chromatogram has returned to baseline by the retention time of nC50.
Total C6 - C50 results are corrected for BTEX and PAH contributions.
C>10 – C16 (F2- Naphthalene) is a calculated parameter. The calculated value is F2 - Naphthalene.
C>16 - C34 (F3-PAH) is a calculated parameter. The calculated value is F3-PAH (PAH: sum of Phenanthrene, Benzo(a)anthracene, Benzo(b)fluoranthene, Benzo(k)fluoranthene, Benzo(a)pyrene, Fluoranthene, Dibenzo(a,h)anthracene, Indeno(1,2,3-c,d)pyrene and Pyrene).
This method complies with the Reference Method for the CWS PHC and is validated for use in the laboratory.
nC10, nC16 and nC34 response factors are within 10% of their average.
C50 response factor is within 70% of nC10 + nC16 + nC34 average.
Linearity is within 15%.
Extraction and holding times were met for this sample.

Sediment parameter is comment only based on visual inspection of the sample prior to extraction and is not an accredited test.

Analysis performed at AGAT Toronto (unless marked by *)

Certified By: Jinkal Patel

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Certificate of Analysis

AGAT WORK ORDER: 22T965439

PROJECT: CT3639.00

CLIENT NAME: TERRAPEX ENVIRONMENTAL LIMITED

ATTENTION TO: Mike Deans

SAMPLING SITE:2636 Eglinton Avenue West, Toronto

SAMPLED BY:Wahida N/Edward Lai

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

DATE RECEIVED: 2022-11-02

DATE REPORTED: 2022-11-09

				SAMPLE DESCRIPTION:	Trip Blank
				SAMPLE TYPE:	Water
				DATE SAMPLED:	2022-11-01 08:50
Parameter	Unit	G / S	RDL	4482475	
Benzene	µg/L		0.20	<0.20	
Toluene	µg/L		0.20	<0.20	
Ethylbenzene	µg/L		0.10	<0.10	
m & p-Xylene	µg/L		0.20	<0.20	
o-Xylene	µg/L		0.10	<0.10	
Xylenes (Total)	µg/L		0.20	<0.20	
F1 (C6-C10)	µg/L		25	<25	
F1 (C6 to C10) minus BTEX	µg/L		25	<25	
Surrogate	Unit	Acceptable Limits			
Toluene-d8	% Recovery	60-140		97	

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

4482475 The C6-C10 fraction is calculated using Toluene response factor.
Total C6-C10 results are corrected for BTEX contributions.
Xylenes total is a calculated parameter. The calculated value is the sum of m&p-Xylene and o-Xylene.
C6–C10 (F1 minus BTEX) is a calculated parameter. The calculated value is F1 minus BTEX.
The calculated parameters are non-accredited. The parameters that are components of the calculation are accredited.
This method complies with the Reference Method for the CWS PHC and is validated for use in the laboratory.
nC6 and nC10 response factors are within 30% of Toluene response factor.
Extraction and holding times were met for this sample.
NA = Not Applicable

Analysis performed at AGAT Toronto (unless marked by *)

Certified By: Jinkal Patel

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AGAT WORK ORDER: 22T965439

PROJECT: CT3639.00

CLIENT NAME: TERRAPEX ENVIRONMENTAL LIMITED

ATTENTION TO: Mike Deans

SAMPLING SITE:2636 Eglinton Avenue West, Toronto

SAMPLED BY:Wahida N/Edward Lai

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

DATE RECEIVED: 2022-11-02

DATE REPORTED: 2022-11-09

				SAMPLE DESCRIPTION:	Trip Spike
				SAMPLE TYPE:	Water
				DATE SAMPLED:	2022-11-01 08:50
Parameter	Unit	G / S	RDL	4482474	
Dichlorodifluoromethane	%		1	105	
Vinyl Chloride	%		1	102	
Bromomethane	%		1	109	
Trichlorofluoromethane	%		1	116	
Acetone	%		1	91	
1,1-Dichloroethylene	%		1	85	
Methylene Chloride	%		1	105	
trans- 1,2-Dichloroethylene	%		1	107	
Methyl tert-butyl ether	%		1	99	
1,1-Dichloroethane	%		1	105	
Methyl Ethyl Ketone	%		1	98	
cis- 1,2-Dichloroethylene	%		1	104	
Chloroform	%		1	117	
1,2-Dichloroethane	%		1	115	
1,1,1-Trichloroethane	%		1	103	
Carbon Tetrachloride	%		1	101	
Benzene	%		1	83	
1,2-Dichloropropane	%		1	83	
Trichloroethylene	%		1	111	
Bromodichloromethane	%		1	102	
Methyl Isobutyl Ketone	%		1	103	
1,1,2-Trichloroethane	%		1	83	
Toluene	%		1	102	
Dibromochloromethane	%		1	111	
Ethylene Dibromide	%		1	105	
Tetrachloroethylene	%		1	107	
1,1,1,2-Tetrachloroethane	%		1	90	
Chlorobenzene	%		1	111	
Ethylbenzene	%		1	106	

Certified By: Pinkal Patel

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AGAT WORK ORDER: 22T965439

PROJECT: CT3639.00

CLIENT NAME: TERRAPEX ENVIRONMENTAL LIMITED

ATTENTION TO: Mike Deans

SAMPLING SITE:2636 Eglinton Avenue West, Toronto

SAMPLED BY:Wahida N/Edward Lai

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

DATE RECEIVED: 2022-11-02

DATE REPORTED: 2022-11-09

				SAMPLE DESCRIPTION:	Trip Spike
				SAMPLE TYPE:	Water
				DATE SAMPLED:	2022-11-01 08:50
Parameter	Unit	G / S	RDL	4482474	
m & p-Xylene	%		1	101	
Bromoform	%		1	108	
Styrene	%		1	103	
1,1,2,2-Tetrachloroethane	%		1	99	
o-Xylene	%		1	109	
1,3-Dichlorobenzene	%		1	97	
1,4-Dichlorobenzene	%		1	100	
1,2-Dichlorobenzene	%		1	112	
1,3-Dichloropropene	µg/L		0.30	197	
Xylenes (Total)	µg/L		0.20	210	
n-Hexane	%		1	82	
Surrogate	Unit	Acceptable Limits			
Toluene-d8	% Recovery	50-140		78	
4-Bromofluorobenzene	% Recovery	50-140		78	

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

4482474 Xylenes total is a calculated parameter. The calculated value is the sum of m&p-Xylene and o-Xylene.
1,3-Dichloropropene total is a calculated parameter. The calculated value is the sum of Cis-1,3-Dichloropropene and Trans-1,3-Dichloropropene.
The calculated parameter is non-accredited. The parameters that are components of the calculation are accredited.

Analysis performed at AGAT Toronto (unless marked by *)

Certified By: Jinkal Patel

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AGAT WORK ORDER: 22T965439
PROJECT: CT3639.00

CLIENT NAME: TERRAPEX ENVIRONMENTAL LIMITED
SAMPLING SITE:2636 Eglinton Avenue West, Toronto

ATTENTION TO: Mike Deans
SAMPLED BY:Wahida N/Edward Lai

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

DATE RECEIVED: 2022-11-02

DATE REPORTED: 2022-11-09

		SAMPLE DESCRIPTION:		MW101	Trip Blank
		SAMPLE TYPE:		Water	Water
		DATE SAMPLED:		2022-11-01 08:50	2022-11-01 08:50
Parameter	Unit	G / S	RDL	4482461	4482475
Dichlorodifluoromethane	µg/L		0.40	<0.40	<0.40
Vinyl Chloride	µg/L		0.17	<0.17	<0.17
Bromomethane	µg/L		0.20	<0.20	<0.20
Trichlorofluoromethane	µg/L		0.40	<0.40	<0.40
Acetone	µg/L		1.0	<1.0	<1.0
1,1-Dichloroethylene	µg/L		0.30	<0.30	<0.30
Methylene Chloride	µg/L		0.30	<0.30	<0.30
trans- 1,2-Dichloroethylene	µg/L		0.20	<0.20	<0.20
Methyl tert-butyl ether	µg/L		0.20	<0.20	<0.20
1,1-Dichloroethane	µg/L		0.30	<0.30	<0.30
Methyl Ethyl Ketone	µg/L		1.0	<1.0	<1.0
cis- 1,2-Dichloroethylene	µg/L		0.20	<0.20	<0.20
Chloroform	µg/L		0.20	<0.20	<0.20
1,2-Dichloroethane	µg/L		0.20	<0.20	<0.20
1,1,1-Trichloroethane	µg/L		0.30	<0.30	<0.30
Carbon Tetrachloride	µg/L		0.20	<0.20	<0.20
Benzene	µg/L		0.20	<0.20	<0.20
1,2-Dichloropropane	µg/L		0.20	<0.20	<0.20
Trichloroethylene	µg/L		0.20	<0.20	<0.20
Bromodichloromethane	µg/L		0.20	<0.20	<0.20
Methyl Isobutyl Ketone	µg/L		1.0	<1.0	<1.0
1,1,2-Trichloroethane	µg/L		0.20	<0.20	<0.20
Toluene	µg/L		0.20	<0.20	<0.20
Dibromochloromethane	µg/L		0.10	<0.10	<0.10
Ethylene Dibromide	µg/L		0.10	<0.10	<0.10
Tetrachloroethylene	µg/L		0.20	<0.20	<0.20
1,1,1,2-Tetrachloroethane	µg/L		0.10	<0.10	<0.10
Chlorobenzene	µg/L		0.10	<0.10	<0.10
Ethylbenzene	µg/L		0.10	<0.10	<0.10

Certified By: Pinkal Patel

AGAT Laboratories

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Certificate of Analysis

AGAT WORK ORDER: 22T965439

PROJECT: CT3639.00

CLIENT NAME: TERRAPEX ENVIRONMENTAL LIMITED

ATTENTION TO: Mike Deans

SAMPLING SITE:2636 Eglinton Avenue West, Toronto

SAMPLED BY:Wahida N/Edward Lai

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

DATE RECEIVED: 2022-11-02

DATE REPORTED: 2022-11-09

				SAMPLE DESCRIPTION:	MW101	Trip Blank
				SAMPLE TYPE:	Water	Water
				DATE SAMPLED:	2022-11-01 08:50	2022-11-01 08:50
Parameter	Unit	G / S	RDL		4482461	4482475
m & p-Xylene	µg/L		0.20		<0.20	<0.20
Bromoform	µg/L		0.10		<0.10	<0.10
Styrene	µg/L		0.10		<0.10	<0.10
1,1,2,2-Tetrachloroethane	µg/L		0.10		<0.10	<0.10
o-Xylene	µg/L		0.10		<0.10	<0.10
1,3-Dichlorobenzene	µg/L		0.10		<0.10	<0.10
1,4-Dichlorobenzene	µg/L		0.10		<0.10	<0.10
1,2-Dichlorobenzene	µg/L		0.10		<0.10	<0.10
1,3-Dichloropropene	µg/L		0.30		<0.30	<0.30
Xylenes (Total)	µg/L		0.20		<0.20	<0.20
n-Hexane	µg/L		0.20		<0.20	<0.20
Surrogate	Unit	Acceptable Limits				
Toluene-d8	% Recovery	50-140			92	97
4-Bromofluorobenzene	% Recovery	50-140			88	84

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

4482461-4482475 Xylenes total is a calculated parameter. The calculated value is the sum of m&p-Xylene and o-Xylene.
1,3-Dichloropropene total is a calculated parameter. The calculated value is the sum of Cis-1,3-Dichloropropene and Trans-1,3-Dichloropropene.
The calculated parameter is non-accredited. The parameters that are components of the calculation are accredited.

Analysis performed at AGAT Toronto (unless marked by *)

Certified By:

AGAT Laboratories

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Certificate of Analysis

AGAT WORK ORDER: 22T965439
PROJECT: CT3639.00

CLIENT NAME: TERRAPEX ENVIRONMENTAL LIMITED
ATTENTION TO: Mike Deans
SAMPLING SITE:2636 Eglinton Avenue West, Toronto
SAMPLED BY:Wahida N/Edward Lai

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

DATE RECEIVED: 2022-11-02
DATE REPORTED: 2022-11-09

			SAMPLE DESCRIPTION:	MW101
			SAMPLE TYPE:	Water
			DATE SAMPLED:	2022-11-01 08:50
Parameter	Unit	G / S	RDL	4482461
Dissolved Antimony	µg/L		1.0	<1.0
Dissolved Arsenic	µg/L		1.0	<1.0
Dissolved Barium	µg/L		2.0	136
Dissolved Beryllium	µg/L		0.50	<0.50
Dissolved Boron	µg/L		10.0	131
Dissolved Cadmium	µg/L		0.20	<0.20
Dissolved Chromium	µg/L		2.0	<2.0
Dissolved Cobalt	µg/L		0.50	<0.50
Dissolved Copper	µg/L		1.0	1.2
Dissolved Lead	µg/L		0.50	<0.50
Dissolved Molybdenum	µg/L		0.50	1.13
Dissolved Nickel	µg/L		1.0	1.2
Dissolved Selenium	µg/L		1.0	<1.0
Dissolved Silver	µg/L		0.20	<0.20
Dissolved Thallium	µg/L		0.30	<0.30
Dissolved Uranium	µg/L		0.50	1.92
Dissolved Vanadium	µg/L		0.40	1.43
Dissolved Zinc	µg/L		5.0	<5.0
Mercury	µg/L		0.02	<0.02
Chromium VI	µg/L		2.000	<2.000
Cyanide, WAD	µg/L		2	<2
Dissolved Sodium	µg/L		50	287000
Chloride	µg/L		100	696000
Electrical Conductivity	uS/cm		2	3040
pH	pH Units		NA	7.77

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

4482461 Metals analysis completed on a filtered sample.
Dilution required, RDL has been increased accordingly.

Analysis performed at AGAT Toronto (unless marked by *)

Certified By: Iris Verástegui

AGAT Laboratories

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Quality Assurance

CLIENT NAME: TERRAPEX ENVIRONMENTAL LIMITED

AGAT WORK ORDER: 22T965439

PROJECT: CT3639.00

ATTENTION TO: Mike Deans

SAMPLING SITE:2636 Eglinton Avenue West, Toronto

SAMPLED BY:Wahida N/Edward Lai

Trace Organics Analysis

RPT Date: Nov 09, 2022			DUPLICATE				REFERENCE MATERIAL			METHOD BLANK SPIKE			MATRIX SPIKE		
PARAMETER	Batch	Sample Id	Dup #1	Dup #2	RPD	Method Blank	Measured Value	Acceptable Limits		Recovery	Acceptable Limits		Recovery	Acceptable Limits	
								Lower	Upper		Lower	Upper		Lower	Upper
O. Reg. 153(511) - PHCs F1 - F4 (with PAHs and VOC) (Water)															
F1 (C6-C10)	4483945		<25	<25	NA	< 25	97%	60%	140%	96%	60%	140%	90%	60%	140%
F2 (C10 to C16)	4482461	4482461	<100	<100	NA	< 100	103%	60%	140%	62%	60%	140%	67%	60%	140%
F3 (C16 to C34)	4482461	4482461	<100	<100	NA	< 100	105%	60%	140%	76%	60%	140%	63%	60%	140%
F4 (C34 to C50)	4482461	4482461	<100	<100	NA	< 100	85%	60%	140%	90%	60%	140%	77%	60%	140%
O. Reg. 153(511) - PAHs (Water)															
Naphthalene	4440622		< 0.20	< 0.20	NA	< 0.20	119%	50%	140%	97%	50%	140%	88%	50%	140%
Acenaphthylene	4440622		< 0.20	< 0.20	NA	< 0.20	80%	50%	140%	88%	50%	140%	93%	50%	140%
Acenaphthene	4440622		< 0.20	< 0.20	NA	< 0.20	91%	50%	140%	91%	50%	140%	83%	50%	140%
Fluorene	4440622		< 0.20	< 0.20	NA	< 0.20	81%	50%	140%	80%	50%	140%	81%	50%	140%
Phenanthrene	4440622		< 0.10	< 0.10	NA	< 0.10	93%	50%	140%	104%	50%	140%	97%	50%	140%
Anthracene	4440622		< 0.10	< 0.10	NA	< 0.10	88%	50%	140%	71%	50%	140%	77%	50%	140%
Fluoranthene	4440622		< 0.20	< 0.20	NA	< 0.20	118%	50%	140%	110%	50%	140%	93%	50%	140%
Pyrene	4440622		< 0.20	< 0.20	NA	< 0.20	115%	50%	140%	105%	50%	140%	98%	50%	140%
Benzo(a)anthracene	4440622		< 0.20	< 0.20	NA	< 0.20	87%	50%	140%	105%	50%	140%	90%	50%	140%
Chrysene	4440622		< 0.10	< 0.10	NA	< 0.10	82%	50%	140%	107%	50%	140%	107%	50%	140%
Benzo(b)fluoranthene	4440622		< 0.10	< 0.10	NA	< 0.10	92%	50%	140%	101%	50%	140%	92%	50%	140%
Benzo(k)fluoranthene	4440622		< 0.10	< 0.10	NA	< 0.10	119%	50%	140%	90%	50%	140%	109%	50%	140%
Benzo(a)pyrene	4440622		< 0.01	< 0.01	NA	< 0.01	104%	50%	140%	108%	50%	140%	110%	50%	140%
Indeno(1,2,3-cd)pyrene	4440622		< 0.20	< 0.20	NA	< 0.20	85%	50%	140%	94%	50%	140%	74%	50%	140%
Dibenz(a,h)anthracene	4440622		< 0.20	< 0.20	NA	< 0.20	79%	50%	140%	91%	50%	140%	86%	50%	140%
Benzo(g,h,i)perylene	4440622		< 0.20	< 0.20	NA	< 0.20	87%	50%	140%	86%	50%	140%	98%	50%	140%
O. Reg. 153(511) - VOCs (with PHC) (Water)															
Dichlorodifluoromethane	4483945		<0.40	<0.40	NA	< 0.40	113%	50%	140%	72%	50%	140%	73%	50%	140%
Vinyl Chloride	4483945		<0.17	<0.17	NA	< 0.17	95%	50%	140%	80%	50%	140%	106%	50%	140%
Bromomethane	4483945		<0.20	<0.20	NA	< 0.20	73%	50%	140%	71%	50%	140%	76%	50%	140%
Trichlorofluoromethane	4483945		<0.40	<0.40	NA	< 0.40	99%	50%	140%	78%	50%	140%	77%	50%	140%
Acetone	4483945		<1.0	<1.0	NA	< 1.0	83%	50%	140%	113%	50%	140%	105%	50%	140%
1,1-Dichloroethylene	4483945		<0.30	<0.30	NA	< 0.30	97%	50%	140%	85%	60%	130%	69%	50%	140%
Methylene Chloride	4483945		<0.30	<0.30	NA	< 0.30	105%	50%	140%	114%	60%	130%	117%	50%	140%
trans- 1,2-Dichloroethylene	4483945		<0.20	<0.20	NA	< 0.20	94%	50%	140%	84%	60%	130%	105%	50%	140%
Methyl tert-butyl ether	4483945		<0.20	<0.20	NA	< 0.20	101%	50%	140%	88%	60%	130%	101%	50%	140%
1,1-Dichloroethane	4483945		<0.30	<0.30	NA	< 0.30	81%	50%	140%	84%	60%	130%	87%	50%	140%
Methyl Ethyl Ketone	4483945		<1.0	<1.0	NA	< 1.0	80%	50%	140%	97%	50%	140%	92%	50%	140%
cis- 1,2-Dichloroethylene	4483945		<0.20	<0.20	NA	< 0.20	77%	50%	140%	87%	60%	130%	74%	50%	140%
Chloroform	4483945		<0.20	<0.20	NA	< 0.20	87%	50%	140%	101%	60%	130%	89%	50%	140%
1,2-Dichloroethane	4483945		<0.20	<0.20	NA	< 0.20	75%	50%	140%	88%	60%	130%	103%	50%	140%
1,1,1-Trichloroethane	4483945		<0.30	<0.30	NA	< 0.30	82%	50%	140%	87%	60%	130%	111%	50%	140%
Carbon Tetrachloride	4483945		<0.20	<0.20	NA	< 0.20	78%	50%	140%	82%	60%	130%	80%	50%	140%

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Quality Assurance

CLIENT NAME: TERRAPEX ENVIRONMENTAL LIMITED

AGAT WORK ORDER: 22T965439

PROJECT: CT3639.00

ATTENTION TO: Mike Deans

SAMPLING SITE:2636 Eglinton Avenue West, Toronto

SAMPLED BY:Wahida N/Edward Lai

Trace Organics Analysis (Continued)

RPT Date: Nov 09, 2022			DUPLICATE				REFERENCE MATERIAL			METHOD BLANK SPIKE			MATRIX SPIKE		
PARAMETER	Batch	Sample Id	Dup #1	Dup #2	RPD	Method Blank	Measured Value	Acceptable Limits		Recovery	Acceptable Limits		Recovery	Acceptable Limits	
								Lower	Upper		Lower	Upper		Lower	Upper
Benzene	4483945		<0.20	<0.20	NA	< 0.20	88%	50%	140%	97%	60%	130%	96%	50%	140%
1,2-Dichloropropane	4483945		<0.20	<0.20	NA	< 0.20	76%	50%	140%	96%	60%	130%	82%	50%	140%
Trichloroethylene	4483945		<0.20	<0.20	NA	< 0.20	89%	50%	140%	103%	60%	130%	76%	50%	140%
Bromodichloromethane	4483945		<0.20	<0.20	NA	< 0.20	72%	50%	140%	95%	60%	130%	77%	50%	140%
Methyl Isobutyl Ketone	4483945		<1.0	<1.0	NA	< 1.0	106%	50%	140%	111%	50%	140%	105%	50%	140%
1,1,2-Trichloroethane	4483945		<0.20	<0.20	NA	< 0.20	95%	50%	140%	100%	60%	130%	101%	50%	140%
Toluene	4483945		<0.20	<0.20	NA	< 0.20	104%	50%	140%	102%	60%	130%	96%	50%	140%
Dibromochloromethane	4483945		<0.10	<0.10	NA	< 0.10	100%	50%	140%	86%	60%	130%	102%	50%	140%
Ethylene Dibromide	4483945		<0.10	<0.10	NA	< 0.10	92%	50%	140%	99%	60%	130%	118%	50%	140%
Tetrachloroethylene	4483945		<0.20	<0.20	NA	< 0.20	86%	50%	140%	84%	60%	130%	73%	50%	140%
1,1,1,2-Tetrachloroethane	4483945		<0.10	<0.10	NA	< 0.10	97%	50%	140%	95%	60%	130%	79%	50%	140%
Chlorobenzene	4483945		<0.10	<0.10	NA	< 0.10	99%	50%	140%	98%	60%	130%	95%	50%	140%
Ethylbenzene	4483945		<0.10	<0.10	NA	< 0.10	85%	50%	140%	89%	60%	130%	80%	50%	140%
m & p-Xylene	4483945		<0.20	<0.20	NA	< 0.20	91%	50%	140%	92%	60%	130%	85%	50%	140%
Bromoform	4483945		<0.10	<0.10	NA	< 0.10	73%	50%	140%	76%	60%	130%	74%	50%	140%
Styrene	4483945		<0.10	<0.10	NA	< 0.10	86%	50%	140%	85%	60%	130%	78%	50%	140%
1,1,2,2-Tetrachloroethane	4483945		<0.10	<0.10	NA	< 0.10	94%	50%	140%	96%	60%	130%	108%	50%	140%
o-Xylene	4483945		<0.10	<0.10	NA	< 0.10	92%	50%	140%	89%	60%	130%	87%	50%	140%
1,3-Dichlorobenzene	4483945		<0.10	<0.10	NA	< 0.10	91%	50%	140%	90%	60%	130%	88%	50%	140%
1,4-Dichlorobenzene	4483945		<0.10	<0.10	NA	< 0.10	90%	50%	140%	89%	60%	130%	94%	50%	140%
1,2-Dichlorobenzene	4483945		<0.10	<0.10	NA	< 0.10	93%	50%	140%	90%	60%	130%	101%	50%	140%
n-Hexane	4483945		<0.20	<0.20	NA	< 0.20	107%	50%	140%	115%	60%	130%	98%	50%	140%

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

O. Reg. 153(511) - PHCs F1/BTEX (Water)															
Benzene	4483945		<0.20	<0.20	NA	< 0.20	88%	60%	140%	97%	60%	140%	96%	60%	140%
Toluene	4483945		<0.20	<0.20	NA	< 0.20	104%	60%	140%	102%	60%	140%	96%	60%	140%
Ethylbenzene	4483945		<0.10	<0.10	NA	< 0.10	85%	60%	140%	89%	60%	140%	80%	60%	140%
m & p-Xylene	4483945		<0.20	<0.20	NA	< 0.20	91%	60%	140%	92%	60%	140%	85%	60%	140%
o-Xylene	4483945		<0.10	<0.10	NA	< 0.10	92%	60%	140%	89%	60%	140%	87%	60%	140%
F1 (C6-C10)	4483945		<25	<25	NA	< 25	97%	60%	140%	96%	60%	140%	90%	60%	140%

Certified By:

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Quality Assurance

CLIENT NAME: TERRAPEX ENVIRONMENTAL LIMITED

AGAT WORK ORDER: 22T965439

PROJECT: CT3639.00

ATTENTION TO: Mike Deans

SAMPLING SITE:2636 Eglinton Avenue West, Toronto

SAMPLED BY:Wahida N/Edward Lai

Water Analysis

RPT Date: Nov 09, 2022			DUPLICATE				REFERENCE MATERIAL			METHOD BLANK SPIKE			MATRIX SPIKE		
PARAMETER	Batch	Sample Id	Dup #1	Dup #2	RPD	Method Blank	Measured Value	Acceptable Limits		Recovery	Acceptable Limits		Recovery	Acceptable Limits	
								Lower	Upper		Lower	Upper		Lower	Upper
O. Reg. 153(511) - Metals & Inorganics (Water)															
Dissolved Antimony	4485409		<1.0	<1.0	NA	< 1.0	101%	70%	130%	105%	80%	120%	106%	70%	130%
Dissolved Arsenic	4485409		<1.0	<1.0	NA	< 1.0	103%	70%	130%	103%	80%	120%	102%	70%	130%
Dissolved Barium	4485409		96.4	96.2	0.2%	< 2.0	101%	70%	130%	108%	80%	120%	106%	70%	130%
Dissolved Beryllium	4485409		<0.50	<0.50	NA	< 0.50	109%	70%	130%	115%	80%	120%	113%	70%	130%
Dissolved Boron	4485409		38.8	36.4	NA	< 10.0	96%	70%	130%	100%	80%	120%	94%	70%	130%
Dissolved Cadmium	4485409		<0.20	<0.20	NA	< 0.20	100%	70%	130%	100%	80%	120%	105%	70%	130%
Dissolved Chromium	4485409		<2.0	<2.0	NA	< 2.0	102%	70%	130%	106%	80%	120%	106%	70%	130%
Dissolved Cobalt	4485409		1.79	1.99	NA	< 0.50	103%	70%	130%	106%	80%	120%	103%	70%	130%
Dissolved Copper	4485409		3.3	4.5	NA	< 1.0	100%	70%	130%	99%	80%	120%	98%	70%	130%
Dissolved Lead	4485409		<0.50	<0.50	NA	< 0.50	101%	70%	130%	103%	80%	120%	102%	70%	130%
Dissolved Molybdenum	4485409		9.78	9.93	1.5%	< 0.50	102%	70%	130%	105%	80%	120%	107%	70%	130%
Dissolved Nickel	4485409		5.3	5.6	5.5%	< 1.0	103%	70%	130%	106%	80%	120%	100%	70%	130%
Dissolved Selenium	4485409		<1.0	<1.0	NA	< 1.0	101%	70%	130%	101%	80%	120%	109%	70%	130%
Dissolved Silver	4485409		<0.20	<0.20	NA	< 0.20	98%	70%	130%	98%	80%	120%	96%	70%	130%
Dissolved Thallium	4485409		<0.30	<0.30	NA	< 0.30	103%	70%	130%	107%	80%	120%	105%	70%	130%
Dissolved Uranium	4485409		1.45	1.52	NA	< 0.50	105%	70%	130%	108%	80%	120%	112%	70%	130%
Dissolved Vanadium	4485409		<0.40	<0.40	NA	< 0.40	103%	70%	130%	107%	80%	120%	106%	70%	130%
Dissolved Zinc	4485409		<5.0	<5.0	NA	< 5.0	101%	70%	130%	104%	80%	120%	104%	70%	130%
Mercury	4486912		<0.02	<0.02	NA	< 0.02	103%	70%	130%	101%	80%	120%	97%	70%	130%
Chromium VI	4480568		<2.000	<2.000	NA	< 2	100%	70%	130%	102%	80%	120%	106%	70%	130%
Cyanide, WAD	4483085		<2	<2	NA	< 2	93%	70%	130%	91%	80%	120%	102%	70%	130%
Dissolved Sodium	4485409		6980	6300	10.2%	< 50	99%	70%	130%	102%	80%	120%	92%	70%	130%
Chloride	4481583		139000	146000	4.9%	< 100	92%	70%	130%	100%	80%	120%	104%	70%	130%
Electrical Conductivity	4466315		79	79	0.0%	< 2	97%	90%	110%						
pH	4466315		7.38	7.39	0.1%	NA	98%	90%	110%						

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

Certified By: Iris Verástegui

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Time Markers

AGAT WORK ORDER: 22T965439
PROJECT: CT3639.00

CLIENT NAME: TERRAPEX ENVIRONMENTAL LIMITED

ATTENTION TO: Mike Deans

Sample ID	Sample Description	Sample Type	Date Sampled	Date Received
4482461	MW101	Water	01-NOV-2022	02-NOV-2022

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

Parameter	Date Prepared	Date Analyzed	Initials
Dissolved Antimony	04-NOV-2022	04-NOV-2022	CC
Dissolved Arsenic	04-NOV-2022	04-NOV-2022	CC
Dissolved Barium	04-NOV-2022	04-NOV-2022	CC
Dissolved Beryllium	04-NOV-2022	04-NOV-2022	CC
Dissolved Boron	04-NOV-2022	04-NOV-2022	CC
Dissolved Cadmium	04-NOV-2022	04-NOV-2022	CC
Dissolved Chromium	04-NOV-2022	04-NOV-2022	CC
Dissolved Cobalt	04-NOV-2022	04-NOV-2022	CC
Dissolved Copper	04-NOV-2022	04-NOV-2022	CC
Dissolved Lead	04-NOV-2022	04-NOV-2022	CC
Dissolved Molybdenum	04-NOV-2022	04-NOV-2022	CC
Dissolved Nickel	04-NOV-2022	04-NOV-2022	CC
Dissolved Selenium	04-NOV-2022	04-NOV-2022	CC
Dissolved Silver	04-NOV-2022	04-NOV-2022	CC
Dissolved Thallium	04-NOV-2022	04-NOV-2022	CC
Dissolved Uranium	04-NOV-2022	04-NOV-2022	CC
Dissolved Vanadium	04-NOV-2022	04-NOV-2022	CC
Dissolved Zinc	04-NOV-2022	04-NOV-2022	CC
Mercury	07-NOV-2022	07-NOV-2022	DL
Chromium VI	03-NOV-2022	03-NOV-2022	CZ
Cyanide, WAD	09-NOV-2022	09-NOV-2022	BG
Dissolved Sodium	04-NOV-2022	04-NOV-2022	CC
Chloride	03-NOV-2022	03-NOV-2022	LC
Electrical Conductivity	04-NOV-2022	04-NOV-2022	ND
pH	04-NOV-2022	04-NOV-2022	ND

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

Parameter	Date Prepared	Date Analyzed	Initials
Naphthalene	08-NOV-2022	08-NOV-2022	SB
Acenaphthylene	08-NOV-2022	08-NOV-2022	SB
Acenaphthene	08-NOV-2022	08-NOV-2022	SB
Fluorene	08-NOV-2022	08-NOV-2022	SB
Phenanthrene	08-NOV-2022	08-NOV-2022	SB
Anthracene	08-NOV-2022	08-NOV-2022	SB
Fluoranthene	08-NOV-2022	08-NOV-2022	SB
Pyrene	08-NOV-2022	08-NOV-2022	SB
Benzo(a)anthracene	08-NOV-2022	08-NOV-2022	SB
Chrysene	08-NOV-2022	08-NOV-2022	SB
Benzo(b)fluoranthene	08-NOV-2022	08-NOV-2022	SB

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Time Markers

AGAT WORK ORDER: 22T965439
PROJECT: CT3639.00

CLIENT NAME: TERRAPEX ENVIRONMENTAL LIMITED

ATTENTION TO: Mike Deans

Sample ID	Sample Description	Sample Type	Date Sampled	Date Received
4482461	MW101	Water	01-NOV-2022	02-NOV-2022

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

Parameter	Date Prepared	Date Analyzed	Initials
Benzo(k)fluoranthene	08-NOV-2022	08-NOV-2022	SB
Benzo(a)pyrene	08-NOV-2022	08-NOV-2022	SB
Indeno(1,2,3-cd)pyrene	08-NOV-2022	08-NOV-2022	SB
Dibenz(a,h)anthracene	08-NOV-2022	08-NOV-2022	SB
Benzo(g,h,i)perylene	08-NOV-2022	08-NOV-2022	SB
2-and 1-methyl Naphthalene	08-NOV-2022	08-NOV-2022	SYS
Naphthalene-d8	08-NOV-2022	08-NOV-2022	SB
Acridine-d9	08-NOV-2022	08-NOV-2022	SB
Terphenyl-d14	08-NOV-2022	08-NOV-2022	SB
Sediment	08-NOV-2022	08-NOV-2022	EB

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

Parameter	Date Prepared	Date Analyzed	Initials
F1 (C6-C10)	04-NOV-2022	04-NOV-2022	AG
F1 (C6 to C10) minus BTEX	04-NOV-2022	04-NOV-2022	SYS
Toluene-d8	04-NOV-2022	04-NOV-2022	AG
F2 (C10 to C16)	08-NOV-2022	08-NOV-2022	CA
F2 (C10 to C16) minus Naphthalene	08-NOV-2022	08-NOV-2022	SYS
F3 (C16 to C34)	08-NOV-2022	08-NOV-2022	CA
F3 (C16 to C34) minus PAHs	08-NOV-2022	08-NOV-2022	SYS
F4 (C34 to C50)	08-NOV-2022	08-NOV-2022	CA
Gravimetric Heavy Hydrocarbons			
Terphenyl	08-NOV-2022	08-NOV-2022	CA
Sediment	08-NOV-2022	08-NOV-2022	EB

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

Parameter	Date Prepared	Date Analyzed	Initials
Dichlorodifluoromethane	04-NOV-2022	04-NOV-2022	AG
Vinyl Chloride	04-NOV-2022	04-NOV-2022	AG
Bromomethane	04-NOV-2022	04-NOV-2022	AG
Trichlorofluoromethane	04-NOV-2022	04-NOV-2022	AG
Acetone	04-NOV-2022	04-NOV-2022	AG
1,1-Dichloroethylene	04-NOV-2022	04-NOV-2022	AG
Methylene Chloride	04-NOV-2022	04-NOV-2022	AG
trans- 1,2-Dichloroethylene	04-NOV-2022	04-NOV-2022	AG
Methyl tert-butyl ether	04-NOV-2022	04-NOV-2022	AG
1,1-Dichloroethane	04-NOV-2022	04-NOV-2022	AG
Methyl Ethyl Ketone	04-NOV-2022	04-NOV-2022	AG
cis- 1,2-Dichloroethylene	04-NOV-2022	04-NOV-2022	AG

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CLIENT NAME: TERRAPEX ENVIRONMENTAL LIMITED

ATTENTION TO: Mike Deans

Sample ID	Sample Description	Sample Type	Date Sampled	Date Received
4482461	MW101	Water	01-NOV-2022	02-NOV-2022

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

Parameter	Date Prepared	Date Analyzed	Initials
Chloroform	04-NOV-2022	04-NOV-2022	AG
1,2-Dichloroethane	04-NOV-2022	04-NOV-2022	AG
1,1,1-Trichloroethane	04-NOV-2022	04-NOV-2022	AG
Carbon Tetrachloride	04-NOV-2022	04-NOV-2022	AG
Benzene	04-NOV-2022	04-NOV-2022	AG
1,2-Dichloropropane	04-NOV-2022	04-NOV-2022	AG
Trichloroethylene	04-NOV-2022	04-NOV-2022	AG
Bromodichloromethane	04-NOV-2022	04-NOV-2022	AG
Methyl Isobutyl Ketone	04-NOV-2022	04-NOV-2022	AG
1,1,2-Trichloroethane	04-NOV-2022	04-NOV-2022	AG
Toluene	04-NOV-2022	04-NOV-2022	AG
Dibromochloromethane	04-NOV-2022	04-NOV-2022	AG
Ethylene Dibromide	04-NOV-2022	04-NOV-2022	AG
Tetrachloroethylene	04-NOV-2022	04-NOV-2022	AG
1,1,1,2-Tetrachloroethane	04-NOV-2022	04-NOV-2022	AG
Chlorobenzene	04-NOV-2022	04-NOV-2022	AG
Ethylbenzene	04-NOV-2022	04-NOV-2022	AG
m & p-Xylene	04-NOV-2022	04-NOV-2022	AG
Bromoform	04-NOV-2022	04-NOV-2022	AG
Styrene	04-NOV-2022	04-NOV-2022	AG
1,1,2,2-Tetrachloroethane	04-NOV-2022	04-NOV-2022	AG
o-Xylene	04-NOV-2022	04-NOV-2022	AG
1,3-Dichlorobenzene	04-NOV-2022	04-NOV-2022	AG
1,4-Dichlorobenzene	04-NOV-2022	04-NOV-2022	AG
1,2-Dichlorobenzene	04-NOV-2022	04-NOV-2022	AG
1,3-Dichloropropene	04-NOV-2022	04-NOV-2022	SYS
Xylenes (Total)	04-NOV-2022	04-NOV-2022	SYS
n-Hexane	04-NOV-2022	04-NOV-2022	AG
Toluene-d8	04-NOV-2022	04-NOV-2022	AG
4-Bromofluorobenzene	04-NOV-2022	04-NOV-2022	AG

Sample ID	Sample Description	Sample Type	Date Sampled	Date Received
4482474	Trip Spike	Water	01-NOV-2022	02-NOV-2022

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

Parameter	Date Prepared	Date Analyzed	Initials
Dichlorodifluoromethane	04-NOV-2022	04-NOV-2022	AG
Vinyl Chloride	04-NOV-2022	04-NOV-2022	AG
Bromomethane	04-NOV-2022	04-NOV-2022	AG
Trichlorofluoromethane	04-NOV-2022	04-NOV-2022	AG

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CLIENT NAME: TERRAPEX ENVIRONMENTAL LIMITED

ATTENTION TO: Mike Deans

Sample ID	Sample Description	Sample Type	Date Sampled	Date Received
4482474	Trip Spike	Water	01-NOV-2022	02-NOV-2022

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

Parameter	Date Prepared	Date Analyzed	Initials
Acetone	04-NOV-2022	04-NOV-2022	AG
1,1-Dichloroethylene	04-NOV-2022	04-NOV-2022	AG
Methylene Chloride	04-NOV-2022	04-NOV-2022	AG
trans- 1,2-Dichloroethylene	04-NOV-2022	04-NOV-2022	AG
Methyl tert-butyl ether	04-NOV-2022	04-NOV-2022	AG
1,1-Dichloroethane	04-NOV-2022	04-NOV-2022	AG
Methyl Ethyl Ketone	04-NOV-2022	04-NOV-2022	AG
cis- 1,2-Dichloroethylene	04-NOV-2022	04-NOV-2022	AG
Chloroform	04-NOV-2022	04-NOV-2022	AG
1,2-Dichloroethane	04-NOV-2022	04-NOV-2022	AG
1,1,1-Trichloroethane	04-NOV-2022	04-NOV-2022	AG
Carbon Tetrachloride	04-NOV-2022	04-NOV-2022	AG
Benzene	04-NOV-2022	04-NOV-2022	AG
1,2-Dichloropropane	04-NOV-2022	04-NOV-2022	AG
Trichloroethylene	04-NOV-2022	04-NOV-2022	AG
Bromodichloromethane	04-NOV-2022	04-NOV-2022	AG
Methyl Isobutyl Ketone	04-NOV-2022	04-NOV-2022	AG
1,1,2-Trichloroethane	04-NOV-2022	04-NOV-2022	AG
Toluene	04-NOV-2022	04-NOV-2022	AG
Dibromochloromethane	04-NOV-2022	04-NOV-2022	AG
Ethylene Dibromide	04-NOV-2022	04-NOV-2022	AG
Tetrachloroethylene	04-NOV-2022	04-NOV-2022	AG
1,1,1,2-Tetrachloroethane	04-NOV-2022	04-NOV-2022	AG
Chlorobenzene	04-NOV-2022	04-NOV-2022	AG
Ethylbenzene	04-NOV-2022	04-NOV-2022	AG
m & p-Xylene	04-NOV-2022	04-NOV-2022	AG
Bromoform	04-NOV-2022	04-NOV-2022	AG
Styrene	04-NOV-2022	04-NOV-2022	AG
1,1,2,2-Tetrachloroethane	04-NOV-2022	04-NOV-2022	AG
o-Xylene	04-NOV-2022	04-NOV-2022	AG
1,3-Dichlorobenzene	04-NOV-2022	04-NOV-2022	AG
1,4-Dichlorobenzene	04-NOV-2022	04-NOV-2022	AG
1,2-Dichlorobenzene	04-NOV-2022	04-NOV-2022	AG
1,3-Dichloropropene	04-NOV-2022	04-NOV-2022	SYS
Xylenes (Total)	04-NOV-2022	04-NOV-2022	SYS
n-Hexane	04-NOV-2022	04-NOV-2022	AG
Toluene-d8	04-NOV-2022	04-NOV-2022	AG
4-Bromofluorobenzene	04-NOV-2022	04-NOV-2022	AG

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CLIENT NAME: TERRAPEX ENVIRONMENTAL LIMITED

ATTENTION TO: Mike Deans

Sample ID	Sample Description	Sample Type	Date Sampled	Date Received
4482475	Trip Blank	Water	01-NOV-2022	02-NOV-2022

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

Parameter	Date Prepared	Date Analyzed	Initials
Benzene	04-NOV-2022	04-NOV-2022	AG
Toluene	04-NOV-2022	04-NOV-2022	AG
Ethylbenzene	04-NOV-2022	04-NOV-2022	AG
m & p-Xylene	04-NOV-2022	04-NOV-2022	AG
o-Xylene	04-NOV-2022	04-NOV-2022	AG
Xylenes (Total)	04-NOV-2022	04-NOV-2022	SYS
F1 (C6-C10)	04-NOV-2022	04-NOV-2022	AG
F1 (C6 to C10) minus BTEX	04-NOV-2022	04-NOV-2022	SYS
Toluene-d8	04-NOV-2022	04-NOV-2022	AG

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

Parameter	Date Prepared	Date Analyzed	Initials
Dichlorodifluoromethane	04-NOV-2022	04-NOV-2022	AG
Vinyl Chloride	04-NOV-2022	04-NOV-2022	AG
Bromomethane	04-NOV-2022	04-NOV-2022	AG
Trichlorofluoromethane	04-NOV-2022	04-NOV-2022	AG
Acetone	04-NOV-2022	04-NOV-2022	AG
1,1-Dichloroethylene	04-NOV-2022	04-NOV-2022	AG
Methylene Chloride	04-NOV-2022	04-NOV-2022	AG
trans- 1,2-Dichloroethylene	04-NOV-2022	04-NOV-2022	AG
Methyl tert-butyl ether	04-NOV-2022	04-NOV-2022	AG
1,1-Dichloroethane	04-NOV-2022	04-NOV-2022	AG
Methyl Ethyl Ketone	04-NOV-2022	04-NOV-2022	AG
cis- 1,2-Dichloroethylene	04-NOV-2022	04-NOV-2022	AG
Chloroform	04-NOV-2022	04-NOV-2022	AG
1,2-Dichloroethane	04-NOV-2022	04-NOV-2022	AG
1,1,1-Trichloroethane	04-NOV-2022	04-NOV-2022	AG
Carbon Tetrachloride	04-NOV-2022	04-NOV-2022	AG
Benzene	04-NOV-2022	04-NOV-2022	AG
1,2-Dichloropropane	04-NOV-2022	04-NOV-2022	AG
Trichloroethylene	04-NOV-2022	04-NOV-2022	AG
Bromodichloromethane	04-NOV-2022	04-NOV-2022	AG
Methyl Isobutyl Ketone	04-NOV-2022	04-NOV-2022	AG
1,1,2-Trichloroethane	04-NOV-2022	04-NOV-2022	AG
Toluene	04-NOV-2022	04-NOV-2022	AG
Dibromochloromethane	04-NOV-2022	04-NOV-2022	AG
Ethylene Dibromide	04-NOV-2022	04-NOV-2022	AG
Tetrachloroethylene	04-NOV-2022	04-NOV-2022	AG
1,1,1,2-Tetrachloroethane	04-NOV-2022	04-NOV-2022	AG

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Time Markers

AGAT WORK ORDER: 22T965439
PROJECT: CT3639.00

CLIENT NAME: TERRAPEX ENVIRONMENTAL LIMITED

ATTENTION TO: Mike Deans

Sample ID	Sample Description	Sample Type	Date Sampled	Date Received
4482475	Trip Blank	Water	01-NOV-2022	02-NOV-2022

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

Parameter	Date Prepared	Date Analyzed	Initials
Chlorobenzene	04-NOV-2022	04-NOV-2022	AG
Ethylbenzene	04-NOV-2022	04-NOV-2022	AG
m & p-Xylene	04-NOV-2022	04-NOV-2022	AG
Bromoform	04-NOV-2022	04-NOV-2022	AG
Styrene	04-NOV-2022	04-NOV-2022	AG
1,1,2,2-Tetrachloroethane	04-NOV-2022	04-NOV-2022	AG
o-Xylene	04-NOV-2022	04-NOV-2022	AG
1,3-Dichlorobenzene	04-NOV-2022	04-NOV-2022	AG
1,4-Dichlorobenzene	04-NOV-2022	04-NOV-2022	AG
1,2-Dichlorobenzene	04-NOV-2022	04-NOV-2022	AG
1,3-Dichloropropene	04-NOV-2022	04-NOV-2022	SYS
Xylenes (Total)	04-NOV-2022	04-NOV-2022	SYS
n-Hexane	04-NOV-2022	04-NOV-2022	AG
Toluene-d8	04-NOV-2022	04-NOV-2022	AG
4-Bromofluorobenzene	04-NOV-2022	04-NOV-2022	AG

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Method Summary

CLIENT NAME: TERRAPEX ENVIRONMENTAL LIMITED

AGAT WORK ORDER: 22T965439

PROJECT: CT3639.00

ATTENTION TO: Mike Deans

SAMPLING SITE:2636 Eglinton Avenue West, Toronto

SAMPLED BY:Wahida N/Edward Lai

PARAMETER	AGAT S.O.P	LITERATURE REFERENCE	ANALYTICAL TECHNIQUE
Trace Organics Analysis			
Naphthalene	ORG-91-5105	modified from EPA 3510C and EPA 8270E	GC/MS
Acenaphthylene	ORG-91-5105	modified from EPA 3510C and EPA 8270E	GC/MS
Acenaphthene	ORG-91-5105	modified from EPA 3510C and EPA 8270E	GC/MS
Fluorene	ORG-91-5105	modified from EPA 3510C and EPA 8270E	GC/MS
Phenanthrene	ORG-91-5105	modified from EPA 3510C and EPA 8270E	GC/MS
Anthracene	ORG-91-5105	modified from EPA 3510C and EPA 8270E	GC/MS
Fluoranthene	ORG-91-5105	modified from EPA 3510C and EPA 8270E	GC/MS
Pyrene	ORG-91-5105	modified from EPA 3510C and EPA 8270E	GC/MS
Benzo(a)anthracene	ORG-91-5105	modified from EPA 3510C and EPA 8270E	GC/MS
Chrysene	ORG-91-5105	modified from EPA 3510C and EPA 8270E	GC/MS
Benzo(b)fluoranthene	ORG-91-5105	modified from EPA 3510C and EPA 8270E	GC/MS
Benzo(k)fluoranthene	ORG-91-5105	modified from EPA 3510C and EPA 8270E	GC/MS
Benzo(a)pyrene	ORG-91-5105	modified from EPA 3510C and EPA 8270E	GC/MS
Indeno(1,2,3-cd)pyrene	ORG-91-5105	modified from EPA 3510C and EPA 8270E	GC/MS
Dibenz(a,h)anthracene	ORG-91-5105	modified from EPA 3510C and EPA 8270E	GC/MS
Benzo(g,h,i)perylene	ORG-91-5105	modified from EPA 3510C and EPA 8270E	GC/MS
2-and 1-methyl Naphthalene	ORG-91-5105	modified from EPA 3510C and EPA 8270E	GC/MS
Naphthalene-d8	ORG-91-5105	modified from EPA 3510C and EPA 8270E	GC/MS
Acridine-d9	ORG-91-5105	modified from EPA 3510C and EPA 8270E	GC/MS
Terphenyl-d14	ORG-91-5105	modified from EPA 3510C and EPA 8270E	GC/MS
Sediment			N/A
F1 (C6-C10)	VOL-91-5010	modified from MOE PHC-E3421	(P&T)GC/FID
F1 (C6 to C10) minus BTEX	VOL-91-5010	modified from MOE PHC-E3421	P&T GC/FID
Toluene-d8	VOL-91- 5001	modified from EPA 5030B & EPA 8260D	(P&T)GC/MS
F2 (C10 to C16)	VOL-91-5010	modified from MOE PHC-E3421	GC/FID
F2 (C10 to C16) minus Naphthalene	VOL-91-5010	modified from MOE PHC-E3421	GC/FID
F3 (C16 to C34)	VOL-91-5010	modified from MOE PHC-E3421	GC/FID
F3 (C16 to C34) minus PAHs	VOL-91-5010	modified from MOE PHC-E3421	GC/FID
F4 (C34 to C50)	VOL-91-5010	modified from MOE PHC-E3421	GC/FID
Gravimetric Heavy Hydrocarbons	VOL-91-5010	modified from MOE PHC-E3421	BALANCE
Terphenyl	VOL-91-5010	modified from MOE PHC-E3421	GC/FID
Benzene	VOL-91-5010	modified from EPA SW-846 5030C & 8260D	(P&T)GC/MS

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Method Summary

CLIENT NAME: TERRAPEX ENVIRONMENTAL LIMITED

AGAT WORK ORDER: 22T965439

PROJECT: CT3639.00

ATTENTION TO: Mike Deans

SAMPLING SITE:2636 Eglinton Avenue West, Toronto

SAMPLED BY:Wahida N/Edward Lai

PARAMETER	AGAT S.O.P	LITERATURE REFERENCE	ANALYTICAL TECHNIQUE
Toluene	VOL-91-5010	modified from EPA SW-846 5030C & 8260D	(P&T)GC/MS
Ethylbenzene	VOL-91-5010	modified from EPA SW-846 5030C & 8260D	(P&T)GC/MS
m & p-Xylene	VOL-91-5010	modified from EPA SW-846 5030C & 8260D	(P&T)GC/MS
o-Xylene	VOL-91-5010	modified from EPA SW-846 5030C & 8260D	(P&T)GC/MS
Xylenes (Total)	VOL-91-5010	modified from EPA SW-846 5030C & 8260D	(P&T)GC/MS
F1 (C6-C10)	VOL-91-5010	modified from MOE E3421	(P&T)GC/FID
F1 (C6 to C10) minus BTEX	VOL-91-5010	modified from MOE E3421	(P&T)GC/FID
Toluene-d8	VOL-91-5010	modified from MOE PHC-E3421	(P&T)GC/MS
Dichlorodifluoromethane	VOL-91-5001	modified from EPA 5030B & EPA 8260D	(P&T)GC/MS
Vinyl Chloride	VOL-91-5001	modified from EPA 5030B & EPA 8260D	(P&T)GC/MS
Bromomethane	VOL-91-5001	modified from EPA 5030B & EPA 8260D	(P&T)GC/MS
Trichlorofluoromethane	VOL-91-5001	modified from EPA 5030B & EPA 8260D	(P&T)GC/MS
Acetone	VOL-91-5001	modified from EPA 5030B & EPA 8260D	(P&T)GC/MS
1,1-Dichloroethylene	VOL-91-5001	modified from EPA 5030B & EPA 8260D	(P&T)GC/MS
Methylene Chloride	VOL-91-5001	modified from EPA 5030B & EPA 8260D	(P&T)GC/MS
trans- 1,2-Dichloroethylene	VOL-91-5001	modified from EPA 5030B & EPA 8260D	(P&T)GC/MS
Methyl tert-butyl ether	VOL-91-5001	modified from EPA 5030B & EPA 8260D	(P&T)GC/MS
1,1-Dichloroethane	VOL-91-5001	modified from EPA 5030B & EPA 8260D	(P&T)GC/MS
Methyl Ethyl Ketone	VOL-91-5001	modified from EPA 5030B & EPA 8260D	(P&T)GC/MS
cis- 1,2-Dichloroethylene	VOL-91-5001	modified from EPA 5030B & EPA 8260D	(P&T)GC/MS
Chloroform	VOL-91-5001	modified from EPA 5030B & EPA 8260D	(P&T)GC/MS
1,2-Dichloroethane	VOL-91-5001	modified from EPA 5030B & EPA 8260D	(P&T)GC/MS
1,1,1-Trichloroethane	VOL-91-5001	modified from EPA 5030B & EPA 8260D	(P&T)GC/MS
Carbon Tetrachloride	VOL-91-5001	modified from EPA 5030B & EPA 8260D	(P&T)GC/MS
Benzene	VOL-91-5001	modified from EPA 5030B & EPA 8260D	(P&T)GC/MS
1,2-Dichloropropane	VOL-91-5001	modified from EPA 5030B & EPA 8260D	(P&T)GC/MS
Trichloroethylene	VOL-91-5001	modified from EPA 5030B & EPA 8260D	(P&T)GC/MS
Bromodichloromethane	VOL-91-5001	modified from EPA 5030B & EPA 8260D	(P&T)GC/MS
Methyl Isobutyl Ketone	VOL-91-5001	modified from EPA 5030B & EPA 8260D	(P&T)GC/MS

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Method Summary

CLIENT NAME: TERRAPEX ENVIRONMENTAL LIMITED

AGAT WORK ORDER: 22T965439

PROJECT: CT3639.00

ATTENTION TO: Mike Deans

SAMPLING SITE:2636 Eglinton Avenue West, Toronto

SAMPLED BY:Wahida N/Edward Lai

PARAMETER	AGAT S.O.P	LITERATURE REFERENCE	ANALYTICAL TECHNIQUE
1,1,2-Trichloroethane	VOL-91-5001	modified from EPA 5030B & EPA 8260D	(P&T)GC/MS
Toluene	VOL-91-5001	modified from EPA 5030B & EPA 8260D	(P&T)GC/MS
Dibromochloromethane	VOL-91-5001	modified from EPA 5030B & EPA 8260D	(P&T)GC/MS
Ethylene Dibromide	VOL-91-5001	modified from EPA 5030B & EPA 8260D	(P&T)GC/MS
Tetrachloroethylene	VOL-91-5001	modified from EPA 5030B & EPA 8260D	(P&T)GC/MS
1,1,1,2-Tetrachloroethane	VOL-91-5001	modified from EPA 5030B & EPA 8260D	(P&T)GC/MS
Chlorobenzene	VOL-91-5001	modified from EPA 5030B & EPA 8260D	(P&T)GC/MS
Ethylbenzene	VOL-91-5001	modified from EPA 5030B & EPA 8260D	(P&T)GC/MS
m & p-Xylene	VOL-91-5001	modified from EPA 5030B & EPA 8260D	(P&T)GC/MS
Bromoform	VOL-91-5001	modified from EPA 5030B & EPA 8260D	(P&T)GC/MS
Styrene	VOL-91-5001	modified from EPA 5030B & EPA 8260D	(P&T)GC/MS
1,1,2,2-Tetrachloroethane	VOL-91-5001	modified from EPA 5030B & EPA 8260D	(P&T)GC/MS
o-Xylene	VOL-91-5001	modified from EPA 5030B & EPA 8260D	(P&T)GC/MS
1,3-Dichlorobenzene	VOL-91-5001	modified from EPA 5030B & EPA 8260D	(P&T)GC/MS
1,4-Dichlorobenzene	VOL-91-5001	modified from EPA 5030B & EPA 8260D	(P&T)GC/MS
1,2-Dichlorobenzene	VOL-91-5001	modified from EPA 5030B & EPA 8260D	(P&T)GC/MS
1,3-Dichloropropene	VOL-91-5001	modified from EPA 5030B & EPA 8260D	(P&T)GC/MS
Xylenes (Total)	VOL-91-5001	modified from EPA 5030B & EPA 8260D	(P&T)GC/MS
n-Hexane	VOL-91-5001	modified from EPA 5030B & EPA 8260D	(P&T)GC/MS
Toluene-d8	VOL-91-5001	modified from EPA 5030B & EPA 8260D	(P&T)GC/MS
4-Bromofluorobenzene	VOL-91-5001	modified from EPA 5030B & EPA 8260D	(P&T)GC/MS

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Method Summary

CLIENT NAME: TERRAPEX ENVIRONMENTAL LIMITED

AGAT WORK ORDER: 22T965439

PROJECT: CT3639.00

ATTENTION TO: Mike Deans

SAMPLING SITE:2636 Eglinton Avenue West, Toronto

SAMPLED BY:Wahida N/Edward Lai

PARAMETER	AGAT S.O.P	LITERATURE REFERENCE	ANALYTICAL TECHNIQUE
Water Analysis			
Dissolved Antimony	MET-93-6103	modified from EPA 200.8 and EPA 3005A	ICP-MS
Dissolved Arsenic	MET-93-6103	modified from EPA 200.8 and EPA 3005A	ICP-MS
Dissolved Barium	MET-93-6103	modified from EPA 200.8 and EPA 3005A	ICP-MS
Dissolved Beryllium	MET-93-6103	modified from EPA 200.8 and EPA 3005A	ICP-MS
Dissolved Boron	MET-93-6103	modified from EPA 200.8 and EPA 3005A	ICP-MS
Dissolved Cadmium	MET-93-6103	modified from EPA 200.8 and EPA 3005A	ICP-MS
Dissolved Chromium	MET-93-6103	modified from EPA 200.8 and EPA 3005A	ICP-MS
Dissolved Cobalt	MET-93-6103	modified from EPA 200.8 and EPA 3005A	ICP-MS
Dissolved Copper	MET-93-6103	modified from EPA 200.8 and EPA 3005A	ICP-MS
Dissolved Lead	MET-93-6103	modified from EPA 200.8 and EPA 3005A	ICP-MS
Dissolved Molybdenum	MET-93-6103	modified from EPA 200.8 and EPA 3005A	ICP-MS
Dissolved Nickel	MET-93-6103	modified from EPA 200.8 and EPA 3005A	ICP-MS
Dissolved Selenium	MET-93-6103	modified from EPA 200.8 and EPA 3005A	ICP-MS
Dissolved Silver	MET-93-6103	modified from EPA 200.8 and EPA 3005A	ICP-MS
Dissolved Thallium	MET-93-6103	modified from EPA 200.8 and EPA 3005A	ICP-MS
Dissolved Uranium	MET-93-6103	modified from EPA 200.8 and EPA 3005A	ICP-MS
Dissolved Vanadium	MET-93-6103	modified from EPA 200.8 and EPA 3005A	ICP-MS
Dissolved Zinc	MET-93-6103	modified from EPA 200.8 and EPA 3005A	ICP-MS
Mercury	MET-93-6100	modified from EPA 245.2 and SM 3112 B	CVAAS
Chromium VI	INOR-93-6073	modified from SM 3500-CR B	LACHAT FIA
Cyanide, WAD	INOR-93-6052	modified from ON MOECC E3015, SM 4500-CN- I, G-387	TECHNICON AUTO ANALYZER
Dissolved Sodium	MET-93-6103	modified from EPA 200.8 and EPA 3005A	ICP/MS
Chloride	INOR-93-6004	modified from SM 4110 B	ION CHROMATOGRAPH
Electrical Conductivity	INOR-93-6000	SM 2510 B	PC TITRATE
pH	INOR-93-6000	modified from SM 4500-H+ B	PC TITRATE

AGAT Laboratories

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Mississauga, Ontario L4Z 1Y2
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Chain of Custody Record

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

Laboratory Use Only

Work Order #: 22T965439

Cooler Quantity: Mod

Arrival Temperatures: 2.8 | 5.5 | 3.9

Custody Seal Intact: ☐Yes ☐No ☐N/A

Notes: Loose Ice

Report Information:

Company: Terrapex Environmental Ltd
Contact: Mike Deans
Address: 90 Scarsdale Road
Toronto, ON M3B 2R7
Phone: 416-245-0011 Fax:
Reports to be sent to:
1. Email: Michael Deans <m.deans@terrapex.com>
2. Email:

Regulatory Requirements:

☐ No Regulatory Requirement

(Please check all applicable boxes)

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

☐ Sewer Use
☐ Sanitary
☐ Storm
Region ____ (Indicate One)
☐ MISA

☐ Regulation 558
☐ CCME
☐ Prov. Water Quality Objectives (PWQO)
☐ Other
____ (Indicate One)

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

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

Turnaround Time (TAT) Required:

Regular TAT ☑ 5 to 7 Business Days

Rush TAT (Rush Surcharges Apply)

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

OR Date Required (Rush Surcharges May Apply):

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

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

Project Information:

Project: CT3639.00
Site Location: 2636 Eglinton Avenue West, Toronto
Sampled By: Wahida N / Edward Cui
AGAT Quote #: Terrapex PO:
Please note: If quotation number is not provided, client will be billed full price for analysis.

Invoice Information:

Bill To Same: Yes ☑ No ☐

Company:
Contact:
Address:
Email:

Sample Matrix Legend

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

Sample Identification	Date Sampled	Time Sampled	# of Containers	Sample Matrix	Comments/ Special Instructions	Y / N
MW101	Nov 1/22	8:50am	16	GW	trace sediment - analysis as is	Y
Trip Spike	Oct 27/22	-	3	GW		N
Trip Blank	Oct 27/22	-	3	GW		N

Field Filtered - Metals, Hg, CrVI	O. Reg 153: Metals and Inorganics	O. Reg 153: All Metals / 153 Metals (excl. Hydrides) / Hydride Metals / 153 Metals (incl. Hydrides)	O. Reg 153: ORPs: B-HWS, Cr, CN, Cr6+, EC, FOC, Hg, pH, SAR	Full Metals Scan	Regulation/Custom Metals	Nutrients: TP, NH3, TKN, NO3, NO2, NO3+NO2	Volatiles: VOC + STEX, THM	PHCs F1 - F4	ABNs	PAHs	PCBs: Total, Aroclors	Organochlorine Pesticides	TCLP: M&I, VOCs, ABNs, B(a)P, PCBs	Sewer Use							Potentially Hazardous or High Concentration (Y/N)
	X						X	X		X					PHC F1						
							X								X						
							X								X						

Samples Relinquished By (Print Name and Sign): Wahida Noshreen / Wahida	Date: Nov 1, 22	Time: 10:00	Samples Received By (Print Name and Sign): Amber D.	Date: Nov 2	Time: 4pm		
Samples Relinquished By (Print Name and Sign): Michael Deans / MD	Date: Nov 2, 22	Time: 10:00Am	Samples Received By (Print Name and Sign):	Date: 1/22	Time:	Page 1 of 1	
Samples Relinquished By (Print Name and Sign):	Date:	Time:	Samples Received By (Print Name and Sign):	Date:	Time:	N°:	

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CLIENT NAME: TERRAPEX ENVIRONMENTAL LIMITED
90 SCARSDALE RD
TORONTO, ON M3B2R7
(905) 474-5265

ATTENTION TO: Mike Deans

PROJECT: CT3639.00

AGAT WORK ORDER: 22T972486

SOIL ANALYSIS REVIEWED BY: Amanjot Bhela, Inorganic Lab Manager

TRACE ORGANICS REVIEWED BY: Radhika Chakraberty, Trace Organics Lab Manager

DATE REPORTED: Dec 19, 2022

PAGES (INCLUDING COVER): 35

VERSION*: 1

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

*Notes

Disclaimer:

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

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Certificate of Analysis

AGAT WORK ORDER: 22T972486

PROJECT: CT3639.00

CLIENT NAME: TERRAPEX ENVIRONMENTAL LIMITED

ATTENTION TO: Mike Deans

SAMPLING SITE:2654 Eglinton Ave W, Toronto

SAMPLED BY:Tal Litmanovitch

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

DATE RECEIVED: 2022-11-22

DATE REPORTED: 2022-12-19

SAMPLE DESCRIPTION:				MW 201-2	MW 201-5	MW 1000	MW 202-2	MW 202-4
SAMPLE TYPE:				Soil	Soil	Soil	Soil	Soil
DATE SAMPLED:				2022-11-17 21:55	2022-11-17 22:30	2022-11-17 22:30	2022-11-18 00:45	2022-11-18 01:15
Parameter	Unit	G / S	RDL	4548493	4548499	4548501	4548517	4548523
Antimony	µg/g		0.8	<0.8	<0.8	<0.8	<0.8	<0.8
Arsenic	µg/g		1	3	3	3	2	2
Barium	µg/g		2.0	76.2	60.7	58.6	29.5	30.2
Beryllium	µg/g		0.4	<0.4	0.4	<0.4	<0.4	<0.4
Boron	µg/g		5	<5	<5	<5	<5	<5
Boron (Hot Water Soluble)	µg/g		0.10	0.65	0.22	0.23	0.21	0.31
Cadmium	µg/g		0.5	<0.5	<0.5	<0.5	<0.5	<0.5
Chromium	µg/g		5	15	18	18	10	11
Cobalt	µg/g		0.5	6.6	7.8	8.2	4.7	5.2
Copper	µg/g		1.0	12.7	16.3	15.3	6.4	9.5
Lead	µg/g		1	25	7	7	5	4
Molybdenum	µg/g		0.5	<0.5	<0.5	<0.5	<0.5	<0.5
Nickel	µg/g		1	12	15	15	8	9
Selenium	µg/g		0.8	<0.8	<0.8	<0.8	<0.8	<0.8
Silver	µg/g		0.5	<0.5	<0.5	<0.5	<0.5	<0.5
Thallium	µg/g		0.5	<0.5	<0.5	<0.5	<0.5	<0.5
Uranium	µg/g		0.50	0.52	0.63	0.56	<0.50	0.50
Vanadium	µg/g		0.4	24.3	27.7	29.2	20.9	20.4
Zinc	µg/g		5	46	41	37	18	23
Chromium, Hexavalent	µg/g		0.2	<0.2	<0.2	<0.2	<0.2	<0.2
Cyanide, WAD	µg/g		0.040	<0.040	<0.040	<0.040	<0.040	<0.040
Mercury	µg/g		0.10	<0.10	<0.10	<0.10	<0.10	<0.10
Electrical Conductivity (2:1)	mS/cm		0.005	3.42	0.652	0.586	0.719	1.93
Sodium Adsorption Ratio (2:1) (Calc.)	N/A		N/A	0.316	1.39	1.28	11.2	5.51
pH, 2:1 CaCl2 Extraction	pH Units		NA	7.76	7.75	7.77	7.72	7.49

Certified By:

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Certificate of Analysis

AGAT WORK ORDER: 22T972486
PROJECT: CT3639.00

CLIENT NAME: TERRAPEX ENVIRONMENTAL LIMITED
ATTENTION TO: Mike Deans
SAMPLING SITE:2654 Eglinton Ave W, Toronto
SAMPLED BY:Tal Litmanovitch

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

DATE RECEIVED: 2022-11-22
DATE REPORTED: 2022-12-19

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

4548493-4548523 EC was determined on the DI water extract obtained from the 2:1 leaching procedure (2 parts DI water:1 part soil). pH was determined on the 0.01M CaCl2 extract prepared at 2:1 ratio. SAR is a calculated parameter.

Analysis performed at AGAT Toronto (unless marked by *)

Certified By:

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AGAT WORK ORDER: 22T972486
PROJECT: CT3639.00

CLIENT NAME: TERRAPEX ENVIRONMENTAL LIMITED
SAMPLING SITE:2654 Eglinton Ave W, Toronto

ATTENTION TO: Mike Deans
SAMPLED BY:Tal Litmanovitch

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

DATE RECEIVED: 2022-11-22

DATE REPORTED: 2022-12-19

				SAMPLE DESCRIPTION:	MW 201-2	MW 201-5	MW 1000	MW 202-2	MW 202-4
				SAMPLE TYPE:	Soil	Soil	Soil	Soil	Soil
				DATE SAMPLED:	2022-11-17 21:55	2022-11-17 22:30	2022-11-17 22:30	2022-11-18 00:45	2022-11-18 01:15
Parameter	Unit	G / S	RDL		4548493	4548499	4548501	4548517	4548523
Naphthalene	µg/g		0.05		<0.05	<0.05	<0.05	<0.05	<0.05
Acenaphthylene	µg/g		0.05		<0.05	<0.05	<0.05	<0.05	<0.05
Acenaphthene	µg/g		0.05		<0.05	<0.05	<0.05	<0.05	<0.05
Fluorene	µg/g		0.05		<0.05	<0.05	<0.05	<0.05	<0.05
Phenanthrene	µg/g		0.05		<0.05	<0.05	<0.05	<0.05	<0.05
Anthracene	µg/g		0.05		<0.05	<0.05	<0.05	<0.05	<0.05
Fluoranthene	µg/g		0.05		0.07	<0.05	<0.05	<0.05	<0.05
Pyrene	µg/g		0.05		0.06	<0.05	<0.05	<0.05	<0.05
Benz(a)anthracene	µg/g		0.05		<0.05	<0.05	<0.05	<0.05	<0.05
Chrysene	µg/g		0.05		<0.05	<0.05	<0.05	<0.05	<0.05
Benzo(b)fluoranthene	µg/g		0.05		<0.05	<0.05	<0.05	<0.05	<0.05
Benzo(k)fluoranthene	µg/g		0.05		<0.05	<0.05	<0.05	<0.05	<0.05
Benzo(a)pyrene	µg/g		0.05		<0.05	<0.05	<0.05	<0.05	<0.05
Indeno(1,2,3-cd)pyrene	µg/g		0.05		<0.05	<0.05	<0.05	<0.05	<0.05
Dibenz(a,h)anthracene	µg/g		0.05		<0.05	<0.05	<0.05	<0.05	<0.05
Benzo(g,h,i)perylene	µg/g		0.05		<0.05	<0.05	<0.05	<0.05	<0.05
1 and 2 Methlynaphthalene	µg/g		0.05		<0.05	<0.05	<0.05	<0.05	<0.05
Moisture Content	%		0.1		12.8	15.9	16.8	16.5	14.5
Surrogate	Unit	Acceptable Limits							
Naphthalene-d8	%	50-140			75	75	75	95	85
Acridine-d9	%	50-140			95	100	95	110	115
Terphenyl-d14	%	50-140			110	70	90	105	105

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

4548493-4548523 Results are based on the dry weight of the soil.
Note: The result for Benzo(b)Fluoranthene is the total of the Benzo(b)&j)Fluoranthene isomers because the isomers co-elute on the GC column.
2- and 1-Methyl Naphthalene is a calculated parameter. The calculated value is the sum of 2-Methyl Naphthalene and 1-Methyl Naphthalene.

Analysis performed at AGAT Toronto (unless marked by *)

Certified By: R. Chakraberty

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Certificate of Analysis

AGAT WORK ORDER: 22T972486
PROJECT: CT3639.00

CLIENT NAME: TERRAPEX ENVIRONMENTAL LIMITED
SAMPLING SITE:2654 Eglinton Ave W, Toronto

ATTENTION TO: Mike Deans
SAMPLED BY:Tal Litmanovitch

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

DATE RECEIVED: 2022-11-22

DATE REPORTED: 2022-12-19

				SAMPLE DESCRIPTION:	MW 201-2	MW 202-2
				SAMPLE TYPE:	Soil	Soil
				DATE SAMPLED:	2022-11-17 21:55	2022-11-18 00:45
Parameter	Unit	G / S	RDL		4548493	4548517
F1 (C6 - C10)	µg/g		5		<5	<5
F1 (C6 to C10) minus BTEX	µg/g		5		<5	<5
F2 (C10 to C16)	µg/g		10		<10	<10
F2 (C10 to C16) minus Naphthalene	µg/g		10		<10	<10
F3 (C16 to C34)	µg/g		50		<50	<50
F3 (C16 to C34) minus PAHs	µg/g		50		<50	<50
F4 (C34 to C50)	µg/g		50		<50	<50
Gravimetric Heavy Hydrocarbons	µg/g		50		NA	NA
Moisture Content	%		0.1		12.8	16.5
Surrogate	Unit	Acceptable Limits				
Toluene-d8	%	50-140			96	93
Terphenyl	%	60-140			73	82

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

4548493-4548517 Results are based on sample dry weight.
The C6-C10 fraction is calculated using toluene response factor.
C6–C10 (F1 minus BTEX) is a calculated parameter. The calculated value is F1 minus BTEX. The calculated parameter is non-accredited. The parameters that are components of the calculation are accredited.
The C10 - C16, C16 - C34, and C34 - C50 fractions are calculated using the average response factor for n-C10, n-C16, and n-C34.
Gravimetric Heavy Hydrocarbons are not included in the Total C16-C50 and are only determined if the chromatogram of the C34 - C50 hydrocarbons indicates that hydrocarbons >C50 are present.
The chromatogram has returned to baseline by the retention time of nC50.
Total C6 - C50 results are corrected for BTEX and PAH contributions.
C>10 – C16 (F2- Naphthalene) is a calculated parameter. The calculated value is F2 - Naphthalene.
C>16 - C34 (F3-PAH) is a calculated parameter. The calculated value is F3-PAH (PAH: sum of Phenanthrene, Benzo(a)anthracene, Benzo(b)fluoranthene, Benzo(k)fluoranthene, Benzo(a)pyrene, Fluoranthene, Dibenzo(a,h)anthracene, Indeno(1,2,3-c,d)pyrene and Pyrene).
This method complies with the Reference Method for the CWS PHC and is validated for use in the laboratory.
nC10, nC16 and nC34 response factors are within 10% of their average.
C50 response factor is within 70% of nC10 + nC16 + nC34 average.
Linearity is within 15%.
Extraction and holding times were met for this sample.

Analysis performed at AGAT Toronto (unless marked by *)

Certified By: R. Chakraberty

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Certificate of Analysis

AGAT WORK ORDER: 22T972486
PROJECT: CT3639.00

CLIENT NAME: TERRAPEX ENVIRONMENTAL LIMITED
SAMPLING SITE:2654 Eglinton Ave W, Toronto

ATTENTION TO: Mike Deans
SAMPLED BY:Tal Litmanovitch

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

DATE RECEIVED: 2022-11-22

DATE REPORTED: 2022-12-19

				SAMPLE DESCRIPTION:	MW 201-6	MW 202-6	MW 3000
				SAMPLE TYPE:	Soil	Soil	Soil
				DATE SAMPLED:	2022-11-17 22:45	2022-11-18 01:45	2022-11-18 01:45
Parameter	Unit	G / S	RDL		4548509	4548526	4548528
F1 (C6 - C10)	µg/g		5		<5	<5	<5
F1 (C6 to C10) minus BTEX	µg/g		5		<5	<5	<5
F2 (C10 to C16)	µg/g		10		<10	<10	<10
F3 (C16 to C34)	µg/g		50		<50	<50	<50
F4 (C34 to C50)	µg/g		50		<50	<50	<50
Gravimetric Heavy Hydrocarbons	µg/g		50		NA	NA	NA
Moisture Content	%		0.1		16.7	13.4	10.2
Surrogate	Unit	Acceptable Limits					
Toluene-d8	%	50-140			97	95	95
Terphenyl	%	60-140			101	96	89

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

4548509-4548528 Results are based on sample dry weight.
The C6-C10 fraction is calculated using toluene response factor.
C6–C10 (F1 minus BTEX) is a calculated parameter. The calculated value is F1 minus BTEX. The calculated parameter is non-accredited. The parameters that are components of the calculation are accredited.
The C10 - C16, C16 - C34, and C34 - C50 fractions are calculated using the average response factor for n-C10, n-C16, and n-C34.
Gravimetric Heavy Hydrocarbons are not included in the Total C16-C50 and are only determined if the chromatogram of the C34 - C50 hydrocarbons indicates that hydrocarbons >C50 are present.
The chromatogram has returned to baseline by the retention time of nC50.
Total C6 - C50 results are corrected for BTEX contribution.
This method complies with the Reference Method for the CWS PHC and is validated for use in the laboratory.
nC6 and nC10 response factors are within 30% of Toluene response factor.
nC10, nC16 and nC34 response factors are within 10% of their average.
C50 response factor is within 70% of nC10 + nC16 + nC34 average.
Linearity is within 15%.
Extraction and holding times were met for this sample.
Fractions 1-4 are quantified without the contribution of PAHs. Under Ontario Regulation 153, results are considered valid without determining the PAH contribution if not requested by the client.

Analysis performed at AGAT Toronto (unless marked by *)

Certified By: R. Chakraberty

AGAT Laboratories

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Certificate of Analysis

AGAT WORK ORDER: 22T972486
PROJECT: CT3639.00

CLIENT NAME: TERRAPEX ENVIRONMENTAL LIMITED
SAMPLING SITE:2654 Eglinton Ave W, Toronto

ATTENTION TO: Mike Deans
SAMPLED BY:Tal Litmanovitch

O. Reg. 153(511) - VOCs (MEOH)

DATE RECEIVED: 2022-11-22

DATE REPORTED: 2022-12-19

				SAMPLE DESCRIPTION:	MW 200
				SAMPLE TYPE:	MeOH
				DATE SAMPLED:	2022-11-18 01:00
Parameter	Unit	G / S	RDL		4548532
Dichlorodifluoromethane	µg/g		0.05		<0.05
Vinyl Chloride	ug/g		0.02		<0.02
Bromomethane	ug/g		0.05		<0.05
Trichlorofluoromethane	ug/g		0.05		<0.05
Acetone	ug/g		0.50		<0.50
1,1-Dichloroethylene	ug/g		0.05		<0.05
Methylene Chloride	ug/g		0.05		<0.05
Trans- 1,2-Dichloroethylene	ug/g		0.05		<0.05
Methyl tert-butyl Ether	ug/g		0.05		<0.05
1,1-Dichloroethane	ug/g		0.02		<0.02
Methyl Ethyl Ketone	ug/g		0.50		<0.50
Cis- 1,2-Dichloroethylene	ug/g		0.02		<0.02
Chloroform	ug/g		0.04		<0.04
1,2-Dichloroethane	ug/g		0.03		<0.03
1,1,1-Trichloroethane	ug/g		0.05		<0.05
Carbon Tetrachloride	ug/g		0.05		<0.05
Benzene	ug/g		0.02		<0.02
1,2-Dichloropropane	ug/g		0.03		<0.03
Trichloroethylene	ug/g		0.03		<0.03
Bromodichloromethane	ug/g		0.05		<0.05
Methyl Isobutyl Ketone	ug/g		0.50		<0.50
1,1,2-Trichloroethane	ug/g		0.04		<0.04
Toluene	ug/g		0.05		<0.05
Dibromochloromethane	ug/g		0.05		<0.05
Ethylene Dibromide	ug/g		0.04		<0.04
Tetrachloroethylene	ug/g		0.05		<0.05
1,1,1,2-Tetrachloroethane	ug/g		0.04		<0.04
Chlorobenzene	ug/g		0.05		<0.05
Ethylbenzene	ug/g		0.05		<0.05

Certified By: R. Chakraberty

AGAT Laboratories

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Certificate of Analysis

AGAT WORK ORDER: 22T972486
PROJECT: CT3639.00

CLIENT NAME: TERRAPEX ENVIRONMENTAL LIMITED
SAMPLING SITE:2654 Eglinton Ave W, Toronto

ATTENTION TO: Mike Deans
SAMPLED BY:Tal Litmanovitch

O. Reg. 153(511) - VOCs (MEOH)

DATE RECEIVED: 2022-11-22

DATE REPORTED: 2022-12-19

				SAMPLE DESCRIPTION:	MW 200
				SAMPLE TYPE:	MeOH
				DATE SAMPLED:	2022-11-18 01:00
Parameter	Unit	G / S	RDL	4548532	
m & p-Xylene	ug/g		0.05	<0.05	
Bromoform	ug/g		0.05	<0.05	
Styrene	ug/g		0.05	<0.05	
1,1,2,2-Tetrachloroethane	ug/g		0.05	<0.05	
o-Xylene	ug/g		0.05	<0.05	
1,3-Dichlorobenzene	ug/g		0.05	<0.05	
1,4-Dichlorobenzene	ug/g		0.05	<0.05	
1,2-Dichlorobenzene	ug/g		0.05	<0.05	
Xylenes (Total)	ug/g		0.05	<0.05	
1,3-Dichloropropene (Cis + Trans)	µg/g		0.04	<0.04	
n-Hexane	µg/g		0.05	<0.05	
Surrogate	Unit	Acceptable Limits			
Toluene-d8	% Recovery	50-140		83	
4-Bromofluorobenzene	% Recovery	50-140		84	

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

4548532 A small amount of methanol extract was diluted in water and analyzed by purge & trap GC/MS.
Xylenes total is a calculated parameter. The calculated value is the sum of m&p-Xylene + o-Xylene.
1,3-Dichloropropene total is a calculated parameter. The calculated value is the sum of Cis-1,3-Dichloropropene and Trans-1,3-Dichloropropene.
The calculated parameters are non-accredited. The parameters that are components of the calculation are accredited.

Analysis performed at AGAT Toronto (unless marked by *)

Certified By: R. Chakraberty

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CLIENT NAME: TERRAPEX ENVIRONMENTAL LIMITED
SAMPLING SITE:2654 Eglinton Ave W, Toronto

ATTENTION TO: Mike Deans
SAMPLED BY:Tal Litmanovitch

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

DATE RECEIVED: 2022-11-22

DATE REPORTED: 2022-12-19

SAMPLE DESCRIPTION:				MW 201-2	MW 201-6	MW 202-2	MW 202-6	MW 3000
SAMPLE TYPE:				Soil	Soil	Soil	Soil	Soil
DATE SAMPLED:				2022-11-17 21:55	2022-11-17 22:45	2022-11-18 00:45	2022-11-18 01:45	2022-11-18 01:45
Parameter	Unit	G / S	RDL	4548493	4548509	4548517	4548526	4548528
Dichlorodifluoromethane	µg/g		0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Vinyl Chloride	ug/g		0.02	<0.02	<0.02	<0.02	<0.02	<0.02
Bromomethane	ug/g		0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Trichlorofluoromethane	ug/g		0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Acetone	ug/g		0.50	<0.50	<0.50	<0.50	<0.50	<0.50
1,1-Dichloroethylene	ug/g		0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Methylene Chloride	ug/g		0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Trans- 1,2-Dichloroethylene	ug/g		0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Methyl tert-butyl Ether	ug/g		0.05	<0.05	<0.05	<0.05	<0.05	<0.05
1,1-Dichloroethane	ug/g		0.02	<0.02	<0.02	<0.02	<0.02	<0.02
Methyl Ethyl Ketone	ug/g		0.50	<0.50	<0.50	<0.50	<0.50	<0.50
Cis- 1,2-Dichloroethylene	ug/g		0.02	<0.02	<0.02	<0.02	<0.02	<0.02
Chloroform	ug/g		0.04	<0.04	<0.04	<0.04	<0.04	<0.04
1,2-Dichloroethane	ug/g		0.03	<0.03	<0.03	<0.03	<0.03	<0.03
1,1,1-Trichloroethane	ug/g		0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Carbon Tetrachloride	ug/g		0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Benzene	ug/g		0.02	<0.02	<0.02	<0.02	<0.02	<0.02
1,2-Dichloropropane	ug/g		0.03	<0.03	<0.03	<0.03	<0.03	<0.03
Trichloroethylene	ug/g		0.03	<0.03	<0.03	<0.03	<0.03	<0.03
Bromodichloromethane	ug/g		0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Methyl Isobutyl Ketone	ug/g		0.50	<0.50	<0.50	<0.50	<0.50	<0.50
1,1,2-Trichloroethane	ug/g		0.04	<0.04	<0.04	<0.04	<0.04	<0.04
Toluene	ug/g		0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Dibromochloromethane	ug/g		0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Ethylene Dibromide	ug/g		0.04	<0.04	<0.04	<0.04	<0.04	<0.04
Tetrachloroethylene	ug/g		0.05	<0.05	<0.05	<0.05	<0.05	<0.05
1,1,1,2-Tetrachloroethane	ug/g		0.04	<0.04	<0.04	<0.04	<0.04	<0.04
Chlorobenzene	ug/g		0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Ethylbenzene	ug/g		0.05	<0.05	<0.05	<0.05	<0.05	<0.05

Certified By: R. Chakraberty

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Certificate of Analysis

AGAT WORK ORDER: 22T972486
PROJECT: CT3639.00

CLIENT NAME: TERRAPEX ENVIRONMENTAL LIMITED
SAMPLING SITE:2654 Eglinton Ave W, Toronto

ATTENTION TO: Mike Deans
SAMPLED BY:Tal Litmanovitch

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

DATE RECEIVED: 2022-11-22

DATE REPORTED: 2022-12-19

				SAMPLE DESCRIPTION:	MW 201-2	MW 201-6	MW 202-2	MW 202-6	MW 3000
				SAMPLE TYPE:	Soil	Soil	Soil	Soil	Soil
				DATE SAMPLED:	2022-11-17 21:55	2022-11-17 22:45	2022-11-18 00:45	2022-11-18 01:45	2022-11-18 01:45
Parameter	Unit	G / S	RDL		4548493	4548509	4548517	4548526	4548528
m & p-Xylene	ug/g		0.05		<0.05	<0.05	<0.05	<0.05	<0.05
Bromoform	ug/g		0.05		<0.05	<0.05	<0.05	<0.05	<0.05
Styrene	ug/g		0.05		<0.05	<0.05	<0.05	<0.05	<0.05
1,1,2,2-Tetrachloroethane	ug/g		0.05		<0.05	<0.05	<0.05	<0.05	<0.05
o-Xylene	ug/g		0.05		<0.05	<0.05	<0.05	<0.05	<0.05
1,3-Dichlorobenzene	ug/g		0.05		<0.05	<0.05	<0.05	<0.05	<0.05
1,4-Dichlorobenzene	ug/g		0.05		<0.05	<0.05	<0.05	<0.05	<0.05
1,2-Dichlorobenzene	ug/g		0.05		<0.05	<0.05	<0.05	<0.05	<0.05
Xylenes (Total)	ug/g		0.05		<0.05	<0.05	<0.05	<0.05	<0.05
1,3-Dichloropropene (Cis + Trans)	µg/g		0.05		<0.05	<0.05	<0.05	<0.05	<0.05
n-Hexane	µg/g		0.05		<0.05	<0.05	<0.05	<0.05	<0.05
Moisture Content	%		0.1		12.8	16.7	16.5	13.4	10.2
Surrogate	Unit	Acceptable Limits							
Toluene-d8	% Recovery	50-140			96	97	93	95	95
4-Bromofluorobenzene	% Recovery	50-140			88	84	81	84	86

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

4548493-4548528 The sample was analyzed using the high level technique. The sample was extracted using methanol, a small amount of the methanol extract was diluted in water and the purge & trap GC/MS analysis was performed. Results are based on the dry weight of the soil.
Xylenes total is a calculated parameter. The calculated value is the sum of m&p-Xylene + o-Xylene.
1,3-Dichloropropene total is a calculated parameter. The calculated value is the sum of Cis-1,3-Dichloropropene and Trans-1,3-Dichloropropene.
The calculated parameters are non-accredited. The parameters that are components of the calculation are accredited.

Analysis performed at AGAT Toronto (unless marked by *)

Certified By: R. Chakraberty

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Quality Assurance

CLIENT NAME: TERRAPEX ENVIRONMENTAL LIMITED
AGAT WORK ORDER: 22T972486
PROJECT: CT3639.00
ATTENTION TO: Mike Deans
SAMPLING SITE:2654 Eglinton Ave W, Toronto
SAMPLED BY:Tal Litmanovitch

Soil Analysis

RPT Date: Dec 19, 2022			DUPLICATE				REFERENCE MATERIAL			METHOD BLANK SPIKE			MATRIX SPIKE		
PARAMETER	Batch	Sample Id	Dup #1	Dup #2	RPD	Method Blank	Measured Value	Acceptable Limits		Recovery	Acceptable Limits		Recovery	Acceptable Limits	
								Lower	Upper		Lower	Upper		Lower	Upper
O. Reg. 153(511) - Metals & Inorganics (Soil)															
Antimony	4433124		<0.8	<0.8	NA	< 0.8	104%	70%	130%	91%	80%	120%	86%	70%	130%
Arsenic	4433124		<1	<1	NA	< 1	121%	70%	130%	103%	80%	120%	102%	70%	130%
Barium	4433124		7.0	6.3	NA	< 2.0	106%	70%	130%	100%	80%	120%	101%	70%	130%
Beryllium	4433124		<0.4	<0.4	NA	< 0.4	89%	70%	130%	101%	80%	120%	88%	70%	130%
Boron	4433124		<5	<5	NA	< 5	95%	70%	130%	96%	80%	120%	89%	70%	130%
Boron (Hot Water Soluble)	4553914		0.82	0.82	0.0%	< 0.10	93%	60%	140%	95%	70%	130%	104%	60%	140%
Cadmium	4433124		<0.5	<0.5	NA	< 0.5	117%	70%	130%	103%	80%	120%	101%	70%	130%
Chromium	4433124		<5	<5	NA	< 5	115%	70%	130%	109%	80%	120%	110%	70%	130%
Cobalt	4433124		1.1	1.0	NA	< 0.5	117%	70%	130%	113%	80%	120%	102%	70%	130%
Copper	4433124		1.6	1.5	NA	< 1.0	101%	70%	130%	103%	80%	120%	91%	70%	130%
Lead	4433124		<1	<1	NA	< 1	113%	70%	130%	101%	80%	120%	93%	70%	130%
Molybdenum	4433124		<0.5	<0.5	NA	< 0.5	112%	70%	130%	109%	80%	120%	108%	70%	130%
Nickel	4433124		2	2	NA	< 1	115%	70%	130%	110%	80%	120%	97%	70%	130%
Selenium	4433124		<0.8	<0.8	NA	< 0.8	130%	70%	130%	111%	80%	120%	106%	70%	130%
Silver	4433124		<0.5	<0.5	NA	< 0.5	128%	70%	130%	101%	80%	120%	94%	70%	130%
Thallium	4433124		<0.5	<0.5	NA	< 0.5	123%	70%	130%	103%	80%	120%	98%	70%	130%
Uranium	4433124		<0.50	<0.50	NA	< 0.50	118%	70%	130%	100%	80%	120%	93%	70%	130%
Vanadium	4433124		7.3	5.9	21.2%	< 0.4	122%	70%	130%	113%	80%	120%	106%	70%	130%
Zinc	4433124		7	6	NA	< 5	107%	70%	130%	104%	80%	120%	102%	70%	130%
Chromium, Hexavalent	4547352		<0.2	<0.2	NA	< 0.2	101%	70%	130%	95%	80%	120%	102%	70%	130%
Cyanide, WAD	4543973		<0.040	<0.040	NA	< 0.040	105%	70%	130%	97%	80%	120%	88%	70%	130%
Mercury	4433124		<0.10	<0.10	NA	< 0.10	114%	70%	130%	96%	80%	120%	90%	70%	130%
Electrical Conductivity (2:1)	4548156		0.232	0.235	1.3%	< 0.005	111%	80%	120%	NA			NA		
Sodium Adsorption Ratio (2:1) (Calc.)	4544853		5.34	5.13	4.0%	N/A	NA			NA			NA		
pH, 2:1 CaCl2 Extraction	4548923		7.71	7.77	0.8%	NA	103%	80%	120%	NA			NA		

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

Certified By: Amanjot Bhela

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Quality Assurance

CLIENT NAME: TERRAPEX ENVIRONMENTAL LIMITED

AGAT WORK ORDER: 22T972486

PROJECT: CT3639.00

ATTENTION TO: Mike Deans

SAMPLING SITE:2654 Eglinton Ave W, Toronto

SAMPLED BY:Tal Litmanovitch

Trace Organics Analysis

RPT Date: Dec 19, 2022			DUPLICATE				REFERENCE MATERIAL			METHOD BLANK SPIKE			MATRIX SPIKE		
PARAMETER	Batch	Sample Id	Dup #1	Dup #2	RPD	Method Blank	Measured Value	Acceptable Limits		Recovery	Acceptable Limits		Recovery	Acceptable Limits	
								Lower	Upper		Lower	Upper		Lower	Upper
O. Reg. 153(511) - PHCs F1 - F4 (with PAHs and VOC) (Soil)															
F1 (C6 - C10)	4549696		<5	<5	NA	< 5	93%	60%	140%	101%	60%	140%	101%	60%	140%
F2 (C10 to C16)	4546501		<10	<10	NA	< 10	106%	60%	140%	105%	60%	140%	106%	60%	140%
F3 (C16 to C34)	4546501		52	63	NA	< 50	111%	60%	140%	94%	60%	140%	103%	60%	140%
F4 (C34 to C50)	4546501		<50	<50	NA	< 50	108%	60%	140%	104%	60%	140%	90%	60%	140%
O. Reg. 153(511) - VOCs (with PHC) (Soil)															
Dichlorodifluoromethane	4549696		<0.05	<0.05	NA	< 0.05	80%	50%	140%	100%	50%	140%	83%	50%	140%
Vinyl Chloride	4549696		<0.02	<0.02	NA	< 0.02	106%	50%	140%	90%	50%	140%	117%	50%	140%
Bromomethane	4549696		<0.05	<0.05	NA	< 0.05	103%	50%	140%	116%	50%	140%	102%	50%	140%
Trichlorofluoromethane	4549696		<0.05	<0.05	NA	< 0.05	97%	50%	140%	77%	50%	140%	73%	50%	140%
Acetone	4549696		<0.50	<0.50	NA	< 0.50	103%	50%	140%	111%	50%	140%	117%	50%	140%
1,1-Dichloroethylene	4549696		<0.05	<0.05	NA	< 0.05	76%	50%	140%	81%	60%	130%	114%	50%	140%
Methylene Chloride	4549696		<0.05	<0.05	NA	< 0.05	112%	50%	140%	107%	60%	130%	110%	50%	140%
Trans- 1,2-Dichloroethylene	4549696		<0.05	<0.05	NA	< 0.05	83%	50%	140%	96%	60%	130%	88%	50%	140%
Methyl tert-butyl Ether	4549696		<0.05	<0.05	NA	< 0.05	100%	50%	140%	105%	60%	130%	88%	50%	140%
1,1-Dichloroethane	4549696		<0.02	<0.02	NA	< 0.02	94%	50%	140%	105%	60%	130%	98%	50%	140%
Methyl Ethyl Ketone	4549696		<0.50	<0.50	NA	< 0.50	80%	50%	140%	106%	50%	140%	111%	50%	140%
Cis- 1,2-Dichloroethylene	4549696		<0.02	<0.02	NA	< 0.02	93%	50%	140%	96%	60%	130%	80%	50%	140%
Chloroform	4549696		<0.04	<0.04	NA	< 0.04	119%	50%	140%	110%	60%	130%	100%	50%	140%
1,2-Dichloroethane	4549696		<0.03	<0.03	NA	< 0.03	94%	50%	140%	109%	60%	130%	81%	50%	140%
1,1,1-Trichloroethane	4549696		<0.05	<0.05	NA	< 0.05	89%	50%	140%	95%	60%	130%	72%	50%	140%
Carbon Tetrachloride	4549696		<0.05	<0.05	NA	< 0.05	71%	50%	140%	85%	60%	130%	80%	50%	140%
Benzene	4549696		<0.02	<0.02	NA	< 0.02	95%	50%	140%	103%	60%	130%	71%	50%	140%
1,2-Dichloropropane	4549696		<0.03	<0.03	NA	< 0.03	103%	50%	140%	100%	60%	130%	100%	50%	140%
Trichloroethylene	4549696		<0.03	<0.03	NA	< 0.03	93%	50%	140%	94%	60%	130%	100%	50%	140%
Bromodichloromethane	4549696		<0.05	<0.05	NA	< 0.05	102%	50%	140%	99%	60%	130%	105%	50%	140%
Methyl Isobutyl Ketone	4549696		<0.50	<0.50	NA	< 0.50	78%	50%	140%	109%	50%	140%	113%	50%	140%
1,1,2-Trichloroethane	4549696		<0.04	<0.04	NA	< 0.04	117%	50%	140%	104%	60%	130%	113%	50%	140%
Toluene	4549696		<0.05	<0.05	NA	< 0.05	103%	50%	140%	102%	60%	130%	97%	50%	140%
Dibromochloromethane	4549696		<0.05	<0.05	NA	< 0.05	105%	50%	140%	102%	60%	130%	84%	50%	140%
Ethylene Dibromide	4549696		<0.04	<0.04	NA	< 0.04	116%	50%	140%	103%	60%	130%	105%	50%	140%
Tetrachloroethylene	4549696		<0.05	<0.05	NA	< 0.05	102%	50%	140%	96%	60%	130%	104%	50%	140%
1,1,1,2-Tetrachloroethane	4549696		<0.04	<0.04	NA	< 0.04	100%	50%	140%	96%	60%	130%	108%	50%	140%
Chlorobenzene	4549696		<0.05	<0.05	NA	< 0.05	112%	50%	140%	109%	60%	130%	100%	50%	140%
Ethylbenzene	4549696		<0.05	<0.05	NA	< 0.05	112%	50%	140%	113%	60%	130%	95%	50%	140%
m & p-Xylene	4549696		<0.05	<0.05	NA	< 0.05	98%	50%	140%	117%	60%	130%	101%	50%	140%
Bromoform	4549696		<0.05	<0.05	NA	< 0.05	119%	50%	140%	107%	60%	130%	89%	50%	140%
Styrene	4549696		<0.05	<0.05	NA	< 0.05	108%	50%	140%	82%	60%	130%	77%	50%	140%
1,1,2,2-Tetrachloroethane	4549696		<0.05	<0.05	NA	< 0.05	114%	50%	140%	105%	60%	130%	101%	50%	140%
o-Xylene	4549696		<0.05	<0.05	NA	< 0.05	105%	50%	140%	100%	60%	130%	94%	50%	140%

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Quality Assurance

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AGAT WORK ORDER: 22T972486
PROJECT: CT3639.00
ATTENTION TO: Mike Deans
SAMPLING SITE:2654 Eglinton Ave W, Toronto
SAMPLED BY:Tal Litmanovitch

Trace Organics Analysis (Continued)

RPT Date: Dec 19, 2022			DUPLICATE				REFERENCE MATERIAL			METHOD BLANK SPIKE			MATRIX SPIKE		
PARAMETER	Batch	Sample Id	Dup #1	Dup #2	RPD	Method Blank	Measured Value	Acceptable Limits		Recovery	Acceptable Limits		Recovery	Acceptable Limits	
								Lower	Upper		Lower	Upper		Lower	Upper
1,3-Dichlorobenzene	4549696		<0.05	<0.05	NA	< 0.05	105%	50%	140%	105%	60%	130%	99%	50%	140%
1,4-Dichlorobenzene	4549696		<0.05	<0.05	NA	< 0.05	105%	50%	140%	104%	60%	130%	99%	50%	140%
1,2-Dichlorobenzene	4549696		<0.05	<0.05	NA	< 0.05	110%	50%	140%	108%	60%	130%	101%	50%	140%
n-Hexane	4549696		<0.05	<0.05	NA	< 0.05	90%	50%	140%	87%	60%	130%	89%	50%	140%
O. Reg. 153(511) - PAHs (Soil)															
Naphthalene	4546501		<0.05	<0.05	NA	< 0.05	93%	50%	140%	93%	50%	140%	83%	50%	140%
Acenaphthylene	4546501		<0.05	<0.05	NA	< 0.05	106%	50%	140%	90%	50%	140%	83%	50%	140%
Acenaphthene	4546501		<0.05	<0.05	NA	< 0.05	118%	50%	140%	103%	50%	140%	70%	50%	140%
Fluorene	4546501		<0.05	<0.05	NA	< 0.05	123%	50%	140%	108%	50%	140%	85%	50%	140%
Phenanthrene	4546501		0.24	0.25	NA	< 0.05	117%	50%	140%	105%	50%	140%	76%	50%	140%
Anthracene	4546501		<0.05	0.06	NA	< 0.05	115%	50%	140%	100%	50%	140%	90%	50%	140%
Fluoranthene	4546501		0.41	0.41	1.1%	< 0.05	114%	50%	140%	100%	50%	140%	61%	50%	140%
Pyrene	4546501		0.35	0.33	4.9%	< 0.05	118%	50%	140%	100%	50%	140%	69%	50%	140%
Benz(a)anthracene	4546501		0.08	0.09	NA	< 0.05	91%	50%	140%	75%	50%	140%	65%	50%	140%
Chrysene	4546501		0.07	0.07	NA	< 0.05	106%	50%	140%	98%	50%	140%	75%	50%	140%
Benzo(b)fluoranthene	4546501		0.11	0.09	NA	< 0.05	96%	50%	140%	100%	50%	140%	70%	50%	140%
Benzo(k)fluoranthene	4546501		<0.05	<0.05	NA	< 0.05	97%	50%	140%	80%	50%	140%	85%	50%	140%
Benzo(a)pyrene	4546501		<0.05	<0.05	NA	< 0.05	108%	50%	140%	93%	50%	140%	98%	50%	140%
Indeno(1,2,3-cd)pyrene	4546501		<0.05	<0.05	NA	< 0.05	78%	50%	140%	90%	50%	140%	70%	50%	140%
Dibenz(a,h)anthracene	4546501		<0.05	<0.05	NA	< 0.05	78%	50%	140%	78%	50%	140%	93%	50%	140%
Benzo(g,h,i)perylene	4546501		<0.05	<0.05	NA	< 0.05	81%	50%	140%	78%	50%	140%	73%	50%	140%
O. Reg. 153(511) - PHCs F1 - F4 (with VOC) (Soil)															
F1 (C6 - C10)	4549696		<5	<5	NA	< 5	93%	60%	140%	101%	60%	140%	101%	60%	140%
F2 (C10 to C16)	4546501		<10	<10	NA	< 10	106%	60%	140%	105%	60%	140%	106%	60%	140%
F3 (C16 to C34)	4546501		52	63	NA	< 50	111%	60%	140%	94%	60%	140%	103%	60%	140%
F4 (C34 to C50)	4546501		<50	<50	NA	< 50	108%	60%	140%	104%	60%	140%	90%	60%	140%

Certified By: R. Chakraberty

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AGAT WORK ORDER: 22T972486
PROJECT: CT3639.00

CLIENT NAME: TERRAPEX ENVIRONMENTAL LIMITED

ATTENTION TO: Mike Deans

Sample ID	Sample Description	Sample Type	Date Sampled	Date Received
4548493	MW 201-2	Soil	17-NOV-2022	22-NOV-2022

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

Parameter	Date Prepared	Date Analyzed	Initials
Antimony	26-NOV-2022	26-NOV-2022	SE
Arsenic	26-NOV-2022	26-NOV-2022	SE
Barium	26-NOV-2022	26-NOV-2022	SE
Beryllium	26-NOV-2022	26-NOV-2022	SE
Boron	26-NOV-2022	26-NOV-2022	SE
Boron (Hot Water Soluble)	25-NOV-2022	25-NOV-2022	ZK
Cadmium	26-NOV-2022	26-NOV-2022	SE
Chromium	26-NOV-2022	26-NOV-2022	SE
Cobalt	26-NOV-2022	26-NOV-2022	SE
Copper	26-NOV-2022	26-NOV-2022	SE
Lead	26-NOV-2022	26-NOV-2022	SE
Molybdenum	26-NOV-2022	26-NOV-2022	SE
Nickel	26-NOV-2022	26-NOV-2022	SE
Selenium	26-NOV-2022	26-NOV-2022	SE
Silver	26-NOV-2022	26-NOV-2022	SE
Thallium	26-NOV-2022	26-NOV-2022	SE
Uranium	26-NOV-2022	26-NOV-2022	SE
Vanadium	26-NOV-2022	26-NOV-2022	SE
Zinc	26-NOV-2022	26-NOV-2022	SE
Chromium, Hexavalent	24-NOV-2022	24-NOV-2022	XL
Cyanide, WAD	25-NOV-2022	25-NOV-2022	BG
Mercury	26-NOV-2022	26-NOV-2022	SE
Electrical Conductivity (2:1)	25-NOV-2022	25-NOV-2022	SR
Sodium Adsorption Ratio (2:1) (Calc.)	25-NOV-2022	25-NOV-2022	AA
pH, 2:1 CaCl2 Extraction	25-NOV-2022	25-NOV-2022	SR

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

Parameter	Date Prepared	Date Analyzed	Initials
Naphthalene	29-NOV-2022	29-NOV-2022	NS
Acenaphthylene	29-NOV-2022	29-NOV-2022	NS
Acenaphthene	29-NOV-2022	29-NOV-2022	NS
Fluorene	29-NOV-2022	29-NOV-2022	NS
Phenanthrene	29-NOV-2022	29-NOV-2022	NS
Anthracene	29-NOV-2022	29-NOV-2022	NS
Fluoranthene	29-NOV-2022	29-NOV-2022	NS
Pyrene	29-NOV-2022	29-NOV-2022	NS
Benz(a)anthracene	29-NOV-2022	29-NOV-2022	NS
Chrysene	29-NOV-2022	29-NOV-2022	NS
Benzo(b)fluoranthene	29-NOV-2022	29-NOV-2022	NS

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AGAT WORK ORDER: 22T972486
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CLIENT NAME: TERRAPEX ENVIRONMENTAL LIMITED

ATTENTION TO: Mike Deans

Sample ID	Sample Description	Sample Type	Date Sampled	Date Received
4548493	MW 201-2	Soil	17-NOV-2022	22-NOV-2022

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

Parameter	Date Prepared	Date Analyzed	Initials
Benzo(k)fluoranthene	29-NOV-2022	29-NOV-2022	NS
Benzo(a)pyrene	29-NOV-2022	29-NOV-2022	NS
Indeno(1,2,3-cd)pyrene	29-NOV-2022	29-NOV-2022	NS
Dibenz(a,h)anthracene	29-NOV-2022	29-NOV-2022	NS
Benzo(g,h,i)perylene	29-NOV-2022	29-NOV-2022	NS
1 and 2 Methlynaphthalene	29-NOV-2022	29-NOV-2022	SYS
Naphthalene-d8	29-NOV-2022	29-NOV-2022	NS
Acridine-d9	29-NOV-2022	29-NOV-2022	NS
Terphenyl-d14	29-NOV-2022	29-NOV-2022	NS
Moisture Content	28-NOV-2022	28-NOV-2022	GU

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

Parameter	Date Prepared	Date Analyzed	Initials
F1 (C6 - C10)	26-NOV-2022	26-NOV-2022	AG
F1 (C6 to C10) minus BTEX	26-NOV-2022	26-NOV-2022	SYS
Toluene-d8	26-NOV-2022	26-NOV-2022	AG
F2 (C10 to C16)	29-NOV-2022	29-NOV-2022	CA
F2 (C10 to C16) minus Naphthalene	29-NOV-2022	29-NOV-2022	SYS
F3 (C16 to C34)	29-NOV-2022	29-NOV-2022	CA
F3 (C16 to C34) minus PAHs	29-NOV-2022	29-NOV-2022	SYS
F4 (C34 to C50)	29-NOV-2022	29-NOV-2022	CA
Gravimetric Heavy Hydrocarbons			
Moisture Content	28-NOV-2022	28-NOV-2022	GU
Terphenyl	29-NOV-2022	29-NOV-2022	CA

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

Parameter	Date Prepared	Date Analyzed	Initials
Dichlorodifluoromethane	26-NOV-2022	26-NOV-2022	AG
Vinyl Chloride	26-NOV-2022	26-NOV-2022	AG
Bromomethane	26-NOV-2022	26-NOV-2022	AG
Trichlorofluoromethane	26-NOV-2022	26-NOV-2022	AG
Acetone	26-NOV-2022	26-NOV-2022	AG
1,1-Dichloroethylene	26-NOV-2022	26-NOV-2022	AG
Methylene Chloride	26-NOV-2022	26-NOV-2022	AG
Trans- 1,2-Dichloroethylene	26-NOV-2022	26-NOV-2022	AG
Methyl tert-butyl Ether	26-NOV-2022	26-NOV-2022	AG
1,1-Dichloroethane	26-NOV-2022	26-NOV-2022	AG
Methyl Ethyl Ketone	26-NOV-2022	26-NOV-2022	AG
Cis- 1,2-Dichloroethylene	26-NOV-2022	26-NOV-2022	AG

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ATTENTION TO: Mike Deans

Sample ID	Sample Description	Sample Type	Date Sampled	Date Received
4548493	MW 201-2	Soil	17-NOV-2022	22-NOV-2022

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

Parameter	Date Prepared	Date Analyzed	Initials
Chloroform	26-NOV-2022	26-NOV-2022	AG
1,2-Dichloroethane	26-NOV-2022	26-NOV-2022	AG
1,1,1-Trichloroethane	26-NOV-2022	26-NOV-2022	AG
Carbon Tetrachloride	26-NOV-2022	26-NOV-2022	AG
Benzene	26-NOV-2022	26-NOV-2022	AG
1,2-Dichloropropane	26-NOV-2022	26-NOV-2022	AG
Trichloroethylene	26-NOV-2022	26-NOV-2022	AG
Bromodichloromethane	26-NOV-2022	26-NOV-2022	AG
Methyl Isobutyl Ketone	26-NOV-2022	26-NOV-2022	AG
1,1,2-Trichloroethane	26-NOV-2022	26-NOV-2022	AG
Toluene	26-NOV-2022	26-NOV-2022	AG
Dibromochloromethane	26-NOV-2022	26-NOV-2022	AG
Ethylene Dibromide	26-NOV-2022	26-NOV-2022	AG
Tetrachloroethylene			AG
1,1,1,2-Tetrachloroethane	26-NOV-2022	26-NOV-2022	AG
Chlorobenzene	26-NOV-2022	26-NOV-2022	AG
Ethylbenzene	26-NOV-2022	26-NOV-2022	AG
m & p-Xylene	26-NOV-2022	26-NOV-2022	AG
Bromoform	26-NOV-2022	26-NOV-2022	AG
Styrene	26-NOV-2022	26-NOV-2022	AG
1,1,2,2-Tetrachloroethane	26-NOV-2022	26-NOV-2022	AG
o-Xylene	26-NOV-2022	26-NOV-2022	AG
1,3-Dichlorobenzene	26-NOV-2022	26-NOV-2022	AG
1,4-Dichlorobenzene	26-NOV-2022	26-NOV-2022	AG
1,2-Dichlorobenzene	26-NOV-2022	26-NOV-2022	AG
Xylenes (Total)	26-NOV-2022	26-NOV-2022	SYS
1,3-Dichloropropene (Cis + Trans)	26-NOV-2022	26-NOV-2022	SYS
n-Hexane	26-NOV-2022	26-NOV-2022	AG
Toluene-d8	26-NOV-2022	26-NOV-2022	AG
4-Bromofluorobenzene	26-NOV-2022	26-NOV-2022	AG
Moisture Content	28-NOV-2022	28-NOV-2022	GU

Sample ID	Sample Description	Sample Type	Date Sampled	Date Received
4548499	MW 201-5	Soil	17-NOV-2022	22-NOV-2022

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

Parameter	Date Prepared	Date Analyzed	Initials
Antimony	26-NOV-2022	26-NOV-2022	SE
Arsenic	26-NOV-2022	26-NOV-2022	SE
Barium	26-NOV-2022	26-NOV-2022	SE

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AGAT WORK ORDER: 22T972486
PROJECT: CT3639.00

CLIENT NAME: TERRAPEX ENVIRONMENTAL LIMITED

ATTENTION TO: Mike Deans

Sample ID	Sample Description	Sample Type	Date Sampled	Date Received
4548499	MW 201-5	Soil	17-NOV-2022	22-NOV-2022

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

Parameter	Date Prepared	Date Analyzed	Initials
Beryllium	26-NOV-2022	26-NOV-2022	SE
Boron	26-NOV-2022	26-NOV-2022	SE
Boron (Hot Water Soluble)	25-NOV-2022	25-NOV-2022	ZK
Cadmium	26-NOV-2022	26-NOV-2022	SE
Chromium	26-NOV-2022	26-NOV-2022	SE
Cobalt	26-NOV-2022	26-NOV-2022	SE
Copper	26-NOV-2022	26-NOV-2022	SE
Lead	26-NOV-2022	26-NOV-2022	SE
Molybdenum	26-NOV-2022	26-NOV-2022	SE
Nickel	26-NOV-2022	26-NOV-2022	SE
Selenium	26-NOV-2022	26-NOV-2022	SE
Silver	26-NOV-2022	26-NOV-2022	SE
Thallium	26-NOV-2022	26-NOV-2022	SE
Uranium	26-NOV-2022	26-NOV-2022	SE
Vanadium	26-NOV-2022	26-NOV-2022	SE
Zinc	26-NOV-2022	26-NOV-2022	SE
Chromium, Hexavalent	24-NOV-2022	24-NOV-2022	XL
Cyanide, WAD	25-NOV-2022	25-NOV-2022	BG
Mercury	26-NOV-2022	26-NOV-2022	SE
Electrical Conductivity (2:1)	25-NOV-2022	25-NOV-2022	SR
Sodium Adsorption Ratio (2:1) (Calc.)	25-NOV-2022	25-NOV-2022	AA
pH, 2:1 CaCl2 Extraction	25-NOV-2022	25-NOV-2022	SR

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

Parameter	Date Prepared	Date Analyzed	Initials
Naphthalene	29-NOV-2022	29-NOV-2022	NS
Acenaphthylene	29-NOV-2022	29-NOV-2022	NS
Acenaphthene	29-NOV-2022	29-NOV-2022	NS
Fluorene	29-NOV-2022	29-NOV-2022	NS
Phenanthrene	29-NOV-2022	29-NOV-2022	NS
Anthracene	29-NOV-2022	29-NOV-2022	NS
Fluoranthene	29-NOV-2022	29-NOV-2022	NS
Pyrene	29-NOV-2022	29-NOV-2022	NS
Benz(a)anthracene	29-NOV-2022	29-NOV-2022	NS
Chrysene	29-NOV-2022	29-NOV-2022	NS
Benzo(b)fluoranthene	29-NOV-2022	29-NOV-2022	NS
Benzo(k)fluoranthene	29-NOV-2022	29-NOV-2022	NS
Benzo(a)pyrene	29-NOV-2022	29-NOV-2022	NS
Indeno(1,2,3-cd)pyrene	29-NOV-2022	29-NOV-2022	NS

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CLIENT NAME: TERRAPEX ENVIRONMENTAL LIMITED

ATTENTION TO: Mike Deans

Sample ID	Sample Description	Sample Type	Date Sampled	Date Received
4548499	MW 201-5	Soil	17-NOV-2022	22-NOV-2022

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

Parameter	Date Prepared	Date Analyzed	Initials
Dibenz(a,h)anthracene	29-NOV-2022	29-NOV-2022	NS
Benzo(g,h,i)perylene	29-NOV-2022	29-NOV-2022	NS
1 and 2 Methlynaphthalene	29-NOV-2022	29-NOV-2022	SYS
Naphthalene-d8	29-NOV-2022	29-NOV-2022	NS
Acridine-d9	29-NOV-2022	29-NOV-2022	NS
Terphenyl-d14	29-NOV-2022	29-NOV-2022	NS
Moisture Content	28-NOV-2022	28-NOV-2022	GU

Sample ID	Sample Description	Sample Type	Date Sampled	Date Received
4548501	MW 1000	Soil	17-NOV-2022	22-NOV-2022

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

Parameter	Date Prepared	Date Analyzed	Initials
Antimony	26-NOV-2022	26-NOV-2022	SE
Arsenic	26-NOV-2022	26-NOV-2022	SE
Barium	26-NOV-2022	26-NOV-2022	SE
Beryllium	26-NOV-2022	26-NOV-2022	SE
Boron	26-NOV-2022	26-NOV-2022	SE
Boron (Hot Water Soluble)	25-NOV-2022	25-NOV-2022	ZK
Cadmium	26-NOV-2022	26-NOV-2022	SE
Chromium	26-NOV-2022	26-NOV-2022	SE
Cobalt	26-NOV-2022	26-NOV-2022	SE
Copper	26-NOV-2022	26-NOV-2022	SE
Lead	26-NOV-2022	26-NOV-2022	SE
Molybdenum	26-NOV-2022	26-NOV-2022	SE
Nickel	26-NOV-2022	26-NOV-2022	SE
Selenium	26-NOV-2022	26-NOV-2022	SE
Silver	26-NOV-2022	26-NOV-2022	SE
Thallium	26-NOV-2022	26-NOV-2022	SE
Uranium	26-NOV-2022	26-NOV-2022	SE
Vanadium	26-NOV-2022	26-NOV-2022	SE
Zinc	26-NOV-2022	26-NOV-2022	SE
Chromium, Hexavalent	24-NOV-2022	24-NOV-2022	XL
Cyanide, WAD	25-NOV-2022	25-NOV-2022	BG
Mercury	26-NOV-2022	26-NOV-2022	SE
Electrical Conductivity (2:1)	25-NOV-2022	25-NOV-2022	SR
Sodium Adsorption Ratio (2:1) (Calc.)	25-NOV-2022	25-NOV-2022	AA
pH, 2:1 CaCl2 Extraction	25-NOV-2022	25-NOV-2022	SR

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

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Sample ID	Sample Description	Sample Type	Date Sampled	Date Received
4548501	MW 1000	Soil	17-NOV-2022	22-NOV-2022

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

Parameter	Date Prepared	Date Analyzed	Initials
Naphthalene	29-NOV-2022	29-NOV-2022	NS
Acenaphthylene	29-NOV-2022	29-NOV-2022	NS
Acenaphthene	29-NOV-2022	29-NOV-2022	NS
Fluorene	29-NOV-2022	29-NOV-2022	NS
Phenanthrene	29-NOV-2022	29-NOV-2022	NS
Anthracene	29-NOV-2022	29-NOV-2022	NS
Fluoranthene	29-NOV-2022	29-NOV-2022	NS
Pyrene	29-NOV-2022	29-NOV-2022	NS
Benz(a)anthracene	29-NOV-2022	29-NOV-2022	NS
Chrysene	29-NOV-2022	29-NOV-2022	NS
Benzo(b)fluoranthene	29-NOV-2022	29-NOV-2022	NS
Benzo(k)fluoranthene	29-NOV-2022	29-NOV-2022	NS
Benzo(a)pyrene	29-NOV-2022	29-NOV-2022	NS
Indeno(1,2,3-cd)pyrene	29-NOV-2022	29-NOV-2022	NS
Dibenz(a,h)anthracene	29-NOV-2022	29-NOV-2022	NS
Benzo(g,h,i)perylene	29-NOV-2022	29-NOV-2022	NS
1 and 2 Methlynaphthalene	29-NOV-2022	29-NOV-2022	SYS
Naphthalene-d8	29-NOV-2022	29-NOV-2022	NS
Acridine-d9	29-NOV-2022	29-NOV-2022	NS
Terphenyl-d14	29-NOV-2022	29-NOV-2022	NS
Moisture Content	28-NOV-2022	28-NOV-2022	GU

Sample ID	Sample Description	Sample Type	Date Sampled	Date Received
4548509	MW 201-6	Soil	17-NOV-2022	22-NOV-2022

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

Parameter	Date Prepared	Date Analyzed	Initials
F1 (C6 - C10)	26-NOV-2022	26-NOV-2022	AG
F1 (C6 to C10) minus BTEX	26-NOV-2022	26-NOV-2022	SYS
Toluene-d8	26-NOV-2022	26-NOV-2022	AG
F2 (C10 to C16)	29-NOV-2022	29-NOV-2022	CA
F3 (C16 to C34)	29-NOV-2022	29-NOV-2022	CA
F4 (C34 to C50)	29-NOV-2022	29-NOV-2022	CA
Gravimetric Heavy Hydrocarbons			
Moisture Content	28-NOV-2022	28-NOV-2022	GU
Terphenyl	29-NOV-2022	29-NOV-2022	CA

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

Parameter	Date Prepared	Date Analyzed	Initials
Dichlorodifluoromethane	26-NOV-2022	26-NOV-2022	AG

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ATTENTION TO: Mike Deans

Sample ID	Sample Description	Sample Type	Date Sampled	Date Received
4548509	MW 201-6	Soil	17-NOV-2022	22-NOV-2022

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

Parameter	Date Prepared	Date Analyzed	Initials
Vinyl Chloride	26-NOV-2022	26-NOV-2022	AG
Bromomethane	26-NOV-2022	26-NOV-2022	AG
Trichlorofluoromethane	26-NOV-2022	26-NOV-2022	AG
Acetone	26-NOV-2022	26-NOV-2022	AG
1,1-Dichloroethylene	26-NOV-2022	26-NOV-2022	AG
Methylene Chloride	26-NOV-2022	26-NOV-2022	AG
Trans- 1,2-Dichloroethylene	26-NOV-2022	26-NOV-2022	AG
Methyl tert-butyl Ether	26-NOV-2022	26-NOV-2022	AG
1,1-Dichloroethane	26-NOV-2022	26-NOV-2022	AG
Methyl Ethyl Ketone	26-NOV-2022	26-NOV-2022	AG
Cis- 1,2-Dichloroethylene	26-NOV-2022	26-NOV-2022	AG
Chloroform	26-NOV-2022	26-NOV-2022	AG
1,2-Dichloroethane	26-NOV-2022	26-NOV-2022	AG
1,1,1-Trichloroethane	26-NOV-2022	26-NOV-2022	AG
Carbon Tetrachloride	26-NOV-2022	26-NOV-2022	AG
Benzene	26-NOV-2022	26-NOV-2022	AG
1,2-Dichloropropane	26-NOV-2022	26-NOV-2022	AG
Trichloroethylene	26-NOV-2022	26-NOV-2022	AG
Bromodichloromethane	26-NOV-2022	26-NOV-2022	AG
Methyl Isobutyl Ketone	26-NOV-2022	26-NOV-2022	AG
1,1,2-Trichloroethane	26-NOV-2022	26-NOV-2022	AG
Toluene	26-NOV-2022	26-NOV-2022	AG
Dibromochloromethane	26-NOV-2022	26-NOV-2022	AG
Ethylene Dibromide	26-NOV-2022	26-NOV-2022	AG
Tetrachloroethylene			AG
1,1,1,2-Tetrachloroethane	26-NOV-2022	26-NOV-2022	AG
Chlorobenzene	26-NOV-2022	26-NOV-2022	AG
Ethylbenzene	26-NOV-2022	26-NOV-2022	AG
m & p-Xylene	26-NOV-2022	26-NOV-2022	AG
Bromoform	26-NOV-2022	26-NOV-2022	AG
Styrene	26-NOV-2022	26-NOV-2022	AG
1,1,2,2-Tetrachloroethane	26-NOV-2022	26-NOV-2022	AG
o-Xylene	26-NOV-2022	26-NOV-2022	AG
1,3-Dichlorobenzene	26-NOV-2022	26-NOV-2022	AG
1,4-Dichlorobenzene	26-NOV-2022	26-NOV-2022	AG
1,2-Dichlorobenzene	26-NOV-2022	26-NOV-2022	AG
Xylenes (Total)	26-NOV-2022	26-NOV-2022	SYS
1,3-Dichloropropene (Cis + Trans)	26-NOV-2022	26-NOV-2022	SYS
n-Hexane	26-NOV-2022	26-NOV-2022	AG

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CLIENT NAME: TERRAPEX ENVIRONMENTAL LIMITED

ATTENTION TO: Mike Deans

Sample ID	Sample Description	Sample Type	Date Sampled	Date Received
4548509	MW 201-6	Soil	17-NOV-2022	22-NOV-2022

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

Parameter	Date Prepared	Date Analyzed	Initials
Toluene-d8	26-NOV-2022	26-NOV-2022	AG
4-Bromofluorobenzene	26-NOV-2022	26-NOV-2022	AG
Moisture Content	28-NOV-2022	28-NOV-2022	GU

Sample ID	Sample Description	Sample Type	Date Sampled	Date Received
4548517	MW 202-2	Soil	18-NOV-2022	22-NOV-2022

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

Parameter	Date Prepared	Date Analyzed	Initials
Antimony	26-NOV-2022	26-NOV-2022	SE
Arsenic	26-NOV-2022	26-NOV-2022	SE
Barium	26-NOV-2022	26-NOV-2022	SE
Beryllium	26-NOV-2022	26-NOV-2022	SE
Boron	26-NOV-2022	26-NOV-2022	SE
Boron (Hot Water Soluble)	25-NOV-2022	25-NOV-2022	ZK
Cadmium	26-NOV-2022	26-NOV-2022	SE
Chromium	26-NOV-2022	26-NOV-2022	SE
Cobalt	26-NOV-2022	26-NOV-2022	SE
Copper	26-NOV-2022	26-NOV-2022	SE
Lead	26-NOV-2022	26-NOV-2022	SE
Molybdenum	26-NOV-2022	26-NOV-2022	SE
Nickel	26-NOV-2022	26-NOV-2022	SE
Selenium	26-NOV-2022	26-NOV-2022	SE
Silver	26-NOV-2022	26-NOV-2022	SE
Thallium	26-NOV-2022	26-NOV-2022	SE
Uranium	26-NOV-2022	26-NOV-2022	SE
Vanadium	26-NOV-2022	26-NOV-2022	SE
Zinc	26-NOV-2022	26-NOV-2022	SE
Chromium, Hexavalent	24-NOV-2022	24-NOV-2022	XL
Cyanide, WAD	25-NOV-2022	25-NOV-2022	BG
Mercury	26-NOV-2022	26-NOV-2022	SE
Electrical Conductivity (2:1)	25-NOV-2022	25-NOV-2022	SR
Sodium Adsorption Ratio (2:1) (Calc.)	25-NOV-2022	25-NOV-2022	AA
pH, 2:1 CaCl2 Extraction	25-NOV-2022	25-NOV-2022	SR

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

Parameter	Date Prepared	Date Analyzed	Initials
Naphthalene	29-NOV-2022	29-NOV-2022	NS
Acenaphthylene	29-NOV-2022	29-NOV-2022	NS
Acenaphthene	29-NOV-2022	29-NOV-2022	NS

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CLIENT NAME: TERRAPEX ENVIRONMENTAL LIMITED

ATTENTION TO: Mike Deans

Sample ID	Sample Description	Sample Type	Date Sampled	Date Received
4548517	MW 202-2	Soil	18-NOV-2022	22-NOV-2022

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

Parameter	Date Prepared	Date Analyzed	Initials
Fluorene	29-NOV-2022	29-NOV-2022	NS
Phenanthrene	29-NOV-2022	29-NOV-2022	NS
Anthracene	29-NOV-2022	29-NOV-2022	NS
Fluoranthene	29-NOV-2022	29-NOV-2022	NS
Pyrene	29-NOV-2022	29-NOV-2022	NS
Benz(a)anthracene	29-NOV-2022	29-NOV-2022	NS
Chrysene	29-NOV-2022	29-NOV-2022	NS
Benzo(b)fluoranthene	29-NOV-2022	29-NOV-2022	NS
Benzo(k)fluoranthene	29-NOV-2022	29-NOV-2022	NS
Benzo(a)pyrene	29-NOV-2022	29-NOV-2022	NS
Indeno(1,2,3-cd)pyrene	29-NOV-2022	29-NOV-2022	NS
Dibenz(a,h)anthracene	29-NOV-2022	29-NOV-2022	NS
Benzo(g,h,i)perylene	29-NOV-2022	29-NOV-2022	NS
1 and 2 Methlynaphthalene	29-NOV-2022	29-NOV-2022	SYS
Naphthalene-d8	29-NOV-2022	29-NOV-2022	NS
Acridine-d9	29-NOV-2022	29-NOV-2022	NS
Terphenyl-d14	29-NOV-2022	29-NOV-2022	NS
Moisture Content	28-NOV-2022	28-NOV-2022	GU

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

Parameter	Date Prepared	Date Analyzed	Initials
F1 (C6 - C10)	26-NOV-2022	26-NOV-2022	AG
F1 (C6 to C10) minus BTEX	26-NOV-2022	26-NOV-2022	SYS
Toluene-d8	26-NOV-2022	26-NOV-2022	AG
F2 (C10 to C16)	29-NOV-2022	29-NOV-2022	CA
F2 (C10 to C16) minus Naphthalene	29-NOV-2022	29-NOV-2022	SYS
F3 (C16 to C34)	29-NOV-2022	29-NOV-2022	CA
F3 (C16 to C34) minus PAHs	29-NOV-2022	29-NOV-2022	SYS
F4 (C34 to C50)	29-NOV-2022	29-NOV-2022	CA
Gravimetric Heavy Hydrocarbons			
Moisture Content	28-NOV-2022	28-NOV-2022	GU
Terphenyl	29-NOV-2022	29-NOV-2022	CA

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

Parameter	Date Prepared	Date Analyzed	Initials
Dichlorodifluoromethane	26-NOV-2022	26-NOV-2022	AG
Vinyl Chloride	26-NOV-2022	26-NOV-2022	AG
Bromomethane	26-NOV-2022	26-NOV-2022	AG
Trichlorofluoromethane	26-NOV-2022	26-NOV-2022	AG

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ATTENTION TO: Mike Deans

Sample ID	Sample Description	Sample Type	Date Sampled	Date Received
4548517	MW 202-2	Soil	18-NOV-2022	22-NOV-2022

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

Parameter	Date Prepared	Date Analyzed	Initials
Acetone	26-NOV-2022	26-NOV-2022	AG
1,1-Dichloroethylene	26-NOV-2022	26-NOV-2022	AG
Methylene Chloride	26-NOV-2022	26-NOV-2022	AG
Trans- 1,2-Dichloroethylene	26-NOV-2022	26-NOV-2022	AG
Methyl tert-butyl Ether	26-NOV-2022	26-NOV-2022	AG
1,1-Dichloroethane	26-NOV-2022	26-NOV-2022	AG
Methyl Ethyl Ketone	26-NOV-2022	26-NOV-2022	AG
Cis- 1,2-Dichloroethylene	26-NOV-2022	26-NOV-2022	AG
Chloroform	26-NOV-2022	26-NOV-2022	AG
1,2-Dichloroethane	26-NOV-2022	26-NOV-2022	AG
1,1,1-Trichloroethane	26-NOV-2022	26-NOV-2022	AG
Carbon Tetrachloride	26-NOV-2022	26-NOV-2022	AG
Benzene	26-NOV-2022	26-NOV-2022	AG
1,2-Dichloropropane	26-NOV-2022	26-NOV-2022	AG
Trichloroethylene	26-NOV-2022	26-NOV-2022	AG
Bromodichloromethane	26-NOV-2022	26-NOV-2022	AG
Methyl Isobutyl Ketone	26-NOV-2022	26-NOV-2022	AG
1,1,2-Trichloroethane	26-NOV-2022	26-NOV-2022	AG
Toluene	26-NOV-2022	26-NOV-2022	AG
Dibromochloromethane	26-NOV-2022	26-NOV-2022	AG
Ethylene Dibromide	26-NOV-2022	26-NOV-2022	AG
Tetrachloroethylene			AG
1,1,1,2-Tetrachloroethane	26-NOV-2022	26-NOV-2022	AG
Chlorobenzene	26-NOV-2022	26-NOV-2022	AG
Ethylbenzene	26-NOV-2022	26-NOV-2022	AG
m & p-Xylene	26-NOV-2022	26-NOV-2022	AG
Bromoform	26-NOV-2022	26-NOV-2022	AG
Styrene	26-NOV-2022	26-NOV-2022	AG
1,1,2,2-Tetrachloroethane	26-NOV-2022	26-NOV-2022	AG
o-Xylene	26-NOV-2022	26-NOV-2022	AG
1,3-Dichlorobenzene	26-NOV-2022	26-NOV-2022	AG
1,4-Dichlorobenzene	26-NOV-2022	26-NOV-2022	AG
1,2-Dichlorobenzene	26-NOV-2022	26-NOV-2022	AG
Xylenes (Total)	26-NOV-2022	26-NOV-2022	SYS
1,3-Dichloropropene (Cis + Trans)	26-NOV-2022	26-NOV-2022	SYS
n-Hexane	26-NOV-2022	26-NOV-2022	AG
Toluene-d8	26-NOV-2022	26-NOV-2022	AG
4-Bromofluorobenzene	26-NOV-2022	26-NOV-2022	AG
Moisture Content	28-NOV-2022	28-NOV-2022	GU

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Time Markers

AGAT WORK ORDER: 22T972486
PROJECT: CT3639.00

CLIENT NAME: TERRAPEX ENVIRONMENTAL LIMITED

ATTENTION TO: Mike Deans

Sample ID	Sample Description	Sample Type	Date Sampled	Date Received
4548523	MW 202-4	Soil	18-NOV-2022	22-NOV-2022

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

Parameter	Date Prepared	Date Analyzed	Initials
Antimony	26-NOV-2022	26-NOV-2022	SE
Arsenic	26-NOV-2022	26-NOV-2022	SE
Barium	26-NOV-2022	26-NOV-2022	SE
Beryllium	26-NOV-2022	26-NOV-2022	SE
Boron	26-NOV-2022	26-NOV-2022	SE
Boron (Hot Water Soluble)	25-NOV-2022	25-NOV-2022	ZK
Cadmium	26-NOV-2022	26-NOV-2022	SE
Chromium	26-NOV-2022	26-NOV-2022	SE
Cobalt	26-NOV-2022	26-NOV-2022	SE
Copper	26-NOV-2022	26-NOV-2022	SE
Lead	26-NOV-2022	26-NOV-2022	SE
Molybdenum	26-NOV-2022	26-NOV-2022	SE
Nickel	26-NOV-2022	26-NOV-2022	SE
Selenium	26-NOV-2022	26-NOV-2022	SE
Silver	26-NOV-2022	26-NOV-2022	SE
Thallium	26-NOV-2022	26-NOV-2022	SE
Uranium	26-NOV-2022	26-NOV-2022	SE
Vanadium	26-NOV-2022	26-NOV-2022	SE
Zinc	26-NOV-2022	26-NOV-2022	SE
Chromium, Hexavalent	24-NOV-2022	24-NOV-2022	XL
Cyanide, WAD	25-NOV-2022	25-NOV-2022	BG
Mercury	26-NOV-2022	26-NOV-2022	SE
Electrical Conductivity (2:1)	25-NOV-2022	25-NOV-2022	SR
Sodium Adsorption Ratio (2:1) (Calc.)	25-NOV-2022	25-NOV-2022	AA
pH, 2:1 CaCl2 Extraction	25-NOV-2022	25-NOV-2022	SR

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

Parameter	Date Prepared	Date Analyzed	Initials
Naphthalene	29-NOV-2022	29-NOV-2022	NS
Acenaphthylene	29-NOV-2022	29-NOV-2022	NS
Acenaphthene	29-NOV-2022	29-NOV-2022	NS
Fluorene	29-NOV-2022	29-NOV-2022	NS
Phenanthrene	29-NOV-2022	29-NOV-2022	NS
Anthracene	29-NOV-2022	29-NOV-2022	NS
Fluoranthene	29-NOV-2022	29-NOV-2022	NS
Pyrene	29-NOV-2022	29-NOV-2022	NS
Benz(a)anthracene	29-NOV-2022	29-NOV-2022	NS
Chrysene	29-NOV-2022	29-NOV-2022	NS

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CLIENT NAME: TERRAPEX ENVIRONMENTAL LIMITED

ATTENTION TO: Mike Deans

Sample ID	Sample Description	Sample Type	Date Sampled	Date Received
4548523	MW 202-4	Soil	18-NOV-2022	22-NOV-2022

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

Parameter	Date Prepared	Date Analyzed	Initials
Benzo(b)fluoranthene	29-NOV-2022	29-NOV-2022	NS
Benzo(k)fluoranthene	29-NOV-2022	29-NOV-2022	NS
Benzo(a)pyrene	29-NOV-2022	29-NOV-2022	NS
Indeno(1,2,3-cd)pyrene	29-NOV-2022	29-NOV-2022	NS
Dibenz(a,h)anthracene	29-NOV-2022	29-NOV-2022	NS
Benzo(g,h,i)perylene	29-NOV-2022	29-NOV-2022	NS
1 and 2 Methlynaphthalene	29-NOV-2022	29-NOV-2022	SYS
Naphthalene-d8	29-NOV-2022	29-NOV-2022	NS
Acridine-d9	29-NOV-2022	29-NOV-2022	NS
Terphenyl-d14	29-NOV-2022	29-NOV-2022	NS
Moisture Content	28-NOV-2022	28-NOV-2022	GU

Sample ID	Sample Description	Sample Type	Date Sampled	Date Received
4548526	MW 202-6	Soil	18-NOV-2022	22-NOV-2022

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

Parameter	Date Prepared	Date Analyzed	Initials
F1 (C6 - C10)	26-NOV-2022	26-NOV-2022	AG
F1 (C6 to C10) minus BTEX	26-NOV-2022	26-NOV-2022	SYS
Toluene-d8	26-NOV-2022	26-NOV-2022	AG
F2 (C10 to C16)	29-NOV-2022	29-NOV-2022	CA
F3 (C16 to C34)	29-NOV-2022	29-NOV-2022	CA
F4 (C34 to C50)	29-NOV-2022	29-NOV-2022	CA
Gravimetric Heavy Hydrocarbons			
Moisture Content	28-NOV-2022	28-NOV-2022	GU
Terphenyl	29-NOV-2022	29-NOV-2022	CA

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

Parameter	Date Prepared	Date Analyzed	Initials
Dichlorodifluoromethane	26-NOV-2022	26-NOV-2022	AG
Vinyl Chloride	26-NOV-2022	26-NOV-2022	AG
Bromomethane	26-NOV-2022	26-NOV-2022	AG
Trichlorofluoromethane	26-NOV-2022	26-NOV-2022	AG
Acetone	26-NOV-2022	26-NOV-2022	AG
1,1-Dichloroethylene	26-NOV-2022	26-NOV-2022	AG
Methylene Chloride	26-NOV-2022	26-NOV-2022	AG
Trans- 1,2-Dichloroethylene	26-NOV-2022	26-NOV-2022	AG
Methyl tert-butyl Ether	26-NOV-2022	26-NOV-2022	AG
1,1-Dichloroethane	26-NOV-2022	26-NOV-2022	AG
Methyl Ethyl Ketone	26-NOV-2022	26-NOV-2022	AG

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Sample ID	Sample Description	Sample Type	Date Sampled	Date Received
4548526	MW 202-6	Soil	18-NOV-2022	22-NOV-2022

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

Parameter	Date Prepared	Date Analyzed	Initials
Cis- 1,2-Dichloroethylene	26-NOV-2022	26-NOV-2022	AG
Chloroform	26-NOV-2022	26-NOV-2022	AG
1,2-Dichloroethane	26-NOV-2022	26-NOV-2022	AG
1,1,1-Trichloroethane	26-NOV-2022	26-NOV-2022	AG
Carbon Tetrachloride	26-NOV-2022	26-NOV-2022	AG
Benzene	26-NOV-2022	26-NOV-2022	AG
1,2-Dichloropropane	26-NOV-2022	26-NOV-2022	AG
Trichloroethylene	26-NOV-2022	26-NOV-2022	AG
Bromodichloromethane	26-NOV-2022	26-NOV-2022	AG
Methyl Isobutyl Ketone	26-NOV-2022	26-NOV-2022	AG
1,1,2-Trichloroethane	26-NOV-2022	26-NOV-2022	AG
Toluene	26-NOV-2022	26-NOV-2022	AG
Dibromochloromethane	26-NOV-2022	26-NOV-2022	AG
Ethylene Dibromide	26-NOV-2022	26-NOV-2022	AG
Tetrachloroethylene			AG
1,1,1,2-Tetrachloroethane	26-NOV-2022	26-NOV-2022	AG
Chlorobenzene	26-NOV-2022	26-NOV-2022	AG
Ethylbenzene	26-NOV-2022	26-NOV-2022	AG
m & p-Xylene	26-NOV-2022	26-NOV-2022	AG
Bromoform	26-NOV-2022	26-NOV-2022	AG
Styrene	26-NOV-2022	26-NOV-2022	AG
1,1,2,2-Tetrachloroethane	26-NOV-2022	26-NOV-2022	AG
o-Xylene	26-NOV-2022	26-NOV-2022	AG
1,3-Dichlorobenzene	26-NOV-2022	26-NOV-2022	AG
1,4-Dichlorobenzene	26-NOV-2022	26-NOV-2022	AG
1,2-Dichlorobenzene	26-NOV-2022	26-NOV-2022	AG
Xylenes (Total)	26-NOV-2022	26-NOV-2022	SYS
1,3-Dichloropropene (Cis + Trans)	26-NOV-2022	26-NOV-2022	SYS
n-Hexane	26-NOV-2022	26-NOV-2022	AG
Toluene-d8	26-NOV-2022	26-NOV-2022	AG
4-Bromofluorobenzene	26-NOV-2022	26-NOV-2022	AG
Moisture Content	28-NOV-2022	28-NOV-2022	GU

Sample ID	Sample Description	Sample Type	Date Sampled	Date Received
4548528	MW 3000	Soil	18-NOV-2022	22-NOV-2022

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

Parameter	Date Prepared	Date Analyzed	Initials
F1 (C6 - C10)	26-NOV-2022	26-NOV-2022	AG
F1 (C6 to C10) minus BTEX	26-NOV-2022	26-NOV-2022	SYS

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Sample ID	Sample Description	Sample Type	Date Sampled	Date Received
4548528	MW 3000	Soil	18-NOV-2022	22-NOV-2022

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

Parameter	Date Prepared	Date Analyzed	Initials
Toluene-d8	26-NOV-2022	26-NOV-2022	AG
F2 (C10 to C16)	29-NOV-2022	29-NOV-2022	CA
F3 (C16 to C34)	29-NOV-2022	29-NOV-2022	CA
F4 (C34 to C50)	29-NOV-2022	29-NOV-2022	CA
Gravimetric Heavy Hydrocarbons			
Moisture Content	28-NOV-2022	28-NOV-2022	GU
Terphenyl	29-NOV-2022	29-NOV-2022	CA

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

Parameter	Date Prepared	Date Analyzed	Initials
Dichlorodifluoromethane	26-NOV-2022	26-NOV-2022	AG
Vinyl Chloride	26-NOV-2022	26-NOV-2022	AG
Bromomethane	26-NOV-2022	26-NOV-2022	AG
Trichlorofluoromethane	26-NOV-2022	26-NOV-2022	AG
Acetone	26-NOV-2022	26-NOV-2022	AG
1,1-Dichloroethylene	26-NOV-2022	26-NOV-2022	AG
Methylene Chloride	26-NOV-2022	26-NOV-2022	AG
Trans- 1,2-Dichloroethylene	26-NOV-2022	26-NOV-2022	AG
Methyl tert-butyl Ether	26-NOV-2022	26-NOV-2022	AG
1,1-Dichloroethane	26-NOV-2022	26-NOV-2022	AG
Methyl Ethyl Ketone	26-NOV-2022	26-NOV-2022	AG
Cis- 1,2-Dichloroethylene	26-NOV-2022	26-NOV-2022	AG
Chloroform	26-NOV-2022	26-NOV-2022	AG
1,2-Dichloroethane	26-NOV-2022	26-NOV-2022	AG
1,1,1-Trichloroethane	26-NOV-2022	26-NOV-2022	AG
Carbon Tetrachloride	26-NOV-2022	26-NOV-2022	AG
Benzene	26-NOV-2022	26-NOV-2022	AG
1,2-Dichloropropane	26-NOV-2022	26-NOV-2022	AG
Trichloroethylene	26-NOV-2022	26-NOV-2022	AG
Bromodichloromethane	26-NOV-2022	26-NOV-2022	AG
Methyl Isobutyl Ketone	26-NOV-2022	26-NOV-2022	AG
1,1,2-Trichloroethane	26-NOV-2022	26-NOV-2022	AG
Toluene	26-NOV-2022	26-NOV-2022	AG
Dibromochloromethane	26-NOV-2022	26-NOV-2022	AG
Ethylene Dibromide	26-NOV-2022	26-NOV-2022	AG
Tetrachloroethylene			AG
1,1,1,2-Tetrachloroethane	26-NOV-2022	26-NOV-2022	AG
Chlorobenzene	26-NOV-2022	26-NOV-2022	AG
Ethylbenzene	26-NOV-2022	26-NOV-2022	AG

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CLIENT NAME: TERRAPEX ENVIRONMENTAL LIMITED

ATTENTION TO: Mike Deans

Sample ID	Sample Description	Sample Type	Date Sampled	Date Received
4548528	MW 3000	Soil	18-NOV-2022	22-NOV-2022

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

Parameter	Date Prepared	Date Analyzed	Initials
m & p-Xylene	26-NOV-2022	26-NOV-2022	AG
Bromoform	26-NOV-2022	26-NOV-2022	AG
Styrene	26-NOV-2022	26-NOV-2022	AG
1,1,2,2-Tetrachloroethane	26-NOV-2022	26-NOV-2022	AG
o-Xylene	26-NOV-2022	26-NOV-2022	AG
1,3-Dichlorobenzene	26-NOV-2022	26-NOV-2022	AG
1,4-Dichlorobenzene	26-NOV-2022	26-NOV-2022	AG
1,2-Dichlorobenzene	26-NOV-2022	26-NOV-2022	AG
Xylenes (Total)	26-NOV-2022	26-NOV-2022	SYS
1,3-Dichloropropene (Cis + Trans)	26-NOV-2022	26-NOV-2022	SYS
n-Hexane	26-NOV-2022	26-NOV-2022	AG
Toluene-d8	26-NOV-2022	26-NOV-2022	AG
4-Bromofluorobenzene	26-NOV-2022	26-NOV-2022	AG
Moisture Content	28-NOV-2022	28-NOV-2022	GU

Sample ID	Sample Description	Sample Type	Date Sampled	Date Received
4548532	MW 200	MeOH	18-NOV-2022	22-NOV-2022

O. Reg. 153(511) - VOCs (MEOH)

Parameter	Date Prepared	Date Analyzed	Initials
Dichlorodifluoromethane	29-NOV-2022	29-NOV-2022	AG
Vinyl Chloride	29-NOV-2022	29-NOV-2022	AG
Bromomethane	29-NOV-2022	29-NOV-2022	AG
Trichlorofluoromethane	29-NOV-2022	29-NOV-2022	AG
Acetone	29-NOV-2022	29-NOV-2022	AG
1,1-Dichloroethylene	29-NOV-2022	29-NOV-2022	AG
Methylene Chloride	29-NOV-2022	29-NOV-2022	AG
Trans- 1,2-Dichloroethylene	29-NOV-2022	29-NOV-2022	AG
Methyl tert-butyl Ether	29-NOV-2022	29-NOV-2022	AG
1,1-Dichloroethane	29-NOV-2022	29-NOV-2022	AG
Methyl Ethyl Ketone	29-NOV-2022	29-NOV-2022	AG
Cis- 1,2-Dichloroethylene	29-NOV-2022	29-NOV-2022	AG
Chloroform	29-NOV-2022	29-NOV-2022	AG
1,2-Dichloroethane	29-NOV-2022	29-NOV-2022	AG
1,1,1-Trichloroethane	29-NOV-2022	29-NOV-2022	AG
Carbon Tetrachloride	29-NOV-2022	29-NOV-2022	AG
Benzene	29-NOV-2022	29-NOV-2022	AG
1,2-Dichloropropane	29-NOV-2022	29-NOV-2022	AG
Trichloroethylene	29-NOV-2022	29-NOV-2022	AG
Bromodichloromethane	29-NOV-2022	29-NOV-2022	AG

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Time Markers

AGAT WORK ORDER: 22T972486
PROJECT: CT3639.00

CLIENT NAME: TERRAPEX ENVIRONMENTAL LIMITED

ATTENTION TO: Mike Deans

Sample ID	Sample Description	Sample Type	Date Sampled	Date Received
4548532	MW 200	MeOH	18-NOV-2022	22-NOV-2022

O. Reg. 153(511) - VOCs (MEOH)

Parameter	Date Prepared	Date Analyzed	Initials
Methyl Isobutyl Ketone	29-NOV-2022	29-NOV-2022	AG
1,1,2-Trichloroethane	29-NOV-2022	29-NOV-2022	AG
Toluene	29-NOV-2022	29-NOV-2022	AG
Dibromochloromethane	29-NOV-2022	29-NOV-2022	AG
Ethylene Dibromide	29-NOV-2022	29-NOV-2022	AG
Tetrachloroethylene			
1,1,1,2-Tetrachloroethane	29-NOV-2022	29-NOV-2022	AG
Chlorobenzene	29-NOV-2022	29-NOV-2022	AG
Ethylbenzene	29-NOV-2022	29-NOV-2022	AG
m & p-Xylene	29-NOV-2022	29-NOV-2022	AG
Bromoform	29-NOV-2022	29-NOV-2022	AG
Styrene	29-NOV-2022	29-NOV-2022	AG
1,1,2,2-Tetrachloroethane	29-NOV-2022	29-NOV-2022	AG
o-Xylene	29-NOV-2022	29-NOV-2022	AG
1,3-Dichlorobenzene	29-NOV-2022	29-NOV-2022	AG
1,4-Dichlorobenzene	29-NOV-2022	29-NOV-2022	AG
1,2-Dichlorobenzene	29-NOV-2022	29-NOV-2022	AG
Xylenes (Total)	29-NOV-2022	29-NOV-2022	SYS
1,3-Dichloropropene (Cis + Trans)	29-NOV-2022	29-NOV-2022	SYS
n-Hexane	29-NOV-2022	29-NOV-2022	AG
Toluene-d8	29-NOV-2022	29-NOV-2022	AG
4-Bromofluorobenzene	29-NOV-2022	29-NOV-2022	AG

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Method Summary

CLIENT NAME: TERRAPEX ENVIRONMENTAL LIMITED

AGAT WORK ORDER: 22T972486

PROJECT: CT3639.00

ATTENTION TO: Mike Deans

SAMPLING SITE:2654 Eglinton Ave W, Toronto

SAMPLED BY:Tal Litmanovitch

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

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Method Summary

CLIENT NAME: TERRAPEX ENVIRONMENTAL LIMITED

AGAT WORK ORDER: 22T972486

PROJECT: CT3639.00

ATTENTION TO: Mike Deans

SAMPLING SITE:2654 Eglinton Ave W, Toronto

SAMPLED BY:Tal Litmanovitch

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

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Method Summary

CLIENT NAME: TERRAPEX ENVIRONMENTAL LIMITED

AGAT WORK ORDER: 22T972486

PROJECT: CT3639.00

ATTENTION TO: Mike Deans

SAMPLING SITE:2654 Eglinton Ave W, Toronto

SAMPLED BY:Tal Litmanovitch

PARAMETER	AGAT S.O.P	LITERATURE REFERENCE	ANALYTICAL TECHNIQUE
Dichlorodifluoromethane	VOL-91-5002	EPA SW-846 5035 & 8260	(P&T)GC/MS
Vinyl Chloride	VOL-91-5002	EPA SW-846 5035 & 8260	(P&T)GC/MS
Bromomethane	VOL-91-5002	EPA SW-846 5035 & 8260	(P&T)GC/MS
Trichlorofluoromethane	VOL-91-5002	EPA SW-846 5035 & 8260	(P&T)GC/MS
Acetone	VOL-91-5002	EPA SW-846 5035 & 8260	(P&T)GC/MS
1,1-Dichloroethylene	VOL-91-5002	EPA SW-846 5035 & 8260	(P&T)GC/MS
Methylene Chloride	VOL-91-5002	EPA SW-846 5035 & 8260	(P&T)GC/MS
Trans- 1,2-Dichloroethylene	VOL-91-5002	EPA SW-846 5035 & 8260	(P&T)GC/MS
Methyl tert-butyl Ether	VOL-91-5002	EPA SW-846 5035 & 8260	(P&T)GC/MS
1,1-Dichloroethane	VOL-91-5002	EPA SW-846 5035 & 8260	(P&T)GC/MS
Methyl Ethyl Ketone	VOL-91-5002	EPA SW-846 5035 & 8260	(P&T)GC/MS
Cis- 1,2-Dichloroethylene	VOL-91-5002	EPA SW-846 5035 & 8260	(P&T)GC/MS
Chloroform	VOL-91-5002	EPA SW-846 5035 & 8260	(P&T)GC/MS
1,2-Dichloroethane	VOL-91-5002	EPA SW-846 5035 & 8260	(P&T)GC/MS
1,1,1-Trichloroethane	VOL-91-5002	EPA SW-846 5035 & 8260	(P&T)GC/MS
Carbon Tetrachloride	VOL-91-5002	EPA SW-846 5035 & 8260	(P&T)GC/MS
Benzene	VOL-91-5002	modified from EPA 5035C and EPA 8260D	(P&T)GC/MS
1,2-Dichloropropane	VOL-91-5002	EPA SW-846 5035 & 8260	(P&T)GC/MS
Trichloroethylene	VOL-91-5002	EPA SW-846 5035 & 8260	(P&T)GC/MS
Bromodichloromethane	VOL-91-5002	EPA SW-846 5035 & 8260	(P&T)GC/MS
Methyl Isobutyl Ketone	VOL-91-5002	EPA SW-846 5035 & 8260	(P&T)GC/MS
1,1,2-Trichloroethane	VOL-91-5002	EPA SW-846 5035 & 8260	(P&T)GC/MS
Toluene	VOL-91-5002	EPA SW-846 5035 & 8260	(P&T)GC/MS
Dibromochloromethane	VOL-91-5002	EPA SW-846 5035 & 8260	(P&T)GC/MS
Ethylene Dibromide	VOL-91-5002	EPA SW-846 5035 & 8260	(P&T)GC/MS
Tetrachloroethylene	VOL-91-5002	EPA SW-846 5035 & 8260	(P&T)GC/MS
1,1,1,2-Tetrachloroethane	VOL-91-5002	EPA SW-846 5035 & 8260	(P&T)GC/MS
Chlorobenzene	VOL-91-5002	EPA SW-846 5035 & 8260	(P&T)GC/MS
Ethylbenzene	VOL-91-5002	EPA SW-846 5035 & 8260	(P&T)GC/MS
m & p-Xylene	VOL-91-5002	EPA SW-846 5035 & 8260	(P&T)GC/MS
Bromoform	VOL-91-5002	EPA SW-846 5035 & 8260	(P&T)GC/MS
Styrene	VOL-91-5002	EPA SW-846 5035 & 8260	(P&T)GC/MS
1,1,2,2-Tetrachloroethane	VOL-91-5002	EPA SW-846 5035 & 8260	(P&T)GC/MS
o-Xylene	VOL-91-5002	EPA SW-846 5035 & 8260	(P&T)GC/MS
1,3-Dichlorobenzene	VOL-91-5002	EPA SW-846 5035 & 8260	(P&T)GC/MS
1,4-Dichlorobenzene	VOL-91-5002	EPA SW-846 5035 & 8260	(P&T)GC/MS
1,2-Dichlorobenzene	VOL-91-5002	EPA SW-846 5035 & 8260	(P&T)GC/MS
Xylenes (Total)	VOL-91-5002	EPA SW-846 5035 & 8260	(P&T)GC/MS
1,3-Dichloropropene (Cis + Trans)	VOL-91-5002	EPA SW-846 5035 & 8260	(P&T)GC/MS
n-Hexane	VOL-91-5002	EPA SW-846 5035 & 8260	(P&T)GC/MS
Toluene-d8	VOL-91-5002	modified from EPA 5030B & EPA 8260D	(P&T)GC/MS
4-Bromofluorobenzene	VOL-91-5002	modified from EPA 5030B & EPA 8260D	(P&T)GC/MS
Dichlorodifluoromethane	VOL-91-5002	modified from EPA 5035A and EPA 8260D	(P&T)GC/MS
Vinyl Chloride	VOL-91-5002	modified from EPA 5035A and EPA 8260D	(P&T)GC/MS
Bromomethane	VOL-91-5002	modified from EPA 5035A and EPA 8260D	(P&T)GC/MS

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Method Summary

CLIENT NAME: TERRAPEX ENVIRONMENTAL LIMITED

AGAT WORK ORDER: 22T972486

PROJECT: CT3639.00

ATTENTION TO: Mike Deans

SAMPLING SITE:2654 Eglinton Ave W, Toronto

SAMPLED BY:Tal Litmanovitch

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

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Method Summary

CLIENT NAME: TERRAPEX ENVIRONMENTAL LIMITED

AGAT WORK ORDER: 22T972486

PROJECT: CT3639.00

ATTENTION TO: Mike Deans

SAMPLING SITE:2654 Eglinton Ave W, Toronto

SAMPLED BY:Tal Litmanovitch

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

AGAT Laboratories
5835 Coopers Avenue
Mississauga, Ontario L4Z 1Y2
Ph: 905.712.5100 Fax: 905.712.5122
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Chain of Custody Record

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

Laboratory Use Only
Work Order #: 22T972486
Cooler Quantity: 1 cm
Arrival Temperatures: 7 | 6.9 | 6.5
Custody Seal Intact: ☐ Yes ☐ No ☐ N/A
Notes: LOOSE Ice

Report Information:
Company: Terrapex Environmental Ltd
Contact: Michael Deans
Address: 90 Scarsdale Road
Toronto, Ontario, M3B 2R7
Phone: 416 245-0011 Fax: 416 245-0012
Reports to be sent to:
1. Email: m.deans@terrapex.com
2. Email:

Regulatory Requirements:
(Please check all applicable boxes)
☒ Regulation 153/04 — Table 3 (Indicate One) — ☐ Ind/Com ☒ Res/Park ☐ Agriculture
Soil Texture (Check One): ☒ Coarse ☐ Fine
☐ Excess Soils R406 — Table (Indicate One)
☐ Regulation 558
☐ CCME
☐ Sewer Use ☐ Sanitary ☐ Storm — Region
☐ Prov. Water Quality Objectives (PWQO)
☐ Other (Indicate One)

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

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

Turnaround Time (TAT) Required:
Regular TAT ☒ 5 to 7 Business Days
Rush TAT (Rush Surchargos Apply)
☐ 3 Business Days ☐ 2 Business Days ☐ Next Business Day
OR Date Required (Rush Surcharges May Apply):
Please provide prior notification for rush TAT
**TAT is exclusive of weekends and statutory holidays*
For 'Same Day' analysis, please contact your AGAT CPM

Project Information:
Project: GT3639.00
Site Location: 2654 Eglinton Ave W, Toronto
Sampled By: Tal Litmanovitch
AGAT Quote #: Terrapex PO: —
Please note: If quotation number is not provided, client will be billed full price for analysis.

Invoice Information:
Bill To Same: Yes ☒ No ☐
Company: Terrapex Environmental Ltd.
Contact:
Address:
Email:

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

Sample Identification	Date Sampled	Time Sampled	# of Containers	Sample Matrix	Comments/ Special Instructions	Field Filtered - Metals, Hg, CrVI, DOC (Y/N)	O. Reg 153: Metals & Inorganics	O. Reg 153: Metals - ☐ CrVI, ☐ Hg, ☐ HWSB	O. Reg 153: BTEX, F1-F4 PHCs	O. Reg 153: PAHs	O. Reg 153: PCBs	O. Reg 153: VOC	O. Reg 153: Aroclors	O. Reg 558: Landfill Disposal Characterization TCLP: ☐ M&I ☐ VOCs ☐ ABNs ☐ B(a)P ☐ PCBs	O. Reg 406: Excess Soils SPLP Rainwater Leach ☐ Metals ☐ VOCs ☐ SVOCs	O. Reg 406: Excess Soils Characterization Package pH, ICPMS Metals, BTEX, F1-F4	Corrosivity: Include Moisture ☐ Sulphide ☐	PHCs F1-F4	VOCs	HOLD			Potentially Hazardous or High Concentration (Y/N)
MW201-2	Nov17/22	9:55 AM/PM	2	Soil	limited sample recovery please analyze as is	—	X			X		X						X					
MW201-5	Nov17/22	10:30 AM/PM	1	Soil		—	X			X								X					
MW1000	Nov17/22	10:30 AM/PM	1	Soil		—	X			X													
MW201-6	Nov17/22	10:45 AM/PM	2	Soil		—						X						X					
MW202-2	Nov18/22	12:45 AM/PM	3	Soil		—	X			X		X						X					
MW202-4	Nov18/22	1:15 AM/PM	2	Soil		—	X			X													
MW202-6	Nov18/22	1:45 AM/PM	2	Soil		—						X						X					
MW3000	Nov18/22	1:45 AM/PM	2	Soil		—						X						X					
MW202-8	Nov18/22	2:45 AM/PM	2	Soil	Please HOLD analysis of MW202-8 wait for further from Terrapex PM	—						X						X		X			
		AM/PM																					
MW200	Nov18/22	1:00 AM/PM	1	Soil	Methanol Blank	—													X				

Samples Relinquished By (Print Name and Sign):	Date	Time	Samples Received By (Print Name and Sign):	Date	Time
Michael Deans / MD	Nov 22/22	8:00 AM	Zaid	NOV22	3:15PM
Samples Relinquished By (Print Name and Sign):	Date	Time	Samples Received By (Print Name and Sign):	Date	Time
Samples Relinquished By (Print Name and Sign):	Date	Time	Samples Received By (Print Name and Sign):	Date	Time

Page 1 of 1
N°: T-138443

AGAT Laboratories

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CLIENT NAME: TERRAPEX ENVIRONMENTAL LIMITED
90 SCARSDALE RD
TORONTO, ON M3B2R7
(905) 474-5265

ATTENTION TO: Mike Deans

PROJECT: CT3639.00

AGAT WORK ORDER: 22T974965

TRACE ORGANICS REVIEWED BY: Neli Popnikolova, Senior Chemist

WATER ANALYSIS REVIEWED BY: Yris Verastegui, Report Reviewer

DATE REPORTED: Dec 06, 2022

PAGES (INCLUDING COVER): 30

VERSION*: 1

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

*Notes

Disclaimer:

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

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Certificate of Analysis

AGAT WORK ORDER: 22T974965
PROJECT: CT3639.00

CLIENT NAME: TERRAPEX ENVIRONMENTAL LIMITED
SAMPLING SITE:2636 Eglinton Avenue West, Toronto

ATTENTION TO: Mike Deans
SAMPLED BY:NT

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

DATE RECEIVED: 2022-11-29

DATE REPORTED: 2022-12-06

SAMPLE DESCRIPTION:				MW201	MW202	MW1000
SAMPLE TYPE:				Water	Water	Water
DATE SAMPLED:				2022-11-28 10:50	2022-11-28 11:40	2022-11-28 11:40
Parameter	Unit	G / S	RDL	4571027	4571175	4571176
Naphthalene	µg/L		0.20	<0.20	<0.20	<0.20
Acenaphthylene	µg/L		0.20	<0.20	<0.20	<0.20
Acenaphthene	µg/L		0.20	<0.20	<0.20	<0.20
Fluorene	µg/L		0.20	<0.20	<0.20	<0.20
Phenanthrene	µg/L		0.10	<0.10	<0.10	<0.10
Anthracene	µg/L		0.10	<0.10	<0.10	<0.10
Fluoranthene	µg/L		0.20	<0.20	<0.20	<0.20
Pyrene	µg/L		0.20	<0.20	<0.20	<0.20
Benzo(a)anthracene	µg/L		0.20	<0.20	<0.20	<0.20
Chrysene	µg/L		0.10	<0.10	<0.10	<0.10
Benzo(b)fluoranthene	µg/L		0.10	<0.10	<0.10	<0.10
Benzo(k)fluoranthene	µg/L		0.10	<0.10	<0.10	<0.10
Benzo(a)pyrene	µg/L		0.01	<0.01	<0.01	<0.01
Indeno(1,2,3-cd)pyrene	µg/L		0.20	<0.20	<0.20	<0.20
Dibenz(a,h)anthracene	µg/L		0.20	<0.20	<0.20	<0.20
Benzo(g,h,i)perylene	µg/L		0.20	<0.20	<0.20	<0.20
2-and 1-methyl Naphthalene	µg/L		0.20	<0.20	<0.20	<0.20
Sediment				1	1	1
Surrogate	Unit	Acceptable Limits				
Naphthalene-d8	%	50-140		76	73	64
Acridine-d9	%	50-140		95	92	85
Terphenyl-d14	%	50-140		98	91	84

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

4571027-4571176 Sediment parameter is comment only based on visual inspection of the sample prior to extraction and is not an accredited test.
Legend: 1 = no sediment present; 2 = sediment present; 3 = sediment present in trace amount
Note: The result for Benzo(b)Fluoranthene is the total of the Benzo(b)&(j)Fluoranthene isomers because the isomers co-elute on the GC column.
2- and 1-Methyl Naphthalene is a calculated parameter. The calculated value is the sum of 2-Methyl Naphthalene and 1-Methyl Naphthalene. The calculated parameter is non-accredited. The parameters that are components of the calculation are accredited.

Analysis performed at AGAT Toronto (unless marked by *)

Certified By: N Popnikolof

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CLIENT NAME: TERRAPEX ENVIRONMENTAL LIMITED

ATTENTION TO: Mike Deans

SAMPLING SITE:2636 Eglinton Avenue West, Toronto

SAMPLED BY:NT

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

DATE RECEIVED: 2022-11-29

DATE REPORTED: 2022-12-06

				SAMPLE DESCRIPTION:	MW201	MW202	MW1000
				SAMPLE TYPE:	Water	Water	Water
				DATE SAMPLED:	2022-11-28 10:50	2022-11-28 11:40	2022-11-28 11:40
Parameter	Unit	G / S	RDL		4571027	4571175	4571176
F1 (C6-C10)	µg/L		25		<25	<25	<25
F1 (C6 to C10) minus BTEX	µg/L		25		<25	<25	<25
F2 (C10 to C16)	µg/L		100		<100	<100	<100
F2 (C10 to C16) minus Naphthalene	µg/L		100		<100	<100	<100
F3 (C16 to C34)	µg/L		100		<100	<100	<100
F3 (C16 to C34) minus PAHs	µg/L		100		<100	<100	<100
F4 (C34 to C50)	µg/L		100		<100	<100	<100
Gravimetric Heavy Hydrocarbons	µg/L		500		NA	NA	NA
Sediment					1	1	1
Surrogate	Unit	Acceptable Limits					
Toluene-d8	%	50-140			94	82	88
Terphenyl	% Recovery	60-140			90	68	83

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

4571027-4571176 The C6-C10 fraction is calculated using toluene response factor.
C6–C10 (F1 minus BTEX) is a calculated parameter. The calculated value is F1 minus BTEX. The calculated parameter is non-accredited. The parameters that are components of the calculation are accredited.
The C10 - C16, C16 - C34, and C34 - C50 fractions are calculated using the average response factor for n-C10, n-C16, and n-C34.
Gravimetric Heavy Hydrocarbons are not included in the Total C16-C50 and are only determined if the chromatogram of the C34 - C50 hydrocarbons indicates that hydrocarbons >C50 are present.
The chromatogram has returned to baseline by the retention time of nC50.
Total C6 - C50 results are corrected for BTEX and PAH contributions.
C>10 – C16 (F2- Naphthalene) is a calculated parameter. The calculated value is F2 - Naphthalene.
C>16 - C34 (F3-PAH) is a calculated parameter. The calculated value is F3-PAH (PAH: sum of Phenanthrene, Benzo(a)anthracene, Benzo(b)fluoranthene, Benzo(k)fluoranthene, Benzo(a)pyrene, Fluoranthene, Dibenzo(a,h)anthracene, Indeno(1,2,3-c,d)pyrene and Pyrene).
This method complies with the Reference Method for the CWS PHC and is validated for use in the laboratory.
nC10, nC16 and nC34 response factors are within 10% of their average.
C50 response factor is within 70% of nC10 + nC16 + nC34 average.
Linearity is within 15%.
Extraction and holding times were met for this sample.

Sediment parameter is comment only based on visual inspection of the sample prior to extraction and is not an accredited test.

Analysis performed at AGAT Toronto (unless marked by *)

Certified By: NPopowkolof

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Certificate of Analysis

AGAT WORK ORDER: 22T974965

PROJECT: CT3639.00

CLIENT NAME: TERRAPEX ENVIRONMENTAL LIMITED

ATTENTION TO: Mike Deans

SAMPLING SITE:2636 Eglinton Avenue West, Toronto

SAMPLED BY:NT

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

DATE RECEIVED: 2022-11-29

DATE REPORTED: 2022-12-06

		SAMPLE DESCRIPTION:		TRIP SPIKE
		SAMPLE TYPE:		Water
		DATE SAMPLED:		2022-11-23
Parameter	Unit	G / S	RDL	4571278
Dichlorodifluoromethane	%			86.4
Vinyl Chloride	%			88.4
Bromomethane	%			90.3
Trichlorofluoromethane	%			117
Acetone	%			78.8
1,1-Dichloroethylene	%			86.8
Methylene Chloride	%			92.0
trans- 1,2-Dichloroethylene	%			99.4
Methyl tert-butyl ether	%			114
1,1-Dichloroethane	%			114
Methyl Ethyl Ketone	%			116
cis- 1,2-Dichloroethylene	%			83.6
Chloroform	%			114
1,2-Dichloroethane	%			85.8
1,1,1-Trichloroethane	%			97.4
Carbon Tetrachloride	%			107
Benzene	%			74.8
1,2-Dichloropropane	%			79.8
Trichloroethylene	%			74.8
Bromodichloromethane	%			113
Methyl Isobutyl Ketone	%			81.7
1,1,2-Trichloroethane	%			107
Toluene	%			104
Dibromochloromethane	%			98.6
Ethylene Dibromide	%			106
Tetrachloroethylene	%			99.8
1,1,1,2-Tetrachloroethane	%			106
Chlorobenzene	%			105
Ethylbenzene	%			104
m & p-Xylene	%			116

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CLIENT NAME: TERRAPEX ENVIRONMENTAL LIMITED

ATTENTION TO: Mike Deans

SAMPLING SITE:2636 Eglinton Avenue West, Toronto

SAMPLED BY:NT

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

DATE RECEIVED: 2022-11-29

DATE REPORTED: 2022-12-06

		SAMPLE DESCRIPTION:		TRIP SPIKE
		SAMPLE TYPE:		Water
		DATE SAMPLED:		2022-11-23
Parameter	Unit	G / S	RDL	4571278
Bromoform	%			96.2
Styrene	%			94.6
1,1,2,2-Tetrachloroethane	%			103
o-Xylene	%			116
1,3-Dichlorobenzene	%			110
1,4-Dichlorobenzene	%			109
1,2-Dichlorobenzene	%			113
n-Hexane	%			105
Surrogate	Unit	Acceptable Limits		
Toluene-d8	% Recovery	50-140		75
4-Bromofluorobenzene	% Recovery	50-140		92

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

4571278 Xylenes total is a calculated parameter. The calculated value is the sum of m&p-Xylene and o-Xylene.
1,3-Dichloropropene total is a calculated parameter. The calculated value is the sum of Cis-1,3-Dichloropropene and Trans-1,3-Dichloropropene.
The calculated parameter is non-accredited. The parameters that are components of the calculation are accredited.

Analysis performed at AGAT Toronto (unless marked by *)

Certified By: N Popnikolof

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CLIENT NAME: TERRAPEX ENVIRONMENTAL LIMITED
SAMPLING SITE:2636 Eglinton Avenue West, Toronto

ATTENTION TO: Mike Deans
SAMPLED BY:NT

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

DATE RECEIVED: 2022-11-29

DATE REPORTED: 2022-12-06

		SAMPLE DESCRIPTION:		TRIP BLANK
		SAMPLE TYPE:		Water
		DATE SAMPLED:		2022-11-23
Parameter	Unit	G / S	RDL	4571279
Dichlorodifluoromethane	µg/L		0.40	<0.40
Vinyl Chloride	µg/L		0.17	<0.17
Bromomethane	µg/L		0.20	<0.20
Trichlorofluoromethane	µg/L		0.40	<0.40
Acetone	µg/L		1.0	<1.0
1,1-Dichloroethylene	µg/L		0.30	<0.30
Methylene Chloride	µg/L		0.30	<0.30
trans- 1,2-Dichloroethylene	µg/L		0.20	<0.20
Methyl tert-butyl ether	µg/L		0.20	<0.20
1,1-Dichloroethane	µg/L		0.30	<0.30
Methyl Ethyl Ketone	µg/L		1.0	<1.0
cis- 1,2-Dichloroethylene	µg/L		0.20	<0.20
Chloroform	µg/L		0.20	<0.20
1,2-Dichloroethane	µg/L		0.20	<0.20
1,1,1-Trichloroethane	µg/L		0.30	<0.30
Carbon Tetrachloride	µg/L		0.20	<0.20
Benzene	µg/L		0.20	<0.20
1,2-Dichloropropane	µg/L		0.20	<0.20
Trichloroethylene	µg/L		0.20	<0.20
Bromodichloromethane	µg/L		0.20	<0.20
Methyl Isobutyl Ketone	µg/L		1.0	<1.0
1,1,2-Trichloroethane	µg/L		0.20	<0.20
Toluene	µg/L		0.20	<0.20
Dibromochloromethane	µg/L		0.10	<0.10
Ethylene Dibromide	µg/L		0.10	<0.10
Tetrachloroethylene	µg/L		0.20	<0.20
1,1,1,2-Tetrachloroethane	µg/L		0.10	<0.10
Chlorobenzene	µg/L		0.10	<0.10
Ethylbenzene	µg/L		0.10	<0.10
m & p-Xylene	µg/L		0.20	<0.20

Certified By: NPopnikolof

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Certificate of Analysis

AGAT WORK ORDER: 22T974965
PROJECT: CT3639.00

CLIENT NAME: TERRAPEX ENVIRONMENTAL LIMITED
ATTENTION TO: Mike Deans
SAMPLING SITE:2636 Eglinton Avenue West, Toronto
SAMPLED BY:NT

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

DATE RECEIVED: 2022-11-29
DATE REPORTED: 2022-12-06

		SAMPLE DESCRIPTION:		TRIP BLANK
		SAMPLE TYPE:		Water
		DATE SAMPLED:		2022-11-23
Parameter	Unit	G / S	RDL	4571279
Bromoform	µg/L		0.10	<0.10
Styrene	µg/L		0.10	<0.10
1,1,2,2-Tetrachloroethane	µg/L		0.10	<0.10
o-Xylene	µg/L		0.10	<0.10
1,3-Dichlorobenzene	µg/L		0.10	<0.10
1,4-Dichlorobenzene	µg/L		0.10	<0.10
1,2-Dichlorobenzene	µg/L		0.10	<0.10
1,3-Dichloropropene	µg/L		0.30	<0.30
Xylenes (Total)	µg/L		0.20	<0.20
n-Hexane	µg/L		0.20	<0.20
Surrogate	Unit	Acceptable Limits		
Toluene-d8	% Recovery	50-140		91
4-Bromofluorobenzene	% Recovery	50-140		102

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

4571279 Xylenes total is a calculated parameter. The calculated value is the sum of m&p-Xylene and o-Xylene.
1,3-Dichloropropene total is a calculated parameter. The calculated value is the sum of Cis-1,3-Dichloropropene and Trans-1,3-Dichloropropene.
The calculated parameter is non-accredited. The parameters that are components of the calculation are accredited.

Analysis performed at AGAT Toronto (unless marked by *)

Certified By: NPopowkolof

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CLIENT NAME: TERRAPEX ENVIRONMENTAL LIMITED
SAMPLING SITE:2636 Eglinton Avenue West, Toronto

ATTENTION TO: Mike Deans
SAMPLED BY:NT

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

DATE RECEIVED: 2022-11-29

DATE REPORTED: 2022-12-06

		SAMPLE DESCRIPTION:		MW201	MW202	MW1000
		SAMPLE TYPE:		Water	Water	Water
		DATE SAMPLED:		2022-11-28 10:50	2022-11-28 11:40	2022-11-28 11:40
Parameter	Unit	G / S	RDL	4571027	4571175	4571176
Dichlorodifluoromethane	µg/L		0.40	<0.40	<0.40	<0.40
Vinyl Chloride	µg/L		0.17	<0.17	<0.17	<0.17
Bromomethane	µg/L		0.20	<0.20	<0.20	<0.20
Trichlorofluoromethane	µg/L		0.40	<0.40	<0.40	<0.40
Acetone	µg/L		1.0	<1.0	<1.0	<1.0
1,1-Dichloroethylene	µg/L		0.30	<0.30	<0.30	<0.30
Methylene Chloride	µg/L		0.30	<0.30	<0.30	<0.30
trans- 1,2-Dichloroethylene	µg/L		0.20	<0.20	<0.20	<0.20
Methyl tert-butyl ether	µg/L		0.20	<0.20	<0.20	<0.20
1,1-Dichloroethane	µg/L		0.30	<0.30	<0.30	<0.30
Methyl Ethyl Ketone	µg/L		1.0	<1.0	<1.0	<1.0
cis- 1,2-Dichloroethylene	µg/L		0.20	<0.20	<0.20	<0.20
Chloroform	µg/L		0.20	<0.20	<0.20	<0.20
1,2-Dichloroethane	µg/L		0.20	<0.20	<0.20	<0.20
1,1,1-Trichloroethane	µg/L		0.30	<0.30	<0.30	<0.30
Carbon Tetrachloride	µg/L		0.20	<0.20	<0.20	<0.20
Benzene	µg/L		0.20	1.10	<0.20	<0.20
1,2-Dichloropropane	µg/L		0.20	<0.20	<0.20	<0.20
Trichloroethylene	µg/L		0.20	<0.20	<0.20	<0.20
Bromodichloromethane	µg/L		0.20	<0.20	<0.20	<0.20
Methyl Isobutyl Ketone	µg/L		1.0	<1.0	<1.0	<1.0
1,1,2-Trichloroethane	µg/L		0.20	<0.20	<0.20	<0.20
Toluene	µg/L		0.20	3.56	<0.20	<0.20
Dibromochloromethane	µg/L		0.10	<0.10	<0.10	<0.10
Ethylene Dibromide	µg/L		0.10	<0.10	<0.10	<0.10
Tetrachloroethylene	µg/L		0.20	<0.20	<0.20	<0.20
1,1,1,2-Tetrachloroethane	µg/L		0.10	<0.10	<0.10	<0.10
Chlorobenzene	µg/L		0.10	<0.10	<0.10	<0.10
Ethylbenzene	µg/L		0.10	<0.10	<0.10	<0.10

Certified By: NPopowkolof

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Certificate of Analysis

AGAT WORK ORDER: 22T974965

PROJECT: CT3639.00

CLIENT NAME: TERRAPEX ENVIRONMENTAL LIMITED

ATTENTION TO: Mike Deans

SAMPLING SITE:2636 Eglinton Avenue West, Toronto

SAMPLED BY:NT

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

DATE RECEIVED: 2022-11-29

DATE REPORTED: 2022-12-06

				SAMPLE DESCRIPTION:	MW201	MW202	MW1000
				SAMPLE TYPE:	Water	Water	Water
				DATE SAMPLED:	2022-11-28 10:50	2022-11-28 11:40	2022-11-28 11:40
Parameter	Unit	G / S	RDL		4571027	4571175	4571176
m & p-Xylene	µg/L		0.20		0.74	<0.20	<0.20
Bromoform	µg/L		0.10		<0.10	<0.10	<0.10
Styrene	µg/L		0.10		<0.10	<0.10	<0.10
1,1,2,2-Tetrachloroethane	µg/L		0.10		<0.10	<0.10	<0.10
o-Xylene	µg/L		0.10		<0.10	<0.10	<0.10
1,3-Dichlorobenzene	µg/L		0.10		<0.10	<0.10	<0.10
1,4-Dichlorobenzene	µg/L		0.10		<0.10	<0.10	<0.10
1,2-Dichlorobenzene	µg/L		0.10		<0.10	<0.10	<0.10
1,3-Dichloropropene	µg/L		0.30		<0.30	<0.30	<0.30
Xylenes (Total)	µg/L		0.20		0.74	<0.20	<0.20
n-Hexane	µg/L		0.20		<0.20	<0.20	<0.20
Surrogate	Unit	Acceptable Limits					
Toluene-d8	% Recovery	50-140			94	82	88
4-Bromofluorobenzene	% Recovery	50-140			92	87	84

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

4571027-4571176 Xylenes total is a calculated parameter. The calculated value is the sum of m&p-Xylene and o-Xylene.
1,3-Dichloropropene total is a calculated parameter. The calculated value is the sum of Cis-1,3-Dichloropropene and Trans-1,3-Dichloropropene.
The calculated parameter is non-accredited. The parameters that are components of the calculation are accredited.

Analysis performed at AGAT Toronto (unless marked by *)

Certified By: N Popnikolof

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Certificate of Analysis

AGAT WORK ORDER: 22T974965
PROJECT: CT3639.00

CLIENT NAME: TERRAPEX ENVIRONMENTAL LIMITED
SAMPLING SITE:2636 Eglinton Avenue West, Toronto

ATTENTION TO: Mike Deans
SAMPLED BY:NT

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

DATE RECEIVED: 2022-11-29

DATE REPORTED: 2022-12-06

SAMPLE DESCRIPTION:				MW201		MW202	MW1000
SAMPLE TYPE:				Water		Water	Water
DATE SAMPLED:				2022-11-28 10:50		2022-11-28 11:40	2022-11-28 11:40
Parameter	Unit	G / S	RDL	4571027	RDL	4571175	4571176
Dissolved Antimony	µg/L		1.0	<1.0	1.0	<1.0	<1.0
Dissolved Arsenic	µg/L		1.0	<1.0	1.0	<1.0	<1.0
Dissolved Barium	µg/L		2.0	80.6	2.0	70.2	71.2
Dissolved Beryllium	µg/L		0.50	<0.50	0.50	<0.50	<0.50
Dissolved Boron	µg/L		10.0	75.7	10.0	38.7	40.2
Dissolved Cadmium	µg/L		0.20	<0.20	0.20	0.54	0.24
Dissolved Chromium	µg/L		2.0	<2.0	2.0	<2.0	<2.0
Dissolved Cobalt	µg/L		0.50	<0.50	0.50	<0.50	<0.50
Dissolved Copper	µg/L		1.0	<1.0	1.0	<1.0	<1.0
Dissolved Lead	µg/L		0.50	<0.50	0.50	<0.50	<0.50
Dissolved Molybdenum	µg/L		0.50	1.41	0.50	1.75	1.73
Dissolved Nickel	µg/L		1.0	<1.0	1.0	1.8	<1.0
Dissolved Selenium	µg/L		1.0	<1.0	1.0	<1.0	<1.0
Dissolved Silver	µg/L		0.20	<0.20	0.20	<0.20	<0.20
Dissolved Thallium	µg/L		0.30	<0.30	0.30	<0.30	<0.30
Dissolved Uranium	µg/L		0.50	0.88	0.50	<0.50	<0.50
Dissolved Vanadium	µg/L		0.40	<0.40	0.40	<0.40	<0.40
Dissolved Zinc	µg/L		5.0	<5.0	5.0	12.3	<5.0
Mercury	µg/L		0.02	<0.02	0.02	<0.02	<0.02
Chromium VI	µg/L		2.000	<2.000	2.000	<2.000	<2.000
Cyanide, WAD	µg/L		2	<2	2	<2	<2
Dissolved Sodium	µg/L		500	619000	50	341000	354000
Chloride	µg/L		122	830000	100	579000	582000
Electrical Conductivity	uS/cm		2	3980	2	2410	2400
pH	pH Units		NA	7.36	NA	7.52	7.53

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

4571027-4571176 Metals analysis completed on a filtered sample.
Dilution required, RDL has been increased accordingly.

Analysis performed at AGAT Toronto (unless marked by *)

Certified By: Iris Verástegui

AGAT Laboratories

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Quality Assurance

CLIENT NAME: TERRAPEX ENVIRONMENTAL LIMITED

AGAT WORK ORDER: 22T974965

PROJECT: CT3639.00

ATTENTION TO: Mike Deans

SAMPLING SITE:2636 Eglinton Avenue West, Toronto

SAMPLED BY:NT

Trace Organics Analysis

RPT Date: Dec 06, 2022			DUPLICATE				REFERENCE MATERIAL			METHOD BLANK SPIKE			MATRIX SPIKE		
PARAMETER	Batch	Sample Id	Dup #1	Dup #2	RPD	Method Blank	Measured Value	Acceptable Limits		Recovery	Acceptable Limits		Recovery	Acceptable Limits	
								Lower	Upper		Lower	Upper		Lower	Upper
O. Reg. 153(511) - PHCs F1 - F4 (with PAHs and VOC) (Water)															
F1 (C6-C10)	4569729		<25	<25	NA	< 25	94%	60%	140%	93%	60%	140%	95%	60%	140%
F2 (C10 to C16)	4568266		174	223	NA	< 100	104%	60%	140%	61%	60%	140%	66%	60%	140%
F3 (C16 to C34)	4568266		<100	<100	NA	< 100	107%	60%	140%	72%	60%	140%	79%	60%	140%
F4 (C34 to C50)	4568266		<100	<100	NA	< 100	100%	60%	140%	98%	60%	140%	81%	60%	140%
O. Reg. 153(511) - VOCs (with PHC) (Water)															
Dichlorodifluoromethane	4569729		<0.40	<0.40	NA	< 0.40	86%	50%	140%	112%	50%	140%	80%	50%	140%
Vinyl Chloride	4569729		<0.17	<0.17	NA	< 0.17	75%	50%	140%	104%	50%	140%	93%	50%	140%
Bromomethane	4569729		<0.20	<0.20	NA	< 0.20	74%	50%	140%	85%	50%	140%	99%	50%	140%
Trichlorofluoromethane	4569729		<0.40	<0.40	NA	< 0.40	78%	50%	140%	100%	50%	140%	95%	50%	140%
Acetone	4569729		<1.0	<1.0	NA	< 1.0	101%	50%	140%	78%	50%	140%	100%	50%	140%
1,1-Dichloroethylene	4569729		<0.30	<0.30	NA	< 0.30	82%	50%	140%	98%	60%	130%	109%	50%	140%
Methylene Chloride	4569729		<0.30	<0.30	NA	< 0.30	100%	50%	140%	96%	60%	130%	107%	50%	140%
trans- 1,2-Dichloroethylene	4569729		<0.20	<0.20	NA	< 0.20	112%	50%	140%	113%	60%	130%	101%	50%	140%
Methyl tert-butyl ether	4569729		<0.20	<0.20	NA	< 0.20	108%	50%	140%	113%	60%	130%	112%	50%	140%
1,1-Dichloroethane	4569729		<0.30	<0.30	NA	< 0.30	113%	50%	140%	117%	60%	130%	110%	50%	140%
Methyl Ethyl Ketone	4569729		<1.0	<1.0	NA	< 1.0	89%	50%	140%	103%	50%	140%	102%	50%	140%
cis- 1,2-Dichloroethylene	4569729		<0.20	<0.20	NA	< 0.20	89%	50%	140%	93%	60%	130%	91%	50%	140%
Chloroform	4569729		<0.20	<0.20	NA	< 0.20	99%	50%	140%	106%	60%	130%	109%	50%	140%
1,2-Dichloroethane	4569729		<0.20	<0.20	NA	< 0.20	98%	50%	140%	84%	60%	130%	91%	50%	140%
1,1,1-Trichloroethane	4569729		<0.30	<0.30	NA	< 0.30	75%	50%	140%	90%	60%	130%	111%	50%	140%
Carbon Tetrachloride	4569729		<0.20	<0.20	NA	< 0.20	116%	50%	140%	71%	60%	130%	101%	50%	140%
Benzene	4569729		<0.20	<0.20	NA	< 0.20	82%	50%	140%	89%	60%	130%	85%	50%	140%
1,2-Dichloropropane	4569729		<0.20	<0.20	NA	< 0.20	93%	50%	140%	94%	60%	130%	83%	50%	140%
Trichloroethylene	4569729		<0.20	<0.20	NA	< 0.20	73%	50%	140%	85%	60%	130%	87%	50%	140%
Bromodichloromethane	4569729		<0.20	<0.20	NA	< 0.20	111%	50%	140%	106%	60%	130%	106%	50%	140%
Methyl Isobutyl Ketone	4569729		<1.0	<1.0	NA	< 1.0	80%	50%	140%	101%	50%	140%	80%	50%	140%
1,1,2-Trichloroethane	4569729		<0.20	<0.20	NA	< 0.20	105%	50%	140%	113%	60%	130%	86%	50%	140%
Toluene	4569729		<0.20	<0.20	NA	< 0.20	81%	50%	140%	116%	60%	130%	83%	50%	140%
Dibromochloromethane	4569729		<0.10	<0.10	NA	< 0.10	87%	50%	140%	104%	60%	130%	97%	50%	140%
Ethylene Dibromide	4569729		<0.10	<0.10	NA	< 0.10	102%	50%	140%	112%	60%	130%	84%	50%	140%
Tetrachloroethylene	4569729		<0.20	<0.20	NA	< 0.20	73%	50%	140%	115%	60%	130%	105%	50%	140%
1,1,1,2-Tetrachloroethane	4569729		<0.10	<0.10	NA	< 0.10	82%	50%	140%	104%	60%	130%	95%	50%	140%
Chlorobenzene	4569729		<0.10	<0.10	NA	< 0.10	92%	50%	140%	117%	60%	130%	84%	50%	140%
Ethylbenzene	4569729		<0.10	<0.10	NA	< 0.10	76%	50%	140%	114%	60%	130%	87%	50%	140%
m & p-Xylene	4569729		<0.20	<0.20	NA	< 0.20	84%	50%	140%	112%	60%	130%	93%	50%	140%
Bromoform	4569729		<0.10	<0.10	NA	< 0.10	96%	50%	140%	105%	60%	130%	118%	50%	140%
Styrene	4569729		<0.10	<0.10	NA	< 0.10	80%	50%	140%	108%	60%	130%	82%	50%	140%
1,1,2,2-Tetrachloroethane	4569729		<0.10	<0.10	NA	< 0.10	110%	50%	140%	111%	60%	130%	88%	50%	140%
o-Xylene	4569729		<0.10	<0.10	NA	< 0.10	90%	50%	140%	115%	60%	130%	89%	50%	140%

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Quality Assurance

CLIENT NAME: TERRAPEX ENVIRONMENTAL LIMITED

AGAT WORK ORDER: 22T974965

PROJECT: CT3639.00

ATTENTION TO: Mike Deans

SAMPLING SITE:2636 Eglinton Avenue West, Toronto

SAMPLED BY:NT

Trace Organics Analysis (Continued)

RPT Date: Dec 06, 2022			DUPLICATE				REFERENCE MATERIAL			METHOD BLANK SPIKE			MATRIX SPIKE		
PARAMETER	Batch	Sample Id	Dup #1	Dup #2	RPD	Method Blank	Measured Value	Acceptable Limits		Recovery	Acceptable Limits		Recovery	Acceptable Limits	
								Lower	Upper		Lower	Upper		Lower	Upper
1,3-Dichlorobenzene	4569729		<0.10	<0.10	NA	< 0.10	100%	50%	140%	106%	60%	130%	90%	50%	140%
1,4-Dichlorobenzene	4569729		<0.10	<0.10	NA	< 0.10	103%	50%	140%	109%	60%	130%	91%	50%	140%
1,2-Dichlorobenzene	4569729		<0.10	<0.10	NA	< 0.10	106%	50%	140%	111%	60%	130%	88%	50%	140%
n-Hexane	4569729		<0.20	<0.20	NA	< 0.20	106%	50%	140%	83%	60%	130%	99%	50%	140%
O. Reg. 153(511) - PAHs (Water)															
Naphthalene	4569713		42.4	42.0	1.1%	< 0.20	105%	50%	140%	108%	50%	140%	101%	50%	140%
Acenaphthylene	4569713		2.00	1.67	18.2%	< 0.20	96%	50%	140%	102%	50%	140%	87%	50%	140%
Acenaphthene	4569713		9.33	7.89	16.8%	< 0.20	92%	50%	140%	119%	50%	140%	78%	50%	140%
Fluorene	4569713		17.4	15.0	15.1%	< 0.20	82%	50%	140%	115%	50%	140%	72%	50%	140%
Phenanthrene	4569713		23.2	19.8	16.0%	< 0.10	82%	50%	140%	116%	50%	140%	71%	50%	140%
Anthracene	4569713		1.22	1.22	0.0%	< 0.10	75%	50%	140%	109%	50%	140%	68%	50%	140%
Fluoranthene	4569713		0.56	0.67	NA	< 0.20	74%	50%	140%	105%	50%	140%	70%	50%	140%
Pyrene	4569713		4.89	4.33	12.0%	< 0.20	76%	50%	140%	114%	50%	140%	72%	50%	140%
Benzo(a)anthracene	4569713		<0.20	<0.20	NA	< 0.20	62%	50%	140%	107%	50%	140%	74%	50%	140%
Chrysene	4569713		<0.10	<0.10	NA	< 0.10	67%	50%	140%	94%	50%	140%	77%	50%	140%
Benzo(b)fluoranthene	4569713		<0.10	<0.10	NA	< 0.10	65%	50%	140%	80%	50%	140%	89%	50%	140%
Benzo(k)fluoranthene	4569713		<0.10	<0.10	NA	< 0.10	96%	50%	140%	99%	50%	140%	103%	50%	140%
Benzo(a)pyrene	4569713		<0.01	<0.01	NA	< 0.01	77%	50%	140%	90%	50%	140%	99%	50%	140%
Indeno(1,2,3-cd)pyrene	4569713		<0.20	<0.20	NA	< 0.20	77%	50%	140%	90%	50%	140%	82%	50%	140%
Dibenz(a,h)anthracene	4569713		<0.20	<0.20	NA	< 0.20	76%	50%	140%	82%	50%	140%	92%	50%	140%
Benzo(g,h,i)perylene	4569713		<0.20	<0.20	NA	< 0.20	83%	50%	140%	94%	50%	140%	89%	50%	140%
Comments: When the average of the sample and duplicate results is less than 5x the RDL, the Relative Percent Difference (RPD) will be indicated as Not Applicable (NA).															
O. Reg. 153(511) - VOCs (Water)															
Dichlorodifluoromethane	4566622		<0.40	<0.40	NA	< 0.40	120%	50%	140%	111%	50%	140%	71%	50%	140%
Vinyl Chloride	4566622		<0.17	<0.17	NA	< 0.17	91%	50%	140%	89%	50%	140%	96%	50%	140%
Bromomethane	4566622		<0.20	<0.20	NA	< 0.20	74%	50%	140%	116%	50%	140%	86%	50%	140%
Trichlorofluoromethane	4566622		<0.40	<0.40	NA	< 0.40	85%	50%	140%	91%	50%	140%	86%	50%	140%
Acetone	4566622		<1.0	<1.0	NA	< 1.0	85%	50%	140%	92%	50%	140%	103%	50%	140%
1,1-Dichloroethylene	4566622		<0.30	<0.30	NA	< 0.30	75%	50%	140%	105%	60%	130%	99%	50%	140%
Methylene Chloride	4566622		<0.30	<0.30	NA	< 0.30	104%	50%	140%	102%	60%	130%	103%	50%	140%
trans- 1,2-Dichloroethylene	4566622		<0.20	<0.20	NA	< 0.20	99%	50%	140%	108%	60%	130%	116%	50%	140%
Methyl tert-butyl ether	4566622		<0.20	<0.20	NA	< 0.20	118%	50%	140%	111%	60%	130%	112%	50%	140%
1,1-Dichloroethane	4566622		<0.30	<0.30	NA	< 0.30	96%	50%	140%	95%	60%	130%	106%	50%	140%
Methyl Ethyl Ketone	4566622		<1.0	<1.0	NA	< 1.0	92%	50%	140%	81%	50%	140%	85%	50%	140%
cis- 1,2-Dichloroethylene	4566622		<0.20	<0.20	NA	< 0.20	88%	50%	140%	77%	60%	130%	101%	50%	140%
Chloroform	4566622		<0.20	<0.20	NA	< 0.20	102%	50%	140%	93%	60%	130%	105%	50%	140%
1,2-Dichloroethane	4566622		<0.20	<0.20	NA	< 0.20	114%	50%	140%	86%	60%	130%	114%	50%	140%
1,1,1-Trichloroethane	4566622		<0.30	<0.30	NA	< 0.30	115%	50%	140%	115%	60%	130%	111%	50%	140%

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Quality Assurance

CLIENT NAME: TERRAPEX ENVIRONMENTAL LIMITED

AGAT WORK ORDER: 22T974965

PROJECT: CT3639.00

ATTENTION TO: Mike Deans

SAMPLING SITE:2636 Eglinton Avenue West, Toronto

SAMPLED BY:NT

Trace Organics Analysis (Continued)

RPT Date: Dec 06, 2022			DUPLICATE				REFERENCE MATERIAL			METHOD BLANK SPIKE			MATRIX SPIKE		
PARAMETER	Batch	Sample Id	Dup #1	Dup #2	RPD	Method Blank	Measured Value	Acceptable Limits		Recovery	Acceptable Limits		Recovery	Acceptable Limits	
								Lower	Upper		Lower	Upper		Lower	Upper
Carbon Tetrachloride	4566622		<0.20	<0.20	NA	< 0.20	113%	50%	140%	115%	60%	130%	109%	50%	140%
Benzene	4566622		<0.20	<0.20	NA	< 0.20	97%	50%	140%	93%	60%	130%	91%	50%	140%
1,2-Dichloropropane	4566622		<0.20	<0.20	NA	< 0.20	112%	50%	140%	92%	60%	130%	94%	50%	140%
Trichloroethylene	4566622		<0.20	<0.20	NA	< 0.20	93%	50%	140%	88%	60%	130%	112%	50%	140%
Bromodichloromethane	4566622		<0.20	<0.20	NA	< 0.20	101%	50%	140%	119%	60%	130%	102%	50%	140%
Methyl Isobutyl Ketone	4566622		<1.0	<1.0	NA	< 1.0	94%	50%	140%	93%	50%	140%	94%	50%	140%
1,1,2-Trichloroethane	4566622		<0.20	<0.20	NA	< 0.20	113%	50%	140%	111%	60%	130%	105%	50%	140%
Toluene	4566622		<0.20	<0.20	NA	< 0.20	108%	50%	140%	110%	60%	130%	102%	50%	140%
Dibromochloromethane	4566622		<0.10	<0.10	NA	< 0.10	113%	50%	140%	98%	60%	130%	99%	50%	140%
Ethylene Dibromide	4566622		<0.10	<0.10	NA	< 0.10	112%	50%	140%	107%	60%	130%	102%	50%	140%
Tetrachloroethylene	4566622		<0.20	<0.20	NA	< 0.20	92%	50%	140%	104%	60%	130%	95%	50%	140%
1,1,1,2-Tetrachloroethane	4566622		<0.10	<0.10	NA	< 0.10	117%	50%	140%	104%	60%	130%	101%	50%	140%
Chlorobenzene	4566622		<0.10	<0.10	NA	< 0.10	117%	50%	140%	111%	60%	130%	105%	50%	140%
Ethylbenzene	4566622		<0.10	<0.10	NA	< 0.10	95%	50%	140%	98%	60%	130%	98%	50%	140%
m & p-Xylene	4566622		<0.20	<0.20	NA	< 0.20	97%	50%	140%	102%	60%	130%	109%	50%	140%
Bromoform	4566622		<0.10	<0.10	NA	< 0.10	103%	50%	140%	93%	60%	130%	94%	50%	140%
Styrene	4566622		<0.10	<0.10	NA	< 0.10	82%	50%	140%	78%	60%	130%	84%	50%	140%
1,1,2,2-Tetrachloroethane	4566622		<0.10	<0.10	NA	< 0.10	110%	50%	140%	107%	60%	130%	102%	50%	140%
o-Xylene	4566622		<0.10	<0.10	NA	< 0.10	104%	50%	140%	100%	60%	130%	109%	50%	140%
1,3-Dichlorobenzene	4566622		<0.10	<0.10	NA	< 0.10	105%	50%	140%	100%	60%	130%	109%	50%	140%
1,4-Dichlorobenzene	4566622		<0.10	<0.10	NA	< 0.10	108%	50%	140%	101%	60%	130%	108%	50%	140%
1,2-Dichlorobenzene	4566622		<0.10	<0.10	NA	< 0.10	110%	50%	140%	97%	60%	130%	110%	50%	140%
n-Hexane	4566622		<0.20	<0.20	NA	< 0.20	79%	50%	140%	82%	60%	130%	72%	50%	140%

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Quality Assurance

CLIENT NAME: TERRAPEX ENVIRONMENTAL LIMITED

AGAT WORK ORDER: 22T974965

PROJECT: CT3639.00

ATTENTION TO: Mike Deans

SAMPLING SITE:2636 Eglinton Avenue West, Toronto

SAMPLED BY:NT

Water Analysis

RPT Date: Dec 06, 2022			DUPLICATE				REFERENCE MATERIAL			METHOD BLANK SPIKE			MATRIX SPIKE		
PARAMETER	Batch	Sample Id	Dup #1	Dup #2	RPD	Method Blank	Measured Value	Acceptable Limits		Recovery	Acceptable Limits		Recovery	Acceptable Limits	
								Lower	Upper		Lower	Upper		Lower	Upper
O. Reg. 153(511) - Metals & Inorganics (Water)															
Dissolved Antimony	4565008		< 1.0	< 1.0	NA	< 1.0	104%	70%	130%	107%	80%	120%	107%	70%	130%
Dissolved Arsenic	4565008		8.2	8.2	0.0%	< 1.0	102%	70%	130%	98%	80%	120%	105%	70%	130%
Dissolved Barium	4565008		18.5	19.3	4.2%	< 2.0	106%	70%	130%	105%	80%	120%	109%	70%	130%
Dissolved Beryllium	4565008		< 0.50	< 0.50	NA	< 0.50	115%	70%	130%	120%	80%	120%	116%	70%	130%
Dissolved Boron	4565008		19.2	22.7	NA	< 10.0	119%	70%	130%	115%	80%	120%	120%	70%	130%
Dissolved Cadmium	4565008		< 0.20	< 0.20	NA	< 0.20	100%	70%	130%	100%	80%	120%	104%	70%	130%
Dissolved Chromium	4565008		< 2.0	< 2.0	NA	< 2.0	98%	70%	130%	95%	80%	120%	99%	70%	130%
Dissolved Cobalt	4565008		5.36	5.70	6.1%	< 0.50	101%	70%	130%	97%	80%	120%	105%	70%	130%
Dissolved Copper	4565008		< 1.0	< 1.0	NA	< 1.0	101%	70%	130%	93%	80%	120%	101%	70%	130%
Dissolved Lead	4565008		< 0.50	< 0.50	NA	< 0.50	102%	70%	130%	108%	80%	120%	102%	70%	130%
Dissolved Molybdenum	4565008		1.46	0.64	NA	< 0.50	102%	70%	130%	97%	80%	120%	109%	70%	130%
Dissolved Nickel	4565008		4.4	3.0	NA	< 1.0	91%	70%	130%	94%	80%	120%	94%	70%	130%
Dissolved Selenium	4565008		< 1.0	< 1.0	NA	< 1.0	102%	70%	130%	103%	80%	120%	108%	70%	130%
Dissolved Silver	4565008		< 0.20	< 0.20	NA	< 0.20	97%	70%	130%	93%	80%	120%	96%	70%	130%
Dissolved Thallium	4565008		< 0.30	< 0.30	NA	< 0.30	107%	70%	130%	116%	80%	120%	109%	70%	130%
Dissolved Uranium	4565008		< 0.50	< 0.50	NA	< 0.50	96%	70%	130%	107%	80%	120%	105%	70%	130%
Dissolved Vanadium	4565008		0.49	<0.40	NA	< 0.40	104%	70%	130%	101%	80%	120%	112%	70%	130%
Dissolved Zinc	4565008		26.8	24.8	NA	< 5.0	96%	70%	130%	102%	80%	120%	121%	70%	130%
Mercury	4571027	4571027	<0.02	<0.02	NA	< 0.02	101%	70%	130%	97%	80%	120%	98%	70%	130%
Chromium VI	4571027	4571027	<2.000	<2.000	NA	< 2	102%	70%	130%	109%	80%	120%	110%	70%	130%
Cyanide, WAD	4571027	4571027	<2	<2	NA	< 2	106%	70%	130%	98%	80%	120%	98%	70%	130%
Dissolved Sodium	4565008		63000	66400	5.3%	< 50	93%	70%	130%	113%	80%	120%	112%	70%	130%
Chloride	4573119		174000	172000	1.2%	< 100	95%	70%	130%	97%	80%	120%	101%	70%	130%
Electrical Conductivity	4568918		316	317	0.3%	< 2	101%	90%	110%						
pH	4568918		7.88	7.83	0.6%	NA	102%	90%	110%						

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

Certified By: Iris Verástegui

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Time Markers

AGAT WORK ORDER: 22T974965
PROJECT: CT3639.00

CLIENT NAME: TERRAPEX ENVIRONMENTAL LIMITED

ATTENTION TO: Mike Deans

Sample ID	Sample Description	Sample Type	Date Sampled	Date Received
4571027	MW201	Water	28-NOV-2022	29-NOV-2022

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

Parameter	Date Prepared	Date Analyzed	Initials
Dissolved Antimony	29-NOV-2022	29-NOV-2022	CC
Dissolved Arsenic	29-NOV-2022	29-NOV-2022	CC
Dissolved Barium	29-NOV-2022	29-NOV-2022	CC
Dissolved Beryllium	29-NOV-2022	29-NOV-2022	CC
Dissolved Boron	29-NOV-2022	29-NOV-2022	CC
Dissolved Cadmium	29-NOV-2022	29-NOV-2022	CC
Dissolved Chromium	29-NOV-2022	29-NOV-2022	CC
Dissolved Cobalt	29-NOV-2022	29-NOV-2022	CC
Dissolved Copper	29-NOV-2022	29-NOV-2022	CC
Dissolved Lead	29-NOV-2022	29-NOV-2022	CC
Dissolved Molybdenum	29-NOV-2022	29-NOV-2022	CC
Dissolved Nickel	29-NOV-2022	29-NOV-2022	CC
Dissolved Selenium	29-NOV-2022	29-NOV-2022	CC
Dissolved Silver	29-NOV-2022	29-NOV-2022	CC
Dissolved Thallium	29-NOV-2022	29-NOV-2022	CC
Dissolved Uranium	29-NOV-2022	29-NOV-2022	CC
Dissolved Vanadium	29-NOV-2022	29-NOV-2022	CC
Dissolved Zinc	29-NOV-2022	29-NOV-2022	CC
Mercury	30-NOV-2022	30-NOV-2022	DL
Chromium VI	30-NOV-2022	30-NOV-2022	WZ
Cyanide, WAD	06-DEC-2022	06-DEC-2022	BG
Dissolved Sodium	30-NOV-2022	30-NOV-2022	CC
Chloride	30-NOV-2022	30-NOV-2022	LC
Electrical Conductivity	30-NOV-2022	30-NOV-2022	ND
pH	30-NOV-2022	30-NOV-2022	ND

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

Parameter	Date Prepared	Date Analyzed	Initials
Naphthalene	03-DEC-2022	03-DEC-2022	NS
Acenaphthylene	03-DEC-2022	03-DEC-2022	NS
Acenaphthene	03-DEC-2022	03-DEC-2022	NS
Fluorene	03-DEC-2022	03-DEC-2022	NS
Phenanthrene	03-DEC-2022	03-DEC-2022	NS
Anthracene	03-DEC-2022	03-DEC-2022	NS
Fluoranthene	03-DEC-2022	03-DEC-2022	NS
Pyrene	03-DEC-2022	03-DEC-2022	NS
Benzo(a)anthracene	03-DEC-2022	03-DEC-2022	NS
Chrysene	03-DEC-2022	03-DEC-2022	NS
Benzo(b)fluoranthene	03-DEC-2022	03-DEC-2022	NS

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CLIENT NAME: TERRAPEX ENVIRONMENTAL LIMITED

ATTENTION TO: Mike Deans

Sample ID	Sample Description	Sample Type	Date Sampled	Date Received
4571027	MW201	Water	28-NOV-2022	29-NOV-2022

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

Parameter	Date Prepared	Date Analyzed	Initials
Benzo(k)fluoranthene	03-DEC-2022	03-DEC-2022	NS
Benzo(a)pyrene	03-DEC-2022	03-DEC-2022	NS
Indeno(1,2,3-cd)pyrene	03-DEC-2022	03-DEC-2022	NS
Dibenz(a,h)anthracene	03-DEC-2022	03-DEC-2022	NS
Benzo(g,h,i)perylene	03-DEC-2022	03-DEC-2022	NS
2-and 1-methyl Naphthalene	03-DEC-2022	03-DEC-2022	SYS
Naphthalene-d8	03-DEC-2022	03-DEC-2022	NS
Acridine-d9	03-DEC-2022	03-DEC-2022	NS
Terphenyl-d14	03-DEC-2022	03-DEC-2022	NS
Sediment	05-DEC-2022	05-DEC-2022	NS

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

Parameter	Date Prepared	Date Analyzed	Initials
F1 (C6-C10)	05-DEC-2022	05-DEC-2022	AG
F1 (C6 to C10) minus BTEX	05-DEC-2022	05-DEC-2022	SYS
Toluene-d8	05-DEC-2022	05-DEC-2022	AG
F2 (C10 to C16)	06-DEC-2022	06-DEC-2022	CA
F2 (C10 to C16) minus Naphthalene	06-DEC-2022	06-DEC-2022	SYS
F3 (C16 to C34)	06-DEC-2022	06-DEC-2022	CA
F3 (C16 to C34) minus PAHs	06-DEC-2022	06-DEC-2022	SYS
F4 (C34 to C50)	06-DEC-2022	06-DEC-2022	CA
Gravimetric Heavy Hydrocarbons			
Terphenyl	06-DEC-2022	06-DEC-2022	CA
Sediment	05-DEC-2022	05-DEC-2022	NS

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

Parameter	Date Prepared	Date Analyzed	Initials
Dichlorodifluoromethane	05-DEC-2022	05-DEC-2022	AG
Vinyl Chloride	05-DEC-2022	05-DEC-2022	AG
Bromomethane	05-DEC-2022	05-DEC-2022	AG
Trichlorofluoromethane	05-DEC-2022	05-DEC-2022	AG
Acetone	05-DEC-2022	05-DEC-2022	AG
1,1-Dichloroethylene	05-DEC-2022	05-DEC-2022	AG
Methylene Chloride	05-DEC-2022	05-DEC-2022	AG
trans- 1,2-Dichloroethylene	05-DEC-2022	05-DEC-2022	AG
Methyl tert-butyl ether	05-DEC-2022	05-DEC-2022	AG
1,1-Dichloroethane	05-DEC-2022	05-DEC-2022	AG
Methyl Ethyl Ketone	05-DEC-2022	05-DEC-2022	AG
cis- 1,2-Dichloroethylene	05-DEC-2022	05-DEC-2022	AG

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CLIENT NAME: TERRAPEX ENVIRONMENTAL LIMITED

ATTENTION TO: Mike Deans

Sample ID	Sample Description	Sample Type	Date Sampled	Date Received
4571027	MW201	Water	28-NOV-2022	29-NOV-2022

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

Parameter	Date Prepared	Date Analyzed	Initials
Chloroform	05-DEC-2022	05-DEC-2022	AG
1,2-Dichloroethane	05-DEC-2022	05-DEC-2022	AG
1,1,1-Trichloroethane	05-DEC-2022	05-DEC-2022	AG
Carbon Tetrachloride	05-DEC-2022	05-DEC-2022	AG
Benzene	05-DEC-2022	05-DEC-2022	AG
1,2-Dichloropropane	05-DEC-2022	05-DEC-2022	AG
Trichloroethylene	05-DEC-2022	05-DEC-2022	AG
Bromodichloromethane	05-DEC-2022	05-DEC-2022	AG
Methyl Isobutyl Ketone	05-DEC-2022	05-DEC-2022	AG
1,1,2-Trichloroethane	05-DEC-2022	05-DEC-2022	AG
Toluene	05-DEC-2022	05-DEC-2022	AG
Dibromochloromethane	05-DEC-2022	05-DEC-2022	AG
Ethylene Dibromide	05-DEC-2022	05-DEC-2022	AG
Tetrachloroethylene	05-DEC-2022	05-DEC-2022	AG
1,1,1,2-Tetrachloroethane	05-DEC-2022	05-DEC-2022	AG
Chlorobenzene	05-DEC-2022	05-DEC-2022	AG
Ethylbenzene	05-DEC-2022	05-DEC-2022	AG
m & p-Xylene	05-DEC-2022	05-DEC-2022	AG
Bromoform	05-DEC-2022	05-DEC-2022	AG
Styrene	05-DEC-2022	05-DEC-2022	AG
1,1,2,2-Tetrachloroethane	05-DEC-2022	05-DEC-2022	AG
o-Xylene	05-DEC-2022	05-DEC-2022	AG
1,3-Dichlorobenzene	05-DEC-2022	05-DEC-2022	AG
1,4-Dichlorobenzene	05-DEC-2022	05-DEC-2022	AG
1,2-Dichlorobenzene	05-DEC-2022	05-DEC-2022	AG
1,3-Dichloropropene	05-DEC-2022	05-DEC-2022	SYS
Xylenes (Total)	05-DEC-2022	05-DEC-2022	SYS
n-Hexane	05-DEC-2022	05-DEC-2022	AG
Toluene-d8	05-DEC-2022	05-DEC-2022	AG
4-Bromofluorobenzene	05-DEC-2022	05-DEC-2022	AG

Sample ID	Sample Description	Sample Type	Date Sampled	Date Received
4571175	MW202	Water	28-NOV-2022	29-NOV-2022

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

Parameter	Date Prepared	Date Analyzed	Initials
Dissolved Antimony	29-NOV-2022	29-NOV-2022	CC
Dissolved Arsenic	29-NOV-2022	29-NOV-2022	CC
Dissolved Barium	29-NOV-2022	29-NOV-2022	CC
Dissolved Beryllium	29-NOV-2022	29-NOV-2022	CC

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AGAT WORK ORDER: 22T974965
PROJECT: CT3639.00

CLIENT NAME: TERRAPEX ENVIRONMENTAL LIMITED

ATTENTION TO: Mike Deans

Sample ID	Sample Description	Sample Type	Date Sampled	Date Received
4571175	MW202	Water	28-NOV-2022	29-NOV-2022

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

Parameter	Date Prepared	Date Analyzed	Initials
Dissolved Boron	29-NOV-2022	29-NOV-2022	CC
Dissolved Cadmium	29-NOV-2022	29-NOV-2022	CC
Dissolved Chromium	29-NOV-2022	29-NOV-2022	CC
Dissolved Cobalt	29-NOV-2022	29-NOV-2022	CC
Dissolved Copper	29-NOV-2022	29-NOV-2022	CC
Dissolved Lead	29-NOV-2022	29-NOV-2022	CC
Dissolved Molybdenum	29-NOV-2022	29-NOV-2022	CC
Dissolved Nickel	29-NOV-2022	29-NOV-2022	CC
Dissolved Selenium	29-NOV-2022	29-NOV-2022	CC
Dissolved Silver	29-NOV-2022	29-NOV-2022	CC
Dissolved Thallium	29-NOV-2022	29-NOV-2022	CC
Dissolved Uranium	29-NOV-2022	29-NOV-2022	CC
Dissolved Vanadium	29-NOV-2022	29-NOV-2022	CC
Dissolved Zinc	29-NOV-2022	29-NOV-2022	CC
Mercury	30-NOV-2022	30-NOV-2022	DL
Chromium VI	30-NOV-2022	30-NOV-2022	WZ
Cyanide, WAD	06-DEC-2022	06-DEC-2022	BG
Dissolved Sodium	29-NOV-2022	29-NOV-2022	CC
Chloride	30-NOV-2022	30-NOV-2022	LC
Electrical Conductivity	30-NOV-2022	30-NOV-2022	ND
pH	30-NOV-2022	30-NOV-2022	ND

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

Parameter	Date Prepared	Date Analyzed	Initials
Naphthalene	03-DEC-2022	03-DEC-2022	NS
Acenaphthylene	03-DEC-2022	03-DEC-2022	NS
Acenaphthene	03-DEC-2022	03-DEC-2022	NS
Fluorene	03-DEC-2022	03-DEC-2022	NS
Phenanthrene	03-DEC-2022	03-DEC-2022	NS
Anthracene	03-DEC-2022	03-DEC-2022	NS
Fluoranthene	03-DEC-2022	03-DEC-2022	NS
Pyrene	03-DEC-2022	03-DEC-2022	NS
Benzo(a)anthracene	03-DEC-2022	03-DEC-2022	NS
Chrysene	03-DEC-2022	03-DEC-2022	NS
Benzo(b)fluoranthene	03-DEC-2022	03-DEC-2022	NS
Benzo(k)fluoranthene	03-DEC-2022	03-DEC-2022	NS
Benzo(a)pyrene	03-DEC-2022	03-DEC-2022	NS
Indeno(1,2,3-cd)pyrene	03-DEC-2022	03-DEC-2022	NS
Dibenz(a,h)anthracene	03-DEC-2022	03-DEC-2022	NS

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CLIENT NAME: TERRAPEX ENVIRONMENTAL LIMITED

ATTENTION TO: Mike Deans

Sample ID	Sample Description	Sample Type	Date Sampled	Date Received
4571175	MW202	Water	28-NOV-2022	29-NOV-2022

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

Parameter	Date Prepared	Date Analyzed	Initials
Benzo(g,h,i)perylene	03-DEC-2022	03-DEC-2022	NS
2-and 1-methyl Naphthalene	03-DEC-2022	03-DEC-2022	SYS
Naphthalene-d8	03-DEC-2022	03-DEC-2022	NS
Acridine-d9	03-DEC-2022	03-DEC-2022	NS
Terphenyl-d14	03-DEC-2022	03-DEC-2022	NS
Sediment	05-DEC-2022	05-DEC-2022	NS

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

Parameter	Date Prepared	Date Analyzed	Initials
F1 (C6-C10)	05-DEC-2022	05-DEC-2022	AG
F1 (C6 to C10) minus BTEX	05-DEC-2022	05-DEC-2022	SYS
Toluene-d8	05-DEC-2022	05-DEC-2022	AG
F2 (C10 to C16)	06-DEC-2022	06-DEC-2022	CA
F2 (C10 to C16) minus Naphthalene	06-DEC-2022	06-DEC-2022	SYS
F3 (C16 to C34)	06-DEC-2022	06-DEC-2022	CA
F3 (C16 to C34) minus PAHs	06-DEC-2022	06-DEC-2022	SYS
F4 (C34 to C50)	06-DEC-2022	06-DEC-2022	CA
Gravimetric Heavy Hydrocarbons			
Terphenyl	06-DEC-2022	06-DEC-2022	CA
Sediment	05-DEC-2022	05-DEC-2022	NS

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

Parameter	Date Prepared	Date Analyzed	Initials
Dichlorodifluoromethane	05-DEC-2022	05-DEC-2022	AG
Vinyl Chloride	05-DEC-2022	05-DEC-2022	AG
Bromomethane	05-DEC-2022	05-DEC-2022	AG
Trichlorofluoromethane	05-DEC-2022	05-DEC-2022	AG
Acetone	05-DEC-2022	05-DEC-2022	AG
1,1-Dichloroethylene	05-DEC-2022	05-DEC-2022	AG
Methylene Chloride	05-DEC-2022	05-DEC-2022	AG
trans- 1,2-Dichloroethylene	05-DEC-2022	05-DEC-2022	AG
Methyl tert-butyl ether	05-DEC-2022	05-DEC-2022	AG
1,1-Dichloroethane	05-DEC-2022	05-DEC-2022	AG
Methyl Ethyl Ketone	05-DEC-2022	05-DEC-2022	AG
cis- 1,2-Dichloroethylene	05-DEC-2022	05-DEC-2022	AG
Chloroform	05-DEC-2022	05-DEC-2022	AG
1,2-Dichloroethane	05-DEC-2022	05-DEC-2022	AG
1,1,1-Trichloroethane	05-DEC-2022	05-DEC-2022	AG
Carbon Tetrachloride	05-DEC-2022	05-DEC-2022	AG

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CLIENT NAME: TERRAPEX ENVIRONMENTAL LIMITED

ATTENTION TO: Mike Deans

Sample ID	Sample Description	Sample Type	Date Sampled	Date Received
4571175	MW202	Water	28-NOV-2022	29-NOV-2022

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

Parameter	Date Prepared	Date Analyzed	Initials
Benzene	05-DEC-2022	05-DEC-2022	AG
1,2-Dichloropropane	05-DEC-2022	05-DEC-2022	AG
Trichloroethylene	05-DEC-2022	05-DEC-2022	AG
Bromodichloromethane	05-DEC-2022	05-DEC-2022	AG
Methyl Isobutyl Ketone	05-DEC-2022	05-DEC-2022	AG
1,1,2-Trichloroethane	05-DEC-2022	05-DEC-2022	AG
Toluene	05-DEC-2022	05-DEC-2022	AG
Dibromochloromethane	05-DEC-2022	05-DEC-2022	AG
Ethylene Dibromide	05-DEC-2022	05-DEC-2022	AG
Tetrachloroethylene	05-DEC-2022	05-DEC-2022	AG
1,1,1,2-Tetrachloroethane	05-DEC-2022	05-DEC-2022	AG
Chlorobenzene	05-DEC-2022	05-DEC-2022	AG
Ethylbenzene	05-DEC-2022	05-DEC-2022	AG
m & p-Xylene	05-DEC-2022	05-DEC-2022	AG
Bromoform	05-DEC-2022	05-DEC-2022	AG
Styrene	05-DEC-2022	05-DEC-2022	AG
1,1,2,2-Tetrachloroethane	05-DEC-2022	05-DEC-2022	AG
o-Xylene	05-DEC-2022	05-DEC-2022	AG
1,3-Dichlorobenzene	05-DEC-2022	05-DEC-2022	AG
1,4-Dichlorobenzene	05-DEC-2022	05-DEC-2022	AG
1,2-Dichlorobenzene	05-DEC-2022	05-DEC-2022	AG
1,3-Dichloropropene	05-DEC-2022	05-DEC-2022	SYS
Xylenes (Total)	05-DEC-2022	05-DEC-2022	SYS
n-Hexane	05-DEC-2022	05-DEC-2022	AG
Toluene-d8	05-DEC-2022	05-DEC-2022	AG
4-Bromofluorobenzene	05-DEC-2022	05-DEC-2022	AG

Sample ID	Sample Description	Sample Type	Date Sampled	Date Received
4571176	MW1000	Water	28-NOV-2022	29-NOV-2022

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

Parameter	Date Prepared	Date Analyzed	Initials
Dissolved Antimony	29-NOV-2022	29-NOV-2022	CC
Dissolved Arsenic	29-NOV-2022	29-NOV-2022	CC
Dissolved Barium	29-NOV-2022	29-NOV-2022	CC
Dissolved Beryllium	29-NOV-2022	29-NOV-2022	CC
Dissolved Boron	29-NOV-2022	29-NOV-2022	CC
Dissolved Cadmium	29-NOV-2022	29-NOV-2022	CC
Dissolved Chromium	29-NOV-2022	29-NOV-2022	CC
Dissolved Cobalt	29-NOV-2022	29-NOV-2022	CC

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Time Markers

AGAT WORK ORDER: 22T974965
PROJECT: CT3639.00

CLIENT NAME: TERRAPEX ENVIRONMENTAL LIMITED

ATTENTION TO: Mike Deans

Sample ID	Sample Description	Sample Type	Date Sampled	Date Received
4571176	MW1000	Water	28-NOV-2022	29-NOV-2022

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

Parameter	Date Prepared	Date Analyzed	Initials
Dissolved Copper	29-NOV-2022	29-NOV-2022	CC
Dissolved Lead	29-NOV-2022	29-NOV-2022	CC
Dissolved Molybdenum	29-NOV-2022	29-NOV-2022	CC
Dissolved Nickel	29-NOV-2022	29-NOV-2022	CC
Dissolved Selenium	29-NOV-2022	29-NOV-2022	CC
Dissolved Silver	29-NOV-2022	29-NOV-2022	CC
Dissolved Thallium	29-NOV-2022	29-NOV-2022	CC
Dissolved Uranium	29-NOV-2022	29-NOV-2022	CC
Dissolved Vanadium	29-NOV-2022	29-NOV-2022	CC
Dissolved Zinc	29-NOV-2022	29-NOV-2022	CC
Mercury	30-NOV-2022	30-NOV-2022	DL
Chromium VI	30-NOV-2022	30-NOV-2022	WZ
Cyanide, WAD	06-DEC-2022	06-DEC-2022	BG
Dissolved Sodium	29-NOV-2022	29-NOV-2022	CC
Chloride	30-NOV-2022	30-NOV-2022	LC
Electrical Conductivity	30-NOV-2022	30-NOV-2022	ND
pH	30-NOV-2022	30-NOV-2022	ND

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

Parameter	Date Prepared	Date Analyzed	Initials
Naphthalene	03-DEC-2022	03-DEC-2022	NS
Acenaphthylene	03-DEC-2022	03-DEC-2022	NS
Acenaphthene	03-DEC-2022	03-DEC-2022	NS
Fluorene	03-DEC-2022	03-DEC-2022	NS
Phenanthrene	03-DEC-2022	03-DEC-2022	NS
Anthracene	03-DEC-2022	03-DEC-2022	NS
Fluoranthene	03-DEC-2022	03-DEC-2022	NS
Pyrene	03-DEC-2022	03-DEC-2022	NS
Benzo(a)anthracene	03-DEC-2022	03-DEC-2022	NS
Chrysene	03-DEC-2022	03-DEC-2022	NS
Benzo(b)fluoranthene	03-DEC-2022	03-DEC-2022	NS
Benzo(k)fluoranthene	03-DEC-2022	03-DEC-2022	NS
Benzo(a)pyrene	03-DEC-2022	03-DEC-2022	NS
Indeno(1,2,3-cd)pyrene	03-DEC-2022	03-DEC-2022	NS
Dibenz(a,h)anthracene	03-DEC-2022	03-DEC-2022	NS
Benzo(g,h,i)perylene	03-DEC-2022	03-DEC-2022	NS
2-and 1-methyl Naphthalene	03-DEC-2022	03-DEC-2022	SYS
Naphthalene-d8	03-DEC-2022	03-DEC-2022	NS
Acridine-d9	03-DEC-2022	03-DEC-2022	NS

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CLIENT NAME: TERRAPEX ENVIRONMENTAL LIMITED

ATTENTION TO: Mike Deans

Sample ID	Sample Description	Sample Type	Date Sampled	Date Received
4571176	MW1000	Water	28-NOV-2022	29-NOV-2022

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

Parameter	Date Prepared	Date Analyzed	Initials
Terphenyl-d14	03-DEC-2022	03-DEC-2022	NS
Sediment	05-DEC-2022	05-DEC-2022	NS

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

Parameter	Date Prepared	Date Analyzed	Initials
F1 (C6-C10)	05-DEC-2022	05-DEC-2022	AG
F1 (C6 to C10) minus BTEX	05-DEC-2022	05-DEC-2022	SYS
Toluene-d8	05-DEC-2022	05-DEC-2022	AG
F2 (C10 to C16)	06-DEC-2022	06-DEC-2022	CA
F2 (C10 to C16) minus Naphthalene	06-DEC-2022	06-DEC-2022	SYS
F3 (C16 to C34)	06-DEC-2022	06-DEC-2022	CA
F3 (C16 to C34) minus PAHs	06-DEC-2022	06-DEC-2022	SYS
F4 (C34 to C50)	06-DEC-2022	06-DEC-2022	CA
Gravimetric Heavy Hydrocarbons			
Terphenyl	06-DEC-2022	06-DEC-2022	CA
Sediment	05-DEC-2022	05-DEC-2022	NS

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

Parameter	Date Prepared	Date Analyzed	Initials
Dichlorodifluoromethane	05-DEC-2022	05-DEC-2022	AG
Vinyl Chloride	05-DEC-2022	05-DEC-2022	AG
Bromomethane	05-DEC-2022	05-DEC-2022	AG
Trichlorofluoromethane	05-DEC-2022	05-DEC-2022	AG
Acetone	05-DEC-2022	05-DEC-2022	AG
1,1-Dichloroethylene	05-DEC-2022	05-DEC-2022	AG
Methylene Chloride	05-DEC-2022	05-DEC-2022	AG
trans- 1,2-Dichloroethylene	05-DEC-2022	05-DEC-2022	AG
Methyl tert-butyl ether	05-DEC-2022	05-DEC-2022	AG
1,1-Dichloroethane	05-DEC-2022	05-DEC-2022	AG
Methyl Ethyl Ketone	05-DEC-2022	05-DEC-2022	AG
cis- 1,2-Dichloroethylene	05-DEC-2022	05-DEC-2022	AG
Chloroform	05-DEC-2022	05-DEC-2022	AG
1,2-Dichloroethane	05-DEC-2022	05-DEC-2022	AG
1,1,1-Trichloroethane	05-DEC-2022	05-DEC-2022	AG
Carbon Tetrachloride	05-DEC-2022	05-DEC-2022	AG
Benzene	05-DEC-2022	05-DEC-2022	AG
1,2-Dichloropropane	05-DEC-2022	05-DEC-2022	AG
Trichloroethylene	05-DEC-2022	05-DEC-2022	AG
Bromodichloromethane	05-DEC-2022	05-DEC-2022	AG

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CLIENT NAME: TERRAPEX ENVIRONMENTAL LIMITED

ATTENTION TO: Mike Deans

Sample ID	Sample Description	Sample Type	Date Sampled	Date Received
4571176	MW1000	Water	28-NOV-2022	29-NOV-2022

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

Parameter	Date Prepared	Date Analyzed	Initials
Methyl Isobutyl Ketone	05-DEC-2022	05-DEC-2022	AG
1,1,2-Trichloroethane	05-DEC-2022	05-DEC-2022	AG
Toluene	05-DEC-2022	05-DEC-2022	AG
Dibromochloromethane	05-DEC-2022	05-DEC-2022	AG
Ethylene Dibromide	05-DEC-2022	05-DEC-2022	AG
Tetrachloroethylene	05-DEC-2022	05-DEC-2022	AG
1,1,1,2-Tetrachloroethane	05-DEC-2022	05-DEC-2022	AG
Chlorobenzene	05-DEC-2022	05-DEC-2022	AG
Ethylbenzene	05-DEC-2022	05-DEC-2022	AG
m & p-Xylene	05-DEC-2022	05-DEC-2022	AG
Bromoform	05-DEC-2022	05-DEC-2022	AG
Styrene	05-DEC-2022	05-DEC-2022	AG
1,1,2,2-Tetrachloroethane	05-DEC-2022	05-DEC-2022	AG
o-Xylene	05-DEC-2022	05-DEC-2022	AG
1,3-Dichlorobenzene	05-DEC-2022	05-DEC-2022	AG
1,4-Dichlorobenzene	05-DEC-2022	05-DEC-2022	AG
1,2-Dichlorobenzene	05-DEC-2022	05-DEC-2022	AG
1,3-Dichloropropene	05-DEC-2022	05-DEC-2022	SYS
Xylenes (Total)	05-DEC-2022	05-DEC-2022	SYS
n-Hexane	05-DEC-2022	05-DEC-2022	AG
Toluene-d8	05-DEC-2022	05-DEC-2022	AG
4-Bromofluorobenzene	05-DEC-2022	05-DEC-2022	AG

Sample ID	Sample Description	Sample Type	Date Sampled	Date Received
4571278	TRIP SPIKE	Water	23-NOV-2022	29-NOV-2022

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

Parameter	Date Prepared	Date Analyzed	Initials
Dichlorodifluoromethane	01-DEC-2022	01-DEC-2022	AG
Vinyl Chloride	01-DEC-2022	01-DEC-2022	AG
Bromomethane	01-DEC-2022	01-DEC-2022	AG
Trichlorofluoromethane	01-DEC-2022	01-DEC-2022	AG
Acetone	01-DEC-2022	01-DEC-2022	AG
1,1-Dichloroethylene	01-DEC-2022	01-DEC-2022	AG
Methylene Chloride	01-DEC-2022	01-DEC-2022	AG
trans- 1,2-Dichloroethylene	01-DEC-2022	01-DEC-2022	AG
Methyl tert-butyl ether	01-DEC-2022	01-DEC-2022	AG
1,1-Dichloroethane	01-DEC-2022	01-DEC-2022	AG
Methyl Ethyl Ketone	01-DEC-2022	01-DEC-2022	AG
cis- 1,2-Dichloroethylene	01-DEC-2022	01-DEC-2022	AG

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CLIENT NAME: TERRAPEX ENVIRONMENTAL LIMITED

ATTENTION TO: Mike Deans

Sample ID	Sample Description	Sample Type	Date Sampled	Date Received
4571278	TRIP SPIKE	Water	23-NOV-2022	29-NOV-2022

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

Parameter	Date Prepared	Date Analyzed	Initials
Chloroform	01-DEC-2022	01-DEC-2022	AG
1,2-Dichloroethane	01-DEC-2022	01-DEC-2022	AG
1,1,1-Trichloroethane	01-DEC-2022	01-DEC-2022	AG
Carbon Tetrachloride	01-DEC-2022	01-DEC-2022	AG
Benzene	01-DEC-2022	01-DEC-2022	AG
1,2-Dichloropropane	01-DEC-2022	01-DEC-2022	AG
Trichloroethylene	01-DEC-2022	01-DEC-2022	AG
Bromodichloromethane	01-DEC-2022	01-DEC-2022	AG
Methyl Isobutyl Ketone	01-DEC-2022	01-DEC-2022	AG
1,1,2-Trichloroethane	01-DEC-2022	01-DEC-2022	AG
Toluene	01-DEC-2022	01-DEC-2022	AG
Dibromochloromethane	01-DEC-2022	01-DEC-2022	AG
Ethylene Dibromide	01-DEC-2022	01-DEC-2022	AG
Tetrachloroethylene	01-DEC-2022	01-DEC-2022	AG
1,1,1,2-Tetrachloroethane	01-DEC-2022	01-DEC-2022	AG
Chlorobenzene	01-DEC-2022	01-DEC-2022	AG
Ethylbenzene	01-DEC-2022	01-DEC-2022	AG
m & p-Xylene	01-DEC-2022	01-DEC-2022	AG
Bromoform	01-DEC-2022	01-DEC-2022	AG
Styrene	01-DEC-2022	01-DEC-2022	AG
1,1,2,2-Tetrachloroethane	01-DEC-2022	01-DEC-2022	AG
o-Xylene	01-DEC-2022	01-DEC-2022	AG
1,3-Dichlorobenzene	01-DEC-2022	01-DEC-2022	AG
1,4-Dichlorobenzene	01-DEC-2022	01-DEC-2022	AG
1,2-Dichlorobenzene	01-DEC-2022	01-DEC-2022	AG
n-Hexane	01-DEC-2022	01-DEC-2022	AG
Toluene-d8	01-DEC-2022	01-DEC-2022	AG
4-Bromofluorobenzene	01-DEC-2022	01-DEC-2022	AG

Sample ID	Sample Description	Sample Type	Date Sampled	Date Received
4571279	TRIP BLANK	Water	23-NOV-2022	29-NOV-2022

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

Parameter	Date Prepared	Date Analyzed	Initials
Dichlorodifluoromethane	01-DEC-2022	01-DEC-2022	AG
Vinyl Chloride	01-DEC-2022	01-DEC-2022	AG
Bromomethane	01-DEC-2022	01-DEC-2022	AG
Trichlorofluoromethane	01-DEC-2022	01-DEC-2022	AG
Acetone	01-DEC-2022	01-DEC-2022	AG
1,1-Dichloroethylene	01-DEC-2022	01-DEC-2022	AG

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CLIENT NAME: TERRAPEX ENVIRONMENTAL LIMITED

ATTENTION TO: Mike Deans

Sample ID	Sample Description	Sample Type	Date Sampled	Date Received
4571279	TRIP BLANK	Water	23-NOV-2022	29-NOV-2022

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

Parameter	Date Prepared	Date Analyzed	Initials
Methylene Chloride	01-DEC-2022	01-DEC-2022	AG
trans- 1,2-Dichloroethylene	01-DEC-2022	01-DEC-2022	AG
Methyl tert-butyl ether	01-DEC-2022	01-DEC-2022	AG
1,1-Dichloroethane	01-DEC-2022	01-DEC-2022	AG
Methyl Ethyl Ketone	01-DEC-2022	01-DEC-2022	AG
cis- 1,2-Dichloroethylene	01-DEC-2022	01-DEC-2022	AG
Chloroform	01-DEC-2022	01-DEC-2022	AG
1,2-Dichloroethane	01-DEC-2022	01-DEC-2022	AG
1,1,1-Trichloroethane	01-DEC-2022	01-DEC-2022	AG
Carbon Tetrachloride	01-DEC-2022	01-DEC-2022	AG
Benzene	01-DEC-2022	01-DEC-2022	AG
1,2-Dichloropropane	01-DEC-2022	01-DEC-2022	AG
Trichloroethylene	01-DEC-2022	01-DEC-2022	AG
Bromodichloromethane	01-DEC-2022	01-DEC-2022	AG
Methyl Isobutyl Ketone	01-DEC-2022	01-DEC-2022	AG
1,1,2-Trichloroethane	01-DEC-2022	01-DEC-2022	AG
Toluene	01-DEC-2022	01-DEC-2022	AG
Dibromochloromethane	01-DEC-2022	01-DEC-2022	AG
Ethylene Dibromide	01-DEC-2022	01-DEC-2022	AG
Tetrachloroethylene	01-DEC-2022	01-DEC-2022	AG
1,1,1,2-Tetrachloroethane	01-DEC-2022	01-DEC-2022	AG
Chlorobenzene	01-DEC-2022	01-DEC-2022	AG
Ethylbenzene	01-DEC-2022	01-DEC-2022	AG
m & p-Xylene	01-DEC-2022	01-DEC-2022	AG
Bromoform	01-DEC-2022	01-DEC-2022	AG
Styrene	01-DEC-2022	01-DEC-2022	AG
1,1,2,2-Tetrachloroethane	01-DEC-2022	01-DEC-2022	AG
o-Xylene	01-DEC-2022	01-DEC-2022	AG
1,3-Dichlorobenzene	01-DEC-2022	01-DEC-2022	AG
1,4-Dichlorobenzene	01-DEC-2022	01-DEC-2022	AG
1,2-Dichlorobenzene	01-DEC-2022	01-DEC-2022	AG
1,3-Dichloropropene	01-DEC-2022	01-DEC-2022	SYS
Xylenes (Total)	01-DEC-2022	01-DEC-2022	SYS
n-Hexane	01-DEC-2022	01-DEC-2022	AG
Toluene-d8	01-DEC-2022	01-DEC-2022	AG
4-Bromofluorobenzene	01-DEC-2022	01-DEC-2022	AG

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Method Summary

CLIENT NAME: TERRAPEX ENVIRONMENTAL LIMITED

AGAT WORK ORDER: 22T974965

PROJECT: CT3639.00

ATTENTION TO: Mike Deans

SAMPLING SITE:2636 Eglinton Avenue West, Toronto

SAMPLED BY:NT

PARAMETER	AGAT S.O.P	LITERATURE REFERENCE	ANALYTICAL TECHNIQUE
Trace Organics Analysis			
Naphthalene	ORG-91-5105	modified from EPA 3510C and EPA 8270E	GC/MS
Acenaphthylene	ORG-91-5105	modified from EPA 3510C and EPA 8270E	GC/MS
Acenaphthene	ORG-91-5105	modified from EPA 3510C and EPA 8270E	GC/MS
Fluorene	ORG-91-5105	modified from EPA 3510C and EPA 8270E	GC/MS
Phenanthrene	ORG-91-5105	modified from EPA 3510C and EPA 8270E	GC/MS
Anthracene	ORG-91-5105	modified from EPA 3510C and EPA 8270E	GC/MS
Fluoranthene	ORG-91-5105	modified from EPA 3510C and EPA 8270E	GC/MS
Pyrene	ORG-91-5105	modified from EPA 3510C and EPA 8270E	GC/MS
Benzo(a)anthracene	ORG-91-5105	modified from EPA 3510C and EPA 8270E	GC/MS
Chrysene	ORG-91-5105	modified from EPA 3510C and EPA 8270E	GC/MS
Benzo(b)fluoranthene	ORG-91-5105	modified from EPA 3510C and EPA 8270E	GC/MS
Benzo(k)fluoranthene	ORG-91-5105	modified from EPA 3510C and EPA 8270E	GC/MS
Benzo(a)pyrene	ORG-91-5105	modified from EPA 3510C and EPA 8270E	GC/MS
Indeno(1,2,3-cd)pyrene	ORG-91-5105	modified from EPA 3510C and EPA 8270E	GC/MS
Dibenz(a,h)anthracene	ORG-91-5105	modified from EPA 3510C and EPA 8270E	GC/MS
Benzo(g,h,i)perylene	ORG-91-5105	modified from EPA 3510C and EPA 8270E	GC/MS
2-and 1-methyl Naphthalene	ORG-91-5105	modified from EPA 3510C and EPA 8270E	GC/MS
Naphthalene-d8	ORG-91-5105	modified from EPA 3510C and EPA 8270E	GC/MS
Acridine-d9	ORG-91-5105	modified from EPA 3510C and EPA 8270E	GC/MS
Terphenyl-d14	ORG-91-5105	modified from EPA 3510C and EPA 8270E	GC/MS
Sediment			N/A
F1 (C6-C10)	VOL-91-5010	modified from MOE PHC-E3421	(P&T)GC/FID
F1 (C6 to C10) minus BTEX	VOL-91-5010	modified from MOE PHC-E3421	P&T GC/FID
Toluene-d8	VOL-91- 5001	modified from EPA 5030B & EPA 8260D	(P&T)GC/MS
F2 (C10 to C16)	VOL-91-5010	modified from MOE PHC-E3421	GC/FID
F2 (C10 to C16) minus Naphthalene	VOL-91-5010	modified from MOE PHC-E3421	GC/FID
F3 (C16 to C34)	VOL-91-5010	modified from MOE PHC-E3421	GC/FID
F3 (C16 to C34) minus PAHs	VOL-91-5010	modified from MOE PHC-E3421	GC/FID
F4 (C34 to C50)	VOL-91-5010	modified from MOE PHC-E3421	GC/FID
Gravimetric Heavy Hydrocarbons	VOL-91-5010	modified from MOE PHC-E3421	BALANCE
Terphenyl	VOL-91-5010	modified from MOE PHC-E3421	GC/FID
Dichlorodifluoromethane	VOL-91-5001	modified from EPA 5030B & EPA 8260D	(P&T)GC/MS

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Method Summary

CLIENT NAME: TERRAPEX ENVIRONMENTAL LIMITED

AGAT WORK ORDER: 22T974965

PROJECT: CT3639.00

ATTENTION TO: Mike Deans

SAMPLING SITE:2636 Eglinton Avenue West, Toronto

SAMPLED BY:NT

PARAMETER	AGAT S.O.P	LITERATURE REFERENCE	ANALYTICAL TECHNIQUE
Vinyl Chloride	VOL-91-5001	modified from EPA 5030B & EPA 8260D	(P&T)GC/MS
Bromomethane	VOL-91-5001	modified from EPA 5030B & EPA 8260D	(P&T)GC/MS
Trichlorofluoromethane	VOL-91-5001	modified from EPA 5030B & EPA 8260D	(P&T)GC/MS
Acetone	VOL-91-5001	modified from EPA 5030B & EPA 8260D	(P&T)GC/MS
1,1-Dichloroethylene	VOL-91-5001	modified from EPA 5030B & EPA 8260D	(P&T)GC/MS
Methylene Chloride	VOL-91-5001	modified from EPA 5030B & EPA 8260D	(P&T)GC/MS
trans- 1,2-Dichloroethylene	VOL-91-5001	modified from EPA 5030B & EPA 8260D	(P&T)GC/MS
Methyl tert-butyl ether	VOL-91-5001	modified from EPA 5030B & EPA 8260D	(P&T)GC/MS
1,1-Dichloroethane	VOL-91-5001	modified from EPA 5030B & EPA 8260D	(P&T)GC/MS
Methyl Ethyl Ketone	VOL-91-5001	modified from EPA 5030B & EPA 8260D	(P&T)GC/MS
cis- 1,2-Dichloroethylene	VOL-91-5001	modified from EPA 5030B & EPA 8260D	(P&T)GC/MS
Chloroform	VOL-91-5001	modified from EPA 5030B & EPA 8260D	(P&T)GC/MS
1,2-Dichloroethane	VOL-91-5001	modified from EPA 5030B & EPA 8260D	(P&T)GC/MS
1,1,1-Trichloroethane	VOL-91-5001	modified from EPA 5030B & EPA 8260D	(P&T)GC/MS
Carbon Tetrachloride	VOL-91-5001	modified from EPA 5030B & EPA 8260D	(P&T)GC/MS
Benzene	VOL-91-5001	modified from EPA 5030B & EPA 8260D	(P&T)GC/MS
1,2-Dichloropropane	VOL-91-5001	modified from EPA 5030B & EPA 8260D	(P&T)GC/MS
Trichloroethylene	VOL-91-5001	modified from EPA 5030B & EPA 8260D	(P&T)GC/MS
Bromodichloromethane	VOL-91-5001	modified from EPA 5030B & EPA 8260D	(P&T)GC/MS
Methyl Isobutyl Ketone	VOL-91-5001	modified from EPA 5030B & EPA 8260D	(P&T)GC/MS
1,1,2-Trichloroethane	VOL-91-5001	modified from EPA 5030B & EPA 8260D	(P&T)GC/MS
Toluene	VOL-91-5001	modified from EPA 5030B & EPA 8260D	(P&T)GC/MS
Dibromochloromethane	VOL-91-5001	modified from EPA 5030B & EPA 8260D	(P&T)GC/MS
Ethylene Dibromide	VOL-91-5001	modified from EPA 5030B & EPA 8260D	(P&T)GC/MS
Tetrachloroethylene	VOL-91-5001	modified from EPA 5030B & EPA 8260D	(P&T)GC/MS
1,1,1,2-Tetrachloroethane	VOL-91-5001	modified from EPA 5030B & EPA 8260D	(P&T)GC/MS
Chlorobenzene	VOL-91-5001	modified from EPA 5030B & EPA 8260D	(P&T)GC/MS
Ethylbenzene	VOL-91-5001	modified from EPA 5030B & EPA 8260D	(P&T)GC/MS

AGAT Laboratories

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

Method Summary

CLIENT NAME: TERRAPEX ENVIRONMENTAL LIMITED

AGAT WORK ORDER: 22T974965

PROJECT: CT3639.00

ATTENTION TO: Mike Deans

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PARAMETER	AGAT S.O.P	LITERATURE REFERENCE	ANALYTICAL TECHNIQUE
m & p-Xylene	VOL-91-5001	modified from EPA 5030B & EPA 8260D	(P&T)GC/MS
Bromoform	VOL-91-5001	modified from EPA 5030B & EPA 8260D	(P&T)GC/MS
Styrene	VOL-91-5001	modified from EPA 5030B & EPA 8260D	(P&T)GC/MS
1,1,2,2-Tetrachloroethane	VOL-91-5001	modified from EPA 5030B & EPA 8260D	(P&T)GC/MS
o-Xylene	VOL-91-5001	modified from EPA 5030B & EPA 8260D	(P&T)GC/MS
1,3-Dichlorobenzene	VOL-91-5001	modified from EPA 5030B & EPA 8260D	(P&T)GC/MS
1,4-Dichlorobenzene	VOL-91-5001	modified from EPA 5030B & EPA 8260D	(P&T)GC/MS
1,2-Dichlorobenzene	VOL-91-5001	modified from EPA 5030B & EPA 8260D	(P&T)GC/MS
n-Hexane	VOL-91-5001	modified from EPA 5030B & EPA 8260D	(P&T)GC/MS
Toluene-d8	VOL-91-5001	modified from EPA 5030B & EPA 8260D	(P&T)GC/MS
4-Bromofluorobenzene	VOL-91-5001	modified from EPA 5030B & EPA 8260D	(P&T)GC/MS
1,3-Dichloropropene	VOL-91-5001	modified from EPA 5030B & EPA 8260D	(P&T)GC/MS
Xylenes (Total)	VOL-91-5001	modified from EPA 5030B & EPA 8260D	(P&T)GC/MS

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PARAMETER	AGAT S.O.P	LITERATURE REFERENCE	ANALYTICAL TECHNIQUE
Water Analysis			
Dissolved Antimony	MET-93-6103	modified from EPA 200.8 and EPA 3005A	ICP-MS
Dissolved Arsenic	MET-93-6103	modified from EPA 200.8 and EPA 3005A	ICP-MS
Dissolved Barium	MET-93-6103	modified from EPA 200.8 and EPA 3005A	ICP-MS
Dissolved Beryllium	MET-93-6103	modified from EPA 200.8 and EPA 3005A	ICP-MS
Dissolved Boron	MET-93-6103	modified from EPA 200.8 and EPA 3005A	ICP-MS
Dissolved Cadmium	MET-93-6103	modified from EPA 200.8 and EPA 3005A	ICP-MS
Dissolved Chromium	MET-93-6103	modified from EPA 200.8 and EPA 3005A	ICP-MS
Dissolved Cobalt	MET-93-6103	modified from EPA 200.8 and EPA 3005A	ICP-MS
Dissolved Copper	MET-93-6103	modified from EPA 200.8 and EPA 3005A	ICP-MS
Dissolved Lead	MET-93-6103	modified from EPA 200.8 and EPA 3005A	ICP-MS
Dissolved Molybdenum	MET-93-6103	modified from EPA 200.8 and EPA 3005A	ICP-MS
Dissolved Nickel	MET-93-6103	modified from EPA 200.8 and EPA 3005A	ICP-MS
Dissolved Selenium	MET-93-6103	modified from EPA 200.8 and EPA 3005A	ICP-MS
Dissolved Silver	MET-93-6103	modified from EPA 200.8 and EPA 3005A	ICP-MS
Dissolved Thallium	MET-93-6103	modified from EPA 200.8 and EPA 3005A	ICP-MS
Dissolved Uranium	MET-93-6103	modified from EPA 200.8 and EPA 3005A	ICP-MS
Dissolved Vanadium	MET-93-6103	modified from EPA 200.8 and EPA 3005A	ICP-MS
Dissolved Zinc	MET-93-6103	modified from EPA 200.8 and EPA 3005A	ICP-MS
Mercury	MET-93-6100	modified from EPA 245.2 and SM 3112 B	CVAAS
Chromium VI	INOR-93-6073	modified from SM 3500-CR B	LACHAT FIA
Cyanide, WAD	INOR-93-6052	modified from ON MOECC E3015, SM 4500-CN- I, G-387	TECHNICON AUTO ANALYZER
Dissolved Sodium	MET-93-6103	modified from EPA 200.8 and EPA 3005A	ICP/MS
Chloride	INOR-93-6004	modified from SM 4110 B	ION CHROMATOGRAPH
Electrical Conductivity	INOR-93-6000	SM 2510 B	PC TITRATE
pH	INOR-93-6000	modified from SM 4500-H+ B	PC TITRATE