Excess Soil Management – Soil Characterization Report

Uxbridge Hospital -
New Underground Utilities Installation,
Retaining Wall &
Storm Water Management Pond Construction,
4 Campbell Drive, Uxbridge, Ontario

September 06, 2024

Oak Vally Health
381 Church Street
Markham, Ontario
L3P 7P3

Draft Report | Version 0A
023107[illegible]69.004

ENGLOBE

Oak Valley Health
02310769.004

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Revisions and publications log

REVISION No.	DATE	DESCRIPTION
0A	September 06, 2024	The preliminary version published for comments

Distribution

1 PDF copy	Joana Shashati

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1 Introduction

Englobe Corporation (Englobe) was retained by Oak Vally Health to prepare a Soil Characterization Report (SCR) for the purpose of soil characterization to determine off-site re-use and/or disposal options for excess soil generated at the abovementioned site.

Excess soil will be generated as part of installation of underground services (i.e. watermain, sanitary and storm sewer), retaining wall, and the storm water management pond.

The above-noted area will be excavated as part of redevelopment activities scheduled to take place at the property, hereinafter referred to as 'the Project Area'. The Project Area is currently occupied by a two (2) storey brick building (Uxbridge Cottage Hospital), a two (2) storey Health Centre building with associated parking lots, driveways/access routes, and landscaped areas. It is proposed to demolish the existing east building and construct new parking lots, retaining wall, install new underground services and construct a storm water management pond.

The SCR is required for excess soil reuse planning and was completed to satisfy the intent of the requirements, methodology and practices described in Section B (Excess Soil Reuse Planning) of the document titled "*Rules for Soil Management and Excess Soil Quality Standards*" and dated December 8, 2022 (Soil Rules Document) that was adopted by reference of Ontario Regulation (O.Reg.) 406/19 On-site and Excess Soil Management.

An SCR is required to be carried out under the supervision of a QP, meeting the requirements outlined in O.Reg. 153/04 Record of Site Condition – Part XV.I of the Act, that is retained by or on behalf of the Project Leader. It is understood that the **Project Leader** for the upcoming work at Uxbridge Hospital is Oak Valley Health.

2 Background

At this time, the volume of excess soil that will be generated as part of the redevelopment activities scheduled to take place is not known, but to provide a general understanding of environmental quality of the excess soil the following assumption were made regarding the excess soil within the proposal work areas:

- Underground Services and Storm Water Management Pond – 5,000 m^3 (estimated volume)
- Retaining Wall – 1,500 m^3 (estimate volume)

Englobe was also retained to carry out an Assessment of Past Uses (APU) at the Project Area and prepared the following report:

- Englobe, ***'Excess Soil Management - Assessment of Past Uses, 4 Campbell Drive, Uxbridge, Ontario'***, dated September 5, 2023.

As part of the APU, the QP determined through a review of available water well records that the approximate depth to groundwater is approximately 18.3 to 21.4 meters below ground surface (mbgs) in the Study Area. Based on the subsurface investigation conducted at the site, the groundwater levels varied between 1.6 to 2.5 mbgs in the Project Area. Based on the APU, the following Potentially Contaminating Activities (PCAs) were identified at the Project Area and within the surrounding Study Area.

On-Site Potentially Contaminating Activities	Off-Site Potentially Contaminating Activities
Uxbridge Hospital	
#30 – Importation of Fill Material of Unknown Quality	
#NA[1] – Waste Generator	

The PCAs caused two (2) Areas of Potential Environmental Concern (APECs) in the Project Area, which are presented on the attached **Figure 2**.

Excess soil must be analyzed for the minimum testing parameters required by O.Reg. 406/19 and any additional parameters (i.e., Contaminants of Potential Concern [CoPCs]) identified in the APU. As such, the following table includes the minimum testing parameters and site-specific CoPCs that were identified in the APU at the Project Area:

Bulk Analysis	Leachate Analysis
Metals, Hydride-Forming Metals, Other Regulated Parameters (Boron -Hot Water Soluble), Cyanide, Electrical Conductivity (EC), Hexavalent Chromium, Mercury, pH, Sodium Adsorption Ratio (SAR) (Metals and Inorganics)	Metals by mSPLP
Volatile Organic Compounds (VOCs)	VOCs by mSPLP

Bulk Analysis	Leachate Analysis
Petroleum Hydrocarbons (PHCs) F1 through F4, including Benzene, Toluene, Ethylbenzene and Xylene (BTEX)	
Polycyclic Aromatic Hydrocarbons (PAHs)	
Polychlorinated Biphenyl (PCBs)	

The APU findings were used by the QP to develop the Sampling and Analysis Plan (SAP) for the Project Area.

- Englobe, ***'Excess Soil Management, Sampling and Analysis Plan, 4 Campbell Drive, Uxbridge, Ontario'***, dated September 5, 2023.

Based on the excess soil volume and to determine its environmental quality, the minimum sampling frequencies required under O.Reg. 406/19 for bulk and leachate analyses are:

Roadway	Bulk Sample	QC/QA	mSPLP
Underground services and SWM Pond	25	3	6
Retaining Wall	8	1	4

The QP determined that bulk soil samples should be collected at the following depths and submitted for analysis of the abovementioned parameters:

Project Area - Uxbridge Hospital								
Sample IDs		SS 1	SS 2	SS 3	SS 4	SS 5	SS 6	SS 7	SS 8
Feet (ft)		0.0 to 2.0	2.5 to 4.5	5.0 to 7.0	7.5 to 9.5	10.0 to 12.0	15.0 to 17.0	20.0 to 22.0	25.0 to 27.0
Metres (m)		0.0 to 0.61	0.76 to 1.37	1.52 to 2.13	2.29 to 2.90	3.05 to 3.66	4.57 to 5.18	6.10 to 6.71	7.62 to 8.23
Borehole IDs	BH 24-1	1				1			
	BH 24-2		1		1	1			
	BH 24-3	1			1				
	BH 24-4	1				1			
	BH 24-5	1				1			
	BH 24-6		1						
	BH 24-7			1			1		
	BH 24-8		1			1			
	BH 24-9		1						
	BH 24-10			1					
	BH 24-11		1						
	BH 24-12	1			1				
	BH 24-13			1					
	BH 24-14	1			1				
	BH 24-15			1					
	BH 24-16	1		1	1				
	BH 24-17	1	1		1				

Leachate soil samples were required to be sampled from the worst-case scenario bulk soil samples.

3 Fieldwork

Fieldwork and environmental soil sampling were solely conducted by Englobe. Drilling locations, sampling frequencies and analyzed parameters were provided prior to conducting the site investigation. The drilling information for the Project Area is as follows:

Borehole	BH1 to BH17
Date of Work	June 17 to 20, 2024
Name of Contractor	Drilltech Drilling Limited

Equipment Used	Track Mount CME 45 truck-mounted Rig with a 2-inch split spoon sampling device.
Decontamination Measures	The split spoon sampling device was washed between each sample to minimize the potential for cross-contamination.
Sampling Frequency	Please refer to the borehole logs in Appendix A for the sampling frequency.

Englobe supervised the advancement of seventeen (17) boreholes across the Work Area, drilling was completed by Drilltech Drilling Limited under the continuous supervision of an Englobe field technician. The locations of the BHs on the Project Area are presented on the attached **Figure 3**.

The boreholes were advanced to a maximum depth of 5.2 to 8.2 below the ground surface (mbgs) at the Property. Borehole logs with soil descriptions were prepared by the geotechnical engineer and are presented in **Appendix A**. Englobe collected representative soil samples from the selected boreholes that were advanced on the Project Area. Boreholes were advanced by the solid stem auger drilling method.

All samples were submitted for chemical analysis to a Canadian Association for Environmental Analytical Laboratories (CAEAL) certified laboratory.

4 Chemical Analysis

4.1 Testing Required By O.Reg 406/19

The soil samples selected for bulk analysis were as follows:

No.	Sample ID	Depth (m)	M&Is	PHCs + BTEX	VOCs	PAHs	PCBs
1	BH 24-1/SS1	0.3	✓	✓	✓	✓	✓
2	BH 24-1/SS5	3.35	✓	✓	✓	✓	✓
3	BH 24-2/SS2	1.07	✓	✓	✓	✓	✓
4	BH 24-2/SS4	2.59	✓		✓	✓	✓
5	BH 24-2/SS5	3.35		✓	✓		
6	BH 24-3/SS1	0.3	✓	✓	✓	✓	✓
7	BH 24-3/SS4	1.83	✓	✓	✓	✓	✓
8	BH 24-4/SS1	0.3	✓	✓	✓	✓	✓
9	BH 24-4/SS5	3.35	✓	✓	✓	✓	✓
10	BH 24-5/SS1	0.3	✓	✓	✓	✓	✓

No.	Sample ID	Depth (m)	M&Is	PHCs + BTEX	VOCs	PAHs	PCBs
11	BH 24-5/SS5	3.35	✓	✓	✓	✓	✓
12	BH 24-6/SS2	1.07	✓	✓	✓	✓	✓
13	BH 24-7/SS3	1.83	✓	✓	✓	✓	✓
14	BH 24-7/SS6	4.88	✓	✓	✓	✓	✓
15	BH 24-8/SS2	1.07	✓	✓	✓	✓	✓
16	BH 24-8/SS5	3.35	✓	✓	✓	✓	✓
17	BH 24-9/SS2	1.07	✓	✓	✓	✓	✓
18	BH 24-10/SS3	1.83	✓	✓	✓	✓	✓
19	BH 24-11/SS2	1.07	✓	✓	✓	✓	✓
20	BH 24-12/SS1	0.3	✓	✓	✓	✓	✓
21	BH 24-12/SS4	2.59	✓	✓	✓	✓	✓
22	BH 24-13/SS3	1.83	✓	✓	✓	✓	✓
23	BH 24-14/SS1	0.3	✓	✓	✓	✓	✓
24	BH 24-14/SS4	2.59	✓	✓	✓	✓	✓
25	BH 24-15/SS3	1.83	✓	✓	✓	✓	✓
26	BH 24-16/SS1	0.3	✓	✓	✓	✓	✓
27	BH 24-16/SS3	1.83	✓	✓	✓	✓	✓
28	BH 24-16/SS4	2.59	✓	✓	✓	✓	✓
29	BH 24-17/SS1	0.3	✓	✓	✓	✓	✓
30	BH 24-17/SS2	1.07	✓	✓	✓	✓	✓
31	BH 24-17/SS4	2.59	✓	✓	✓	✓	✓
32	DUP#1 - BH 24-3/SS1	0.3	✓	✓	✓	✓	✓
33	DUP#2 - BH 24-5/SS1	0.3	✓	✓	✓	✓	✓
34	DUP#3 - BH 24-16/SS1	0.3	✓	✓	✓	✓	✓
35	DUP#4 - BH 24-10/SS3	1.83	✓	✓	✓	✓	✓

M&Is - Metals and Inorganics

PHCs + BTEX - Petroleum Hydrocarbons and Benzene, Toluene, Ethylbenzene, Xylenes

VOCs - Volatile Organic Compounds

PAHs - Polycyclic Aromatic Hydrocarbons

PCBs - Polychlorinated Biphenyl

The soil samples selected for leachate analysis (mSPLP as per O.Reg 406/19) were as follows:

No.	Sample ID	Depth (m)	mSPLP M&Is	mSPLP VOCs
1	BH 24-1/SS1	0.3	✓	✓
2	BH 24-2/SS2	1.07	✓	✓
3	BH 24-3/SS1	0.3	✓	✓
4	BH 24-4/SS1	0.3	✓	✓
5	BH 24-4/SS5	3.35	✓	✓
6	BH 24-6/SS2	1.07	✓	✓
7	BH 24-7/SS3	1.83	✓	✓
8	BH 24-10/SS3	1.83	✓	✓

5 Excess Soil Quality Standards

The analytical results of the bulk soil quality testing were compared to the following generic excess soil quality standards tables in O.Reg. 406/19:

- **Table 1** Full Depth Background Site Condition Standards for Residential, Parkland, Institutional, Industrial, Commercial and Community Property Use (**2011 MECP Table 1 Standards)**.
- **Table 2.1** Full Depth Excess Soil Quality Standards in a Potable Ground Water Condition for Residential, Parkland, Institutional Property Use (**Table 2.1 RPI Standards**).
- **Table 2.1** Full Depth Excess Soil Quality Standards in a Potable Ground Water Condition for Industrial, Commercial and Community Property Use (**Table 2.1 ICC Standards**).
- **Table 3.1** Full Depth Excess Soil Quality Standards in a Non-Potable Ground Water Condition for Residential, Parkland and Institutional Property Use (**Table 3.1 RPI Standards**).
- **Table 3.1** Full Depth Excess Soil Quality Standards in a Non-Potable Ground Water Condition for Industrial, Commercial and Community Property Use (**Table 3.1 ICC Standards**).
- **Table 3** Full Depth Excess Soil Quality Standards in a Non-Potable Ground Water Condition for Industrial, Commercial and Community Property Use (**Table 3 ICC Standards**).

The analytical results of the leachate analysis were compared to the following generic leachate screening levels for excess soil reuse:

- **Table 1** Leachate Screening Levels for Excess Soil Reuse for Residential, Parkland, Institutional, Industrial, Commercial and Community Property Use.
- **Table 3.1** Leachate Screening Levels for Full Depth Excess Soil in a Non-Potable Ground Water Condition for Residential, Parkland, Institutional Property Use.

- **Table 3.1** Leachate Screening Levels for Full Depth Excess Soil in a Non-Potable Ground Water Condition for Industrial, Commercial, Community Property Use.

6 Soil Quality Results

The results of the chemical analysis conducted on the soil samples collected at the Project Area indicate minor exceedances that are identified below.

6.1 O.Reg 406/19: Bulk Soil Samples

The soil samples selected for bulk analysis were as follows:

6.1.1 Borehole 24-1

#	Sample ID	Depth (m)	Date Samples Collected	Date Analyzed	Laboratory Certificate of Analysis Reference	Laboratory Sample Reference
1	BH 24-1/SS1	0.3	18-Jun-24	21-Jun-24	CA40160-JUN24 R	CA40160-JUN24 R - 10

REPORTED EXCEEDANCE VALUES – BH24-1/SS1							
MECP Standards / Parameters	Table 1	Table 2.1 RPI	Table 2.1 ICC	Table 3.1 RPI	Table 3.1 ICC	Table 2 RPI	BH 24-1/SS1
Other Regulated Parameters							
Electrical Conductivity (mS/cm)	**0.57**	**0.7**	**1.4**	**0.7**	**1.4**	**0.7**	2.4
Sodium Adsorption Ratio	**2.4**	**5**	**12**	**5**	**12**	**5**	50.3
Petroleum Hydrocarbons							
PHC F4	**120**	2800	3300	2800	3300	2800	278
PHC F4G	**120**	2800	3300	2800	3300	2800	2400

Note: • Reported values above the Standards are **Bold** and Shaded.

#	Sample ID	Depth (m)	Date Samples Collected	Date Analyzed	Laboratory Certificate of Analysis Reference	Laboratory Sample Reference
2	BH 24-1/SS5	3.35	18-Jun-24	21-Jun-24	CA40160-JUN24 R	CA40160-JUN24 R - 11

REPORTED EXCEEDANCE VALUES – BH24-1/SS5							
MECP Standards / Parameters	Table 1	Table 2.1 RPI	Table 2.1 ICC	Table 3.1 RPI	Table 3.1 ICC	Table 2 RPI	BH 24-1/SS5
Other Regulated Parameters							
Sodium Adsorption Ratio	**2.4**	**5**	12	**5**	12	**5**	5.2

Note: • Reported values above the Standards are **Bold** and Shaded.

6.1.2 Borehole 24-2

#	Sample ID	Depth (m)	Date Samples Collected	Date Analyzed	Laboratory Certificate of Analysis Reference	Laboratory Sample Reference
3	BH 24-2/SS2	1.07	17-Jun-24	21-Jun-24	CA40160-JUN24 R	CA40160-JUN24 R - 12

REPORTED EXCEEDANCE VALUES – BH24-2/SS2							
MECP Standards / Parameters	Table 1	Table 2.1 RPI	Table 2.1 ICC	Table 3.1 RPI	Table 3.1 ICC	Table 2 RPI	BH 24-2/SS2
Other Regulated Parameters							
Electrical Conductivity (mS/cm)	**0.57**	**0.7**	**1.4**	**0.7**	**1.4**	**0.7**	8.0
Sodium Adsorption Ratio	**2.4**	**5**	**12**	**5**	**12**	**5**	110

Note: • Reported values above the Standards are **Bold** and Shaded.

#	Sample ID	Depth (m)	Date Samples Collected	Date Analyzed	Laboratory Certificate of Analysis Reference	Laboratory Sample Reference
4	BH 24-2/SS4	2.59	17-Jun-24	21-Jun-24	CA40160-JUN24 R	CA40160-JUN24 R - 13

REPORTED EXCEEDANCE VALUES – BH24-2/SS4							
MECP Standards / Parameters	Table 1	Table 2.1 RPI	Table 2.1 ICC	Table 3.1 RPI	Table 3.1 ICC	Table 2 RPI	BH 24-2/SS4
Other Regulated Parameters							
Electrical Conductivity (mS/cm)	**0.57**	**0.7**	**1.4**	**0.7**	**1.4**	**0.7**	3.2
Sodium Adsorption Ratio	**2.4**	**5**	**12**	**5**	**12**	**5**	20.3

Note: • Reported values above the Standards are **Bold** and Shaded.

#	Sample ID	Depth (m)	Date Samples Collected	Date Analyzed	Laboratory Certificate of Analysis Reference	Laboratory Sample Reference
5	BH 24-2/SS5	3.35	17-Jun-24	21-Jun-24	CA40160-JUN24 R	CA40160-JUN24 R - 14

REPORTED EXCEEDANCE VALUES – BH24-2/SS5							
MECP Standards / Parameters	Table 1	Table 2.1 RPI	Table 2.1 ICC	Table 3.1 RPI	Table 3.1 ICC	Table 2 RPI	BH 24-2/SS5

Note: • No Reported Exceedances.

6.1.3 Borehole 24-3

#	Sample ID	Depth (m)	Date Samples Collected	Date Analyzed	Laboratory Certificate of Analysis Reference	Laboratory Sample Reference
6	BH 24-3/SS1	0.3	17-Jun-24	21-Jun-24	CA40160-JUN24 R	CA40160-JUN24 R - 15

REPORTED EXCEEDANCE VALUES – BH24-3/SS1							
MECP Standards / Parameters	Table 1	Table 2.1 RPI	Table 2.1 ICC	Table 3.1 RPI	Table 3.1 ICC	Table 2 RPI	BH 24-3/SS1
Other Regulated Parameters							
Sodium Adsorption Ratio	**2.4**	**5**	**12**	**5**	**12**	**5**	13.4

#	Sample ID	Depth (m)	Date Samples Collected	Date Analyzed	Laboratory Certificate of Analysis Reference	Laboratory Sample Reference

Note: • Reported values above the Standards are **Bold** and Shaded.

#	Sample ID	Depth (m)	Date Samples Collected	Date Analyzed	Laboratory Certificate of Analysis Reference	Laboratory Sample Reference
7	BH 24-3/SS4	1.83	17-Jun-24	21-Jun-24	CA40160-JUN24 R	CA40160-JUN24 R - 16

REPORTED EXCEEDANCE VALUES – BH24-3/SS4							
MECP Standards / Parameters	Table 1	Table 2.1 RPI	Table 2.1 ICC	Table 3.1 RPI	Table 3.1 ICC	Table 2 RPI	BH 24-3/SS4
Other Regulated Parameters							
Electrical Conductivity (mS/cm)	**0.57**	**0.7**	**1.4**	**0.7**	**1.4**	**0.7**	2.0
Sodium Adsorption Ratio	**2.4**	**5**	**12**	**5**	**12**	**5**	14.0

Note: • Reported values above the Standards are **Bold** and Shaded.

6.1.4 Borehole 24-4

#	Sample ID	Depth (m)	Date Samples Collected	Date Analyzed	Laboratory Certificate of Analysis Reference	Laboratory Sample Reference
8	BH 24-4/SS1	0.3	17-Jun-24	21-Jun-24	CA40160-JUN24 R	CA40160-JUN24 R - 17

REPORTED EXCEEDANCE VALUES – BH24-4/SS1							
MECP Standards / Parameters	Table 1	Table 2.1 RPI	Table 2.1 ICC	Table 3.1 RPI	Table 3.1 ICC	Table 2 RPI	BH 24-4/SS1
Other Regulated Parameters							
Electrical Conductivity (mS/cm)	**0.57**	**0.7**	**1.4**	**0.7**	**1.4**	**0.7**	6.4
Sodium Adsorption Ratio	**2.4**	**5**	**12**	**5**	**12**	**5**	93.0
Petroleum Hydrocarbons							
PHC F4	**120**	2800	3300	2800	3300	2800	456
PHC F4G	**120**	2800	3300	2800	3300	2800	1630

Note: • Reported values above the Standards are **Bold** and Shaded.

#	Sample ID	Depth (m)	Date Samples Collected	Date Analyzed	Laboratory Certificate of Analysis Reference	Laboratory Sample Reference
9	BH 24-4/SS5	3.35	17-Jun-24	21-Jun-24	CA40160-JUN24 R	CA40160-JUN24 R - 18

REPORTED EXCEEDANCE VALUES – BH24-4/SS5							
MECP Standards / Parameters	Table 1	Table 2.1 RPI	Table 2.1 ICC	Table 3.1 RPI	Table 3.1 ICC	Table 2 RPI	BH 24-4/SS5
Other Regulated Parameters							
Electrical Conductivity (mS/cm)	**0.57**	**0.7**	**1.4**	**0.7**	**1.4**	**0.7**	2.2
Sodium Adsorption Ratio	**2.4**	**5**	**12**	**5**	**12**	**5**	29.9

Note: • Reported values above the Standards are **Bold** and Shaded.

6.1.5 Borehole 24-5

#	Sample ID	Depth (m)	Date Samples Collected	Date Analyzed	Laboratory Certificate of Analysis Reference	Laboratory Sample Reference
10	BH 24-5/SS1	0.3	18-Jun-24	21-Jun-24	CA40160-JUN24 R	CA40160-JUN24 R - 19

REPORTED EXCEEDANCE VALUES – BH24-5/SS1							
MECP Standards / Parameters	Table 1	Table 2.1 RPI	Table 2.1 ICC	Table 3.1 RPI	Table 3.1 ICC	Table 2 RPI	BH 24-5/SS1

Note: • No Reported Exceedances

#	Sample ID	Depth (m)	Date Samples Collected	Date Analyzed	Laboratory Certificate of Analysis Reference	Laboratory Sample Reference
11	BH 24-5/SS5	3.35	18-Jun-24	21-Jun-24	CA40160-JUN24 R	CA40160-JUN24 R - 20

REPORTED EXCEEDANCE VALUES – BH24-5/SS5							
MECP Standards / Parameters	Table 1	Table 2.1 RPI	Table 2.1 ICC	Table 3.1 RPI	Table 3.1 ICC	Table 2 RPI	BH 24-5/SS5
Other Regulated Parameters							
Electrical Conductivity (mS/cm)	**0.57**	**0.7**	**1.4**	**0.7**	**1.4**	**0.7**	1.9
Sodium Adsorption Ratio	**2.4**	**5**	**12**	**5**	**12**	**5**	22.7

Note: • Reported values above the Standards are **Bold** and Shaded.

6.1.6 Borehole 24-6

#	Sample ID	Depth (m)	Date Samples Collected	Date Analyzed	Laboratory Certificate of Analysis Reference	Laboratory Sample Reference
12	BH 24-6/SS2	1.07	18-Jun-24	21-Jun-24	CA40160-JUN24 R	CA40160-JUN24 R - 21

REPORTED EXCEEDANCE VALUES – BH24-6/SS2							
MECP Standards / Parameters	Table 1	Table 2.1 RPI	Table 2.1 ICC	Table 3.1 RPI	Table 3.1 ICC	Table 2 RPI	BH 24-6/SS2
Other Regulated Parameters							
Electrical Conductivity (mS/cm)	**0.57**	**0.7**	**1.4**	**0.7**	**1.4**	**0.7**	4.2
Sodium Adsorption Ratio	**2.4**	**5**	**12**	**5**	**12**	**5**	62.6
Petroleum Hydrocarbons							
PHC F4	**120**	2800	3300	2800	3300	2800	457
PHC F4G	**120**	2800	3300	2800	3300	2800	1460

Note: • Reported values above the Standards are **Bold** and Shaded.

6.1.7 Borehole 24-7

#	Sample ID	Depth (m)	Date Samples Collected	Date Analyzed	Laboratory Certificate of Analysis Reference	Laboratory Sample Reference
13	BH 24-7/SS3	1.83	18-Jun-24	21-Jun-24	CA40160-JUN24 R	CA40160-JUN24 R - 22

REPORTED EXCEEDANCE VALUES – BH24-7/SS3							
MECP Standards / Parameters	Table 1	Table 2.1 RPI	Table 2.1 ICC	Table 3.1 RPI	Table 3.1 ICC	Table 2 RPI	BH 24-7/SS3
Other Regulated Parameters							
Sodium Adsorption Ratio	**2.4**	**5**	12	**5**	12	**5**	4.3

Note: • Reported values above the Standards are **Bold** and Shaded.

#	Sample ID	Depth (m)	Date Samples Collected	Date Analyzed	Laboratory Certificate of Analysis Reference	Laboratory Sample Reference
14	BH 24-7/SS6	4.88	18-Jun-24	21-Jun-24	CA40160-JUN24 R	CA40160-JUN24 R - 23

REPORTED EXCEEDANCE VALUES – BH24-7/SS6							
MECP Standards / Parameters	Table 1	Table 2.1 RPI	Table 2.1 ICC	Table 3.1 RPI	Table 3.1 ICC	Table 2 RPI	BH 24-7/SS6

Note: • No Reported Exceedances

6.1.8 Borehole 24-8

#	Sample ID	Depth (m)	Date Samples Collected	Date Analyzed	Laboratory Certificate of Analysis Reference	Laboratory Sample Reference
15	BH 24-8/SS2	1.07	19-Jun-24	21-Jun-24	CA40160-JUN24 R	CA40160-JUN24 R - 24

REPORTED EXCEEDANCE VALUES – BH24-8/SS2							
MECP Standards / Parameters	Table 1	Table 2.1 RPI	Table 2.1 ICC	Table 3.1 RPI	Table 3.1 ICC	Table 2 RPI	BH 24-8/SS2

Note: • No Reported Exceedances

#	Sample ID	Depth (m)	Date Samples Collected	Date Analyzed	Laboratory Certificate of Analysis Reference	Laboratory Sample Reference
16	BH 24-8/SS5	3.35	19-Jun-24	21-Jun-24	CA40160-JUN24 R	CA40160-JUN24 R - 25

REPORTED EXCEEDANCE VALUES – BH24-8/SS5							
MECP Standards / Parameters	Table 1	Table 2.1 RPI	Table 2.1 ICC	Table 3.1 RPI	Table 3.1 ICC	Table 2 RPI	BH 24-8/SS5

Note: • No Reported Exceedances

6.1.9 Borehole 24-9

#	Sample ID	Depth (m)	Date Samples Collected	Date Analyzed	Laboratory Certificate of Analysis Reference	Laboratory Sample Reference
17	BH 24-9/SS2	1.07	19-Jun-24	21-Jun-24	CA40160-JUN24 R	CA40160-JUN24 R - 26

REPORTED EXCEEDANCE VALUES – BH24-9/SS2							
MECP Standards / Parameters	Table 1	Table 2.1 RPI	Table 2.1 ICC	Table 3.1 RPI	Table 3.1 ICC	Table 2 RPI	BH 24-9/SS2

Note: • No Reported Exceedances

6.1.10 Borehole 24-10

#	Sample ID	Depth (m)	Date Samples Collected	Date Analyzed	Laboratory Certificate of Analysis Reference	Laboratory Sample Reference
18	BH 24-10/SS3	1.83	19-Jun-24	21-Jun-24	CA40160-JUN24 R	CA40160-JUN24 R - 27

REPORTED EXCEEDANCE VALUES – BH24-10/SS3							
MECP Standards / Parameters	Table 1	Table 2.1 RPI	Table 2.1 ICC	Table 3.1 RPI	Table 3.1 ICC	Table 2 RPI	BH 24-10/SS3
Other Regulated Parameters							
Sodium Adsorption Ratio	**2.4**	5	12	5	12	5	2.7

Note: • Reported values above the Standards are **Bold** and Shaded.

6.1.11 Borehole 24-11

#	Sample ID	Depth (m)	Date Samples Collected	Date Analyzed	Laboratory Certificate of Analysis Reference	Laboratory Sample Reference
19	BH 24-11/SS2	1.07	20-Jun-24	21-Jun-24	CA40160-JUN24 R	CA40160-JUN24 R - 28

REPORTED EXCEEDANCE VALUES – BH24-11/SS2							
MECP Standards / Parameters	Table 1	Table 2.1 RPI	Table 2.1 ICC	Table 3.1 RPI	Table 3.1 ICC	Table 2 RPI	BH 24-11/SS2

Note: • No Reported Exceedances

6.1.12 Borehole 24-12

#	Sample ID	Depth (m)	Date Samples Collected	Date Analyzed	Laboratory Certificate of Analysis Reference	Laboratory Sample Reference
20	BH 24-12/SS1	0.3	20-Jun-24	21-Jun-24	CA40160-JUN24 R	CA40160-JUN24 R - 29

REPORTED EXCEEDANCE VALUES – BH24-12/SS1							
MECP Standards / Parameters	Table 1	Table 2.1 RPI	Table 2.1 ICC	Table 3.1 RPI	Table 3.1 ICC	Table 2 RPI	BH 24-12/SS1

#	Sample ID	Depth (m)	Date Samples Collected	Date Analyzed	Laboratory Certificate of Analysis Reference	Laboratory Sample Reference

Note: • No Reported Exceedances

#	Sample ID	Depth (m)	Date Samples Collected	Date Analyzed	Laboratory Certificate of Analysis Reference	Laboratory Sample Reference
21	BH 24-12/SS4	2.59	20-Jun-24	21-Jun-24	CA40160-JUN24 R	CA40160-JUN24 R - 30

REPORTED EXCEEDANCE VALUES – BH24-12/SS4							
MECP Standards / Parameters	Table 1	Table 2.1 RPI	Table 2.1 ICC	Table 3.1 RPI	Table 3.1 ICC	Table 2 RPI	BH 24-12/SS4

Note: • No Reported Exceedances

6.1.13 Borehole 24-13

#	Sample ID	Depth (m)	Date Samples Collected	Date Analyzed	Laboratory Certificate of Analysis Reference	Laboratory Sample Reference
22	BH 24-13/SS3	1.83	20-Jun-24	21-Jun-24	CA40160-JUN24 R	CA40160-JUN24 R - 31

REPORTED EXCEEDANCE VALUES – BH24-13/SS3							
MECP Standards / Parameters	Table 1	Table 2.1 RPI	Table 2.1 ICC	Table 3.1 RPI	Table 3.1 ICC	Table 2 RPI	BH 24-13/SS3

Note: • No Reported Exceedances

6.1.14 Borehole 24-14

#	Sample ID	Depth (m)	Date Samples Collected	Date Analyzed	Laboratory Certificate of Analysis Reference	Laboratory Sample Reference
23	BH 24-14/SS1	0.3	20-Jun-24	21-Jun-24	CA40160-JUN24 R	CA40160-JUN24 R - 32

REPORTED EXCEEDANCE VALUES – BH24-14/SS1							
MECP Standards / Parameters	Table 1	Table 2.1 RPI	Table 2.1 ICC	Table 3.1 RPI	Table 3.1 ICC	Table 2 RPI	BH 24-14/SS1

Note: • No Reported Exceedances

#	Sample ID	Depth (m)	Date Samples Collected	Date Analyzed	Laboratory Certificate of Analysis Reference	Laboratory Sample Reference
24	BH 24-14/SS4	2.59	20-Jun-24	21-Jun-24	CA40160-JUN24 R	CA40160-JUN24 R - 33

REPORTED EXCEEDANCE VALUES – BH24-14/SS4							
MECP Standards / Parameters	Table 1	Table 2.1 RPI	Table 2.1 ICC	Table 3.1 RPI	Table 3.1 ICC	Table 2 RPI	BH 24-14/SS4

Note: • No Reported Exceedances

6.1.15 Borehole 24-15

#	Sample ID	Depth (m)	Date Samples Collected	Date Analyzed	Laboratory Certificate of Analysis Reference	Laboratory Sample Reference	
25	BH 24-15/SS3	1.83	20-Jun-24	21-Jun-24	CA40160-JUN24 R	CA40160-JUN24 R - 34	
	REPORTED EXCEEDANCE VALUES – BH24-15/SS3						
	MECP Standards / Parameters	Table 1	Table 2.1 RPI	Table 2.1 ICC	Table 3.1 RPI	Table 3.1 ICC	Table 2 RPI	BH 24-14/SS1

Note: • No Reported Exceedances

6.1.16 Borehole 24-16

#	Sample ID	Depth (m)	Date Samples Collected	Date Analyzed	Laboratory Certificate of Analysis Reference	Laboratory Sample Reference	
26	BH 24-16/SS1	0.3	19-Jun-24	21-Jun-24	CA40160-JUN24 R	CA40160-JUN24 R - 35	
	REPORTED EXCEEDANCE VALUES – BH24-16/SS1						
	MECP Standards / Parameters	Table 1	Table 2.1 RPI	Table 2.1 ICC	Table 3.1 RPI	Table 3.1 ICC	Table 2 RPI	BH 24-16/SS1

Note: • No Reported Exceedances

#	Sample ID	Depth (m)	Date Samples Collected	Date Analyzed	Laboratory Certificate of Analysis Reference	Laboratory Sample Reference	
27	BH 24-16/SS3	1.83	19-Jun-24	21-Jun-24	CA40160-JUN24 R	CA40160-JUN24 R - 36	
	REPORTED EXCEEDANCE VALUES – BH24-16/SS3						
	MECP Standards / Parameters	Table 1	Table 2.1 RPI	Table 2.1 ICC	Table 3.1 RPI	Table 3.1 ICC	Table 2 RPI	BH 24-16/SS3

Note: • No Reported Exceedances

#	Sample ID	Depth (m)	Date Samples Collected	Date Analyzed	Laboratory Certificate of Analysis Reference	Laboratory Sample Reference	
28	BH 24-16/SS4	2.59	19-Jun-24	21-Jun-24	CA40160-JUN24 R	CA40160-JUN24 R - 37	
	REPORTED EXCEEDANCE VALUES – BH24-16/SS4						
	MECP Standards / Parameters	Table 1	Table 2.1 RPI	Table 2.1 ICC	Table 3.1 RPI	Table 3.1 ICC	Table 2 RPI	BH 24-16/SS4

Note: • No Reported Exceedances

6.1.17 Borehole 24-17

#	Sample ID	Depth (m)	Date Samples Collected	Date Analyzed	Laboratory Certificate of Analysis Reference	Laboratory Sample Reference
29	BH 24-17/SS1	0.3	17-Jun-24	21-Jun-24	CA40160-JUN24 R	CA40160-JUN24 R - 38
	REPORTED EXCEEDANCE VALUES – BH24-17/SS1					

#	Sample ID	Depth (m)	Date Samples Collected	Date Analyzed	Laboratory Certificate of Analysis Reference	Laboratory Sample Reference

Parameters \ MECP Standards	Table 1	Table 2.1 RPI	Table 2.1 ICC	Table 3.1 RPI	Table 3.1 ICC	Table 2 RPI	BH 24-17/SS1

Note: • No Reported Exceedances

#	Sample ID	Depth (m)	Date Samples Collected	Date Analyzed	Laboratory Certificate of Analysis Reference	Laboratory Sample Reference
30	BH 24-17/SS2	1.07	17-Jun-24	21-Jun-24	CA40160-JUN24 R	CA40160-JUN24 R - 39

REPORTED EXCEEDANCE VALUES – BH24-17/SS2

Parameters \ MECP Standards	Table 1	Table 2.1 RPI	Table 2.1 ICC	Table 3.1 RPI	Table 3.1 ICC	Table 2 RPI	BH 24-17/SS2
Other Regulated Parameters							
Electrical Conductivity (mS/cm)	**0.57**	**0.7**	**1.4**	**0.7**	**1.4**	**0.7**	2.2
Sodium Adsorption Ratio	**2.4**	**5**	**12**	**5**	**12**	**5**	15.3
Petroleum Hydrocarbons							
PHC F4	**120**	2800	3300	2800	3300	2800	122

Note: • Reported values above the Standards are **Bold** and Shaded.

#	Sample ID	Depth (m)	Date Samples Collected	Date Analyzed	Laboratory Certificate of Analysis Reference	Laboratory Sample Reference
31	BH 24-17/SS4	2.59	17-Jun-24	21-Jun-24	CA40160-JUN24 R	CA40160-JUN24 R - 40

REPORTED EXCEEDANCE VALUES – BH24-17/SS4

Parameters \ MECP Standards	Table 1	Table 2.1 RPI	Table 2.1 ICC	Table 3.1 RPI	Table 3.1 ICC	Table 2 RPI	BH 24-17/SS4
Other Regulated Parameters							
Electrical Conductivity (mS/cm)	**0.57**	**0.7**	1.4	**0.7**	1.4	**0.7**	0.78
Sodium Adsorption Ratio	**2.4**	**5**	12	**5**	12	**5**	6.4

Note: • Reported values above the Standards are **Bold** and Shaded.

6.1.18 Quality Control/Quality Assurance Samples

#	Sample ID	Depth (m)	Date Samples Collected	Date Analyzed	Laboratory Certificate of Analysis Reference	Laboratory Sample Reference
32	DUP#1 BH 24-3/SS1	0.3	17-Jun-24	21-Jun-24	CA40160-JUN24 R	CA40160-JUN24 R - 41

REPORTED EXCEEDANCE VALUES – DUP#1 (BH 24-3/SS1)

#	Sample ID	Depth (m)	Date Samples Collected	Date Analyzed	Laboratory Certificate of Analysis Reference	Laboratory Sample Reference

	MECP Standards / Parameters	Table 1	Table 2.1 RPI	Table 2.1 ICC	Table 3.1 RPI	Table 3.1 ICC	Table 2 RPI	DUP#1 BH 24-3/SS1
	Other Regulated Parameters							
	Electrical Conductivity (mS/cm)	**0.57**	0.7	1.4	0.7	1.4	0.7	0.62
	Sodium Adsorption Ratio	**2.4**	**5**	**12**	**5**	**12**	**5**	13.7
	Metals							
	Chromium VI	**0.66**	8	8	8	8	8	2.2

Note: • Reported values above the Standards are **Bold** and Shaded.

#	Sample ID	Depth (m)	Date Samples Collected	Date Analyzed	Laboratory Certificate of Analysis Reference	Laboratory Sample Reference
33	DUP#2 BH 24-5/SS1	0.3	18-Jun-24	21-Jun-24	CA40160-JUN24 R	CA40160-JUN24 R - 42

	REPORTED EXCEEDANCE VALUES – DUP#2 (BH 24-5/SS1)							
	MECP Standards / Parameters	Table 1	Table 2.1 RPI	Table 2.1 ICC	Table 3.1 RPI	Table 3.1 ICC	Table 2 RPI	DUP#2 BH 24-5/SS1

Note: • No Reported Exceedances

#	Sample ID	Depth (m)	Date Samples Collected	Date Analyzed	Laboratory Certificate of Analysis Reference	Laboratory Sample Reference
34	DUP#3 BH 24-16/SS1	0.3	19-Jun-24	21-Jun-24	CA40160-JUN24 R	CA40160-JUN24 R - 43

	REPORTED EXCEEDANCE VALUES – DUP#3 (BH 24-16/SS1)							
	MECP Standards / Parameters	Table 1	Table 2.1 RPI	Table 2.1 ICC	Table 3.1 RPI	Table 3.1 ICC	Table 2 RPI	DUP#3 BH 24-16/SS1

Note: • No Reported Exceedances

#	Sample ID	Depth (m)	Date Samples Collected	Date Analyzed	Laboratory Certificate of Analysis Reference	Laboratory Sample Reference
35	DUP#4 BH 24-10/SS3	1.83	19-Jun-24	21-Jun-24	CA40160-JUN24 R	CA40160-JUN24 R - 44

	REPORTED EXCEEDANCE VALUES – DUP#4 (BH 24-10/SS3)							
	MECP Standards / Parameters	Table 1	Table 2.1 RPI	Table 2.1 ICC	Table 3.1 RPI	Table 3.1 ICC	Table 2 RPI	DUP#4 BH 24-10/SS3
	Other Regulated Parameters							
	Sodium Adsorption Ratio	**2.4**	5	12	5	12	5	3.1

Note: • Reported values above the Standards are **Bold** and Shaded.

The results of the chemical analysis are provided in the attached laboratory Certificates of Analysis (CoAs) in **Appendix C.**

6.2 O.Reg 406/19: leachate (mSPLP) Samples

The soil samples selected for leachate analysis by mSPLP are presented in the following table:

No	Sample ID	Depth (m)	Sample Collection Date	Date Analyzed	COA Laboratory Reference Number	Table 1 RPI/ICC Leachate Screening Levels	Table 3.1 RPI Leachate Screening Levels	Table 3.1 ICC Leachate Screening Levels
1	BH 24-1/SS1	0.3	18-Jun-24	17-Jul-24	CA15593-JUL24 R1 -31	Meets	Meets	Meets
2	BH 24-2/SS2	1.07	17-Jun-24	17-Jul-24	CA15593-JUL24 R1 -32	Meets	Meets	Meets
3	BH 24-3/SS1	0.3	17-Jun-24	17-Jul-24	CA15593-JUL24 R1 -33	Meets	Meets	Meets
4	BH 24-4/SS1	0.3	17-Jun-24	17-Jul-24	CA15593-JUL24 R1 -34	Meets	Meets	Meets
5	BH 24-4/SS5	3.35	17-Jun-24	17-Jul-24	CA15593-JUL24 R1 -35	Meets	Meets	Meets
6	BH 24-6/SS2	1.07	18-Jun-24	17-Jul-24	CA15593-JUL24 R1 -36	Meets	Meets	Meets
7	BH 24-7/SS3	1.83	18-Jun-24	17-Jul-24	CA15593-JUL24 R1 -37	Meets	Meets	Meets
8	BH 24-10/SS3	1.83	19-Jun-24	17-Jul-24	CA15593-JUL24 R1 -38	Meets	Meets	Meets

The results of the leachate testing are provided in the attached laboratory CoAs in **Appendix B.**

7 Deviations from O.Reg. 406/19 Sampling and Analysis Plan

To satisfy O.Reg. 406/19, a minimum of thirty-three (33) in-situ soil samples for bulk analysis, along with four (4) QA/QC samples, were required, and a minimum of the ten (10) mSPLP samples were required for leachate analysis for the redevelopment work scheduled to take place at the Uxbridge Hospital.

Due to lower then expected sample recovery as part of the retaining wall investigation six (6) in-situ soil samples were submitted for bulk analysis. Also, due to the small number of MECP Table 1 exceedances noted for PHC parameters and one (1) metal parameter throughout the entire investigation, mSPLP analysis was conducted on a limited-basis eight (8) samples in total were submitted for mSPLP analysis as part of this investigation.

8 Soil Quality Characterization

In summary, the analytical results indicate that:

8.1 Borehole 24-1

SS1

Table 1 - The soil meets the Standards, with the exceptions of PHC F4, PHC F4G, EC and SAR.

Table 2.1 RPI & Table 3.1 RPI - The soil meets the Standards, with the exceptions of EC & SAR.

Table 2.1 ICC & Table 3.1 ICC - The soil meets the Standards, with the exceptions of EC & SAR.

SS5

Table 1 - The soil meets the Standards, with the exceptions of SAR

Table 2.1 RPI & Table 3.1 RPI - The soil meets the Standards, with the exceptions of SAR.

Table 2.1 ICC & Table 3.1 ICC - The soil meets the Standards.

8.2 Borehole 24-2

SS2

Table 1 - The soil meets the Standards, with the exceptions of EC & SAR

Table 2.1 RPI & Table 3.1 RPI - The soil meets the Standards, with the exceptions of EC & SAR.

Table 2.1 ICC & Table 3.1 ICC - The soil meets the Standards, with the exceptions of EC & SAR.

SS4

Table 1 - The soil meets the Standards, with the exceptions of EC & SAR

Table 2.1 RPI & Table 3.1 RPI - The soil meets the Standards, with the exceptions of EC & SAR.

Table 2.1 ICC & Table 3.1 ICC - The soil meets the Standards, with the exceptions of EC & SAR.

SS5

Table 1 - The soil meets the Standards.

Table 2.1 RPI & Table 3.1 RPI - The soil meets the Standards.

Table 2.1 ICC & Table 3.1 ICC - The soil meets the Standards.

8.3 Borehole 24-3

SS1

Table 1 - The soil meets the Standards, with the exceptions of SAR

Table 2.1 RPI & Table 3.1 RPI - The soil meets the Standards, with the exceptions of SAR.

Table 2.1 ICC & Table 3.1 ICC - The soil meets the Standards, with the exceptions of SAR.

SS4

Table 1 - The soil meets the Standards, with the exceptions of EC & SAR

Table 2.1 RPI & Table 3.1 RPI - The soil meets the Standards, with the exceptions of EC & SAR.

Table 2.1 ICC & Table 3.1 ICC - The soil meets the Standards, with the exceptions of EC & SAR.

8.4 Borehole 24-4

SS1

Table 1 - The soil meets the Standards, with the exceptions of PHC F4, PHC F4G, EC & SAR

Table 2.1 RPI & Table 3.1 RPI - The soil meets the Standards, with the exceptions of EC & SAR.

Table 2.1 ICC & Table 3.1 ICC - The soil meets the Standards, with the exceptions of EC & SAR.

SS5

Table 1 - The soil meets the Standards, with the exceptions of EC & SAR

Table 2.1 RPI & Table 3.1 RPI - The soil meets the Standards, with the exceptions of EC & SAR.

Table 2.1 ICC & Table 3.1 ICC - The soil meets the Standards, with the exceptions of EC & SAR.

8.5 Borehole 24-5

SS1

Table 1 - The soil meets the Standards.

Table 2.1 RPI & Table 3.1 RPI - The soil meets the Standards.

Table 2.1 ICC & Table 3.1 ICC - The soil meets the Standards.

SS5

Table 1 - The soil meets the Standards, with the exceptions of EC & SAR

Table 2.1 RPI & Table 3.1 RPI - The soil meets the Standards, with the exceptions of EC & SAR.

Table 2.1 ICC & Table 3.1 ICC - The soil meets the Standards, with the exceptions of EC & SAR.

8.6 Borehole 24-6

SS2

Table 1 - The soil meets the Standards, with the exceptions of PHC F4, PHC F4G, EC & SAR

Table 2.1 RPI & Table 3.1 RPI - The soil meets the Standards, with the exceptions of EC & SAR.

Table 2.1 ICC & Table 3.1 ICC - The soil meets the Standards, with the exceptions of EC & SAR.

8.7 Borehole 24-7

SS3

Table 1 - The soil meets the Standards, with the exceptions of SAR

Table 2.1 RPI & Table 3.1 RPI - The soil meets the Standards, with the exceptions of SAR.

Table 2.1 ICC & Table 3.1 ICC - The soil meets the Standards.

SS6

Table 1 - The soil meets the Standards.

Table 2.1 RPI & Table 3.1 RPI - The soil meets the Standards.

Table 2.1 ICC & Table 3.1 ICC - The soil meets the Standards.

8.8 Borehole 24-8

SS2

Table 1 - The soil meets the Standards.

Table 2.1 RPI & Table 3.1 RPI - The soil meets the Standards.

Table 2.1 ICC & Table 3.1 ICC - The soil meets the Standards.

SS5

Table 1 - The soil meets the Standards.

Table 2.1 RPI & Table 3.1 RPI - The soil meets the Standards.

Table 2.1 ICC & Table 3.1 ICC - The soil meets the Standards.

8.9 Borehole 24-9

SS2

Table 1 - The soil meets the Standards.

Table 2.1 RPI & Table 3.1 RPI - The soil meets the Standards.

Table 2.1 ICC & Table 3.1 ICC - The soil meets the Standards.

8.10 Borehole 24-10

SS3

Table 1 - The soil meets the Standards.

Table 2.1 RPI & Table 3.1 RPI - The soil meets the Standards.

Table 2.1 ICC & Table 3.1 ICC - The soil meets the Standards.

8.11 Borehole 24-11

SS2

Table 1 - The soil meets the Standards.

Table 2.1 RPI & Table 3.1 RPI - The soil meets the Standards.

Table 2.1 ICC & Table 3.1 ICC - The soil meets the Standards.

8.12 Borehole 24-12

SS1

Table 1 - The soil meets the Standards.

Table 2.1 RPI & Table 3.1 RPI - The soil meets the Standards.

Table 2.1 ICC & Table 3.1 ICC - The soil meets the Standards.

SS4

Table 1 - The soil meets the Standards.

Table 2.1 RPI & Table 3.1 RPI - The soil meets the Standards.

Table 2.1 ICC & Table 3.1 ICC - The soil meets the Standards.

8.13 Borehole 24-13

SS3

Table 1 - The soil meets the Standards.

Table 2.1 RPI & Table 3.1 RPI - The soil meets the Standards.

Table 2.1 ICC & Table 3.1 ICC - The soil meets the Standards.

8.14 Borehole 24-14

SS1

Table 1 - The soil meets the Standards.

Table 2.1 RPI & Table 3.1 RPI - The soil meets the Standards.

Table 2.1 ICC & Table 3.1 ICC - The soil meets the Standards.

SS4

Table 1 - The soil meets the Standards.

Table 2.1 RPI & Table 3.1 RPI - The soil meets the Standards.

Table 2.1 ICC & Table 3.1 ICC - The soil meets the Standards.

8.15 Borehole 24-15

SS3

Table 1 - The soil meets the Standards.

Table 2.1 RPI & Table 3.1 RPI - The soil meets the Standards.

Table 2.1 ICC & Table 3.1 ICC - The soil meets the Standards.

8.16 Borehole 24-16

SS1

Table 1 - The soil meets the Standards.

Table 2.1 RPI & Table 3.1 RPI - The soil meets the Standards.

Table 2.1 ICC & Table 3.1 ICC - The soil meets the Standards.

SS3

Table 1 - The soil meets the Standards.

Table 2.1 RPI & Table 3.1 RPI - The soil meets the Standards.

Table 2.1 ICC & Table 3.1 ICC - The soil meets the Standards.

SS4

Table 1 - The soil meets the Standards.

Table 2.1 RPI & Table 3.1 RPI - The soil meets the Standards.

Table 2.1 ICC & Table 3.1 ICC - The soil meets the Standards.

8.17 Borehole 24-17

SS2

Table 1 - The soil meets the Standards, with the exceptions of PHC F4, EC and SAR.

Table 2.1 RPI & Table 3.1 RPI - The soil meets the Standards, with the exceptions of EC & SAR.

Table 2.1 ICC & Table 3.1 ICC - The soil meets the Standards, with the exceptions of EC & SAR.

SS4

Table 1 - The soil meets the Standards, with the exceptions of EC and SAR.

Table 2.1 RPI & Table 3.1 RPI - The soil meets the Standards, with the exceptions of EC & SAR.

Table 2.1 ICC & Table 3.1 ICC - The soil meets the Standards.

8.18 Quality Control/Quality Assurance Samples

DUPLICATE 1 – BH24-3-SS1

Table 1 - The soil meets the Standards, with the exceptions of Chromium VI, EC and SAR.

Table 2.1 RPI & Table 3.1 RPI - The soil meets the Standards, with the exceptions of SAR.

Table 2.1 ICC & Table 3.1 ICC - The soil meets the Standards, with the exceptions of SAR.

DUPLICATE 2 – BH24-5-SS1

Table 1 - The soil meets the Standards.

Table 2.1 RPI & Table 3.1 RPI - The soil meets the Standards.

Table 2.1 ICC & Table 3.1 ICC - The soil meets the Standards.

DUPLICATE 3 – BH24-16-SS1

Table 1 - The soil meets the Standards.

Table 2.1 RPI & Table 3.1 RPI - The soil meets the Standards.

Table 2.1 ICC & Table 3.1 ICC - The soil meets the Standards.

DUPLICATE 4 – BH24-10-SS3

Table 1 - The soil meets the Standards, with the exceptions of EC and SAR.

Table 2.1 RPI & Table 3.1 RPI - The soil meets the Standards, with the exceptions of EC and SAR.

Table 2.1 ICC & Table 3.1 ICC - The soil meets the Standards, with the exceptions of EC and SAR.

Excess soil characterization at the Project Area was determined by the QP based on the analytical results contained in this report and is presented in **Figures 4** (Soil Quality – Plan View) and **Figure 5 to 7** (Soil Quality – Profile View). The figures illustrate the soil quality in four (4) colour-coded categories, which are also outlined in the table below. The approximate soil volume of the Project Area based on quantity is also presented in the table below:

Soil Classification	Soil Quality	Approximate Volume of Soil (m^3)	
		Underground Service and SWM Pond	Retaining Wall
Category 1 (Green)	Soil meets 2011 MECP Table 1 Standards, with the exceptions of exceedances of EC and/or SAR.	4,610	866
Category 2 (Purple)	Soil exceeds 2011 MECP Table 1 Standards but meets Table 2.1 RPI Standards, with the exceptions of exceedances of EC and SAR.	390	334
Category 3 (Orange)	Soil exceeds Table 2.1 RPI Standards but meets Table 3.1 ICC Standards, with the exceptions of exceedances of EC and SAR.	-	-
Category 4 (Red)	Soil exceeds Table 3.1 and 3 ICC Standards.	-	-

Soil classified as Category 1 (green), Category 2 (purple), or Category 3 (orange) is suitable to be reused on-site. These soil categories meet the excess soil quality standards under O.Reg. 406/19 and will not be characterized as waste. Soil classified as Category 4 (red) exceeds Table 3.1 and 3 ICC standards and are considered as impacted. Soil within Category 4 can remain on-site and be used for backfilled purposes, should this soil require off-site removal, the material must be disposed of at a licensed landfill or dump.

Based on the sampling and chemical testing frequencies completed as part of the in-situ soil characterization at the Project Area, the **estimated excess soil volume of 5,000 m^3** from the underground services and SWM Pond and **1,200 m^3** from the retaining wall may be exported from the Project Area. All reasonable efforts should be made to reuse soils on-site that are generated during the upcoming construction activities at the Project Area. Soil movement from the Project Area should be conducted in accordance with the requirements of O.Reg. 406/19 and the Soil Rules Document.

8.19 Soil Quality Exemptions

In accordance with O. Reg. 406/19, excess soil must meet applicable soil quality standards to be deposited on reuse properties unless an exemption for specific parameters applies at the reuse site. For example, salt (EC/SAR) impacted soils may be imported to a reuse site if the following criteria are met:

- Where it is reasonable to expect that the soil will be affected by the same chemicals as a result of the continued application of a substance for the safety of vehicular or pedestrian traffic under conditions of snow or ice;
- At an industrial or commercial property use and to which non-potable standards would be applicable; or
- At least 1.5 m below the surface of the soil.

Salt-impacted soils **cannot be reused** at the receiving site in any of the following circumstances:

- Within 30 meters of a waterbody; or
- Within 100 meters of a potable well / an area intended for future potable well or
- Where crops / pasture activities are occurring / planned (unless the soil is placed 1.5 m or greater below the soil surface).

9 Qualified Person Statement

The QP is of the opinion that the Project Leader (and their designated representatives) have provided all the necessary information access to the project area and authorized the QP to make any inquiries of the Project Leader and operator's employees and agents for the purpose of assisting in overseeing the preparation of the SCR. The QP has overseen the preparation of the SCR and is of the opinion that the SCR is complete and accurate and meets the requirements of O.Reg. 406/19 regulation and the Soil Rules Document to the best of the QP's knowledge.

10 References

- Ontario Ministry of the Environment, Conservation and Parks (MECP). "***Rules for Soil Management and Excess Soil Quality Standards***", adopted by reference of O. Reg. 406/19 made under the *Environmental Protection Act,* R.S.O. 1990, c. E.19, dated December 8, 2020.

11 Closure

Should you have any questions or require additional information, please, do not hesitate to contact this office.

Yours truly,

Prakash Patel, C.E.T.
Project Manager

Muhammad Shahid P.Geo, QP_{ESA} (ON)
Team Lead, Environmental Engineering Group-GTA

Etobicoke Office

12 Statement of Limitation

This report (hereinafter, the "Report") was prepared by **Englobe Corporation** (**Englobe**) (hereinafter the "Company") and is provided for the sole and exclusive use and benefit of **Oak Valley Health** (the "Client"). Ownership in and copyright for the contents of the Report belong to the Company.

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This Report should be considered in its entirety; selecting specific portions of the Report may result in the misinterpretation of the content.

The work performed by the Company was carried out in accordance with the terms and conditions specified in the Professional Services Agreement between the Company and the Client, in accordance with currently accepted engineering standards and practices and in a manner consistent with the level of skill, care and competence ordinarily exercised by members of the same profession currently practicing under similar conditions and like circumstances in the same jurisdiction in which the services were provided. Standards, guidelines and practices may change over time; those which were applied to produce this Report may be obsolete or unacceptable at a later date.

The findings, recommendations, suggestions, or opinions expressed in this Report reflect the Company's best professional judgment based on observations and/or information reasonably available at the time the work was performed, as appropriate for the scope, work schedule and budgetary constraints established by the Client. No other warranty or representation, expressed or implied, is included in this Report including, but not limited to, that the Report deals with all issues potentially applicable to the site and/or that the Report deals with any and all of the important features of the site, except as expressly provided in the scope of work.

This Report has been prepared for the specific site, development, building, design or building assessment objectives and/or purposes that were described to the Company by the Client. The applicability and reliability of the content of this Report, subject to the limitations provided herein, are only valid to the extent that there has been no material alteration or variation thereto, and the Company expressly disclaims any obligation to update the Report. However, the Company reserves the right to amend or supplement this Report based on additional information, documentation or evidence made available to it.

The Company makes no representation concerning the legal significance of its findings, nor as to the present or future value of the property, or its fitness for a particular purpose and hereby disclaims any responsibility or liability for consequential financial effects on transactions or property values, or requirements for follow-up actions and costs.

Since the passage of time, natural occurrences, and direct or indirect human intervention may affect the views, conclusions and recommendations (if any) provided in this Report, it is intended for immediate use.

This Statement of Limitations forms an integral part of the Report.

In preparing this Report, the Company has relied in good faith on information provided by others and has assumed that such information is factual, accurate and complete. The Company accepts no responsibility or liability for any deficiency, misstatement or inaccuracy in this Report resulting from the information provided, concealed or not fully disclosed by those individuals.

The conclusions presented herein are based on information gathered from a limited historical review of readily available geological, historical and regulatory information and a field inspection program. Sampling and analysis of soil, ground water or any other material was not carried out as part of this assessment. Consequently, the presence and/or extent of any adverse environmental impact cannot be verified. The potential for environmental liability and/or environmental impact is an opinion that has been arrived at within the scope of this assessment.

It is recommended practice that the Company be retained during subsequent phases of the project, to confirm that the conditions throughout the site do not deviate materially from those encountered throughout the sampling program.

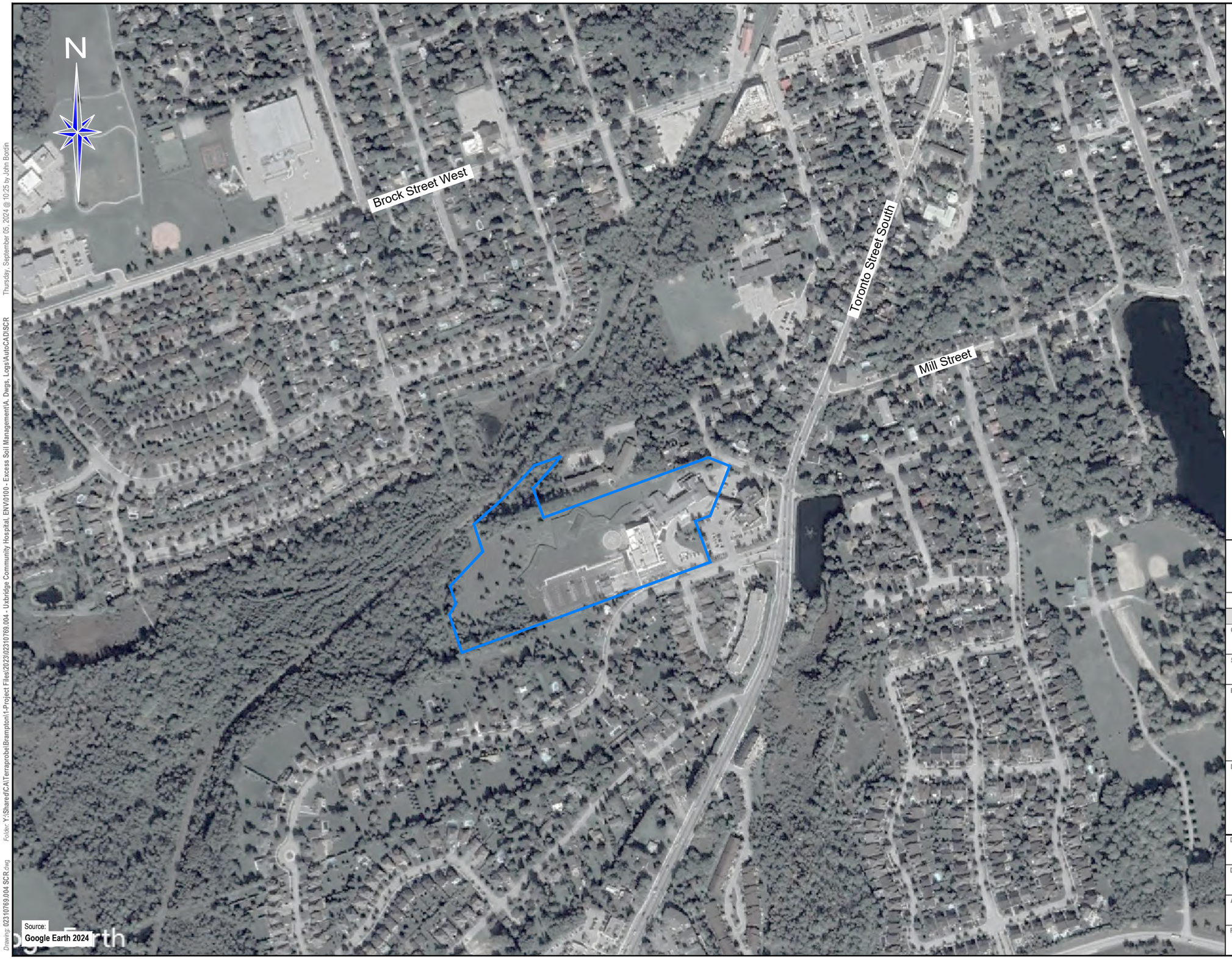
Any description of the site and its physical setting documented in this Report is presented for informational purposes only, to provide the reader a better understanding of the site and scope of work. Any topographic benchmarks and elevations are primarily to establish relative elevation differences between sampling locations and should not be used for other purposes such as grading, excavation, planning, development, or similar purposes.

The comments made in this report on potential remediation and/construction issues and possible methods are intended only for the guidance of the owner and design engineer. The scope of work may not be sufficient to determine all the factors that may affect methods, costs, equipment and scheduling. Any contractors or others bidding on, or undertaking contractual work to be performed as part of the project who may come into possession of or learn of this Report or its content are to rely on their own interpretations of the data contained in this Report, in addition to their own investigations and conclusions as to how their work may be affected.

This Report is based on the assumption that the design features relevant to our work will be in accordance with applicable codes, standards and guidelines of practice and constructed substantially in accordance with the Report. If there are any changes to the site development features, or there is any additional information that was not otherwise available at the time the work was performed, the Company should be retained to review the implications thereof to the contents of this Report. The design recommendations expressed in this Report are applicable only to the project described therein.

Figures

ENGLOBE



Note

1. This drawing shall be read in conjunction with the associated technical report.
2. Drawing scale may be distorted. Measurements/locations taken from the drawing must be verified in the field.

Legend

Site Boundary

1:5 000

0 50 100 150 200 250 m

Revision	Date	Issue	Approval
A		Final	M.S

Client: **Oak Valley Health**

Site: **Uxbridge Community Hospital**

Report Title: **Soil Characterization Report**

Drawing Title: **Site Location Plan**

Designed By: P.P	Scale: As Shown
Drawn By: J.B	Date: September 2024
Approved By: M.S	Project No.: 02310769.004
Figure No.: 1	

20 Carlson Court, Etobicoke, Ontario | M9W 7K6 | Tel: (905) 796-2650 | Website: www.englobecorp.com

Drawing: 02310769.004 SCR.dwg Folder: Y:\Shared\CAD\Terraprobe\Brampton\1-Project Files\2023\02310769.004 - Uxbridge Community Hospital, ENV\0100 - Excess Soil Management\A. Dwgs, Logs\AutoCAD\SCR Thursday, September 05, 2024 @ 10:25 by John Bordin

ENGLOBE

Note

1. This drawing shall be read in conjunction with the associated technical report.
2. Drawing scale may be distorted. Measurements/locations taken from the drawing must be verified in the field.

Legend

- Site Boundary
- Site Area (250m Radius)
- Residential Property Use
- Community Property Use (Roads)
- Institutional Property Use
- Park Property Use
- Rail Corridor Use
- APEC 1 - On-Site - PCA#30
- APEC 2 - On-Site - #NA1

1:4 000

0 40 80 120 160 200 m

A		Final	M.S
Revision	Date	Issue	Approval

Client: Oak Valley Health

Site: Uxbridge Community Hospital

Report Title: **Soil Characterization Report**

Drawing Title: **Adjacent Property Uses, PCAs & APECs**

Designed By	Scale
P.P	As Shown
Drawn By	**Date**
J.B	September 2024
Approved By	**Project No.**
M.S	02310769.004

Figure No. **2**

Drawing: 02310769.004 SCR.dwg Folder: Y:\Shared\CAT\erroprobe\Brampton\1-Project Files\2023\02310769.004 - Uxbridge Community Hospital, ENV0100 - Excess Soil Management\A. Dwgs, Logs\AutoCAD\SCR Thursday, September 05, 2024 @ 10:25 by John Bordin

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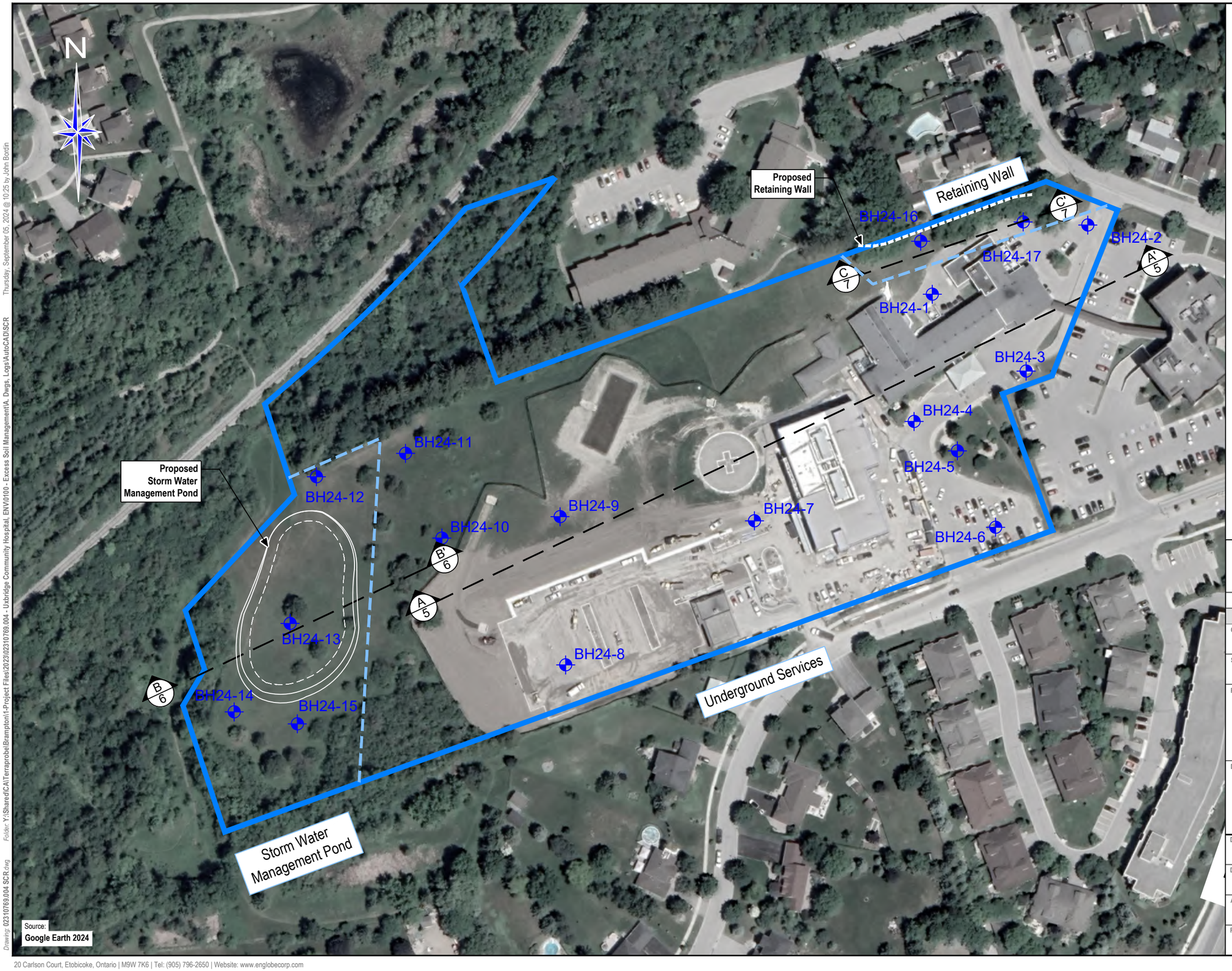

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Note

1. This drawing shall be read in conjunction with the associated technical report.
2. Drawing scale may be distorted. Measurements/locations taken from the drawing must be verified in the field.

Legend

- Site Boundary
- Borehole Locations
- Cross Section Reference
- Cross Section Figure

1:1 500

0 25 50 75 m

Revision	Date	Issue	Approval
A		Final	M.S

Client: Oak Valley Health

Site: Uxbridge Community Hospital

Report Title: **Soil Characterization Report**

Drawing Title: **Borehole and Cross Section Location Plan**

Designed By: P.P	Scale: As Shown
Drawn By: J.B	Date: September 2024
Approved By: M.S	Project No.: 02310769.004
Figure No.: **3**	

Note

1. This drawing shall be read in conjunction with the associated technical report.
2. Drawing scale may be distorted. Measurements/locations taken from the drawing must be verified in the field.

Legend

- Site Boundary
- Borehole Locations

Soil Classification	Soil Quality
Category 1 (Green)	Soil Meets 2011 MECP Table 1 Standards with the exception of exceedances of EC &/or SAR.
Category 2 (Purple)	Soil Exceeds 2011 MECP Table 1 Standards but meets Table 2.1 RPI Standards, with the exception of exceedances of EC &/or SAR.
Category 3 (Orange)	Soil Exceeds MECP Table 2.1 RPI Standards but meets MECP Table 3.1 ICC Standards, with the exception of exceedances of EC &/or SAR.
Category 4 (Red)	Soil Exceeds MECP Table 3.1 & Table 3 ICC.

1:1 500

0 25 50 75 m

A		Final	M.S
Revision	Date	Issue	Approval

Client: **Oak Valley Health**

Site: **Uxbridge Community Hospital**

Report Title: **Soil Characterization Report**

Drawing Title: **Plan View of Soil Quality**

Designed By	Scale
P.P	As Shown
Drawn By	**Date**
J.B	September 2024
Approved By	**Project No.**
M.S	02310769.004

Figure No. **4**

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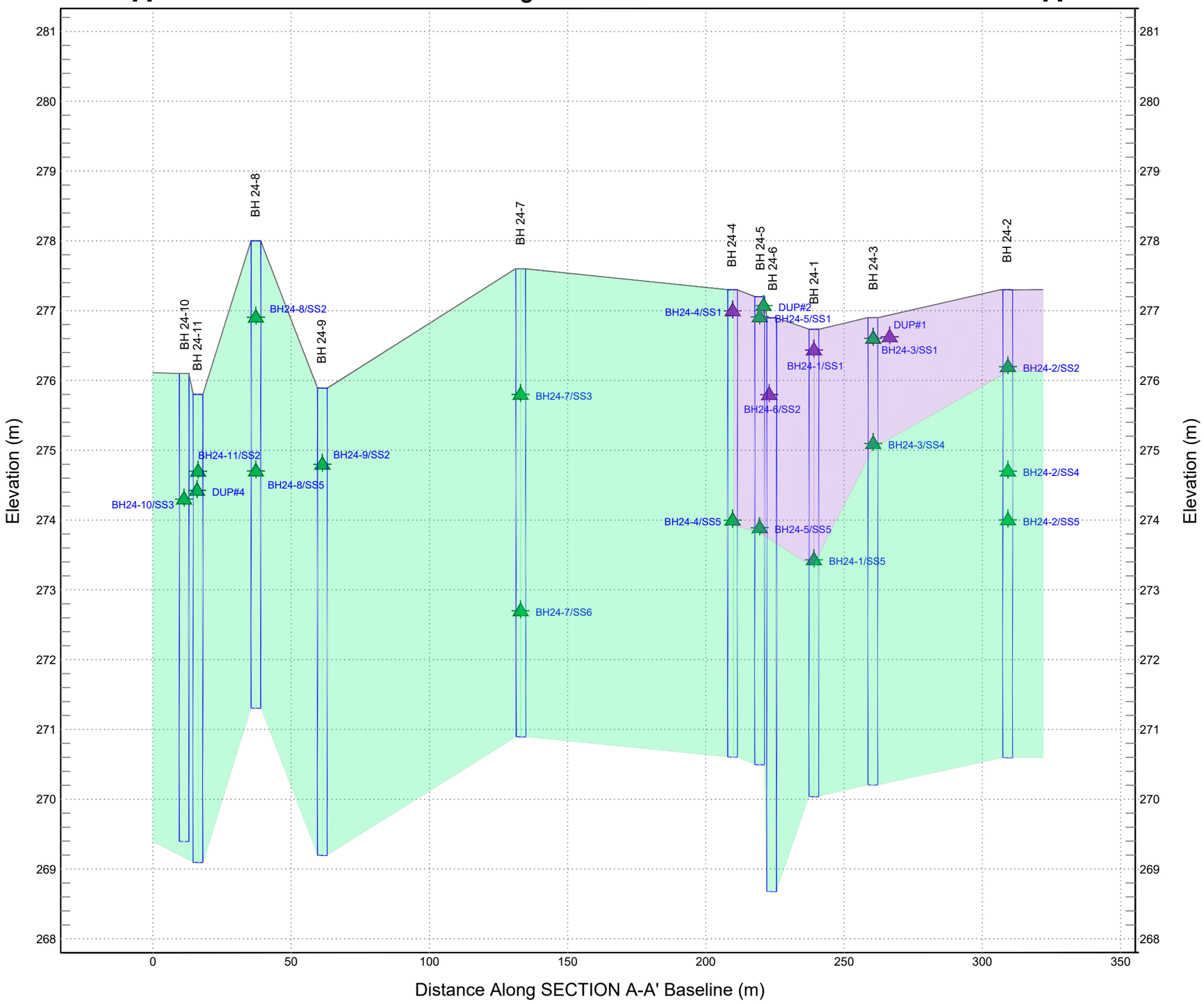
Drawing: 02310769.004 SCR.dwg Folder: Y:\Shared\CA\Terraprobe\Brampton\1-Project Files\2023\02310769.004 - Uxbridge Community Hospital, ENV\0100 - Excess Soil Management\A. Dwgs, Logs\AutoCAD\SCR Thursday, September 05, 2024 @ 10:25 by John Bordin

Underground Services



Note

1. This drawing shall be read in conjunction with the associated technical report.
2. Drawing scale may be distorted. Measurements/locations taken from the drawing must be verified in the field.

Legend

Sample Location

Soil Classification	Soil Quality
Category 1 (Green)	Soil Meets 2011 MECP Table 1 Standards with the exception of exceedances of EC &/or SAR.
Category 2 (Purple)	Soil Exceeds 2011 MECP Table 1 Standards but meets Table 2.1 RPI Standards, with the exception of exceedances of EC &/or SAR.
Category 3 (Orange)	Soil Exceeds MECP Table 2.1 RPI Standards but meets MECP Table 3.1 ICC Standards, with the exception of exceedances of EC &/or SAR.
Category 4 (Red)	Soil Exceeds MECP Table 3.1 & Table 3 ICC.

Horizontal: 0 10 20 30 40 50 60m

Vertical: 0 0.5 1 1.5 2 2.5m

A		Final	M.S
Revision	Date	Issue	Approval

Client: **Oak Valley Health**

Site: **Uxbridge Community Hospital**

Report Title: **Soil Characterization Report**

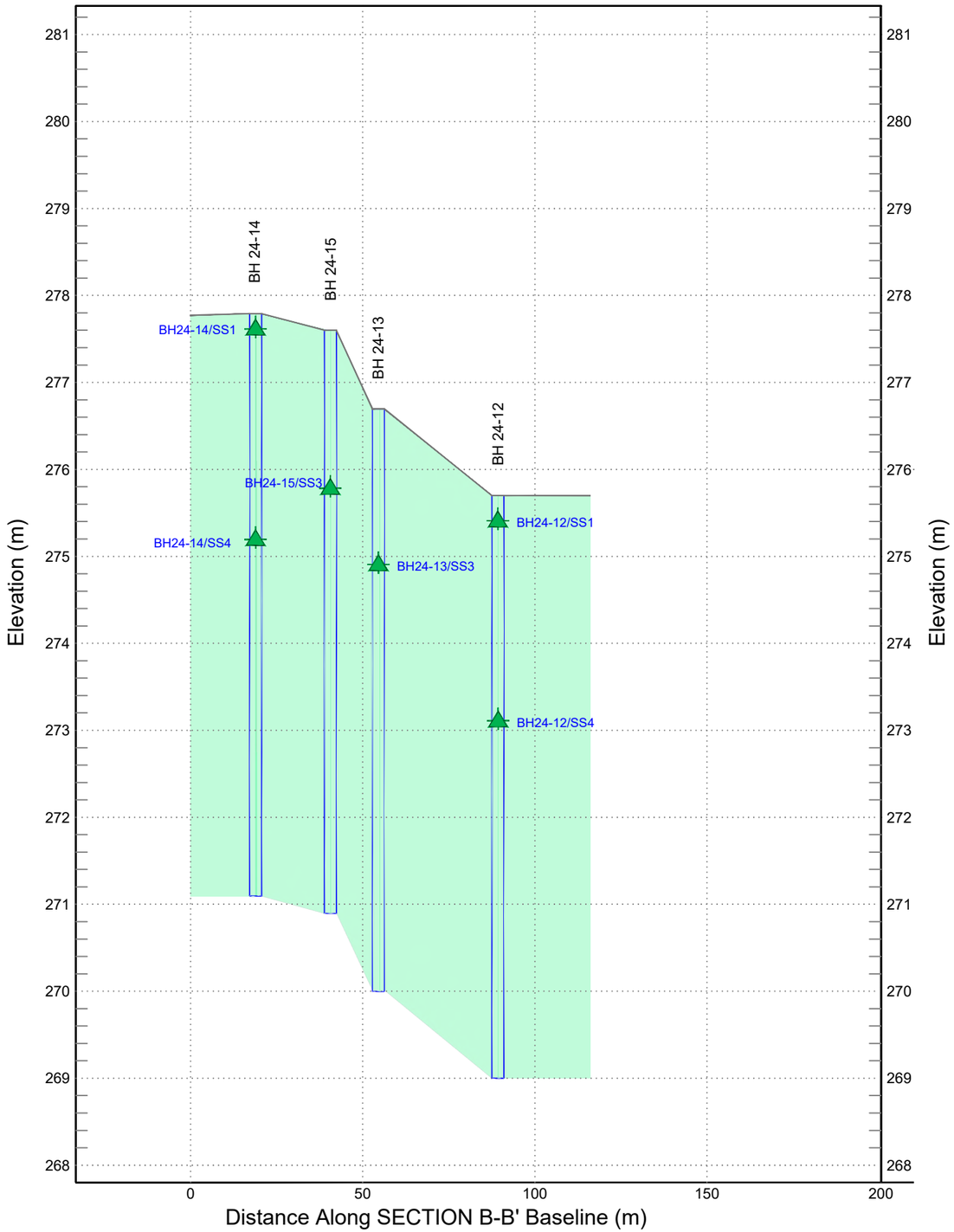
Drawing Title: **Profile View - Section A-A' Underground Service**

Designed By	Scale
P.P	As Shown
Drawn By	**Date**
J.B	September 2024
Approved By	**Project No.**
M.S	02310769.004

Figure No. **5**

20 Carlson Court, Etobicoke, Ontario | M9W 7K6 | Tel: (905) 796-2650 | Website: www.englobecorp.com

B Storm Water Management Pond B'



Note

1. This drawing shall be read in conjunction with the associated technical report.
2. Drawing scale may be distorted. Measurements/locations taken from the drawing must be verified in the field.

Legend

Sample Location

Soil Classification	Soil Quality
Category 1 (Green)	Soil Meets 2011 MECP Table 1 Standards with the exception of exceedances of EC &/or SAR.
Category 2 (Purple)	Soil Exceeds 2011 MECP Table 1 Standards but meets Table 2.1 RPI Standards, with the exception of exceedances of EC &/or SAR.
Category 3 (Orange)	Soil Exceeds MECP Table 2.1 RPI Standards but meets MECP Table 3.1 ICC Standards, with the exception of exceedances of EC &/or SAR.
Category 4 (Red)	Soil Exceeds MECP Table 3.1 & Table 3 ICC.

Horizontal 0 10 20 30 40 50 60m

Vertical 0 0.5 1 1.5 2 2.5m

Revision	Date	Issue	Approval
A		Final	M.S

Client: **Oak Valley Health**

Site: **Uxbridge Community Hospital**

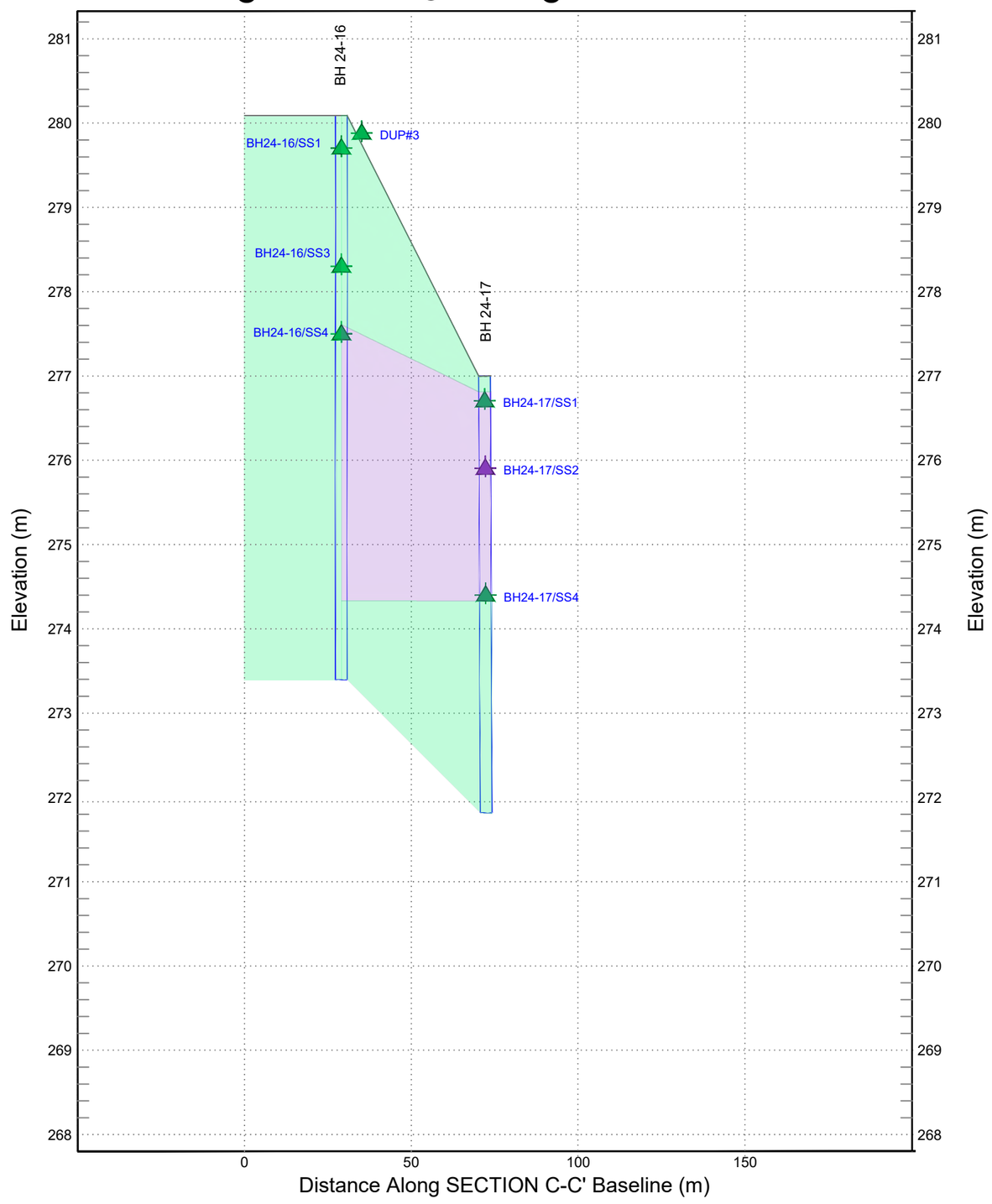
Report Title: **Soil Characterization Report**

Drawing Title: **Profile View - Section B-B'**
Storm Water Management Pond

Designed By: P.P	Scale: As Shown
Drawn By: J.B	Date: September 2024
Approved By: M.S	Project No.: 02310769.004

Figure No.: **6**

20 Carlson Court, Etobicoke, Ontario | M9W 7K6 | Tel: (905) 796-2650 | Website: www.englobecorp.com



ENGLOBE

Note

1. This drawing shall be read in conjunction with the associated technical report.
2. Drawing scale may be distorted. Measurements/locations taken from the drawing must be verified in the field.

Legend

Sample Location

Soil Classification	Soil Quality
Category 1 (Green)	Soil Meets 2011 MECP Table 1 Standards with the exception of exceedances of EC &/or SAR.
Category 2 (Purple)	Soil Exceeds 2011 MECP Table 1 Standards but meets Table 2.1 RPI Standards, with the exception of exceedances of EC &/or SAR.
Category 3 (Orange)	Soil Exceeds MECP Table 2.1 RPI Standards but meets MECP Table 3.1 ICC Standards, with the exception of exceedances of EC &/or SAR.
Category 4 (Red)	Soil Exceeds MECP Table 3.1 & Table 3 ICC.

Horizontal 0 10 20 30 40 50 60m

Vertical 0 0.5 1 1.5 2 2.5m

A		Final	M.S
Revision	Date	Issue	Approval

Client: **Oak Valley Health**

Site: **Uxbridge Community Hospital**

Report Title: **Soil Characterization Report**

Drawing Title: **Profile View - Section C-C'**
Retaining Wall

Designed By	Scale
P.P	As Shown
Drawn By	Date
J.B	September 2024
Approved By	Project No.
M.S	02310769.004

Figure No. **7**

20 Carlson Court, Etobicoke, Ontario | M9W 7K6 | Tel: (905) 796-2650 | Website: www.englobecorp.com

Appendix A Borehole Logs

ENGLOBE

LOG OF BOREHOLE 24-1

Project No.	: 02310769.002	Client	: Oak Valley Health	Originated by	: BR
Date started	: June 18, 2024	Project	: Uxbridge Community Hospital	Compiled by	: AS
Sheet No.	: 1 of 1	Location	: Uxbridge, ON	Checked by	: AS

Position : E: 649866, N: 4885021 (UTM 17T) Elevation Datum : Geodetic

Rig type : Track-mounted Drilling Method : Solid stem augers

Depth Scale (m)	Elev Depth (m)	Description	Graphic Log	Number	Type	SPT 'N' Value	Elevation Scale (m)	Penetration Test Values (Blows / 0.3m) / Undrained Shear Strength (kPa)	Moisture / Plasticity	Headspace Vapour (ppm)	Instrument Details	Unstabilized Water Level	Lab Data and Comments
0	**276.6**	**GROUND SURFACE**					276						
		100mm **ASPHALTIC CONCRETE**											
	276.2	250mm **AGGREGATE**		1	SS	18				PID: 0			SS1 Analysis: M&I, BTEX, PAH, PCB, VOC, PHC
	0.4	**FILL**, sandy silt, trace to some gravel, trace clay, trace organics, compact, dark brown, moist								FID: 0			
	275.8												
1	0.8	**SILT**, trace to some clay, trace to some sand, compact to very dense, brown, moist		2	SS	35				PID: 0 FID: 1			
							275						
				3	SS	16				PID: 0 FID: 1			0 16 68 16
2													
		...brownish grey below		4	SS	61	274			PID: 0 FID: 3			
3													
				5	SS	44				PID: 15 FID: 1			SS5 Analysis: M&I, BTEX, PAH, PCB, VOC, PHC
							273						
4													
		...dilatent and wet below					272						wet sampler
				6	SS	48				PID: 15 FID: 1			
5													
							271						
6													
				7	SS	32				PID: 0 FID: 1			
	269.9						270						
	6.7	**END OF BOREHOLE**											

Penetration Test Values (Blows / 0.3m): Dynamic Cone; 10 20 30 40

Undrained Shear Strength (kPa): Unconfined, Pocket Penetrometer, Field Vane, Lab Vane; 40 80 120 160

Moisture / Plasticity: Plastic Limit, Natural Water Content, Liquid Limit; PL MC LL; 10 20 30

Unstabilized water level measured at 4.9 m below ground surface; borehole was open upon completion of drilling.

50 mm dia. monitoring well installed.

file: 02310769.000 bh logs.gpj

LOG OF BOREHOLE 24-2

Project No.	: 02310769.002	Client	: Oak Valley Health	Originated by	: BR
Date started	: June 17, 2024	Project	: Uxbridge Community Hospital	Compiled by	: AS
Sheet No.	: 1 of 1	Location	: Uxbridge, ON	Checked by	: AS

Position : E: 649931, N: 4885050 (UTM 17T) Elevation Datum : Geodetic

Rig type : Track-mounted Drilling Method : Solid stem augers

Depth Scale (m)	Elev Depth (m)	Description	Graphic Log	Number	Type	SPT 'N' Value	Elevation Scale (m)	Penetration Test Values (Blows / 0.3m) / Undrained Shear Strength (kPa)	Moisture / Plasticity (PL, MC, LL)	Headspace Vapour (ppm)	Instrument Details	Lab Data and Comments
0	277.3	**GROUND SURFACE**					277					
		90mm **ASPHALTIC CONCRETE**										
	276.9	250mm **AGGREGATE**		1	SS	13				PID: 0 FID: 0		
	0.4	**FILL**, sand, trace to some silt, trace gravel, trace organics, loose to compact, dark brown, moist										
1				2	SS	5	276			PID: 0 FID: 0		SS2 Analysis: M&I, BTEX, PAH, PCB, VOC, PHC
	275.8											
	1.5	**SILT**, trace to some clay, trace to some sand, dilatent, loose to compact, brown, wet		3	SS	9				PID: 0 FID: 0		wet sampler
2							275					
				4	SS	18				PID: 0 FID: 0		SS4 Analysis: M&I, PAH, PCB, VOC
3				5	SS	16				PID: 0 FID: 0		SS5 Analysis: BTEX, VOC, PHC
4							274					
5				6	SS	26	273			PID: 0 FID: 0		
6		...dense					272					
				7	SS	50						
	270.6						271			PID: 0 FID: 0		
	6.7	**END OF BOREHOLE**										

Penetration Test Values (Blows / 0.3m): Dynamic Cone; Undrained Shear Strength (kPa): Unconfined, Pocket Penetrometer, Field Vane, Lab Vane

Moisture / Plasticity: Plastic Limit, Natural Water Content, Liquid Limit

Unstabilized Water Level

GRAIN SIZE DISTRIBUTION (%) (MIT) GR SA SI CL

Unstabilized water level measured at 5.8 m below ground surface; borehole was open upon completion of drilling.

50 mm dia. monitoring well installed.

file: 02310769.000 bh logs.gpj

LOG OF BOREHOLE 24-3

Project No.	: 02310769.002	Client	: Oak Valley Health	Originated by	: BR
Date started	: June 17, 2024	Project	: Uxbridge Community Hospital	Compiled by	: AS
Sheet No.	: 1 of 1	Location	: Uxbridge, ON	Checked by	: AS

Position : E: 649905, N: 4884989 (UTM 17T) Elevation Datum : Geodetic

Rig type : Track-mounted Drilling Method : Solid stem augers

Depth Scale (m)	Elev Depth (m)	Description	Graphic Log	Number	Type	SPT 'N' Value	Elevation Scale (m)	Penetration Test Values (Blows / 0.3m) / Undrained Shear Strength (kPa)	Moisture / Plasticity	Headspace Vapour (ppm)	Instrument Details	Unstabilized Water Level	Lab Data and Comments
0	**276.9**	**GROUND SURFACE**											
		80mm **ASPHALTIC CONCRETE**											
		FILL, silty sand, trace gravel, trace organics, compact, dark brown, moist		1	SS	12				PID: 0 FID: 0			SS1 Analysis: M&I, BTEX, PAH, PCB, VOC, PHC, DUP#1
	276.1												
	0.8	**SILT**, trace to some clay, trace to some sand, compact, brown, moist		2	SS	12	276			PID: 0 FID: 0			
1				3	SS	15	275			PID: 0 FID: 0			
2				4	SS	26	274			PID: 0 FID: 0			wet sampler
3				5	SS	22				PID: 0 FID: 0			SS4 Analysis: M&I, BTEX, PAH, PCB, VOC, PHC
4							273						
		...brownish grey below		6	SS	26	272			PID: 0 FID: 0		▽	
5													
							271						
6				7	SS	16				PID: 0 FID: 0			
	270.2												
	6.7	**END OF BOREHOLE**											

Penetration Test Values (Blows / 0.3m): Dynamic Cone; 10 20 30 40

Undrained Shear Strength (kPa): Unconfined, Pocket Penetrometer, Field Vane, Lab Vane; 40 80 120 160

Moisture / Plasticity: Plastic Limit, Natural Water Content, Liquid Limit; PL MC LL; 10 20 30

Lab Data and Comments: GRAIN SIZE DISTRIBUTION (%) (MIT) GR SA SI CL

Unstabilized Water Level ▽

Unstabilized water level measured at 5.3 m below ground surface; borehole caved to 5.2 m below ground surface upon completion of drilling.

50 mm dia. monitoring well installed.

file: 02310769.000 bh logs.gpj

LOG OF BOREHOLE 24-4

Project No.	: 02310769.002	Client	: Oak Valley Health	Originated by	: BR
Date started	: June 17, 2024	Project	: Uxbridge Community Hospital	Compiled by	: AS
Sheet No.	: 1 of 1	Location	: Uxbridge, ON	Checked by	: AS

Position : E: 649860, N: 4884968 (UTM 17T) Elevation Datum : Geodetic

Rig type : Track-mounted Drilling Method : Solid stem augers

Depth Scale (m)	Elev Depth (m)	Description	Graphic Log	Sample Number	Sample Type	SPT 'N' Value	Elevation Scale (m)	Penetration Test Values (Blows / 0.3m) / Undrained Shear Strength (kPa)	Moisture / Plasticity	Headspace Vapour (ppm)	Instrument Details	Unstabilized Water Level	Lab Data and Comments
0	277.3	**GROUND SURFACE**					277	Dynamic Cone 10 20 30 40; Unconfined / Pocket Penetrometer / Field Vane / Lab Vane 40 80 120 160	Plastic Limit / Natural Water Content / Liquid Limit PL MC LL 10 20 30	PID: 0 FID: 0			
	276.9	120mm **ASPHALTIC CONCRETE**											
	0.4	240mm **AGGREGATE**		1	SS	13							
	276.5	**FILL**, silty sand, trace clay, trace gravel, trace organics, compact, dark brown, moist											SS1 Analysis: M&I, BTEX, PAH, PCB, VOC, PHC
1	0.8	**SILT**, trace to some clay, trace to some sand, compact, brown, moist		2	SS	17	276			PID: 0 FID: 0			
2				3	SS	19				PID: 0 FID: 0			
				4	SS	29	275			PID: 0 FID: 0			
3		...brownish grey below		5	SS	23	274			PID: 0 FID: 0			SS5 Analysis: M&I, BTEX, PAH, PCB, VOC, PHC
4							273						
5				6	SS	18				PID: 0 FID: 0			wet sampler ▽
							272						
6				7	SS	25	271			PID: 0 FID: 0			
	270.6												
	6.7	**END OF BOREHOLE**											

Unstabilized water level measured at 5.4 m below ground surface; borehole was open upon completion of drilling.

50 mm dia. monitoring well installed.

GRAIN SIZE DISTRIBUTION (%) (MIT) GR SA SI CL

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LOG OF BOREHOLE 24-5

Project No.	: 02310769.002	Client	: Oak Valley Health	Originated by	: BR
Date started	: June 18, 2024	Project	: Uxbridge Community Hospital	Compiled by	: AS
Sheet No.	: 1 of 1	Location	: Uxbridge, ON	Checked by	: AS

Position : E: 649879, N: 4884957 (UTM 17T) Elevation Datum : Geodetic

Rig type : Track-mounted Drilling Method : Solid stem augers

Depth Scale (m)	Elev Depth (m)	Description	Graphic Log	Number	Type	SPT 'N' Value	Elevation Scale (m)	Penetration Test Values (Blows / 0.3m) / Undrained Shear Strength (kPa)	Moisture / Plasticity	Headspace Vapour (ppm)	Instrument Details	Lab Data and Comments
0	277.2	**GROUND SURFACE**					277					
		50mm **ASPHALTIC CONCRETE**										
		FILL, silty sand, trace clay, trace to some gravel, trace organics, loose to compact, dark brown, moist		1	SS	5				PID: 150 FID: 1		SS1 Analysis: M&I, BTEX, PAH, PCB, VOC, PHC, DUP#2
1				2	SS	15	276			PID: 25 FID: 1		
				3	SS	16				PID: 30 FID: 1		
2		...wet					275					wet sampler
	274.6			4	SS	13				PID: 0 FID: 1		
	2.6	**SILT**, trace to some clay, trace to some sand, compact, brown, moist										
3				5	SS	20	274			PID: 10 FID: 0		SS5 Analysis: M&I, BTEX, PAH, PCB, VOC, PHC
4							273					▽
		...brownish grey below		6	SS	22				PID: 10 FID: 1		
5							272					
6				7	SS	17	271			PID: 0 FID: 1		
	270.5											
	6.7	**END OF BOREHOLE**										

Penetration Test Values (Blows / 0.3m): × Dynamic Cone; 10 20 30 40

Undrained Shear Strength (kPa): ○ Unconfined ● Pocket Penetrometer + Field Vane ■ Lab Vane; 40 80 120 160

Moisture / Plasticity: Plastic Limit (PL) Natural Water Content (MC) Liquid Limit (LL); 10 20 30

Unstabilized Water Level

Lab Data and Comments: GRAIN SIZE DISTRIBUTION (%) (MIT) GR SA SI CL

Unstabilized water level measured at 4.6 m below ground surface; borehole caved to 5.5 m below ground surface upon completion of drilling.

50 mm dia. monitoring well installed.

file: 02310769.000 bh logs.gpj

LOG OF BOREHOLE 24-6

Project No.	: 02310769.002	Client	: Oak Valley Health	Originated by	: BR
Date started	: June 18, 2024	Project	: Uxbridge Community Hospital	Compiled by	: AS
Sheet No.	: 1 of 1	Location	: Uxbridge, ON	Checked by	: AS

Position : E: 649893, N: 4884924 (UTM 17T) Elevation Datum : Geodetic

Rig type : Track-mounted Drilling Method : Solid stem augers

Depth Scale (m)	Elev Depth (m)	Description	Graphic Log	Sample Number	Sample Type	SPT 'N' Value
0	276.9	**GROUND SURFACE**				
	276.7	150mm **ASPHALTIC CONCRETE**				
	0.2					
	276.7	40mm **AGGREGATE**		1	SS	6
	0.2					
	276.4	250mm **TOPSOIL**				
	0.5	**FILL**, sandy silt, trace clay, trace gravel, trace organics, loose, dark brown, moist				
	276.1					
	0.8					
1		**SANDY SILT**, trace clay, compact, brown, moist		2	SS	16
	275.4					
	1.5					
		SILT, trace to some clay, trace to some sand, compact, brown, moist		3	SS	17
2						
				4	SS	20
3		...brownish grey below		5	SS	14
4						
				6	SS	21
5						
6		...very loose		7	SS	1
7						
		...compact		8	SS	15
8	268.7					
	8.2					

END OF BOREHOLE

Unstabilized water level measured at 3.0 m below ground surface; borehole caved to 6.7 m below ground surface upon completion of drilling.

50 mm dia. monitoring well installed.

Elevation Scale (m): 276, 275, 274, 273, 272, 271, 270, 269

Penetration Test Values (Blows / 0.3m): Dynamic Cone; 10 20 30 40

Undrained Shear Strength (kPa): Unconfined, Pocket Penetrometer, Field Vane, Lab Vane; 40 80 120 160

Moisture / Plasticity: Plastic Limit, Natural Water Content, Liquid Limit; PL MC LL; 10 20 30

Headspace Vapour (ppm): PID: 30 FID: 0; PID: 90 FID: 0; PID: 45 FID: 0; PID: 40 FID: 0; PID: 40 FID: 0; PID: 25 FID: 0; PID: 0 FID: 0; PID: 0 FID: 0

Instrument Details

Unstabilized Water Level

Lab Data and Comments

SS2 Analysis: M&I, BTEX, PAH, PCB, VOC, PHC

GRAIN SIZE DISTRIBUTION (%) (MIT)

GR SA SI CL

0 15 70 15

file: 02310769.000 bh logs.gpj

LOG OF BOREHOLE 24-7

Project No.	: 02310769.002	Client	: Oak Valley Health	Originated by	: BR
Date started	: June 18, 2024	Project	: Uxbridge Community Hospital	Compiled by	: AS
Sheet No.	: 1 of 1	Location	: Uxbridge, ON	Checked by	: AS

Position : E: 649715, N: 4884866 (UTM 17T) Elevation Datum : Geodetic

Rig type : Track-mounted Drilling Method : Solid stem augers

Depth Scale (m)	Elev Depth (m)	Description	Graphic Log	Number	Type	SPT 'N' Value	Elevation Scale (m)	Penetration Test Values (Blows / 0.3m) / Undrained Shear Strength (kPa)	Moisture / Plasticity	Headspace Vapour (ppm)	Instrument Details	Unstabilized Water Level	Lab Data and Comments
	277.6	**GROUND SURFACE**											
0		100mm **TOPSOIL**											
		FILL, silty sand, trace clay, trace gravel, trace organics, loose to compact, dark brown, moist		1	SS	13				PID: 30 FID: 0			
		...topsoil inclusion, black		2	SS	20	277			PID: 5 FID: 0			
1													
				3	SS	10	276			PID: 35 FID: 0			SS3 Analysis: M&I, BTEX, PAH, PCB, VOC, PHC
2	275.3												
	2.3	**SILT**, trace to some clay, trace to some sand, compact, brown, moist		4	SS	12	275			PID: 0 FID: 0			
3				5	SS	16				PID: 0 FID: 0			
							274						
4													
		...brownish grey below		6	SS	17	273			PID: 35 FID: 0			wet sampler SS6 Analysis: M&I, BTEX, PAH, PCB, VOC, PHC
5							272						
				7	SS	15	271			PID: 35 FID: 0			
6	270.9												
	6.7	**END OF BOREHOLE**											

Penetration Test Values (Blows / 0.3m): Dynamic Cone — 10, 20, 30, 40

Undrained Shear Strength (kPa): Unconfined, Pocket Penetrometer, Field Vane, Lab Vane — 40, 80, 120, 160

Moisture / Plasticity: Plastic Limit (PL), Natural Water Content (MC), Liquid Limit (LL) — 10, 20, 30

Lab Data and Comments: GRAIN SIZE DISTRIBUTION (%) (MIT) — GR SA SI CL

Borehole was dry and caved to 3.0 m below ground surface upon completion of drilling.

50 mm dia. monitoring well installed.

LOG OF BOREHOLE 24-8

Project No.	: 02310769.002	Client	: Oak Valley Health	Originated by	: BR
Date started	: June 19, 2024	Project	: Uxbridge Community Hospital	Compiled by	: AS
Sheet No.	: 1 of 1	Location	: Uxbridge, ON	Checked by	: AS

Position : E: 649793, N: 4884927 (UTM 17T) Elevation Datum : Geodetic

Rig type : Track-mounted Drilling Method : Solid stem augers

Depth Scale (m)	Elev Depth (m)	Description	Graphic Log	Sample Number	Sample Type	SPT 'N' Value	Elevation Scale (m)	Penetration Test Values (Blows / 0.3m) / Undrained Shear Strength (kPa)	Moisture / Plasticity (PL, MC, LL)	Headspace Vapour (ppm)	Instrument Details	Lab Data and Comments
0	**278.0**	**GROUND SURFACE**					278					
		105mm **ASPHALTIC CONCRETE**										
		310mm **AGGREGATE**		1	SS	24				PID: 0 FID: 0		
	277.5 0.5	**FILL**, silty sand, trace clay, trace gravel, trace organics, loose to compact, dark brown, moist		2	SS	5	277			PID: 75 FID: 0		SS2 Analysis: M&I, BTEX, PAH, PCB, VOC, PHC
1	276.5 1.5	**CLAYEY SILT**, trace sand, stiff, brown, moist		3	SS	10	276			PID: 30 FID: 0		0 7 67 26
2	275.7 2.3	**SILT**, trace to some clay, trace to some sand, compact, brown, moist		4	SS	15				PID: 35 FID: 0		wet sampler
		...brownish grey below		5	SS	12	275			PID: 30 FID: 0		SS5 Analysis: M&I, BTEX, PAH, PCB, VOC, PHC
3												
4		...loose		6	SS	9	274			PID: 20 FID: 0		
5							273					
6		...dense		7	SS	47	272			PID: 5 FID: 0		
	271.3 6.7	**END OF BOREHOLE**										

Unstabilized water level measured at 4.6 m below ground surface; borehole was open upon completion of drilling.

50 mm dia. monitoring well installed.

LOG OF BOREHOLE 24-9

Project No.	: 02310769.002	Client	: Oak Valley Health	Originated by	: BR
Date started	: June 19, 2024	Project	: Uxbridge Community Hospital	Compiled by	: AS
Sheet No.	: 1 of 1	Location	: Uxbridge, ON	Checked by	: AS

Position : E: 649712, N: 4884929 (UTM 17T) Elevation Datum : Geodetic

Rig type : Track-mounted Drilling Method : Solid stem augers

Depth Scale (m)	Elev Depth (m)	Description	Graphic Log	Number	Type	SPT 'N' Value	Elevation Scale (m)	Penetration Test Values (Blows / 0.3m) / Undrained Shear Strength (kPa)	Moisture / Plasticity	Headspace Vapour (ppm)	Instrument Details	Unstabilized Water Level	Lab Data and Comments
0	**275.9**	**GROUND SURFACE**						Dynamic Cone 10 20 30 40; Unconfined / Pocket Penetrometer / Field Vane / Lab Vane 40 80 120 160	Plastic Limit / Natural Water Content / Liquid Limit PL MC LL 10 20 30				GRAIN SIZE DISTRIBUTION (%) (MIT) GR SA SI CL
	275.7	230mm **TOPSOIL**											
	0.2			1	SS	6				PID: 0 FID: 0			
	275.1	**FILL**, silty sand, trace clay, trace gravel, trace organics, loose to compact, dark brown, moist											
1	0.8	**SILTY SAND**, trace clay, compact, brown, wet		2	SS	14	275			PID: 0 FID: 0			SS2 Analysis: M&I, BTEX, PAH, PCB, VOC, PHC
	274.1			3	SS	14	274			PID: 0 FID: 0		▽	
2	1.8	**SILT**, trace to some clay, trace to some sand, trace gravel, compact, brownish grey, moist		4	SS	24				PID: 0 FID: 0			
3				5	SS	20	273			PID: 0 FID: 0			
4							272						
5				6	SS	16	271			PID: 0 FID: 0			
6				7	SS	19	270			PID: 0 FID: 0			
	269.2												
	6.7	**END OF BOREHOLE**											

Unstabilized water level measured at 1.5 m below ground surface; borehole was open upon completion of drilling.

50 mm dia. monitoring well installed.

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LOG OF BOREHOLE 24-10

Project No.	: 02310769.002	Client	: Oak Valley Health	Originated by	: BR
Date started	: June 19, 2024	Project	: Uxbridge Community Hospital	Compiled by	: AS
Sheet No.	: 1 of 1	Location	: Uxbridge, ON	Checked by	: AS

Position : E: 649664, N: 4884920 (UTM 17T) Elevation Datum : Geodetic

Rig type : Track-mounted Drilling Method : Solid stem augers

Depth Scale (m)	Elev Depth (m)	Description	Graphic Log	Sample Number	Sample Type	SPT 'N' Value
0	276.1	**GROUND SURFACE**				
	275.8	300mm **TOPSOIL**				
	0.3	**SILTY SAND**, trace to some gravel, trace clay, compact to dense, brown, moist		1	SS	6
1				2	SS	34
2				3	SS	47
				4	SS	24
3		...brownish grey		5	SS	18
4	271.5					
	4.6	**SILT**, trace sand, trace gravel, trace clay, compact, brownish grey, wet		6	SS	20
5						
6	270.0					
	6.1	**SAND**, trace to some silt, trace clay, trace gravel, loose, brownish grey, wet		7	SS	5
	269.4					
	6.7	**END OF BOREHOLE**				

Elevation Scale (m): 276, 275, 274, 273, 272, 271, 270

Penetration Test Values (Blows / 0.3m): Dynamic Cone; 10 20 30 40

Undrained Shear Strength (kPa): Unconfined, Pocket Penetrometer, Field Vane, Lab Vane; 40 80 120 160

Moisture / Plasticity: Plastic Limit, Natural Water Content, Liquid Limit; PL MC LL; 10 20 30

Headspace Vapour (ppm): PID: 0 FID: 0; PID: 15 FID: 0; PID: 20 FID: 0; PID: 0 FID: 0; PID: 0 FID: 0; PID: 0 FID: 0; PID: 0 FID: 0

Instrument Details

Unstabilized Water Level

Lab Data and Comments

GRAIN SIZE DISTRIBUTION (%) (MIT) GR SA SI CL

SS3 Analysis: M&I, BTEX, PAH, PCB, VOC, PHC, DUP#4

Unstabilized water level measured at 1.5 m below ground surface; borehole caved to 3.0 m below ground surface upon completion of drilling.

50 mm dia. monitoring well installed.

file: 02310769.000 bh logs.gpj

LOG OF BOREHOLE 24-11

Project No.	: 02310769.002	Client	: Oak Valley Health	Originated by	: BR
Date started	: June 20, 2024	Project	: Uxbridge Community Hospital	Compiled by	: AS
Sheet No.	: 1 of 1	Location	: Uxbridge, ON	Checked by	: AS

Position : E: 649647, N: 4884956 (UTM 17T) Elevation Datum : Geodetic

Rig type : Track-mounted Drilling Method : Solid stem augers

Depth Scale (m)	Elev Depth (m)	Description	Graphic Log	Number	Type	SPT 'N' Value	Elevation Scale (m)	Penetration Test Values (Blows / 0.3m) / Undrained Shear Strength (kPa)	Moisture / Plasticity	Headspace Vapour (ppm)	Instrument Details	Lab Data and Comments
0	**275.8**	**GROUND SURFACE**										
	275.6	180mm **TOPSOIL**										
	0.2	**SILTY SAND**, trace gravel, loose, brown, moist		1	SS	3				PID: 55 FID: 0		
	275.0						275					
1	0.8	**SILTY SAND**, trace clay, trace gravel, compact, brown, wet		2	SS	12				PID: 90 FID: 0		SS2 Analysis: M&I, BTEX, PAH, PCB, VOC, PHC
		...some gravel		3	SS	25	274			PID: 0 FID: 0		
2		...silt lense inclusions		4	SS	18				PID: 0 FID: 0		
3	272.8						273					
	3.0	**SAND**, trace to some silt, trace clay, trace gravel, loose to compact, brownish grey, wet		5	SS	7				PID: 0 FID: 0		
4							272					
				6	SS	8	271			PID: 0 FID: 0		
5												
6				7	SS	11	270			PID: 0 FID: 0		
	269.1											
	6.7	**END OF BOREHOLE**										

Penetration Test Values (Blows / 0.3m): Dynamic Cone; 10 20 30 40

Undrained Shear Strength (kPa): Unconfined, Pocket Penetrometer, Field Vane, Lab Vane; 40 80 120 160

Moisture / Plasticity: Plastic Limit, Natural Water Content, Liquid Limit; PL MC LL; 10 20 30

Unstabilized Water Level

Lab Data and Comments: GRAIN SIZE DISTRIBUTION (%) (MIT) GR SA SI CL

Unstabilized water level measured at 2.3 m below ground surface; borehole caved to 4.9 m below ground surface upon completion of drilling.

50 mm dia. monitoring well installed.

file: 02310769.000 bh logs.gpj

LOG OF BOREHOLE 24-12

Project No.	: 02310769.002	Client	: Oak Valley Health	Originated by	: BR
Date started	: June 20, 2024	Project	: Uxbridge Community Hospital	Compiled by	: AS
Sheet No.	: 1 of 1	Location	: Uxbridge, ON	Checked by	: AS

Position : E: 649611, N: 4884946 (UTM 17T) Elevation Datum : Geodetic

Rig type : Track-mounted Drilling Method : Solid stem augers

Depth Scale (m)	Elev Depth (m)	Description	Graphic Log	Number	Type	SPT 'N' Value	Elevation Scale (m)	Penetration Test Values (Blows / 0.3m) / Undrained Shear Strength (kPa)	Moisture / Plasticity	Headspace Vapour (ppm)	Instrument Details	Lab Data and Comments
0	275.7	**GROUND SURFACE**					275					
		50mm **TOPSOIL**										
		FILL, silty sand, trace clay, trace to some gravel, trace organics, trace stone pieces inclusion, loose to compact, dark brown, moist		1	SS	8				PID: 5 FID: 1		SS1 Analysis: M&I, BTEX, PAH, PCB, VOC, PHC
1				2	SS	26				PID: 0 FID: 0		
	274.2						274					
	1.5	**SAND**, trace to some clay, trace to some sand, compact, brown, moist		3	SS	17				PID: 0 FID: 0		
2												
				4	SS	15	273			PID: 0 FID: 1		1 88 10 1 SS4 Analysis: M&I, BTEX, PAH, PCB, VOC, PHC
3				5	SS	16				PID: 0 FID: 1		
							272					
4												
				6	SS	20	271			PID: 0 FID: 1		
5												
							270					
6		...brownish grey		7	SS	13				PID: 0 FID: 0		
	269.0						269					
	6.7	**END OF BOREHOLE**										

Unstabilized Water Level: 1.5 m

Penetration Test Values (Blows / 0.3m): Dynamic Cone; 10 20 30 40

Undrained Shear Strength (kPa): Unconfined, Pocket Penetrometer, Field Vane, Lab Vane; 40 80 120 160

Moisture / Plasticity: Plastic Limit, Natural Water Content, Liquid Limit; PL MC LL; 10 20 30

Lab Data and Comments: GRAIN SIZE DISTRIBUTION (%) (MIT) GR SA SI CL

Unstabilized water level measured at 1.5 m below ground surface; borehole caved to 1.5 m below ground surface upon completion of drilling.

50 mm dia. monitoring well installed.

file: 02310769.000 bh logs.gpj

LOG OF BOREHOLE 24-13

Project No.	: 02310769.002	Client	: Oak Valley Health	Originated by	: BR
Date started	: June 20, 2024	Project	: Uxbridge Community Hospital	Compiled by	: AS
Sheet No.	: 1 of 1	Location	: Uxbridge, ON	Checked by	: AS

Position : E: 649599, N: 4884884 (UTM 17T) Elevation Datum : Geodetic

Rig type : Track-mounted Drilling Method : Solid stem augers

Depth Scale (m)	Elev Depth (m)	Description	Graphic Log	Sample Number	Sample Type	SPT 'N' Value
0	276.7	**GROUND SURFACE**				
	276.5	180mm **TOPSOIL**				
	0.2	**FILL**, silty sand, trace gravel, trace organics, very loose, dark brown, moist		1	SS	3
	275.9					
1	0.8	**SAND AND GRAVEL**, trace silt, dense, brown, moist		2	SS	35
				3	SS	39
2	274.4					
	2.3	**SILT**, trace to some clay, trace to some sand, dilatent, compact, brown, wet		4	SS	18
3				5	SS	21
4	272.1					
	4.6	**SAND**, trace to some silt, trace clay, trace gravel, compact, brownish grey, wet		6	SS	13
5						
6				7	SS	11
	270.0					
	6.7	**END OF BOREHOLE**				

Elevation Scale (m): 276, 275, 274, 273, 272, 271, 270

Penetration Test Values (Blows / 0.3m): Dynamic Cone; 10 20 30 40

Undrained Shear Strength (kPa): Unconfined, Pocket Penetrometer, Field Vane, Lab Vane; 40 80 120 160

Moisture / Plasticity: Plastic Limit, Natural Water Content, Liquid Limit; PL MC LL; 10 20 30

Headspace Vapour (ppm):
- PID: 0 FID: 0
- PID: 5 FID: 1
- PID: 25 FID: 0
- PID: 0 FID: 1
- PID: 0 FID: 2
- PID: 0 FID: 1
- PID: 0 FID: 0

Instrument Details

Unstabilized Water Level

Lab Data and Comments

GRAIN SIZE DISTRIBUTION (%) (MIT) GR SA SI CL

...at 1.5m, wet sampler

SS3 Analysis: M&I, BTEX, PAH, PCB, VOC, PHC

Unstabilized water level measured at 2.1 m below ground surface; borehole caved to 3.0 m below ground surface upon completion of drilling.

50 mm dia. monitoring well installed.

file: 02310769.000 bh logs.gpj

LOG OF BOREHOLE 24-14

Project No.	: 02310769.002	Client	: Oak Valley Health	Originated by	: BR
Date started	: June 20, 2024	Project	: Uxbridge Community Hospital	Compiled by	: AS
Sheet No.	: 1 of 1	Location	: Uxbridge, ON	Checked by	: AS

Position : E: 649577, N: 4884848 (UTM 17T) Elevation Datum : Geodetic

Rig type : Track-mounted Drilling Method : Solid stem augers

Depth Scale (m)	Elev Depth (m)	Description	Graphic Log	Sample Number	Sample Type	SPT 'N' Value	Elevation Scale (m)	Penetration Test Values (Blows / 0.3m) / Undrained Shear Strength (kPa)	Moisture / Plasticity	Headspace Vapour (ppm)	Instrument Details	Lab Data and Comments
0	**277.8**	**GROUND SURFACE**					277	Dynamic Cone 10 20 30 40; Unconfined / Pocket Penetrometer / Field Vane / Lab Vane 40 80 120 160	Plastic Limit / Natural Water Content / Liquid Limit PL MC LL 10 20 30			Unstabilized Water Level; GRAIN SIZE DISTRIBUTION (%) (MIT) GR SA SI CL
		110mm **TOPSOIL**										
		FILL, silty sand, trace gravel, trace rootlets, trace organics, loose, dark brown, moist		1	SS	7				PID: 0 FID: 0		SS1 Analysis: M&I, BTEX, PAH, PCB, VOC, PHC
1				2	SS	5				PID: 0 FID: 0		
	276.3						276					▽
2	1.5	**SAND**, trace to some silt, trace clay, trace gravel, compact, brown, wet		3	SS	20				PID: 0 FID: 1		
				4	SS	22				PID: 0 FID: 1		SS4 Analysis: M&I, BTEX, PAH, PCB, VOC, PHC
3				5	SS	13	275			PID: 0 FID: 1		
4							274					
				6	SS	15	273			PID: 0 FID: 0		
5												
		...dense		7	SS	34	272			PID: 0 FID: 0		
6	271.1											
	6.7	**END OF BOREHOLE**										

Unstabilized water level measured at 1.5 m below ground surface; borehole caved to 1.5 m below ground surface upon completion of drilling.

LOG OF BOREHOLE 24-15

Project No.	: 02310769.002	Client	: Oak Valley Health	Originated by	: BR
Date started	: June 20, 2024	Project	: Uxbridge Community Hospital	Compiled by	: AS
Sheet No.	: 1 of 1	Location	: Uxbridge, ON	Checked by	: AS

Position : E: 649604, N: 4884843 (UTM 17T) Elevation Datum : Geodetic

Rig type : Track-mounted Drilling Method : Solid stem augers

Depth Scale (m)	Elev Depth (m)	Description	Graphic Log	Number	Type	SPT 'N' Value
0	277.6	**GROUND SURFACE**				
	277.4	110mm **TOPSOIL**				
	0.2	**FILL**, silty sand, trace gravel, trace organics, trace rootlets, very loose, dark brown, moist		1	SS	3
	276.8					
1	0.8	**SILT**, some sand to sandy, trace to some clay, trace gravel, dilatent, loose to compact, brown, wet		2	SS	12
				3	SS	11
2				4	SS	22
3	274.6					
	3.0	**SAND**, trace to some silt, trace clay, trace gravel, compact to dense, brownish grey, wet		5	SS	16
4						
				6	SS	21
5						
6				7	SS	32
	270.9					
	6.7	**END OF BOREHOLE**				

Elevation Scale (m): 277, 276, 275, 274, 273, 272, 271

Penetration Test Values (Blows / 0.3m) — Dynamic Cone: 10, 20, 30, 40

Undrained Shear Strength (kPa) — Unconfined, Pocket Penetrometer, Field Vane, Lab Vane: 40, 80, 120, 160

Moisture / Plasticity — Plastic Limit (PL), Natural Water Content (MC), Liquid Limit (LL): 10, 20, 30

Headspace Vapour (ppm):
- PID: 0 FID: 0
- PID: 0 FID: 1
- PID: 5 FID: 1
- PID: 0 FID: 1
- PID: 0 FID: 0
- PID: 0 FID: 0
- PID: 0 FID: 0

Instrument Details

Unstabilized Water Level

Lab Data and Comments

GRAIN SIZE DISTRIBUTION (%) (MIT)

GR SA SI CL

5 26 59 10

SS3 Analysis: M&I, BTEX, PAH, PCB, VOC, PHC

wet sampler

Unstabilized water level measured at 2.7 m below ground surface; borehole caved to 4.0 m below ground surface upon completion of drilling.

50 mm dia. monitoring well installed.

file: 02310769.000 bh logs.gpj

LOG OF BOREHOLE 24-16

Project No.	: 02310769.002	Client	: Oak Valley Health	Originated by	: BR
Date started	: June 20, 2024	Project	: Uxbridge Community Hospital	Compiled by	: AS
Sheet No.	: 1 of 1	Location	: Uxbridge, ON	Checked by	: AS

Position : E: 649844, N: 4885038 (UTM 17T) Elevation Datum : Geodetic

Rig type : Track-mounted Drilling Method : Solid stem augers

Depth Scale (m)	Elev Depth (m)	Description	Graphic Log	Number	Type	SPT 'N' Value	Elevation Scale (m)	Penetration Test Values (Blows / 0.3m) / Undrained Shear Strength (kPa)	Moisture / Plasticity (PL, Natural Water Content, LL)	Headspace Vapour (ppm)	Instrument Details	Lab Data and Comments
0	281.1	**GROUND SURFACE**					281					
		50mm **TOPSOIL**										
		FILL, silty sand, trace gravel, trace organics, loose, dark brown, moist		1	SS	5				PID: 5 FID: 0		SS1 Analysis: M&I, BTEX, PAH, PCB, VOC, PHC, DUP#3
	280.3											
	0.8	**SILT**, some sand to sandy, trace to some clay, trace gravel, dilatent, loose to compact, brown, moist		2	SS	9	280			PID: 0 FID: 0		
1												0 30 66 4
				3	SS	19				PID: 0 FID: 0		SS3 Analysis: M&I, BTEX, PAH, PCB, VOC, PHC
2							279					
		...wet, dilatent below		4	SS	18				PID: 0 FID: 0		SS4 Analysis: M&I, BTEX, PAH, PCB, VOC, PHC
3				5	SS	21	278			PID: 0 FID: 0		
4							277					
				6	SS	12				PID: 0 FID: 0		
5	275.9						276					
	5.2	**END OF BOREHOLE**										

Borehole was dry and open upon completion of drilling.

Penetration Test Values (Blows / 0.3m): Dynamic Cone (10, 20, 30, 40)

Undrained Shear Strength (kPa): Unconfined, Pocket Penetrometer, Field Vane, Lab Vane (40, 80, 120, 160)

Moisture / Plasticity: Plastic Limit (PL), Natural Water Content (MC), Liquid Limit (LL) (10, 20, 30)

Unstabilized Water Level

GRAIN SIZE DISTRIBUTION (%) (MIT) GR SA SI CL

file: 02310769.000 bh logs.gpj

LOG OF BOREHOLE 24-17

Project No.	: 02310769.002	Client	: Oak Valley Health	Originated by	: BR
Date started	: June 17, 2024	Project	: Uxbridge Community Hospital	Compiled by	: AS
Sheet No.	: 1 of 1	Location	: Uxbridge, ON	Checked by	: AS

Position : E: 649904, N: 4885051 (UTM 17T) Elevation Datum : Geodetic

Rig type : Track-mounted Drilling Method : Solid stem augers

Depth Scale (m)	Elev Depth (m)	Description	Graphic Log	Number	Type	SPT 'N' Value	Elevation Scale (m)	Penetration Test Values (Blows / 0.3m) / Undrained Shear Strength (kPa)	Moisture / Plasticity (PL, MC, LL)	Headspace Vapour (ppm)	Instrument Details	Lab Data and Comments
0	**277.0**	**GROUND SURFACE**					277					
	276.8	150mm **ASPHALTIC CONCRETE**										
	0.2 276.6	240mm **AGGREGATE**		1	SS	29				PID: 0 FID: 0		SS1 Analysis: M&I, BTEX, PAH, PCB, VOC, PHC
	0.4 276.2	**FILL**, sandy silt, trace to some gravel, trace clay, trace organics, compact, dark brown, moist										
1	0.8	**SILT**, trace to some clay, trace to some sand, dilatent, loose to compact, brown, wet		2	SS	12	276			PID: 15 FID: 0		SS2 Analysis: M&I, BTEX, PAH, PCB, VOC, PHC
		...brownish grey below		3	SS	21				PID: 0 FID: 0		
2							275					
				4	SS	25				PID: 0 FID: 0		SS4 Analysis: M&I, BTEX, PAH, PCB, VOC, PHC
3							274					
				5	SS	35				PID: 0 FID: 0		
4							273					
				6	SS	65				PID: 0 FID: 0		
5	271.8 5.2	**END OF BOREHOLE**					272					

Penetration Test Values (Blows / 0.3m): × Dynamic Cone; 10 20 30 40

Undrained Shear Strength (kPa): ○ Unconfined ● Pocket Penetrometer + Field Vane ■ Lab Vane; 40 80 120 160

Moisture / Plasticity: Plastic Limit | Natural Water Content | Liquid Limit; PL MC LL; 10 20 30

Unstabilized Water Level

GRAIN SIZE DISTRIBUTION (%) (MIT) GR SA SI CL

Borehole was dry and open upon completion of drilling.

file: 02310769.000 bh logs.gpj

Appendix B Tables

ENGLOBE

Table 1.0
Soil Quality - Metals and Inorgaincs
Results of Soil Sampling
Uxbridge Community Hospital
Project No. 02310769.004

Parameters	Table 1 RPI/ICC	Table 2.1 RPI	Table 2.1 ICC	Table 3.1 RPI	Table 3.1 ICC						
							1	2	3	4	5
						SGS Lab Work Order	CA40160-JUN24 R	CA40160-JUN24 R	CA40160-JUN24 R	CA40160-JUN24 R	CA40160-JUN24 R
						Lab Sample Identification	CA40160-JUN24 R - 10	CA40160-JUN24 R - 11	CA40160-JUN24 R - 12	CA40160-JUN24 R - 13	CA40160-JUN24 R - 14
						Sampling Date	18-Jun-24	18-Jun-24	17-Jun-24	17-Jun-24	17-Jun-24
						Sample Identification	BH 24-1/SS1	BH 24-1/SS5	BH 24-2/SS2	BH 24-2/SS4	BH 24-2/SS5
						Unit					
Metals											
Antimony	1.3	7.5	40.0	7.5	40	µg/g	< 0.8	< 0.8	< 0.8	< 0.8	---
Arsenic	18	18	18	18	18	µg/g	4.8	4.7	2.6	2.9	---
Barium	220	390	670	390	670	µg/g	16	30	23	13	---
Beryllium	2.5	4.0	8.0	4	8	µg/g	0.20	0.21	0.27	0.13	---
Boron	36	120	120	120	120	µg/g	7	4	2	3	---
Water Soluble Boron	NA	1.5	2	1.5	2	µg/g	< 0.5	< 0.5	< 0.5	< 0.5	---
Cadmium	1.2	1.2	1.9	1.2	1.9	µg/g	< 0.05	0.06	0.07	< 0.05	---
Chromium	70	160	160	160	160	µg/g	7	7.8	8.3	5	---
Cobalt	21	22	80	22	80	µg/g	2.3	3.1	2.8	2	---
Copper	92	140	230	140	230	µg/g	11	13	8	7	---
Lead	120	120	120	120	120	µg/g	5	4	4.1	2	---
Mercury	0.27	0.27	0.27	0.27	0.27	µg/g	< 0.05	< 0.05	< 0.05	< 0.05	---
Molybdenum	2	7	40	6.9	40	µg/g	0.2	0.4	0.2	0.1	---
Nickel	82	100	270	100	270	µg/g	6	6.9	5.8	3	---
Selenium	1.5	2.4	5.5	2.4	5.5	µg/g	0.1	0.1	0.2	0.1	---
Silver	0.5	20	40	20	40	µg/g	< 0.05	< 0.05	< 0.05	< 0.05	---
Thallium	1	1	3.3	1	3.3	µg/g	0.06	0.07	0.05	0.03	---
Uranium	2.5	23	33	23	33	µg/g	0.42	0.62	0.45	0.38	---
Vanadium	86	86	86	86	86	µg/g	10	14	19	11	---
Zinc	290	340	340	340	340	µg/g	14	19	17	11	---
Other Regulated Parameters											
Free Cyanide	0.051	0.051	0.051	0.051	0.051	µg/g	< 0.05	< 0.05	< 0.05	< 0.05	---
Sodium Adsorption Ratio	2.4	5	12	5.0	12.0	---	**50.3**	**5.2**	**110**	**20.3**	---
Conductivity	0.57	0.70	1.4	0.70	1.40	mS/cm	**2.4**	0.55	**8**	**3.20**	---
pH	NV	NV	NV			pH Units	8.13	8.08	8	7.95	---
Chromium VI	0.66	8	8	8	8	µg/g	< 0.2	< 0.2	0.2	< 0.2	---

Notes
Bold – Exceeds Table 1 Standards
Underline – Exceeds Table 3.1 RPI Standards
Shaded – Exceeds Table 3.1 ICC Standards

Table 1.0
Soil Quality - Metals and Inorgaincs
Results of Soil Sampling
Uxbridge Community Hospital
Project No. 02310769.004

Parameters	Table 1 RPI/ICC	Table 2.1 RPI	Table 2.1 ICC	Table 3.1 RPI	Table 3.1 ICC		6	7	8	9	10
						SGS Lab Work Order	CA40160-JUN24 R	CA40160-JUN24 R	CA40160-JUN24 R	CA40160-JUN24 R	CA40160-JUN24 R
						Lab Sample Identification	CA40160-JUN24 R - 15	CA40160-JUN24 R - 16	CA40160-JUN24 R - 17	CA40160-JUN24 R - 18	CA40160-JUN24 R - 19
						Sampling Date	17-Jun-24	17-Jun-24	17-Jun-24	17-Jun-24	18-Jun-24
						Sample Identification	BH 24-3/SS1	BH 24-3/SS4	BH 24-4/SS1	BH 24-4/SS5	BH 24-5/SS1
						Unit					
Metals											
Antimony	1.3	7.5	40.0	7.5	40	µg/g	< 0.8	< 0.8	< 0.8	< 0.8	< 0.8
Arsenic	18	18	18	18	18	µg/g	3.7	3.5	3.6	4.2	2.4
Barium	220	390	670	390	670	µg/g	28	21	21	16	25
Beryllium	2.5	4.0	8.0	4	8	µg/g	0.26	0.17	0.24	0.21	0.28
Boron	36	120	120	120	120	µg/g	4	3	4	4	2
Water Soluble Boron	NA	1.5	2	1.5	2	µg/g	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Cadmium	1.2	1.2	1.9	1.2	1.9	µg/g	0.12	< 0.05	0.09	0.1	0.11
Chromium	70	160	160	160	160	µg/g	8.2	6	7.2	6.7	9
Cobalt	21	22	80	22	80	µg/g	2.7	2	2.6	2.8	2.8
Copper	92	140	230	140	230	µg/g	9.4	9	10	10	5
Lead	120	120	120	120	120	µg/g	24	2.8	4.5	3.5	5.2
Mercury	0.27	0.27	0.27	0.27	0.27	µg/g	< 0.05	< 0.05	0.06	< 0.05	0.1
Molybdenum	2	7	40	6.9	40	µg/g	0.3	0.1	0.3	0.3	0.2
Nickel	82	100	270	100	270	µg/g	5.6	5	5.3	6	6
Selenium	1.5	2.4	5.5	2.4	5.5	µg/g	0.2	0.1	0.2	0.2	0.2
Silver	0.5	20	40	20	40	µg/g	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Thallium	1	1	3.3	1	3.3	µg/g	0.05	0.04	0.06	0.08	0.06
Uranium	2.5	23	33	23	33	µg/g	0.48	0.40	0.43	0.65	0.4
Vanadium	86	86	86	86	86	µg/g	16	12	16	14	19
Zinc	290	340	340	340	340	µg/g	30	14	20	17	18
Other Regulated Parameters											
Free Cyanide	0.051	0.051	0.051	0.051	0.051	µg/g	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Sodium Adsorption Ratio	2.4	5	12	5.0	12.0	---	**13.4**	**14.0**	**93**	**29.9**	0.3
Conductivity	0.57	0.70	1.4	0.70	1.40	mS/cm	0.56	**2.00**	**6.4**	**2.2**	0.16
pH	NV	NV	NV			pH Units	8.19	8.12	8.13	8.09	8.11
Chromium VI	0.66	8	8	8	8	µg/g	0.2	< 0.2	< 0.2	< 0.2	< 0.2

Notes
Bold – Exceeds Table 1 Standards
Underline – Exceeds Table 3.1 RPI Standards
Shaded – Exceeds Table 3.1 ICC Standards

Table 1.0
Soil Quality - Metals and Inorgaincs
Results of Soil Sampling
Uxbridge Community Hospital
Project No. 02310769.004

Parameters	Table 1 RPI/ICC	Table 2.1 RPI	Table 2.1 ICC	Table 3.1 RPI	Table 3.1 ICC		11	12	13	14	15
						SGS Lab Work Order	CA40160-JUN24 R	CA40160-JUN24 R	CA40160-JUN24 R	CA40160-JUN24 R	CA40160-JUN24 R
						Lab Sample Identification	CA40160-JUN24 R - 20	CA40160-JUN24 R - 21	CA40160-JUN24 R - 22	CA40160-JUN24 R - 23	CA40160-JUN24 R - 24
						Sampling Date	18-Jun-24	18-Jun-24	18-Jun-24	18-Jun-24	19-Jun-24
						Sample Identification	BH 24-5/SS5	BH 24-6/SS2	BH 24-7/SS3	BH 24-7/SS6	BH 24-8/SS2
						Unit					
Metals											
Antimony	1.3	7.5	40.0	7.5	40	µg/g	< 0.8	< 0.8	< 0.8	< 0.8	< 0.8
Arsenic	18	18	18	18	18	µg/g	3.9	4.1	3.4	4.6	3.3
Barium	220	390	670	390	670	µg/g	22	28	32	29	35
Beryllium	2.5	4.0	8.0	4	8	µg/g	0.21	0.27	0.29	0.23	0.36
Boron	36	120	120	120	120	µg/g	4	3	3	4	4
Water Soluble Boron	NA	1.5	2	1.5	2	µg/g	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Cadmium	1.2	1.2	1.9	1.2	1.9	µg/g	0.05	0.1	0.11	0.07	0.16
Chromium	70	160	160	160	160	µg/g	6.7	8.9	8	8.3	14
Cobalt	21	22	80	22	80	µg/g	2.7	3.3	3	3.3	5
Copper	92	140	230	140	230	µg/g	8.7	9.6	8	11	11
Lead	120	120	120	120	120	µg/g	3.4	5.1	5.9	4.2	8
Mercury	0.27	0.27	0.27	0.27	0.27	µg/g	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Molybdenum	2	7	40	6.9	40	µg/g	0.2	0.3	0.3	0.3	0.4
Nickel	82	100	270	100	270	µg/g	5.7	6.4	6	7.2	10
Selenium	1.5	2.4	5.5	2.4	5.5	µg/g	0.2	0.2	0.2	0.2	0.3
Silver	0.5	20	40	20	40	µg/g	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Thallium	1	1	3.3	1	3.3	µg/g	0.06	0.05	0.06	0.07	0.11
Uranium	2.5	23	33	23	33	µg/g	0.48	0.5	0.43	0.68	0.62
Vanadium	86	86	86	86	86	µg/g	14	21	17	16	29
Zinc	290	340	340	340	340	µg/g	17	22	21	20	34
Other Regulated Parameters											
Free Cyanide	0.051	0.051	0.051	0.051	0.051	µg/g	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Sodium Adsorption Ratio	2.4	5	12	5.0	12.0	---	**22.7**	**62.6**	**4.3**	2	0.9
Conductivity	0.57	0.70	1.4	0.70	1.40	mS/cm	**1.9**	**4.2**	0.40	0.32	0.19
pH	NV	NV	NV			pH Units	7.56	7.96	7.77	7.87	7.51
Chromium VI	0.66	8	8	8	8	µg/g	< 0.2	< 0.2	< 0.2	< 0.2	0.2

Notes
Bold – Exceeds Table 1 Standards
Underline – Exceeds Table 3.1 RPI Standards
Shaded – Exceeds Table 3.1 ICC Standards

Table 1.0
Soil Quality - Metals and Inorgaincs
Results of Soil Sampling
Uxbridge Community Hospital
Project No. 02310769.004

Parameters	Table 1 RPI/ICC	Table 2.1 RPI	Table 2.1 ICC	Table 3.1 RPI	Table 3.1 ICC		16	17	18	19	20
						SGS Lab Work Order	CA40160-JUN24 R	CA40160-JUN24 R	CA40160-JUN24 R	CA40160-JUN24 R	CA40160-JUN24 R
						Lab Sample Identification	CA40160-JUN24 R - 25	CA40160-JUN24 R - 26	CA40160-JUN24 R - 27	CA40160-JUN24 R - 28	CA40160-JUN24 R - 29
						Sampling Date	19-Jun-24	19-Jun-24	19-Jun-24	20-Jun-24	20-Jun-24
						Sample Identification	BH 24-8/SS5	BH 24-9/SS2	BH 24-10/SS3	BH 24-11/SS2	BH 24-12/SS1
						Unit					
Metals											
Antimony	1.3	7.5	40.0	7.5	40	µg/g	< 0.8	< 0.8	< 0.8	< 0.8	< 0.8
Arsenic	18	18	18	18	18	µg/g	4	3.1	4.1	2.6	3.4
Barium	220	390	670	390	670	µg/g	18	16	27	10	15
Beryllium	2.5	4.0	8.0	4	8	µg/g	0.18	0.16	0.22	0.18	0.20
Boron	36	120	120	120	120	µg/g	4	2	3	2	2
Water Soluble Boron	NA	1.5	2	1.5	2	µg/g	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Cadmium	1.2	1.2	1.9	1.2	1.9	µg/g	< 0.05	< 0.05	0.07	< 0.05	0.05
Chromium	70	160	160	160	160	µg/g	6.8	5	8.4	5.7	6
Cobalt	21	22	80	22	80	µg/g	2.4	1.9	3.2	1.7	2.0
Copper	92	140	230	140	230	µg/g	7	6	9.1	4.6	5
Lead	120	120	120	120	120	µg/g	2.7	2.2	4.2	2.3	3.0
Mercury	0.27	0.27	0.27	0.27	0.27	µg/g	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Molybdenum	2	7	40	6.9	40	µg/g	0.3	0.2	0.4	0.2	0.2
Nickel	82	100	270	100	270	µg/g	5	4	6.7	3.3	4
Selenium	1.5	2.4	5.5	2.4	5.5	µg/g	0.1	< 0.1	0.2	0.1	0.1
Silver	0.5	20	40	20	40	µg/g	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Thallium	1	1	3.3	1	3.3	µg/g	0.05	0.04	0.07	0.03	0.04
Uranium	2.5	23	33	23	33	µg/g	0.63	0.37	0.44	0.42	0.43
Vanadium	86	86	86	86	86	µg/g	15	12	17	15	16
Zinc	290	340	340	340	340	µg/g	15	12	22	11	13
Other Regulated Parameters											
Free Cyanide	0.051	0.051	0.051	0.051	0.051	µg/g	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Sodium Adsorption Ratio	2.4	5	12	5.0	12.0	---	0.8	0.8	**2.7**	< 0.2	< 0.2
Conductivity	0.57	0.70	1.4	0.70	1.40	mS/cm	0.17	0.15	0.19	0.12	0.12
pH	NV	NV	NV			pH Units	7.78	7.98	7.61	7.56	7.86
Chromium VI	0.66	8	8	8	8	µg/g	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2

Notes
Bold – Exceeds Table 1 Standards
Underline – Exceeds Table 3.1 RPI Standards
Shaded – Exceeds Table 3.1 ICC Standards

Table 1.0
Soil Quality - Metals and Inorgaincs
Results of Soil Sampling
Uxbridge Community Hospital
Project No. 02310769.004

Parameters	Table 1 RPI/ICC	Table 2.1 RPI	Table 2.1 ICC	Table 3.1 RPI	Table 3.1 ICC		21	22	23	24	25
						SGS Lab Work Order	CA40160-JUN24 R	CA40160-JUN24 R	CA40160-JUN24 R	CA40160-JUN24 R	CA40160-JUN24 R
						Lab Sample Identification	CA40160-JUN24 R - 30	CA40160-JUN24 R - 31	CA40160-JUN24 R - 32	CA40160-JUN24 R - 33	CA40160-JUN24 R - 34
						Sampling Date	20-Jun-24	20-Jun-24	20-Jun-24	20-Jun-24	20-Jun-24
						Sample Identification	BH 24-12/SS4	BH 24-13/SS3	BH 24-14/SS1	BH 24-14/SS4	BH 24-15/SS3
						Unit					
Metals											
Antimony	1.3	7.5	40.0	7.5	40	µg/g	< 0.8	< 0.8	< 0.8	< 0.8	< 0.8
Arsenic	18	18	18	18	18	µg/g	2.6	4.2	1.8	2.70	3.70
Barium	220	390	670	390	670	µg/g	13	16	24	12	19
Beryllium	2.5	4.0	8.0	4	8	µg/g	0.11	0.2	0.27	0.16	0.19
Boron	36	120	120	120	120	µg/g	2	3	1	2	3
Water Soluble Boron	NA	1.5	2	1.5	2	µg/g	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Cadmium	1.2	1.2	1.9	1.2	1.9	µg/g	< 0.05	0.06	0.12	< 0.05	0.06
Chromium	70	160	160	160	160	µg/g	3.2	8.3	7	4.40	5.70
Cobalt	21	22	80	22	80	µg/g	1.4	2.3	2.5	1.6	2.5
Copper	92	140	230	140	230	µg/g	3.3	7.1	4	3.70	7.10
Lead	120	120	120	120	120	µg/g	2	4.3	5.5	2.5	3.3
Mercury	0.27	0.27	0.27	0.27	0.27	µg/g	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Molybdenum	2	7	40	6.9	40	µg/g	< 0.1	0.5	0.2	0.1	0.2
Nickel	82	100	270	100	270	µg/g	2.4	5.3	4	3.10	5.20
Selenium	1.5	2.4	5.5	2.4	5.5	µg/g	< 0.1	0.1	0.2	< 0.1	0.1
Silver	0.5	20	40	20	40	µg/g	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Thallium	1	1	3.3	1	3.3	µg/g	< 0.02	0.05	0.05	0.03	0.05
Uranium	2.5	23	33	23	33	µg/g	0.35	0.48	0.35	0.32	0.37
Vanadium	86	86	86	86	86	µg/g	8	13	16	9	12
Zinc	290	340	340	340	340	µg/g	8.8	18	21	9.60	15.00
Other Regulated Parameters											
Free Cyanide	0.051	0.051	0.051	0.051	0.051	µg/g	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Sodium Adsorption Ratio	2.4	5	12	5.0	12.0	---	< 0.2	0.2	< 0.2	< 0.2	< 0.2
Conductivity	0.57	0.70	1.4	0.70	1.40	mS/cm	0.09	0.13	0.06	0.13	0.11
pH	NV	NV	NV			pH Units	8.01	7.34	6.05	7.4	7.88
Chromium VI	0.66	8	8	8	8	µg/g	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2

Notes
Bold – Exceeds Table 1 Standards
Underline – Exceeds Table 3.1 RPI Standards
Shaded – Exceeds Table 3.1 ICC Standards

Table 1.0
Soil Quality - Metals and Inorgaincs
Results of Soil Sampling
Uxbridge Community Hospital
Project No. 02310769.004

Parameters	Table 1 RPI/ICC	Table 2.1 RPI	Table 2.1 ICC	Table 3.1 RPI	Table 3.1 ICC		26	27	28	29	30
						SGS Lab Work Order	CA40160-JUN24 R	CA40160-JUN24 R	CA40160-JUN24 R	CA40160-JUN24 R	CA40160-JUN24 R
						Lab Sample Identification	CA40160-JUN24 R - 35	CA40160-JUN24 R - 36	CA40160-JUN24 R - 37	CA40160-JUN24 R - 38	CA40160-JUN24 R - 39
						Sampling Date	19-Jun-24	19-Jun-24	19-Jun-24	17-Jun-24	17-Jun-24
						Sample Identification	BH 24-16/SS1	BH 24-16/SS3	BH 24-16/SS4	BH 24-17/SS1	BH 24-17/SS2
						Unit					
Metals											
Antimony	1.3	7.5	40.0	7.5	40	µg/g	< 0.8	< 0.8	< 0.8	< 0.8	< 0.8
Arsenic	18	18	18	18	18	µg/g	3.80	3.40	3.70	3.50	4.00
Barium	220	390	670	390	670	µg/g	41	13	17	16	22
Beryllium	2.5	4.0	8.0	4	8	µg/g	0.35	0.16	0.17	0.15	0.18
Boron	36	120	120	120	120	µg/g	2	3	3	3	4
Water Soluble Boron	NA	1.5	2	1.5	2	µg/g	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Cadmium	1.2	1.2	1.9	1.2	1.9	µg/g	0.13	< 0.05	< 0.05	< 0.05	< 0.05
Chromium	70	160	160	160	160	µg/g	9.30	4.80	5.70	5.50	6.80
Cobalt	21	22	80	22	80	µg/g	3.3	2	2.2	2.1	2.8
Copper	92	140	230	140	230	µg/g	7.30	5.40	6.10	6.40	8.10
Lead	120	120	120	120	120	µg/g	9.3	2.1	2.4	2.5	3.5
Mercury	0.27	0.27	0.27	0.27	0.27	µg/g	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Molybdenum	2	7	40	6.9	40	µg/g	0.2	0.1	0.1	< 0.1	< 0.1
Nickel	82	100	270	100	270	µg/g	6.40	3.60	4.20	4.00	5.90
Selenium	1.5	2.4	5.5	2.4	5.5	µg/g	0.2	0.1	0.1	0.1	0.1
Silver	0.5	20	40	20	40	µg/g	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Thallium	1	1	3.3	1	3.3	µg/g	0.07	0.03	0.04	0.03	0.06
Uranium	2.5	23	33	23	33	µg/g	0.47	0.42	0.44	0.44	0.47
Vanadium	86	86	86	86	86	µg/g	19	12	13	13	14
Zinc	290	340	340	340	340	µg/g	27.00	12.00	13.00	14.00	16.00
Other Regulated Parameters											
Free Cyanide	0.051	0.051	0.051	0.051	0.051	µg/g	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Sodium Adsorption Ratio	2.4	5	12	5.0	12.0	---	< 0.2	0.3	0.2	30.3	**15.3**
Conductivity	0.57	0.70	1.4	0.70	1.40	mS/cm	0.13	0.11	0.1	2.4	**2.2**
pH	NV	NV	NV			pH Units	7.79	7.99	8.05	8.03	8.02
Chromium VI	0.66	8	8	8	8	µg/g	0.2	< 0.2	< 0.2	< 0.2	< 0.2

Notes
Bold – Exceeds Table 1 Standards
Underline – Exceeds Table 3.1 RPI Standards
Shaded – Exceeds Table 3.1 ICC Standards

Table 1.0
Soil Quality - Metals and Inorgaincs
Results of Soil Sampling
Uxbridge Community Hospital
Project No. 02310769.004

Parameters	Table 1 RPI/ICC	Table 2.1 RPI	Table 2.1 ICC	Table 3.1 RPI	Table 3.1 ICC		31	32	33	34	35
						SGS Lab Work Order	CA40160-JUN24 R	CA40160-JUN24 R	CA40160-JUN24 R	CA40160-JUN24 R	CA40160-JUN24 R
						Lab Sample Identification	CA40160-JUN24 R - 40	CA40160-JUN24 R - 41	CA40160-JUN24 R - 42	CA40160-JUN24 R - 43	CA40160-JUN24 R - 44
						Sampling Date	17-Jun-24	17-Jun-24	18-Jun-24	19-Jun-24	19-Jun-24
						Sample Identification	BH 24-17/SS4	DUP#1 - BH 24-3/SS1	DUP#2 - BH 24-5/SS1	DUP#3 - BH 24-16/SS1	DUP#4 - BH 24-10/SS3
						Unit					
Metals											
Antimony	1.3	7.5	40.0	7.5	40	µg/g	< 0.8	< 0.8	< 0.8	< 0.8	< 0.8
Arsenic	18	18	18	18	18	µg/g	4.70	3.60	2.70	3.80	4.20
Barium	220	390	670	390	670	µg/g	33	33	27	43	25
Beryllium	2.5	4.0	8.0	4	8	µg/g	0.24	0.29	0.27	0.38	0.20
Boron	36	120	120	120	120	µg/g	4	3	2	3	4
Water Soluble Boron	NA	1.5	2	1.5	2	µg/g	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Cadmium	1.2	1.2	1.9	1.2	1.9	µg/g	0.06	0.12	0.11	0.12	0.06
Chromium	70	160	160	160	160	µg/g	8.00	8.50	7.90	10.00	7.30
Cobalt	21	22	80	22	80	µg/g	3.3	2.9	2.8	3.5	3
Copper	92	140	230	140	230	µg/g	9.50	7.40	5.50	7.60	8.50
Lead	120	120	120	120	120	µg/g	4.2	27	5.9	8.5	3.6
Mercury	0.27	0.27	0.27	0.27	0.27	µg/g	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Molybdenum	2	7	40	6.9	40	µg/g	0.3	0.3	0.2	0.2	0.2
Nickel	82	100	270	100	270	µg/g	7.30	5.80	5.20	7.10	6.40
Selenium	1.5	2.4	5.5	2.4	5.5	µg/g	0.2	0.2	0.2	0.2	0.2
Silver	0.5	20	40	20	40	µg/g	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Thallium	1	1	3.3	1	3.3	µg/g	0.07	0.05	0.04	0.07	0.06
Uranium	2.5	23	33	23	33	µg/g	0.61	0.46	0.43	0.46	0.54
Vanadium	86	86	86	86	86	µg/g	14	17	17	19	16
Zinc	290	340	340	340	340	µg/g	19.00	30.00	18.00	26.00	20.00
Other Regulated Parameters											
Free Cyanide	0.051	0.051	0.051	0.051	0.051	µg/g	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Sodium Adsorption Ratio	2.4	5	12	5.0	12.0	---	**6.4**	**13.7**	0.3	< 0.2	3.1
Conductivity	0.57	0.70	1.4	0.70	1.40	mS/cm	**0.78**	**0.62**	0.15	0.13	0.19
pH	NV	NV	NV			pH Units	7.96	8.02	7.67	7.61	7.9
Chromium VI	0.66	8	8	8	8	µg/g	< 0.2	**2.2**	< 0.2	< 0.2	< 0.2

Notes
Bold – Exceeds Table 1 Standards
Underline – Exceeds Table 3.1 RPI Standards
Shaded – Exceeds Table 3.1 ICC Standards

Table 2.0
Soil Quality - Petroleum Hydrocarbons F1 to F4
Results of Soil Sampling
Uxbridge Community Hospital
Project No. 02310769.004

							1	2	3	4	5
Parameters	Table 1 RPI/ICC	Table 2.1 RPI	Table 2.1 ICC	Table 3.1 RPI	Table 3.1 ICC	SGS Lab Work Order	CA40160-JUN24 R	CA40160-JUN24 R	CA40160-JUN24 R	CA40160-JUN24 R	CA40160-JUN24 R
						Lab Sample Identification	CA40160-JUN24 R - 10	CA40160-JUN24 R - 11	CA40160-JUN24 R - 12	CA40160-JUN24 R - 13	CA40160-JUN24 R - 14
						Sampling Date	18-Jun-24	18-Jun-24	17-Jun-24	17-Jun-24	17-Jun-24
						Sample Identification	BH 24-1/SS1	BH 24-1/SS5	BH 24-2/SS2	BH 24-2/SS4	BH 24-2/SS5
						Unit					
PHCs (F1-F4)											
F1 (C6-C10)	25	25	25	25	25	µg/g	< 10	< 10	< 10	---	< 10
F1-BTEX	25	25	25	25	25	µg/g	< 10	< 10	< 10	---	< 10
F2 (C10-C16)	10	10	26	10	26	µg/g	< 10	< 10	< 10	---	< 10
F3 (C16-C34)	240	240	240	300	1700	µg/g	132	< 50	< 50	---	< 50
F4 (C34-C50)	120	120	3300	2800	3300	µg/g	**278**	< 50	< 50	---	< 50
F4G-sg	120	120	3300	2800	3300	µg/g	**2400**	---	---	---	---

Notes
Bold – Exceeds Table 1 Standards
Underline – Exceeds Table 3.1 RPI Standards
Shaded – Exceeds Table 3.1 ICC Standards

Table 2.0
Soil Quality - Petroleum Hydrocarbons F1 to F4
Results of Soil Sampling
Uxbridge Community Hospital
Project No. 02310769.004

							6	7	8	9	10
Parameters	Table 1 RPI/ICC	Table 2.1 RPI	Table 2.1 ICC	Table 3.1 RPI	Table 3.1 ICC	SGS Lab Work Order	CA40160-JUN24 R	CA40160-JUN24 R	CA40160-JUN24 R	CA40160-JUN24 R	CA40160-JUN24 R
						Lab Sample Identification	CA40160-JUN24 R - 15	CA40160-JUN24 R - 16	CA40160-JUN24 R - 17	CA40160-JUN24 R - 18	CA40160-JUN24 R - 19
						Sampling Date	17-Jun-24	17-Jun-24	17-Jun-24	17-Jun-24	18-Jun-24
						Sample Identification	BH 24-3/SS1	BH 24-3/SS4	BH 24-4/SS1	BH 24-4/SS5	BH 24-5/SS1
						Unit					
PHCs (F1-F4)											
F1 (C6-C10)	25	25	25	25	25	µg/g	< 10	< 10	< 10	< 10	< 10
F1-BTEX	25	25	25	25	25	µg/g	< 10	< 10	< 10	< 10	< 10
F2 (C10-C16)	10	10	26	10	26	µg/g	< 10	< 10	< 10	< 10	< 10
F3 (C16-C34)	240	240	240	300	1700	µg/g	< 50	< 50	225	< 50	< 50
F4 (C34-C50)	120	120	3300	2800	3300	µg/g	< 50	< 50	**456**	< 50	< 50
F4G-sg	120	120	3300	2800	3300	µg/g	---	---	**1630**	---	---

Notes
Bold – Exceeds Table 1 Standards
Underline – Exceeds Table 3.1 RPI Standards
Shaded – Exceeds Table 3.1 ICC Standards

Table 2.0
Soil Quality - Petroleum Hydrocarbons F1 to F4
Results of Soil Sampling
Uxbridge Community Hospital
Project No. 02310769.004

							11	12	13	14	15
Parameters	Table 1 RPI/ICC	Table 2.1 RPI	Table 2.1 ICC	Table 3.1 RPI	Table 3.1 ICC	SGS Lab Work Order	CA40160-JUN24 R	CA40160-JUN24 R	CA40160-JUN24 R	CA40160-JUN24 R	CA40160-JUN24 R
						Lab Sample Identification	CA40160-JUN24 R - 20	CA40160-JUN24 R - 21	CA40160-JUN24 R - 22	CA40160-JUN24 R - 23	CA40160-JUN24 R - 24
						Sampling Date	18-Jun-24	18-Jun-24	18-Jun-24	18-Jun-24	19-Jun-24
						Sample Identification	BH 24-5/SS5	BH 24-6/SS2	BH 24-7/SS3	BH 24-7/SS6	BH 24-8/SS2
						Unit					
PHCs (F1-F4)											
F1 (C6-C10)	25	25	25	25	25	µg/g	< 10	< 10	< 10	< 10	< 10
F1-BTEX	25	25	25	25	25	µg/g	< 10	< 10	< 10	< 10	< 10
F2 (C10-C16)	10	10	26	10	26	µg/g	< 10	< 10	< 10	< 10	< 10
F3 (C16-C34)	240	240	240	300	1700	µg/g	< 50	212	< 50	< 50	62
F4 (C34-C50)	120	120	3300	2800	3300	µg/g	< 50	**457**	< 50	< 50	93
F4G-sg	120	120	3300	2800	3300	µg/g	---	**1460**	---	---	---

Notes
Bold – Exceeds Table 1 Standards
Underline – Exceeds Table 3.1 RPI Standards
Shaded – Exceeds Table 3.1 ICC Standards

Table 2.0
Soil Quality - Petroleum Hydrocarbons F1 to F4
Results of Soil Sampling
Uxbridge Community Hospital
Project No. 02310769.004

							16	17	18	19	20
Parameters	Table 1 RPI/ICC	Table 2.1 RPI	Table 2.1 ICC	Table 3.1 RPI	Table 3.1 ICC	SGS Lab Work Order	CA40160-JUN24 R	CA40160-JUN24 R	CA40160-JUN24 R	CA40160-JUN24 R	CA40160-JUN24 R
						Lab Sample Identification	CA40160-JUN24 R - 25	CA40160-JUN24 R - 26	CA40160-JUN24 R - 27	CA40160-JUN24 R - 28	CA40160-JUN24 R - 29
						Sampling Date	19-Jun-24	19-Jun-24	19-Jun-24	20-Jun-24	20-Jun-24
						Sample Identification	BH 24-8/SS5	BH 24-9/SS2	BH 24-10/SS3	BH 24-11/SS2	BH 24-12/SS1
						Unit					
PHCs (F1-F4)											
F1 (C6-C10)	25	25	25	25	25	µg/g	< 10	< 10	< 10	< 10	< 10
F1-BTEX	25	25	25	25	25	µg/g	< 10	< 10	< 10	< 10	< 10
F2 (C10-C16)	10	10	26	10	26	µg/g	< 10	< 10	< 10	< 10	< 10
F3 (C16-C34)	240	240	240	300	1700	µg/g	< 50	< 50	< 50	< 50	< 50
F4 (C34-C50)	120	120	3300	2800	3300	µg/g	< 50	< 50	< 50	< 50	< 50
F4G-sg	120	120	3300	2800	3300	µg/g	---	---	---	---	---

Notes
Bold – Exceeds Table 1 Standards
Underline – Exceeds Table 3.1 RPI Standards
Shaded – Exceeds Table 3.1 ICC Standards

Table 2.0
Soil Quality - Petroleum Hydrocarbons F1 to F4
Results of Soil Sampling
Uxbridge Community Hospital
Project No. 02310769.004

							21	22	23	24	25
Parameters	Table 1 RPI/ICC	Table 2.1 RPI	Table 2.1 ICC	Table 3.1 RPI	Table 3.1 ICC	SGS Lab Work Order	CA40160-JUN24 R	CA40160-JUN24 R	CA40160-JUN24 R	CA40160-JUN24 R	CA40160-JUN24 R
						Lab Sample Identification	CA40160-JUN24 R - 30	CA40160-JUN24 R - 31	CA40160-JUN24 R - 32	CA40160-JUN24 R - 33	CA40160-JUN24 R - 34
						Sampling Date	20-Jun-24	20-Jun-24	20-Jun-24	20-Jun-24	20-Jun-24
						Sample Identification	BH 24-12/SS4	BH 24-13/SS3	BH 24-14/SS1	BH 24-14/SS4	BH 24-15/SS3
						Unit					
PHCs (F1-F4)											
F1 (C6-C10)	25	25	25	25	25	µg/g	< 10	< 10	< 10	< 10	< 10
F1-BTEX	25	25	25	25	25	µg/g	< 10	< 10	< 10	< 10	< 10
F2 (C10-C16)	10	10	26	10	26	µg/g	< 10	< 10	< 10	< 10	< 10
F3 (C16-C34)	240	240	240	300	1700	µg/g	< 50	< 50	< 50	**< 50**	**< 50**
F4 (C34-C50)	120	120	3300	2800	3300	µg/g	< 50	< 50	< 50	< 50	**< 50**
F4G-sg	120	120	3300	2800	3300	µg/g	---	---	---	---	---

Notes
Bold – Exceeds Table 1 Standards
Underline – Exceeds Table 3.1 RPI Standards
Shaded – Exceeds Table 3.1 ICC Standards

Table 2.0
Soil Quality - Petroleum Hydrocarbons F1 to F4
Results of Soil Sampling
Uxbridge Community Hospital
Project No. 02310769.004

							26	27	28	29	30
Parameters	Table 1 RPI/ICC	Table 2.1 RPI	Table 2.1 ICC	Table 3.1 RPI	Table 3.1 ICC	SGS Lab Work Order	CA40160-JUN24 R	CA40160-JUN24 R	CA40160-JUN24 R	CA40160-JUN24 R	CA40160-JUN24 R
						Lab Sample Identification	CA40160-JUN24 R - 35	CA40160-JUN24 R - 36	CA40160-JUN24 R - 37	CA40160-JUN24 R - 38	CA40160-JUN24 R - 39
						Sampling Date	19-Jun-24	19-Jun-24	19-Jun-24	17-Jun-24	17-Jun-24
						Sample Identification	BH 24-16/SS1	BH 24-16/SS3	BH 24-16/SS4	BH 24-17/SS1	BH 24-17/SS2
						Unit					
PHCs (F1-F4)											
F1 (C6-C10)	25	25	25	25	25	µg/g	< 10	< 10	< 10	< 10	< 10
F1-BTEX	25	25	25	25	25	µg/g	< 10	< 10	< 10	< 10	< 10
F2 (C10-C16)	10	10	26	10	26	µg/g	< 10	< 10	< 10	< 10	< 10
F3 (C16-C34)	240	240	240	300	1700	µg/g	< 50	< 50	< 50	56	< 50
F4 (C34-C50)	120	120	3300	2800	3300	µg/g	< 50	< 50	< 50	118	**122**
F4G-sg	120	120	3300	2800	3300	µg/g	---	---	---	---	---

Notes
Bold – Exceeds Table 1 Standards
Underline – Exceeds Table 3.1 RPI Standards
Shaded – Exceeds Table 3.1 ICC Standards

Table 2.0
Soil Quality - Petroleum Hydrocarbons F1 to F4
Results of Soil Sampling
Uxbridge Community Hospital
Project No. 02310769.004

							31	32	33	34	35
Parameters	Table 1 RPI/ICC	Table 2.1 RPI	Table 2.1 ICC	Table 3.1 RPI	Table 3.1 ICC	SGS Lab Work Order	CA40160-JUN24 R	CA40160-JUN24 R	CA40160-JUN24 R	CA40160-JUN24 R	CA40160-JUN24 R
						Lab Sample Identification	CA40160-JUN24 R - 40	CA40160-JUN24 R - 41	CA40160-JUN24 R - 42	CA40160-JUN24 R - 43	CA40160-JUN24 R - 44
						Sampling Date	17-Jun-24	17-Jun-24	18-Jun-24	19-Jun-24	19-Jun-24
						Sample Identification	BH 24-17/SS4	DUP#1 - BH 24-3/SS1	DUP#2 - BH 24-5/SS1	DUP#3 - BH 24-16/SS1	DUP#4 - BH 24-10/SS3
						Unit					
PHCs (F1-F4)											
F1 (C6-C10)	25	25	25	25	25	µg/g	< 10	< 10	< 10	< 10	< 10
F1-BTEX	25	25	25	25	25	µg/g	< 10	< 10	< 10	< 10	< 10
F2 (C10-C16)	10	10	26	10	26	µg/g	< 10	< 10	< 10	< 10	< 10
F3 (C16-C34)	240	240	240	300	1700	µg/g	< 50	< 50	< 50	< 50	< 50
F4 (C34-C50)	120	120	3300	2800	3300	µg/g	< 50	< 50	< 50	< 50	< 50
F4G-sg	120	120	3300	2800	3300	µg/g	---	---	---	---	---

Notes
Bold – Exceeds Table 1 Standards
Underline – Exceeds Table 3.1 RPI Standards
Shaded – Exceeds Table 3.1 ICC Standards

Table 3.0
Soil Quality - Volatile Organic Compounds & BTEX
Results of Soil Sampling
Uxbridge Community Hospital
Project No. 02310769.004

							1	2	3	4	5
Parameters	Table 1 RPI/ICC	Table 2.1 RPI	Table 2.1 ICC	Table 3.1 RPI	Table 3.1 ICC	SGS Lab Work Order	CA40160-JUN24 R	CA40160-JUN24 R	CA40160-JUN24 R	CA40160-JUN24 R	CA40160-JUN24 R
						Lab Sample Identification	CA40160-JUN24 R - 10	CA40160-JUN24 R - 11	CA40160-JUN24 R - 12	CA40160-JUN24 R - 13	CA40160-JUN24 R - 14
						Sampling Date	18-Jun-24	18-Jun-24	17-Jun-24	17-Jun-24	17-Jun-24
						Sample Identification	BH 24-1/SS1	BH 24-1/SS5	BH 24-2/SS2	BH 24-2/SS4	BH 24-2/SS5
						Unit					
VOCs											
Acetone	0.5	0.5	0.5	1.8	1.8	µg/g	< 0.5	< 0.5	< 0.5	---	< 0.5
Bromomethane	0.05	0.05	0.05	0.05	0.05	µg/g	< 0.05	< 0.05	< 0.05	---	< 0.05
Carbon tetrachloride	0.05	0.05	0.05	0.05	0.05	µg/g	< 0.05	< 0.05	< 0.05	---	< 0.05
Chlorobenzene	0.05	0.083	0.083	0.28	0.28	µg/g	< 0.05	< 0.05	< 0.05	---	< 0.05
Chloroform	0.05	0.05	0.05	0.08	0.26	µg/g	< 0.05	< 0.05	< 0.05	---	< 0.05
1,2-Dichlorobenzene	0.05	3.4	6.8	3.4	6.8	µg/g	< 0.05	< 0.05	< 0.05	---	< 0.05
1,3-Dichlorobenzene	0.05	0.26	0.26	4.8	6.8	µg/g	< 0.05	< 0.05	< 0.05	---	< 0.05
1,4-Dichlorobenzene	0.05	0.05	0.05	0.05	0.05	µg/g	< 0.05	< 0.05	< 0.05	---	< 0.05
Dichlorodifluoromethane	0.05	1.5	1.5	1.8	1.8	µg/g	< 0.05	< 0.05	< 0.05	---	< 0.05
1,1-Dichloroethane	0.05	0.05	0.05	0.14	0.57	µg/g	< 0.05	< 0.05	< 0.05	---	< 0.05
1,2-Dichloroethane	0.05	0.05	0.05	0.05	0.05	µg/g	< 0.05	< 0.05	< 0.05	---	< 0.05
1,1-Dichloroethylene	0.05	0.05	0.05	0.05	0.05	µg/g	< 0.05	< 0.05	< 0.05	---	< 0.05
trans-1,2-Dichloroethylene	0.05	0.05	0.05	0.05	0.05	µg/g	< 0.05	< 0.05	< 0.05	---	< 0.05
cis-1,2-Dichloroethylene	0.05	0.05	0.05	0.05	0.05	µg/g	< 0.05	< 0.05	< 0.05	---	< 0.05
1,2-Dichloropropane	0.05	0.05	0.05	0.05	0.05	µg/g	< 0.05	< 0.05	< 0.05	---	< 0.05
cis-1,3-dichloropropene						µg/g	< 0.03	< 0.03	< 0.03	---	< 0.03
trans-1,3-dichloropropene						µg/g	< 0.03	< 0.03	< 0.03	---	< 0.03
1,3-dichloropropene (total)	0.05	0.05	0.05	0.05	0.05	µg/g	< 0.05	< 0.05	< 0.05	---	< 0.05
Ethylenedibromide	0.05	0.05	0.05	0.05	0.05	µg/g	< 0.05	< 0.05	< 0.05	---	< 0.05
n-Hexane	0.05	2.5	2.5	2.5	2.5	µg/g	< 0.05	< 0.05	< 0.05	---	< 0.05
Methyl ethyl ketone	0.5	0.5	0.5	14	26	µg/g	< 0.5	< 0.5	< 0.5	---	< 0.5
Methyl isobutyl ketone	0.5	0.5	0.5	0.89	17	µg/g	< 0.5	< 0.5	< 0.5	---	< 0.5
Methyl-t-butyl Ether	0.05	0.05	0.05	0.05	0.05	µg/g	< 0.05	< 0.05	< 0.05	---	< 0.05
Methylene Chloride	0.05	0.05	0.05	0.06	0.2	µg/g	< 0.05	< 0.05	< 0.05	---	< 0.05
Styrene	0.05	0.05	0.05	0.5	6.8	µg/g	< 0.05	< 0.05	< 0.05	---	< 0.05
Tetrachloroethylene	0.05	0.05	0.05	0.05	0.05	µg/g	< 0.05	< 0.05	< 0.05	---	< 0.05
1,1,1,2-Tetrachloroethane	0.05	0.05	0.05	0.05	0.05	µg/g	< 0.05	< 0.05	< 0.05	---	< 0.05
1,1,2,2-Tetrachloroethane	0.05	0.05	0.05	0.05	0.05	µg/g	< 0.05	< 0.05	< 0.05	---	< 0.05
1,1,1-Trichloroethane	0.05	0.11	0.12	0.11	0.4	µg/g	< 0.05	< 0.05	< 0.05	---	< 0.05
1,1,2-Trichloroethane	0.05	0.05	0.05	0.05	0.05	µg/g	< 0.05	< 0.05	< 0.05	---	< 0.05
Trichloroethylene	0.05	0.05	0.05	0.05	0.05	µg/g	< 0.05	< 0.05	< 0.05	---	< 0.05
Trichlorofluoromethane	0.25	0.25	0.25	0.46	0.46	µg/g	< 0.05	< 0.05	< 0.05	---	< 0.05
Vinyl Chloride	0.02	0.02	0.02	0.02	0.02	µg/g	< 0.02	< 0.02	< 0.02	---	< 0.02
THMs (VOC)											
Bromodichloromethane	0.05	0.05	0.05	5.8	5.8	µg/g	< 0.05	< 0.05	< 0.05	---	< 0.05
Bromoform	0.05	0.05	0.05	2.5	2.5	µg/g	< 0.05	< 0.05	< 0.05	---	< 0.05
Dibromochloromethane	0.05	0.05	0.05	5.5	5.5	µg/g	< 0.05	< 0.05	< 0.05	---	< 0.05
BTEX											
Benzene	0.02	0.02	0.02	0.02	0.034	µg/g	< 0.02	< 0.02	< 0.02	---	< 0.02
Ethylbenzene	0.05	0.05	0.05	1.9	1.9	µg/g	< 0.05	< 0.05	< 0.05	---	< 0.05
Toluene	0.2	0.2	0.2	0.99	7.8	µg/g	< 0.05	< 0.05	< 0.05	---	< 0.05
Xylene (total)	0.05	0.091	0.091	0.9	3	µg/g	< 0.05	< 0.05	< 0.05	---	< 0.05
m/p-xylene						µg/g	< 0.05	< 0.05	< 0.05	---	< 0.05
o-xylene						µg/g	< 0.05	< 0.05	< 0.05	---	< 0.05

Notes
Bold – Exceeds Table 1 Standards
Underline – Exceeds Table 3.1 RPI Standards
Shaded – Exceeds Table 3.1 ICC Standards

Table 3.0
Soil Quality - Volatile Organic Compounds & BTEX
Results of Soil Sampling
Uxbridge Community Hospital
Project No. 02310769.004

							6	7	8	9	10
Parameters	Table 1 RPI/ICC	Table 2.1 RPI	Table 2.1 ICC	Table 3.1 RPI	Table 3.1 ICC	SGS Lab Work Order	CA40160-JUN24 R	CA40160-JUN24 R	CA40160-JUN24 R	CA40160-JUN24 R	CA40160-JUN24 R
						Lab Sample Identification	CA40160-JUN24 R - 15	CA40160-JUN24 R - 16	CA40160-JUN24 R - 17	CA40160-JUN24 R - 18	CA40160-JUN24 R - 19
						Sampling Date	17-Jun-24	17-Jun-24	17-Jun-24	17-Jun-24	18-Jun-24
						Sample Identification	BH 24-3/SS1	BH 24-3/SS4	BH 24-4/SS1	BH 24-4/SS5	BH 24-5/SS1
						Unit					
VOCs											
Acetone	0.5	0.5	0.5	1.8	1.8	µg/g	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Bromomethane	0.05	0.05	0.05	0.05	0.05	µg/g	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Carbon tetrachloride	0.05	0.05	0.05	0.05	0.05	µg/g	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Chlorobenzene	0.05	0.083	0.083	0.28	0.28	µg/g	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Chloroform	0.05	0.05	0.05	0.08	0.26	µg/g	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
1,2-Dichlorobenzene	0.05	3.4	6.8	3.4	6.8	µg/g	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
1,3-Dichlorobenzene	0.05	0.26	0.26	4.8	6.8	µg/g	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
1,4-Dichlorobenzene	0.05	0.05	0.05	0.05	0.05	µg/g	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Dichlorodifluoromethane	0.05	1.5	1.5	1.8	1.8	µg/g	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
1,1-Dichloroethane	0.05	0.05	0.05	0.14	0.57	µg/g	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
1,2-Dichloroethane	0.05	0.05	0.05	0.05	0.05	µg/g	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
1,1-Dichloroethylene	0.05	0.05	0.05	0.05	0.05	µg/g	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
trans-1,2-Dichloroethylene	0.05	0.05	0.05	0.05	0.05	µg/g	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
cis-1,2-Dichloroethylene	0.05	0.05	0.05	0.05	0.05	µg/g	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
1,2-Dichloropropane	0.05	0.05	0.05	0.05	0.05	µg/g	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
cis-1,3-dichloropropene						µg/g	< 0.03	< 0.03	< 0.03	< 0.03	< 0.03
trans-1,3-dichloropropene						µg/g	< 0.03	< 0.03	< 0.03	< 0.03	< 0.03
1,3-dichloropropene (total)	0.05	0.05	0.05	0.05	0.05	µg/g	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Ethylenedibromide	0.05	0.05	0.05	0.05	0.05	µg/g	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
n-Hexane	0.05	2.5	2.5	2.5	2.5	µg/g	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Methyl ethyl ketone	0.5	0.5	0.5	14	26	µg/g	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Methyl isobutyl ketone	0.5	0.5	0.5	0.89	17	µg/g	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Methyl-t-butyl Ether	0.05	0.05	0.05	0.05	0.05	µg/g	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Methylene Chloride	0.05	0.05	0.05	0.06	0.2	µg/g	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Styrene	0.05	0.05	0.05	0.5	6.8	µg/g	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Tetrachloroethylene	0.05	0.05	0.05	0.05	0.05	µg/g	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
1,1,1,2-Tetrachloroethane	0.05	0.05	0.05	0.05	0.05	µg/g	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
1,1,2,2-Tetrachloroethane	0.05	0.05	0.05	0.05	0.05	µg/g	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
1,1,1-Trichloroethane	0.05	0.11	0.12	0.11	0.4	µg/g	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
1,1,2-Trichloroethane	0.05	0.05	0.05	0.05	0.05	µg/g	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Trichloroethylene	0.05	0.05	0.05	0.05	0.05	µg/g	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Trichlorofluoromethane	0.25	0.25	0.25	0.46	0.46	µg/g	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Vinyl Chloride	0.02	0.02	0.02	0.02	0.02	µg/g	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02
THMs (VOC)											
Bromodichloromethane	0.05	0.05	0.05	5.8	5.8	µg/g	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Bromoform	0.05	0.05	0.05	2.5	2.5	µg/g	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Dibromochloromethane	0.05	0.05	0.05	5.5	5.5	µg/g	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
BTEX											
Benzene	0.02	0.02	0.02	0.02	0.034	µg/g	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02
Ethylbenzene	0.05	0.05	0.05	1.9	1.9	µg/g	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Toluene	0.2	0.2	0.2	0.99	7.8	µg/g	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Xylene (total)	0.05	0.091	0.091	0.9	3	µg/g	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
m/p-xylene						µg/g	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
o-xylene						µg/g	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05

Notes
Bold – Exceeds Table 1 Standards
Underline – Exceeds Table 3.1 RPI Standards
Shaded – Exceeds Table 3.1 ICC Standards

Table 3.0
Soil Quality - Volatile Organic Compounds & BTEX
Results of Soil Sampling
Uxbridge Community Hospital
Project No. 02310769.004

							11	12	13	14	15
Parameters	Table 1 RPI/ICC	Table 2.1 RPI	Table 2.1 ICC	Table 3.1 RPI	Table 3.1 ICC	SGS Lab Work Order	CA40160-JUN24 R	CA40160-JUN24 R	CA40160-JUN24 R	CA40160-JUN24 R	CA40160-JUN24 R
						Lab Sample Identification	CA40160-JUN24 R - 20	CA40160-JUN24 R - 21	CA40160-JUN24 R - 22	CA40160-JUN24 R - 23	CA40160-JUN24 R - 24
						Sampling Date	18-Jun-24	18-Jun-24	18-Jun-24	18-Jun-24	19-Jun-24
						Sample Identification	BH 24-5/SS5	BH 24-6/SS2	BH 24-7/SS3	BH 24-7/SS6	BH 24-8/SS2
						Unit					
VOCs											
Acetone	0.5	0.5	0.5	1.8	1.8	µg/g	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Bromomethane	0.05	0.05	0.05	0.05	0.05	µg/g	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Carbon tetrachloride	0.05	0.05	0.05	0.05	0.05	µg/g	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Chlorobenzene	0.05	0.083	0.083	0.28	0.28	µg/g	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Chloroform	0.05	0.05	0.05	0.08	0.26	µg/g	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
1,2-Dichlorobenzene	0.05	3.4	6.8	3.4	6.8	µg/g	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
1,3-Dichlorobenzene	0.05	0.26	0.26	4.8	6.8	µg/g	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
1,4-Dichlorobenzene	0.05	0.05	0.05	0.05	0.05	µg/g	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Dichlorodifluoromethane	0.05	1.5	1.5	1.8	1.8	µg/g	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
1,1-Dichloroethane	0.05	0.05	0.05	0.14	0.57	µg/g	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
1,2-Dichloroethane	0.05	0.05	0.05	0.05	0.05	µg/g	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
1,1-Dichloroethylene	0.05	0.05	0.05	0.05	0.05	µg/g	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
trans-1,2-Dichloroethylene	0.05	0.05	0.05	0.05	0.05	µg/g	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
cis-1,2-Dichloroethylene	0.05	0.05	0.05	0.05	0.05	µg/g	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
1,2-Dichloropropane	0.05	0.05	0.05	0.05	0.05	µg/g	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
cis-1,3-dichloropropene						µg/g	< 0.03	< 0.03	< 0.03	< 0.03	< 0.03
trans-1,3-dichloropropene						µg/g	< 0.03	< 0.03	< 0.03	< 0.03	< 0.03
1,3-dichloropropene (total)	0.05	0.05	0.05	0.05	0.05	µg/g	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Ethylenedibromide	0.05	0.05	0.05	0.05	0.05	µg/g	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
n-Hexane	0.05	2.5	2.5	2.5	2.5	µg/g	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Methyl ethyl ketone	0.5	0.5	0.5	14	26	µg/g	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Methyl isobutyl ketone	0.5	0.5	0.5	0.89	17	µg/g	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Methyl-t-butyl Ether	0.05	0.05	0.05	0.05	0.05	µg/g	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Methylene Chloride	0.05	0.05	0.05	0.06	0.2	µg/g	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Styrene	0.05	0.05	0.05	0.5	6.8	µg/g	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Tetrachloroethylene	0.05	0.05	0.05	0.05	0.05	µg/g	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
1,1,1,2-Tetrachloroethane	0.05	0.05	0.05	0.05	0.05	µg/g	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
1,1,2,2-Tetrachloroethane	0.05	0.05	0.05	0.05	0.05	µg/g	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
1,1,1-Trichloroethane	0.05	0.11	0.12	0.11	0.4	µg/g	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
1,1,2-Trichloroethane	0.05	0.05	0.05	0.05	0.05	µg/g	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Trichloroethylene	0.05	0.05	0.05	0.05	0.05	µg/g	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Trichlorofluoromethane	0.25	0.25	0.25	0.46	0.46	µg/g	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Vinyl Chloride	0.02	0.02	0.02	0.02	0.02	µg/g	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02
THMs (VOC)											
Bromodichloromethane	0.05	0.05	0.05	5.8	5.8	µg/g	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Bromoform	0.05	0.05	0.05	2.5	2.5	µg/g	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Dibromochloromethane	0.05	0.05	0.05	5.5	5.5	µg/g	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
BTEX											
Benzene	0.02	0.02	0.02	0.02	0.034	µg/g	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02
Ethylbenzene	0.05	0.05	0.05	1.9	1.9	µg/g	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Toluene	0.2	0.2	0.2	0.99	7.8	µg/g	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Xylene (total)	0.05	0.091	0.091	0.9	3	µg/g	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
m/p-xylene						µg/g	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
o-xylene						µg/g	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05

Notes
Bold – Exceeds Table 1 Standards
Underline – Exceeds Table 3.1 RPI Standards
Shaded – Exceeds Table 3.1 ICC Standards

Table 3.0
Soil Quality - Volatile Organic Compounds & BTEX
Results of Soil Sampling
Uxbridge Community Hospital
Project No. 02310769.004

							16	17	18	19	20
Parameters	Table 1 RPI/ICC	Table 2.1 RPI	Table 2.1 ICC	Table 3.1 RPI	Table 3.1 ICC	SGS Lab Work Order	CA40160-JUN24 R	CA40160-JUN24 R	CA40160-JUN24 R	CA40160-JUN24 R	CA40160-JUN24 R
						Lab Sample Identification	CA40160-JUN24 R - 25	CA40160-JUN24 R - 26	CA40160-JUN24 R - 27	CA40160-JUN24 R - 28	CA40160-JUN24 R - 29
						Sampling Date	19-Jun-24	19-Jun-24	19-Jun-24	20-Jun-24	20-Jun-24
						Sample Identification	BH 24-8/SS5	BH 24-9/SS2	BH 24-10/SS3	BH 24-11/SS2	BH 24-12/SS1
						Unit					
VOCs											
Acetone	0.5	0.5	0.5	1.8	1.8	µg/g	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Bromomethane	0.05	0.05	0.05	0.05	0.05	µg/g	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Carbon tetrachloride	0.05	0.05	0.05	0.05	0.05	µg/g	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Chlorobenzene	0.05	0.083	0.083	0.28	0.28	µg/g	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Chloroform	0.05	0.05	0.05	0.08	0.26	µg/g	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
1,2-Dichlorobenzene	0.05	3.4	6.8	3.4	6.8	µg/g	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
1,3-Dichlorobenzene	0.05	0.26	0.26	4.8	6.8	µg/g	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
1,4-Dichlorobenzene	0.05	0.05	0.05	0.05	0.05	µg/g	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Dichlorodifluoromethane	0.05	1.5	1.5	1.8	1.8	µg/g	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
1,1-Dichloroethane	0.05	0.05	0.05	0.14	0.57	µg/g	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
1,2-Dichloroethane	0.05	0.05	0.05	0.05	0.05	µg/g	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
1,1-Dichloroethylene	0.05	0.05	0.05	0.05	0.05	µg/g	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
trans-1,2-Dichloroethylene	0.05	0.05	0.05	0.05	0.05	µg/g	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
cis-1,2-Dichloroethylene	0.05	0.05	0.05	0.05	0.05	µg/g	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
1,2-Dichloropropane	0.05	0.05	0.05	0.05	0.05	µg/g	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
cis-1,3-dichloropropene						µg/g	< 0.03	< 0.03	< 0.03	< 0.03	< 0.03
trans-1,3-dichloropropene						µg/g	< 0.03	< 0.03	< 0.03	< 0.03	< 0.03
1,3-dichloropropene (total)	0.05	0.05	0.05	0.05	0.05	µg/g	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Ethylenedibromide	0.05	0.05	0.05	0.05	0.05	µg/g	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
n-Hexane	0.05	2.5	2.5	2.5	2.5	µg/g	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Methyl ethyl ketone	0.5	0.5	0.5	14	26	µg/g	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Methyl isobutyl ketone	0.5	0.5	0.5	0.89	17	µg/g	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Methyl-t-butyl Ether	0.05	0.05	0.05	0.05	0.05	µg/g	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Methylene Chloride	0.05	0.05	0.05	0.06	0.2	µg/g	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Styrene	0.05	0.05	0.05	0.5	6.8	µg/g	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Tetrachloroethylene	0.05	0.05	0.05	0.05	0.05	µg/g	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
1,1,1,2-Tetrachloroethane	0.05	0.05	0.05	0.05	0.05	µg/g	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
1,1,2,2-Tetrachloroethane	0.05	0.05	0.05	0.05	0.05	µg/g	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
1,1,1-Trichloroethane	0.05	0.11	0.12	0.11	0.4	µg/g	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
1,1,2-Trichloroethane	0.05	0.05	0.05	0.05	0.05	µg/g	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Trichloroethylene	0.05	0.05	0.05	0.05	0.05	µg/g	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Trichlorofluoromethane	0.25	0.25	0.25	0.46	0.46	µg/g	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Vinyl Chloride	0.02	0.02	0.02	0.02	0.02	µg/g	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02
THMs (VOC)											
Bromodichloromethane	0.05	0.05	0.05	5.8	5.8	µg/g	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Bromoform	0.05	0.05	0.05	2.5	2.5	µg/g	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Dibromochloromethane	0.05	0.05	0.05	5.5	5.5	µg/g	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
BTEX											
Benzene	0.02	0.02	0.02	0.02	0.034	µg/g	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02
Ethylbenzene	0.05	0.05	0.05	1.9	1.9	µg/g	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Toluene	0.2	0.2	0.2	0.99	7.8	µg/g	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Xylene (total)	0.05	0.091	0.091	0.9	3	µg/g	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
m/p-xylene						µg/g	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
o-xylene						µg/g	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05

Notes
Bold – Exceeds Table 1 Standards
Underline – Exceeds Table 3.1 RPI Standards
Shaded – Exceeds Table 3.1 ICC Standards

Table 3.0
Soil Quality - Volatile Organic Compounds & BTEX
Results of Soil Sampling
Uxbridge Community Hospital
Project No. 02310769.004

							21	22	23	24	25
Parameters	Table 1 RPI/ICC	Table 2.1 RPI	Table 2.1 ICC	Table 3.1 RPI	Table 3.1 ICC	SGS Lab Work Order	CA40160-JUN24 R	CA40160-JUN24 R	CA40160-JUN24 R	CA40160-JUN24 R	CA40160-JUN24 R
						Lab Sample Identification	CA40160-JUN24 R - 30	CA40160-JUN24 R - 31	CA40160-JUN24 R - 32	CA40160-JUN24 R - 33	CA40160-JUN24 R - 34
						Sampling Date	20-Jun-24	20-Jun-24	20-Jun-24	20-Jun-24	20-Jun-24
						Sample Identification	BH 24-12/SS4	BH 24-13/SS3	BH 24-14/SS1	BH 24-14/SS4	BH 24-15/SS3
						Unit					
VOCs											
Acetone	0.5	0.5	0.5	1.8	1.8	µg/g	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Bromomethane	0.05	0.05	0.05	0.05	0.05	µg/g	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Carbon tetrachloride	0.05	0.05	0.05	0.05	0.05	µg/g	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Chlorobenzene	0.05	0.083	0.083	0.28	0.28	µg/g	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Chloroform	0.05	0.05	0.05	0.08	0.26	µg/g	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
1,2-Dichlorobenzene	0.05	3.4	6.8	3.4	6.8	µg/g	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
1,3-Dichlorobenzene	0.05	0.26	0.26	4.8	6.8	µg/g	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
1,4-Dichlorobenzene	0.05	0.05	0.05	0.05	0.05	µg/g	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Dichlorodifluoromethane	0.05	1.5	1.5	1.8	1.8	µg/g	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
1,1-Dichloroethane	0.05	0.05	0.05	0.14	0.57	µg/g	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
1,2-Dichloroethane	0.05	0.05	0.05	0.05	0.05	µg/g	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
1,1-Dichloroethylene	0.05	0.05	0.05	0.05	0.05	µg/g	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
trans-1,2-Dichloroethylene	0.05	0.05	0.05	0.05	0.05	µg/g	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
cis-1,2-Dichloroethylene	0.05	0.05	0.05	0.05	0.05	µg/g	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
1,2-Dichloropropane	0.05	0.05	0.05	0.05	0.05	µg/g	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
cis-1,3-dichloropropene						µg/g	< 0.03	< 0.03	< 0.03	< 0.03	< 0.03
trans-1,3-dichloropropene						µg/g	< 0.03	< 0.03	< 0.03	< 0.03	< 0.03
1,3-dichloropropene (total)	0.05	0.05	0.05	0.05	0.05	µg/g	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Ethylenedibromide	0.05	0.05	0.05	0.05	0.05	µg/g	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
n-Hexane	0.05	2.5	2.5	2.5	2.5	µg/g	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Methyl ethyl ketone	0.5	0.5	0.5	14	26	µg/g	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Methyl isobutyl ketone	0.5	0.5	0.5	0.89	17	µg/g	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Methyl-t-butyl Ether	0.05	0.05	0.05	0.05	0.05	µg/g	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Methylene Chloride	0.05	0.05	0.05	0.06	0.2	µg/g	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Styrene	0.05	0.05	0.05	0.5	6.8	µg/g	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Tetrachloroethylene	0.05	0.05	0.05	0.05	0.05	µg/g	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
1,1,1,2-Tetrachloroethane	0.05	0.05	0.05	0.05	0.05	µg/g	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
1,1,2,2-Tetrachloroethane	0.05	0.05	0.05	0.05	0.05	µg/g	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
1,1,1-Trichloroethane	0.05	0.11	0.12	0.11	0.4	µg/g	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
1,1,2-Trichloroethane	0.05	0.05	0.05	0.05	0.05	µg/g	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Trichloroethylene	0.05	0.05	0.05	0.05	0.05	µg/g	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Trichlorofluoromethane	0.25	0.25	0.25	0.46	0.46	µg/g	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Vinyl Chloride	0.02	0.02	0.02	0.02	0.02	µg/g	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02
THMs (VOC)											
Bromodichloromethane	0.05	0.05	0.05	5.8	5.8	µg/g	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Bromoform	0.05	0.05	0.05	2.5	2.5	µg/g	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Dibromochloromethane	0.05	0.05	0.05	5.5	5.5	µg/g	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
BTEX											
Benzene	0.02	0.02	0.02	0.02	0.034	µg/g	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02
Ethylbenzene	0.05	0.05	0.05	1.9	1.9	µg/g	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Toluene	0.2	0.2	0.2	0.99	7.8	µg/g	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Xylene (total)	0.05	0.091	0.091	0.9	3	µg/g	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
m/p-xylene						µg/g	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
o-xylene						µg/g	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05

Notes
Bold – Exceeds Table 1 Standards
Underline – Exceeds Table 3.1 RPI Standards
Shaded – Exceeds Table 3.1 ICC Standards

Table 3.0
Soil Quality - Volatile Organic Compounds & BTEX
Results of Soil Sampling
Uxbridge Community Hospital
Project No. 02310769.004

							26	27	28	29	30
Parameters	Table 1 RPI/ICC	Table 2.1 RPI	Table 2.1 ICC	Table 3.1 RPI	Table 3.1 ICC	SGS Lab Work Order	CA40160-JUN24 R	CA40160-JUN24 R	CA40160-JUN24 R	CA40160-JUN24 R	CA40160-JUN24 R
						Lab Sample Identification	CA40160-JUN24 R - 35	CA40160-JUN24 R - 36	CA40160-JUN24 R - 37	CA40160-JUN24 R - 38	CA40160-JUN24 R - 39
						Sampling Date	19-Jun-24	19-Jun-24	19-Jun-24	17-Jun-24	17-Jun-24
						Sample Identification	BH 24-16/SS1	BH 24-16/SS3	BH 24-16/SS4	BH 24-17/SS1	BH 24-17/SS2
						Unit					
VOCs											
Acetone	0.5	0.5	0.5	1.8	1.8	µg/g	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Bromomethane	0.05	0.05	0.05	0.05	0.05	µg/g	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Carbon tetrachloride	0.05	0.05	0.05	0.05	0.05	µg/g	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Chlorobenzene	0.05	0.083	0.083	0.28	0.28	µg/g	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Chloroform	0.05	0.05	0.05	0.08	0.26	µg/g	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
1,2-Dichlorobenzene	0.05	3.4	6.8	3.4	6.8	µg/g	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
1,3-Dichlorobenzene	0.05	0.26	0.26	4.8	6.8	µg/g	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
1,4-Dichlorobenzene	0.05	0.05	0.05	0.05	0.05	µg/g	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Dichlorodifluoromethane	0.05	1.5	1.5	1.8	1.8	µg/g	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
1,1-Dichloroethane	0.05	0.05	0.05	0.14	0.57	µg/g	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
1,2-Dichloroethane	0.05	0.05	0.05	0.05	0.05	µg/g	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
1,1-Dichloroethylene	0.05	0.05	0.05	0.05	0.05	µg/g	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
trans-1,2-Dichloroethylene	0.05	0.05	0.05	0.05	0.05	µg/g	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
cis-1,2-Dichloroethylene	0.05	0.05	0.05	0.05	0.05	µg/g	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
1,2-Dichloropropane	0.05	0.05	0.05	0.05	0.05	µg/g	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
cis-1,3-dichloropropene						µg/g	< 0.03	< 0.03	< 0.03	< 0.03	< 0.03
trans-1,3-dichloropropene						µg/g	< 0.03	< 0.03	< 0.03	< 0.03	< 0.03
1,3-dichloropropene (total)	0.05	0.05	0.05	0.05	0.05	µg/g	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Ethylenedibromide	0.05	0.05	0.05	0.05	0.05	µg/g	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
n-Hexane	0.05	2.5	2.5	2.5	2.5	µg/g	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Methyl ethyl ketone	0.5	0.5	0.5	14	26	µg/g	< 0.5	< 0.5	< 0.5	**< 0.5**	< 0.5
Methyl isobutyl ketone	0.5	0.5	0.5	0.89	17	µg/g	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Methyl-t-butyl Ether	0.05	0.05	0.05	0.05	0.05	µg/g	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Methylene Chloride	0.05	0.05	0.05	0.06	0.2	µg/g	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Styrene	0.05	0.05	0.05	0.5	6.8	µg/g	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Tetrachloroethylene	0.05	0.05	0.05	0.05	0.05	µg/g	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
1,1,1,2-Tetrachloroethane	0.05	0.05	0.05	0.05	0.05	µg/g	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
1,1,2,2-Tetrachloroethane	0.05	0.05	0.05	0.05	0.05	µg/g	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
1,1,1-Trichloroethane	0.05	0.11	0.12	0.11	0.4	µg/g	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
1,1,2-Trichloroethane	0.05	0.05	0.05	0.05	0.05	µg/g	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Trichloroethylene	0.05	0.05	0.05	0.05	0.05	µg/g	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Trichlorofluoromethane	0.25	0.25	0.25	0.46	0.46	µg/g	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Vinyl Chloride	0.02	0.02	0.02	0.02	0.02	µg/g	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02
THMs (VOC)											
Bromodichloromethane	0.05	0.05	0.05	5.8	5.8	µg/g	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Bromoform	0.05	0.05	0.05	2.5	2.5	µg/g	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Dibromochloromethane	0.05	0.05	0.05	5.5	5.5	µg/g	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
BTEX											
Benzene	0.02	0.02	0.02	0.02	0.034	µg/g	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02
Ethylbenzene	0.05	0.05	0.05	1.9	1.9	µg/g	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Toluene	0.2	0.2	0.2	0.99	7.8	µg/g	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Xylene (total)	0.05	0.091	0.091	0.9	3	µg/g	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
m/p-xylene						µg/g	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
o-xylene						µg/g	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05

Notes
Bold – Exceeds Table 1 Standards
Underline – Exceeds Table 3.1 RPI Standards
Shaded – Exceeds Table 3.1 ICC Standards

Table 3.0
Soil Quality - Volatile Organic Compounds & BTEX
Results of Soil Sampling
Uxbridge Community Hospital
Project No. 02310769.004

							31	32	33	34	35
Parameters	Table 1 RPI/ICC	Table 2.1 RPI	Table 2.1 ICC	Table 3.1 RPI	Table 3.1 ICC	SGS Lab Work Order	CA40160-JUN24 R	CA40160-JUN24 R	CA40160-JUN24 R	CA40160-JUN24 R	CA40160-JUN24 R
						Lab Sample Identification	CA40160-JUN24 R - 40	CA40160-JUN24 R - 41	CA40160-JUN24 R - 42	CA40160-JUN24 R - 43	CA40160-JUN24 R - 44
						Sampling Date	17-Jun-24	17-Jun-24	18-Jun-24	19-Jun-24	19-Jun-24
						Sample Identification	BH 24-17/SS4	DUP#1 - BH 24-3/SS1	DUP#2 - BH 24-5/SS1	DUP#3 - BH 24-16/SS1	DUP#4 - BH 24-10/SS3
						Unit					
VOCs											
Acetone	0.5	0.5	0.5	1.8	1.8	µg/g	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Bromomethane	0.05	0.05	0.05	0.05	0.05	µg/g	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Carbon tetrachloride	0.05	0.05	0.05	0.05	0.05	µg/g	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Chlorobenzene	0.05	0.083	0.083	0.28	0.28	µg/g	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Chloroform	0.05	0.05	0.05	0.08	0.26	µg/g	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
1,2-Dichlorobenzene	0.05	3.4	6.8	3.4	6.8	µg/g	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
1,3-Dichlorobenzene	0.05	0.26	0.26	4.8	6.8	µg/g	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
1,4-Dichlorobenzene	0.05	0.05	0.05	0.05	0.05	µg/g	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Dichlorodifluoromethane	0.05	1.5	1.5	1.8	1.8	µg/g	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
1,1-Dichloroethane	0.05	0.05	0.05	0.14	0.57	µg/g	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
1,2-Dichloroethane	0.05	0.05	0.05	0.05	0.05	µg/g	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
1,1-Dichloroethylene	0.05	0.05	0.05	0.05	0.05	µg/g	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
trans-1,2-Dichloroethylene	0.05	0.05	0.05	0.05	0.05	µg/g	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
cis-1,2-Dichloroethylene	0.05	0.05	0.05	0.05	0.05	µg/g	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
1,2-Dichloropropane	0.05	0.05	0.05	0.05	0.05	µg/g	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
cis-1,3-dichloropropene						µg/g	< 0.03	< 0.03	< 0.03	< 0.03	< 0.03
trans-1,3-dichloropropene						µg/g	< 0.03	< 0.03	< 0.03	< 0.03	< 0.03
1,3-dichloropropene (total)	0.05	0.05	0.05	0.05	0.05	µg/g	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Ethylenedibromide	0.05	0.05	0.05	0.05	0.05	µg/g	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
n-Hexane	0.05	2.5	2.5	2.5	2.5	µg/g	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Methyl ethyl ketone	0.5	0.5	0.5	14	26	µg/g	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Methyl isobutyl ketone	0.5	0.5	0.5	0.89	17	µg/g	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Methyl-t-butyl Ether	0.05	0.05	0.05	0.05	0.05	µg/g	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Methylene Chloride	0.05	0.05	0.05	0.06	0.2	µg/g	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Styrene	0.05	0.05	0.05	0.5	6.8	µg/g	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Tetrachloroethylene	0.05	0.05	0.05	0.05	0.05	µg/g	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
1,1,1,2-Tetrachloroethane	0.05	0.05	0.05	0.05	0.05	µg/g	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
1,1,2,2-Tetrachloroethane	0.05	0.05	0.05	0.05	0.05	µg/g	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
1,1,1-Trichloroethane	0.05	0.11	0.12	0.11	0.4	µg/g	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
1,1,2-Trichloroethane	0.05	0.05	0.05	0.05	0.05	µg/g	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Trichloroethylene	0.05	0.05	0.05	0.05	0.05	µg/g	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Trichlorofluoromethane	0.25	0.25	0.25	0.46	0.46	µg/g	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Vinyl Chloride	0.02	0.02	0.02	0.02	0.02	µg/g	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02
THMs (VOC)											
Bromodichloromethane	0.05	0.05	0.05	5.8	5.8	µg/g	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Bromoform	0.05	0.05	0.05	2.5	2.5	µg/g	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Dibromochloromethane	0.05	0.05	0.05	5.5	5.5	µg/g	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
BTEX											
Benzene	0.02	0.02	0.02	0.02	0.034	µg/g	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02
Ethylbenzene	0.05	0.05	0.05	1.9	1.9	µg/g	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Toluene	0.2	0.2	0.2	0.99	7.8	µg/g	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Xylene (total)	0.05	0.091	0.091	0.9	3	µg/g	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
m/p-xylene						µg/g	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
o-xylene						µg/g	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05

Notes
Bold – Exceeds Table 1 Standards
Underline – Exceeds Table 3.1 RPI Standards
Shaded – Exceeds Table 3.1 ICC Standards

Table 4.0
Soil Quality - Polycyclic Aromatic Hydrocarbons
Results of Soil Sampling
Uxbridge Community Hospital
Project No. 02310769.004

							1	2	3	4	5
Parameters	Table 1 RPI/ICC	Table 2.1 RPI	Table 2.1 ICC	Table 3.1 RPI	Table 3.1 ICC	SGS Lab Work Order	CA40160-JUN24 R	CA40160-JUN24 R	CA40160-JUN24 R	CA40160-JUN24 R	CA40160-JUN24 R
						Lab Sample Identification	CA40160-JUN24 R - 10	CA40160-JUN24 R - 11	CA40160-JUN24 R - 12	CA40160-JUN24 R - 13	CA40160-JUN24 R - 14
						Sampling Date	18-Jun-24	18-Jun-24	17-Jun-24	17-Jun-24	17-Jun-24
						Sample Identification	BH 24-1/SS1	BH 24-1/SS5	BH 24-2/SS2	BH 24-2/SS4	BH 24-2/SS5
						Unit					
PAH											
Acenaphthene	0.072	2.5	2.5	14	15	µg/g	< 0.05	< 0.05	< 0.05	< 0.05	---
Acenaphthylene	0.093	0.093	0.093	0.093	0.093	µg/g	< 0.05	< 0.05	< 0.05	< 0.05	---
Anthracene	0.16	0.16	0.16	0.16	0.16	µg/g	< 0.05	< 0.05	< 0.05	< 0.05	---
Benzo(a)anthracene	0.36	0.50	0.92	0.5	1	µg/g	< 0.05	< 0.05	< 0.05	< 0.05	---
Benzo(a)pyrene	0.3	0.31	0.31	0.57	0.7	µg/g	< 0.05	< 0.05	< 0.05	< 0.05	---
Benzo(b)fluoranthene	0.47	3.2	3.20	5.7	7	µg/g	< 0.05	< 0.05	< 0.05	< 0.05	---
Benzo(ghi)perylene	0.68	6.6	13	6.6	13	µg/g	< 0.1	< 0.1	< 0.1	< 0.1	---
Benzo(k)fluoranthene	0.48	3.1	3.1	5.7	7	µg/g	< 0.05	< 0.05	< 0.05	< 0.05	---
Chrysene	2.8	7	9.4	7	14	µg/g	< 0.05	< 0.05	< 0.05	< 0.05	---
Dibenzo(a,h)anthracene	0.1	0.57	0.7	0.57	0.7	µg/g	< 0.06	< 0.06	< 0.06	< 0.06	---
Fluoranthene	0.56	0.69	2.8	0.69	70	µg/g	< 0.05	< 0.05	< 0.05	< 0.05	---
Fluorene	0.12	6.8	6.80	6.8	6.8	µg/g	< 0.05	< 0.05	< 0.05	< 0.05	---
Indeno(1,2,3-cd)pyrene	0.23	0.38	0.76	0.38	0.76	µg/g	< 0.1	< 0.1	< 0.1	< 0.1	---
1-Methylnaphthalene	0.59	0.59	0.59	0.92	8.7	µg/g	< 0.05	< 0.05	< 0.05	< 0.05	---
2-Methylnaphthalene	0.59	0.59	0.59	0.92	8.7	µg/g	< 0.05	< 0.05	< 0.05	< 0.05	---
Methylnaphthalene, 2-(1-)	0.59	0.59	0.59	0.92	8.7	µg/g	< 0.05	< 0.05	< 0.05	< 0.05	---
Naphthalene	0.09	0.2	0.2	0.59	1.8	µg/g	< 0.05	< 0.05	< 0.05	< 0.05	---
Phenanthrene	0.69	6.2	12	6.2	12	µg/g	< 0.05	< 0.05	< 0.05	< 0.05	---
Pyrene	1	28	28	70	70	µg/g	< 0.05	< 0.05	< 0.05	< 0.05	---

Notes
Bold – Exceeds Table 1 Standards
Underline – Exceeds Table 3.1 RPI Standards
Shaded – Exceeds Table 3.1 ICC Standards

Table 4.0
Soil Quality - Polycyclic Aromatic Hydrocarbons
Results of Soil Sampling
Uxbridge Community Hospital
Project No. 02310769.004

							6	7	8	9	10
Parameters	Table 1 RPI/ICC	Table 2.1 RPI	Table 2.1 ICC	Table 3.1 RPI	Table 3.1 ICC	SGS Lab Work Order	CA40160-JUN24 R	CA40160-JUN24 R	CA40160-JUN24 R	CA40160-JUN24 R	CA40160-JUN24 R
						Lab Sample Identification	CA40160-JUN24 R - 15	CA40160-JUN24 R - 16	CA40160-JUN24 R - 17	CA40160-JUN24 R - 18	CA40160-JUN24 R - 19
						Sampling Date	17-Jun-24	17-Jun-24	17-Jun-24	17-Jun-24	18-Jun-24
						Sample Identification	BH 24-3/SS1	BH 24-3/SS4	BH 24-4/SS1	BH 24-4/SS5	BH 24-5/SS1
						Unit					
PAH											
Acenaphthene	0.072	2.5	2.5	14	15	µg/g	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Acenaphthylene	0.093	0.093	0.093	0.093	0.093	µg/g	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Anthracene	0.16	0.16	0.16	0.16	0.16	µg/g	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Benzo(a)anthracene	0.36	0.50	0.92	0.5	1	µg/g	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Benzo(a)pyrene	0.3	0.31	0.31	0.57	0.7	µg/g	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Benzo(b)fluoranthene	0.47	3.2	3.20	5.7	7	µg/g	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Benzo(ghi)perylene	0.68	6.6	13	6.6	13	µg/g	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Benzo(k)fluoranthene	0.48	3.1	3.1	5.7	7	µg/g	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Chrysene	2.8	7	9.4	7	14	µg/g	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Dibenzo(a,h)anthracene	0.1	0.57	0.7	0.57	0.7	µg/g	< 0.06	< 0.06	< 0.06	< 0.06	< 0.06
Fluoranthene	0.56	0.69	2.8	0.69	70	µg/g	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Fluorene	0.12	6.8	6.80	6.8	6.8	µg/g	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Indeno(1,2,3-cd)pyrene	0.23	0.38	0.76	0.38	0.76	µg/g	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
1-Methylnaphthalene	0.59	0.59	0.59	0.92	8.7	µg/g	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
2-Methylnaphthalene	0.59	0.59	0.59	0.92	8.7	µg/g	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Methylnaphthalene, 2-(1-)	0.59	0.59	0.59	0.92	8.7	µg/g	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Naphthalene	0.09	0.2	0.2	0.59	1.8	µg/g	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Phenanthrene	0.69	6.2	12	6.2	12	µg/g	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Pyrene	1	28	28	70	70	µg/g	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05

Notes
Bold – Exceeds Table 1 Standards
Underline – Exceeds Table 3.1 RPI Standards
Shaded – Exceeds Table 3.1 ICC Standards

Table 4.0
Soil Quality - Polycyclic Aromatic Hydrocarbons
Results of Soil Sampling
Uxbridge Community Hospital
Project No. 02310769.004

							11	12	13	14	15
Parameters	Table 1 RPI/ICC	Table 2.1 RPI	Table 2.1 ICC	Table 3.1 RPI	Table 3.1 ICC	SGS Lab Work Order	CA40160-JUN24 R	CA40160-JUN24 R	CA40160-JUN24 R	CA40160-JUN24 R	CA40160-JUN24 R
						Lab Sample Identification	CA40160-JUN24 R - 20	CA40160-JUN24 R - 21	CA40160-JUN24 R - 22	CA40160-JUN24 R - 23	CA40160-JUN24 R - 24
						Sampling Date	18-Jun-24	18-Jun-24	18-Jun-24	18-Jun-24	19-Jun-24
						Sample Identification	BH 24-5/SS5	BH 24-6/SS2	BH 24-7/SS3	BH 24-7/SS6	BH 24-8/SS2
						Unit					
PAH											
Acenaphthene	0.072	2.5	2.5	14	15	µg/g	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Acenaphthylene	0.093	0.093	0.093	0.093	0.093	µg/g	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Anthracene	0.16	0.16	0.16	0.16	0.16	µg/g	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Benzo(a)anthracene	0.36	0.50	0.92	0.5	1	µg/g	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Benzo(a)pyrene	0.3	0.31	0.31	0.57	0.7	µg/g	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Benzo(b)fluoranthene	0.47	3.2	3.20	5.7	7	µg/g	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Benzo(ghi)perylene	0.68	6.6	13	6.6	13	µg/g	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Benzo(k)fluoranthene	0.48	3.1	3.1	5.7	7	µg/g	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Chrysene	2.8	7	9.4	7	14	µg/g	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Dibenzo(a,h)anthracene	0.1	0.57	0.7	0.57	0.7	µg/g	< 0.06	< 0.06	< 0.06	< 0.06	< 0.06
Fluoranthene	0.56	0.69	2.8	0.69	70	µg/g	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Fluorene	0.12	6.8	6.80	6.8	6.8	µg/g	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Indeno(1,2,3-cd)pyrene	0.23	0.38	0.76	0.38	0.76	µg/g	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
1-Methylnaphthalene	0.59	0.59	0.59	0.92	8.7	µg/g	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
2-Methylnaphthalene	0.59	0.59	0.59	0.92	8.7	µg/g	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Methylnaphthalene, 2-(1-)	0.59	0.59	0.59	0.92	8.7	µg/g	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Naphthalene	0.09	0.2	0.2	0.59	1.8	µg/g	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Phenanthrene	0.69	6.2	12	6.2	12	µg/g	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Pyrene	1	28	28	70	70	µg/g	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05

Notes
Bold – Exceeds Table 1 Standards
Underline – Exceeds Table 3.1 RPI Standards
Shaded – Exceeds Table 3.1 ICC Standards

Table 4.0
Soil Quality - Polycyclic Aromatic Hydrocarbons
Results of Soil Sampling
Uxbridge Community Hospital
Project No. 02310769.004

							16	17	18	19	20
Parameters	Table 1 RPI/ICC	Table 2.1 RPI	Table 2.1 ICC	Table 3.1 RPI	Table 3.1 ICC	SGS Lab Work Order	CA40160-JUN24 R	CA40160-JUN24 R	CA40160-JUN24 R	CA40160-JUN24 R	CA40160-JUN24 R
						Lab Sample Identification	CA40160-JUN24 R - 25	CA40160-JUN24 R - 26	CA40160-JUN24 R - 27	CA40160-JUN24 R - 28	CA40160-JUN24 R - 29
						Sampling Date	19-Jun-24	19-Jun-24	19-Jun-24	20-Jun-24	20-Jun-24
						Sample Identification	BH 24-8/SS5	BH 24-9/SS2	BH 24-10/SS3	BH 24-11/SS2	BH 24-12/SS1
						Unit					
PAH											
Acenaphthene	0.072	2.5	2.5	14	15	µg/g	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Acenaphthylene	0.093	0.093	0.093	0.093	0.093	µg/g	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Anthracene	0.16	0.16	0.16	0.16	0.16	µg/g	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Benzo(a)anthracene	0.36	0.50	0.92	0.5	1	µg/g	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Benzo(a)pyrene	0.3	0.31	0.31	0.57	0.7	µg/g	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Benzo(b)fluoranthene	0.47	3.2	3.20	5.7	7	µg/g	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Benzo(ghi)perylene	0.68	6.6	13	6.6	13	µg/g	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Benzo(k)fluoranthene	0.48	3.1	3.1	5.7	7	µg/g	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Chrysene	2.8	7	9.4	7	14	µg/g	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Dibenzo(a,h)anthracene	0.1	0.57	0.7	0.57	0.7	µg/g	< 0.06	< 0.06	< 0.06	< 0.06	< 0.06
Fluoranthene	0.56	0.69	2.8	0.69	70	µg/g	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Fluorene	0.12	6.8	6.80	6.8	6.8	µg/g	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Indeno(1,2,3-cd)pyrene	0.23	0.38	0.76	0.38	0.76	µg/g	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
1-Methylnaphthalene	0.59	0.59	0.59	0.92	8.7	µg/g	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
2-Methylnaphthalene	0.59	0.59	0.59	0.92	8.7	µg/g	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Methylnaphthalene, 2-(1-)	0.59	0.59	0.59	0.92	8.7	µg/g	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Naphthalene	0.09	0.2	0.2	0.59	1.8	µg/g	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Phenanthrene	0.69	6.2	12	6.2	12	µg/g	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Pyrene	1	28	28	70	70	µg/g	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05

Notes
Bold – Exceeds Table 1 Standards
Underline – Exceeds Table 3.1 RPI Standards
Shaded – Exceeds Table 3.1 ICC Standards

Table 4.0
Soil Quality - Polycyclic Aromatic Hydrocarbons
Results of Soil Sampling
Uxbridge Community Hospital
Project No. 02310769.004

							21	22	23	24	25
Parameters	Table 1 RPI/ICC	Table 2.1 RPI	Table 2.1 ICC	Table 3.1 RPI	Table 3.1 ICC	SGS Lab Work Order	CA40160-JUN24 R	CA40160-JUN24 R	CA40160-JUN24 R	CA40160-JUN24 R	CA40160-JUN24 R
						Lab Sample Identification	CA40160-JUN24 R - 30	CA40160-JUN24 R - 31	CA40160-JUN24 R - 32	CA40160-JUN24 R - 33	CA40160-JUN24 R - 34
						Sampling Date	20-Jun-24	20-Jun-24	20-Jun-24	20-Jun-24	20-Jun-24
						Sample Identification	BH 24-12/SS4	BH 24-13/SS3	BH 24-14/SS1	BH 24-14/SS4	BH 24-15/SS3
						Unit					
PAH											
Acenaphthene	0.072	2.5	2.5	14	15	µg/g	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Acenaphthylene	0.093	0.093	0.093	0.093	0.093	µg/g	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Anthracene	0.16	0.16	0.16	0.16	0.16	µg/g	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Benzo(a)anthracene	0.36	0.50	0.92	0.5	1	µg/g	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Benzo(a)pyrene	0.3	0.31	0.31	0.57	0.7	µg/g	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Benzo(b)fluoranthene	0.47	3.2	3.20	5.7	7	µg/g	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Benzo(ghi)perylene	0.68	6.6	13	6.6	13	µg/g	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Benzo(k)fluoranthene	0.48	3.1	3.1	5.7	7	µg/g	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Chrysene	2.8	7	9.4	7	14	µg/g	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Dibenzo(a,h)anthracene	0.1	0.57	0.7	0.57	0.7	µg/g	< 0.06	< 0.06	< 0.06	< 0.06	< 0.06
Fluoranthene	0.56	0.69	2.8	0.69	70	µg/g	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Fluorene	0.12	6.8	6.80	6.8	6.8	µg/g	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Indeno(1,2,3-cd)pyrene	0.23	0.38	0.76	0.38	0.76	µg/g	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
1-Methylnaphthalene	0.59	0.59	0.59	0.92	8.7	µg/g	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
2-Methylnaphthalene	0.59	0.59	0.59	0.92	8.7	µg/g	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Methylnaphthalene, 2-(1-)	0.59	0.59	0.59	0.92	8.7	µg/g	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Naphthalene	0.09	0.2	0.2	0.59	1.8	µg/g	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Phenanthrene	0.69	6.2	12	6.2	12	µg/g	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Pyrene	1	28	28	70	70	µg/g	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05

Notes
Bold – Exceeds Table 1 Standards
Underline – Exceeds Table 3.1 RPI Standards
Shaded – Exceeds Table 3.1 ICC Standards

Table 4.0
Soil Quality - Polycyclic Aromatic Hydrocarbons
Results of Soil Sampling
Uxbridge Community Hospital
Project No. 02310769.004

							26	27	28	29	30
Parameters	Table 1 RPI/ICC	Table 2.1 RPI	Table 2.1 ICC	Table 3.1 RPI	Table 3.1 ICC	SGS Lab Work Order	CA40160-JUN24 R	CA40160-JUN24 R	CA40160-JUN24 R	CA40160-JUN24 R	CA40160-JUN24 R
						Lab Sample Identification	CA40160-JUN24 R - 35	CA40160-JUN24 R - 36	CA40160-JUN24 R - 37	CA40160-JUN24 R - 38	CA40160-JUN24 R - 39
						Sampling Date	19-Jun-24	19-Jun-24	19-Jun-24	17-Jun-24	17-Jun-24
						Sample Identification	BH 24-16/SS1	BH 24-16/SS3	BH 24-16/SS4	BH 24-17/SS1	BH 24-17/SS2
						Unit					
PAH											
Acenaphthene	0.072	2.5	2.5	14	15	µg/g	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Acenaphthylene	0.093	0.093	0.093	0.093	0.093	µg/g	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Anthracene	0.16	0.16	0.16	0.16	0.16	µg/g	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Benzo(a)anthracene	0.36	0.50	0.92	0.5	1	µg/g	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Benzo(a)pyrene	0.3	0.31	0.31	0.57	0.7	µg/g	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Benzo(b)fluoranthene	0.47	3.2	3.20	5.7	7	µg/g	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Benzo(ghi)perylene	0.68	6.6	13	6.6	13	µg/g	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Benzo(k)fluoranthene	0.48	3.1	3.1	5.7	7	µg/g	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Chrysene	2.8	7	9.4	7	14	µg/g	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Dibenzo(a,h)anthracene	0.1	0.57	0.7	0.57	0.7	µg/g	< 0.06	< 0.06	< 0.06	< 0.06	< 0.06
Fluoranthene	0.56	0.69	2.8	0.69	70	µg/g	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Fluorene	0.12	6.8	6.80	6.8	6.8	µg/g	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Indeno(1,2,3-cd)pyrene	0.23	0.38	0.76	0.38	0.76	µg/g	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
1-Methylnaphthalene	0.59	0.59	0.59	0.92	8.7	µg/g	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
2-Methylnaphthalene	0.59	0.59	0.59	0.92	8.7	µg/g	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Methylnaphthalene, 2-(1-)	0.59	0.59	0.59	0.92	8.7	µg/g	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Naphthalene	0.09	0.2	0.2	0.59	1.8	µg/g	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Phenanthrene	0.69	6.2	12	6.2	12	µg/g	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Pyrene	1	28	28	70	70	µg/g	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05

Notes
Bold – Exceeds Table 1 Standards
Underline – Exceeds Table 3.1 RPI Standards
Shaded – Exceeds Table 3.1 ICC Standards

Table 4.0
Soil Quality - Polycyclic Aromatic Hydrocarbons
Results of Soil Sampling
Uxbridge Community Hospital
Project No. 02310769.004

							31	32	33	34	35
Parameters	Table 1 RPI/ICC	Table 2.1 RPI	Table 2.1 ICC	Table 3.1 RPI	Table 3.1 ICC	SGS Lab Work Order	CA40160-JUN24 R	CA40160-JUN24 R	CA40160-JUN24 R	CA40160-JUN24 R	CA40160-JUN24 R
						Lab Sample Identification	CA40160-JUN24 R - 40	CA40160-JUN24 R - 41	CA40160-JUN24 R - 42	CA40160-JUN24 R - 43	CA40160-JUN24 R - 44
						Sampling Date	17-Jun-24	17-Jun-24	18-Jun-24	19-Jun-24	19-Jun-24
						Sample Identification	BH 24-17/SS4	DUP#1 - BH 24-3/SS1	DUP#2 - BH 24-5/SS1	DUP#3 - BH 24-16/SS1	DUP#4 - BH 24-10/SS3
						Unit					
PAH											
Acenaphthene	0.072	2.5	2.5	14	15	µg/g	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Acenaphthylene	0.093	0.093	0.093	0.093	0.093	µg/g	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Anthracene	0.16	0.16	0.16	0.16	0.16	µg/g	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Benzo(a)anthracene	0.36	0.50	0.92	0.5	1	µg/g	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Benzo(a)pyrene	0.3	0.31	0.31	0.57	0.7	µg/g	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Benzo(b)fluoranthene	0.47	3.2	3.20	5.7	7	µg/g	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Benzo(ghi)perylene	0.68	6.6	13	6.6	13	µg/g	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Benzo(k)fluoranthene	0.48	3.1	3.1	5.7	7	µg/g	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Chrysene	2.8	7	9.4	7	14	µg/g	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Dibenzo(a,h)anthracene	0.1	0.57	0.7	0.57	0.7	µg/g	< 0.06	< 0.06	< 0.06	< 0.06	< 0.06
Fluoranthene	0.56	0.69	2.8	0.69	70	µg/g	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Fluorene	0.12	6.8	6.80	6.8	6.8	µg/g	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Indeno(1,2,3-cd)pyrene	0.23	0.38	0.76	0.38	0.76	µg/g	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
1-Methylnaphthalene	0.59	0.59	0.59	0.92	8.7	µg/g	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
2-Methylnaphthalene	0.59	0.59	0.59	0.92	8.7	µg/g	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Methylnaphthalene, 2-(1-)	0.59	0.59	0.59	0.92	8.7	µg/g	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Naphthalene	0.09	0.2	0.2	0.59	1.8	µg/g	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Phenanthrene	0.69	6.2	12	6.2	12	µg/g	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Pyrene	1	28	28	70	70	µg/g	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05

Notes
Bold – Exceeds Table 1 Standards
Underline – Exceeds Table 3.1 RPI Standards
Shaded – Exceeds Table 3.1 ICC Standards

Table 5.0
Soil Quality - Polychlorinated Biphenyls
Results of Soil Sampling
Uxbridge Community Hospital
Project No. 02310769.004

Parameters	Table 1 RPI/ICC	Table 2.1 RPI	Table 2.1 ICC	Table 3.1 RPI	Table 3.1 ICC		1	2	3	4	5
						SGS Lab Work Order	CA40160-JUN24 R	CA40160-JUN24 R	CA40160-JUN24 R	CA40160-JUN24 R	CA40160-JUN24 R
						Lab Sample Identification	CA40160-JUN24 R - 10	CA40160-JUN24 R - 11	CA40160-JUN24 R - 12	CA40160-JUN24 R - 13	CA40160-JUN24 R - 14
						Sampling Date	18-Jun-24	18-Jun-24	17-Jun-24	17-Jun-24	17-Jun-24
						Sample Identification	BH 24-1/SS1	BH 24-1/SS5	BH 24-2/SS2	BH 24-2/SS4	BH 24-2/SS5
						Unit					
Polychlorinated Biphenyls											
polychlorinated biphenyls [PCBs], total	0.3	0.35	0.8	0.35	0.78	µg/g	< 0.3	< 0.3	< 0.3	< 0.3	---

Notes
Bold – Exceeds Table 1 Standards
Underline – Exceeds Table 3.1 RPI Standards
Shaded – Exceeds Table 3.1 ICC Standards

Table 5.0
Soil Quality - Polychlorinated Biphenyls
Results of Soil Sampling
Uxbridge Community Hospital
Project No. 02310769.004

Parameters	Table 1 RPI/ICC	Table 2.1 RPI	Table 2.1 ICC	Table 3.1 RPI	Table 3.1 ICC		6	7	8	9	10
						SGS Lab Work Order	CA40160-JUN24 R	CA40160-JUN24 R	CA40160-JUN24 R	CA40160-JUN24 R	CA40160-JUN24 R
						Lab Sample Identification	CA40160-JUN24 R - 15	CA40160-JUN24 R - 16	CA40160-JUN24 R - 17	CA40160-JUN24 R - 18	CA40160-JUN24 R - 19
						Sampling Date	17-Jun-24	17-Jun-24	17-Jun-24	17-Jun-24	18-Jun-24
						Sample Identification	BH 24-3/SS1	BH 24-3/SS4	BH 24-4/SS1	BH 24-4/SS5	BH 24-5/SS1
						Unit					
Polychlorinated Biphenyls											
polychlorinated biphenyls [PCBs], total	0.3	0.35	0.8	0.35	0.78	µg/g	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3

Notes
Bold – Exceeds Table 1 Standards
Underline – Exceeds Table 3.1 RPI Standards
Shaded – Exceeds Table 3.1 ICC Standards

Table 5.0
Soil Quality - Polychlorinated Biphenyls
Results of Soil Sampling
Uxbridge Community Hospital
Project No. 02310769.004

Parameters	Table 1 RPI/ICC	Table 2.1 RPI	Table 2.1 ICC	Table 3.1 RPI	Table 3.1 ICC		11	12	13	14	15
						SGS Lab Work Order	CA40160-JUN24 R	CA40160-JUN24 R	CA40160-JUN24 R	CA40160-JUN24 R	CA40160-JUN24 R
						Lab Sample Identification	CA40160-JUN24 R - 20	CA40160-JUN24 R - 21	CA40160-JUN24 R - 22	CA40160-JUN24 R - 23	CA40160-JUN24 R - 24
						Sampling Date	18-Jun-24	18-Jun-24	18-Jun-24	18-Jun-24	19-Jun-24
						Sample Identification	BH 24-5/SS5	BH 24-6/SS2	BH 24-7/SS3	BH 24-7/SS6	BH 24-8/SS2
						Unit					
Polychlorinated Biphenyls											
polychlorinated biphenyls [PCBs], total	0.3	0.35	0.8	0.35	0.78	µg/g	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3

Notes
Bold – Exceeds Table 1 Standards
Underline – Exceeds Table 3.1 RPI Standards
Shaded – Exceeds Table 3.1 ICC Standards

Table 5.0
Soil Quality - Polychlorinated Biphenyls
Results of Soil Sampling
Uxbridge Community Hospital
Project No. 02310769.004

Parameters	Table 1 RPI/ICC	Table 2.1 RPI	Table 2.1 ICC	Table 3.1 RPI	Table 3.1 ICC		16	17	18	19	20
						SGS Lab Work Order	CA40160-JUN24 R	CA40160-JUN24 R	CA40160-JUN24 R	CA40160-JUN24 R	CA40160-JUN24 R
						Lab Sample Identification	CA40160-JUN24 R - 25	CA40160-JUN24 R - 26	CA40160-JUN24 R - 27	CA40160-JUN24 R - 28	CA40160-JUN24 R - 29
						Sampling Date	19-Jun-24	19-Jun-24	19-Jun-24	20-Jun-24	20-Jun-24
						Sample Identification	BH 24-8/SS5	BH 24-9/SS2	BH 24-10/SS3	BH 24-11/SS2	BH 24-12/SS1
						Unit					
Polychlorinated Biphenyls											
polychlorinated biphenyls [PCBs], total	0.3	0.35	0.8	0.35	0.78	µg/g	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3

Notes
Bold – Exceeds Table 1 Standards
Underline – Exceeds Table 3.1 RPI Standards
Shaded – Exceeds Table 3.1 ICC Standards

Table 5.0
Soil Quality - Polychlorinated Biphenyls
Results of Soil Sampling
Uxbridge Community Hospital
Project No. 02310769.004

Parameters	Table 1 RPI/ICC	Table 2.1 RPI	Table 2.1 ICC	Table 3.1 RPI	Table 3.1 ICC		21	22	23	24	25
						SGS Lab Work Order	CA40160-JUN24 R	CA40160-JUN24 R	CA40160-JUN24 R	CA40160-JUN24 R	CA40160-JUN24 R
						Lab Sample Identification	CA40160-JUN24 R - 30	CA40160-JUN24 R - 31	CA40160-JUN24 R - 32	CA40160-JUN24 R - 33	CA40160-JUN24 R - 34
						Sampling Date	20-Jun-24	20-Jun-24	20-Jun-24	20-Jun-24	20-Jun-24
						Sample Identification	BH 24-12/SS4	BH 24-13/SS3	BH 24-14/SS1	BH 24-14/SS4	BH 24-15/SS3
						Unit					
Polychlorinated Biphenyls											
polychlorinated biphenyls [PCBs], total	0.3	0.35	0.8	0.35	0.78	µg/g	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3

Notes
Bold – Exceeds Table 1 Standards
Underline – Exceeds Table 3.1 RPI Standards
Shaded – Exceeds Table 3.1 ICC Standards

Table 5.0
Soil Quality - Polychlorinated Biphenyls
Results of Soil Sampling
Uxbridge Community Hospital
Project No. 02310769.004

Parameters	Table 1 RPI/ICC	Table 2.1 RPI	Table 2.1 ICC	Table 3.1 RPI	Table 3.1 ICC		26	27	28	29	30
						SGS Lab Work Order	CA40160-JUN24 R	CA40160-JUN24 R	CA40160-JUN24 R	CA40160-JUN24 R	CA40160-JUN24 R
						Lab Sample Identification	CA40160-JUN24 R - 35	CA40160-JUN24 R - 36	CA40160-JUN24 R - 37	CA40160-JUN24 R - 38	CA40160-JUN24 R - 39
						Sampling Date	19-Jun-24	19-Jun-24	19-Jun-24	17-Jun-24	17-Jun-24
						Sample Identification	BH 24-16/SS1	BH 24-16/SS3	BH 24-16/SS4	BH 24-17/SS1	BH 24-17/SS2
						Unit					
Polychlorinated Biphenyls											
polychlorinated biphenyls [PCBs], total	0.3	0.35	0.8	0.35	0.78	µg/g	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3

Notes
Bold – Exceeds Table 1 Standards
Underline – Exceeds Table 3.1 RPI Standards
Shaded – Exceeds Table 3.1 ICC Standards

Table 5.0
Soil Quality - Polychlorinated Biphenyls
Results of Soil Sampling
Uxbridge Community Hospital
Project No. 02310769.004

Parameters	Table 1 RPI/ICC	Table 2.1 RPI	Table 2.1 ICC	Table 3.1 RPI	Table 3.1 ICC		31	32	33	34	35
						SGS Lab Work Order	CA40160-JUN24 R	CA40160-JUN24 R	CA40160-JUN24 R	CA40160-JUN24 R	CA40160-JUN24 R
						Lab Sample Identification	CA40160-JUN24 R - 40	CA40160-JUN24 R - 41	CA40160-JUN24 R - 42	CA40160-JUN24 R - 43	CA40160-JUN24 R - 44
						Sampling Date	17-Jun-24	17-Jun-24	18-Jun-24	19-Jun-24	19-Jun-24
						Sample Identification	BH 24-17/SS4	DUP#1 - BH 24-3/SS1	DUP#2 - BH 24-5/SS1	DUP#3 - BH 24-16/SS1	DUP#4 - BH 24-10/SS3
						Unit					
Polychlorinated Biphenyls											
polychlorinated biphenyls [PCBs], total	0.3	0.35	0.8	0.35	0.78	µg/g	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3

Notes
Bold – Exceeds Table 1 Standards
Underline – Exceeds Table 3.1 RPI Standards
Shaded – Exceeds Table 3.1 ICC Standards

Appendix C Soil Chemical Analysis Results

ENGLOBE

FINAL REPORT

CA40160-JUN24 R1

02310769.004, Uxbridge

Prepared for

Englobe Corp

FINAL REPORT

First Page

CLIENT DETAILS

Client	Englobe Corp
Address	20 Carlson Court, Suite 300, Etobicoke, ONTARIO M9W 7K6. Canada
Contact	Prakash Patel
Telephone	(905) 796-2650
Facsimile	(905) 796-2250
Email	Prakash.patel@Englobecorp.com
Project	02310769.004, Uxbridge
Order Number	
Samples	Soil (35)

LABORATORY DETAILS

Project Specialist	Brad Moore Hon. B.Sc
Laboratory	SGS Canada Inc.
Address	185 Concession St., Lakefield ON, K0L 2H0
Telephone	705-652-2143
Facsimile	705-652-6365
Email	brad.moore@sgs.com
SGS Reference	CA40160-JUN24
Received	06/21/2024
Approved	06/28/2024
Report Number	CA40160-JUN24 R1
Date Reported	07/12/2024

COMMENTS

CCME Method Compliance: Analyses were conducted using analytical procedures that comply with the Reference Method for the CWS for Petroleum Hydrocarbons in Soil and have been validated for use at the SGS laboratory, Lakefield, ON site.

Quality Compliance: Instrument performance / calibration quality criteria were met and extraction and analysis limits for holding times were met.

nC6 and nC10 response factors within 30% of response factor for toluene: YES

nC10, nC16 and nC34 response factors within 10% of the average response for the three compounds: YES

C50 response factors within 70% of nC10 + nC16 + nC34 average: YES

Linearity is within 15%: YES

F4G - gravimetric heavy hydrocarbons cannot be added to the C6 to C50 hydrocarbons.
The results for F4 and F4G are both reported and the greater of the two values is to be used in application to the CWS PHC.

Hydrocarbon results are expressed on a dry weight basis.

Benzo(b)fluoranthene results for comparison to the standard are reported as benzo(b+j)fluoranthene. Benzo(b)fluoranthene and benzo(j)fluoranthene co-elute and cannot be reported individually by the analytical method used.

Temperature of Sample upon Receipt: 9 degrees C
Cooling Agent Present:Yes
Custody Seal Present:No

Chain of Custody Number:039052/039053/039054

QCBatchID: GCM0349-JUN24: 1,1,2,2-Tetrachloroethane and Trichloroethylene Matrix Spike; Recoveries are outside control limits due to sample matrix; the overall quality control for this analysis has been assessed and was determined to be acceptable.

SIGNATORIES

Brad Moore Hon. B.Sc

QCBatchID: GCM0392-JUN24 Trichloroethylene & 1,1,2,2-Tetrachloroethane Matrix Spike; Recovery is outside control limits; the overall quality control for this analysis has been assessed and was determined to be acceptable.

QCBatchID: GCM0383-JUN24: F1 RLs raised for sample DUP#1 & DUP#2 due to low dry sample weight, which was caused by a high sample moisture.

QCBatchID: GCM0404-JUN24: 1,1,2,2-Tetrachloroethane Matrix Spike; Recoveries are outside control limits due to sample matrix; the overall quality control for this analysis has been assessed and was determined to be acceptable.

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Client: Englobe Corp
Project: 02310769.004, Uxbridge
Project Manager: Prakash Patel
Samplers: Bob Racher

MATRIX: SOIL

L1 = REG153 / SOIL / COARSE - TABLE 2 - Residential/Parkland - UNDEFINED

	Sample Number	10	11	12	13	14	15	16	17
	Sample Name	BH 24-1/SS1	BH 24-1/SS5	BH 24-2/SS2	BH 24-2/SS4	BH 24-2/SS5	BH 24-3/SS1	BH 24-3/SS4	BH 24-4/SS1
	Sample Matrix	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
	Sample Date	18/06/2024	18/06/2024	17/06/2024	17/06/2024	17/06/2024	17/06/2024	17/06/2024	17/06/2024
Parameter	**Units**	**RL**	**L1**	**Result**	**Result**	**Result**	**Result**	**Result**	**Result**	**Result**	**Result**
BTEX										
Benzene	µg/g	0.02	0.21	< 0.02	< 0.02	< 0.02	---	< 0.02	< 0.02	< 0.02	< 0.02
Ethylbenzene	µg/g	0.05	1.1	< 0.05	< 0.05	< 0.05	---	< 0.05	< 0.05	< 0.05	< 0.05
Toluene	µg/g	0.05	2.3	< 0.05	< 0.05	< 0.05	---	< 0.05	< 0.05	< 0.05	< 0.05
Xylene (total)	µg/g	0.05	3.1	< 0.05	< 0.05	< 0.05	---	< 0.05	< 0.05	< 0.05	< 0.05
m/p-xylene	µg/g	0.05		< 0.05	< 0.05	< 0.05	---	< 0.05	< 0.05	< 0.05	< 0.05
o-xylene	µg/g	0.05		< 0.05	< 0.05	< 0.05	---	< 0.05	< 0.05	< 0.05	< 0.05
Hydrides										
Antimony	µg/g	0.8	7.5	< 0.8	< 0.8	< 0.8	< 0.8	---	< 0.8	< 0.8	< 0.8
Arsenic	µg/g	0.5	18	4.8	4.7	2.6	2.9	---	3.7	3.5	3.6
Selenium	µg/g	0.1	2.4	0.1	0.1	0.2	0.1	---	0.2	0.1	0.2
Metals and Inorganics										
Moisture Content	%	no		11.1	11.3	19.8	17.7	13.7	11.1	15.2	11.5
Barium	µg/g	0.1	390	16	30	23	13	---	28	21	21
Beryllium	µg/g	0.02	4	0.20	0.21	0.27	0.13	---	0.26	0.17	0.24
Boron	µg/g	1	120	7	4	2	3	---	4	3	4
Cadmium	µg/g	0.05	1.2	< 0.05	0.06	0.07	< 0.05	---	0.12	< 0.05	0.09
Chromium	µg/g	0.5	160	6.8	7.8	8.3	4.8	---	8.2	5.8	7.2
Cobalt	µg/g	0.01	22	2.3	3.1	2.8	1.7	---	2.7	2.3	2.6
Copper	µg/g	0.1	140	11	13	8.0	7.4	---	9.4	9.4	10
Lead	µg/g	0.1	120	5.2	4.0	4.1	1.9	---	24	2.8	4.5
Molybdenum	µg/g	0.1	6.9	0.2	0.4	0.2	0.1	---	0.3	0.1	0.3

Client: Englobe Corp
Project: 02310769.004, Uxbridge
Project Manager: Prakash Patel
Samplers: Bob Racher

MATRIX: SOIL

L1 = REG153 / SOIL / COARSE - TABLE 2 - Residential/Parkland - UNDEFINED

	Sample Number	10	11	12	13	14	15	16	17
	Sample Name	BH 24-1/SS1	BH 24-1/SS5	BH 24-2/SS2	BH 24-2/SS4	BH 24-2/SS5	BH 24-3/SS1	BH 24-3/SS4	BH 24-4/SS1
	Sample Matrix	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
	Sample Date	18/06/2024	18/06/2024	17/06/2024	17/06/2024	17/06/2024	17/06/2024	17/06/2024	17/06/2024
Parameter	**Units**	**RL**	**L1**	**Result**	**Result**	**Result**	**Result**	**Result**	**Result**	**Result**	**Result**
Metals and Inorganics (continued)										
Nickel	µg/g	0.5	100	5.5	6.9	5.8	2.7	---	5.6	4.5	5.3
Silver	µg/g	0.05	20	< 0.05	< 0.05	< 0.05	< 0.05	---	< 0.05	< 0.05	< 0.05
Thallium	µg/g	0.02	1	0.06	0.07	0.05	0.03	---	0.05	0.04	0.06
Uranium	µg/g	0.002	23	0.42	0.62	0.45	0.38	---	0.48	0.40	0.43
Vanadium	µg/g	3	86	10	14	19	11	---	16	12	16
Zinc	µg/g	0.7	340	14	19	17	11	---	30	14	20
Water Soluble Boron	µg/g	0.5	1.5	< 0.5	< 0.5	< 0.5	< 0.5	---	< 0.5	< 0.5	< 0.5
Other (ORP)										
Mercury	ug/g	0.05	0.27	< 0.05	< 0.05	< 0.05	< 0.05	---	< 0.05	< 0.05	0.06
Sodium Adsorption Ratio	No unit	0.2	5	50.3	5.2	110	20.3	---	13.4	14.0	93.0
SAR Calcium	mg/L	0.2		7.7	20.6	22.4	76.7	---	7.0	48.7	19.2
SAR Magnesium	mg/L	0.3		0.6	2.5	< 0.3	3.3	---	< 0.3	4.9	0.8
SAR Sodium	mg/L	0.1		540	93.5	1900	670	---	130	380	1500
Conductivity	mS/cm	0.002	0.7	2.4	0.55	8.0	3.2	---	0.56	2.0	6.4
pH	pH Units	0.05		8.13	8.08	8.00	7.95	---	8.19	8.12	8.13
Chromium VI	µg/g	0.2	8	< 0.2	< 0.2	0.2	< 0.2	---	0.2	< 0.2	< 0.2
Free Cyanide	µg/g	0.05	0.051	< 0.05	< 0.05	< 0.05	< 0.05	---	< 0.05	< 0.05	< 0.05

Client: Englobe Corp
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Project Manager: Prakash Patel
Samplers: Bob Racher

MATRIX: SOIL

L1 = REG153 / SOIL / COARSE - TABLE 2 - Residential/Parkland - UNDEFINED

Sample Number				10	11	12	13	14	15	16	17
Sample Name				BH 24-1/SS1	BH 24-1/SS5	BH 24-2/SS2	BH 24-2/SS4	BH 24-2/SS5	BH 24-3/SS1	BH 24-3/SS4	BH 24-4/SS1
Sample Matrix				Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
Sample Date				18/06/2024	18/06/2024	17/06/2024	17/06/2024	17/06/2024	17/06/2024	17/06/2024	17/06/2024
Parameter	**Units**	**RL**	**L1**	**Result**	**Result**	**Result**	**Result**	**Result**	**Result**	**Result**	**Result**
PAHs											
Acenaphthene	µg/g	0.05	7.9	< 0.05	< 0.05	< 0.05	< 0.05	---	< 0.05	< 0.05	< 0.05
Acenaphthylene	µg/g	0.05	0.15	< 0.05	< 0.05	< 0.05	< 0.05	---	< 0.05	< 0.05	< 0.05
Anthracene	µg/g	0.05	0.67	< 0.05	< 0.05	< 0.05	< 0.05	---	< 0.05	< 0.05	< 0.05
Benzo(a)anthracene	µg/g	0.05	0.5	< 0.05	< 0.05	< 0.05	< 0.05	---	< 0.05	< 0.05	< 0.05
Benzo(a)pyrene	µg/g	0.05	0.3	< 0.05	< 0.05	< 0.05	< 0.05	---	< 0.05	< 0.05	< 0.05
Benzo(b+j)fluoranthene	µg/g	0.05	0.78	< 0.05	< 0.05	< 0.05	< 0.05	---	< 0.05	< 0.05	< 0.05
Benzo(ghi)perylene	µg/g	0.1	6.6	< 0.1	< 0.1	< 0.1	< 0.1	---	< 0.1	< 0.1	< 0.1
Benzo(k)fluoranthene	µg/g	0.05	0.78	< 0.05	< 0.05	< 0.05	< 0.05	---	< 0.05	< 0.05	< 0.05
Chrysene	µg/g	0.05	7	< 0.05	< 0.05	< 0.05	< 0.05	---	< 0.05	< 0.05	< 0.05
Dibenzo(a,h)anthracene	µg/g	0.06	0.1	< 0.06	< 0.06	< 0.06	< 0.06	---	< 0.06	< 0.06	< 0.06
Fluoranthene	µg/g	0.05	0.69	< 0.05	< 0.05	< 0.05	< 0.05	---	< 0.05	< 0.05	< 0.05
Fluorene	µg/g	0.05	62	< 0.05	< 0.05	< 0.05	< 0.05	---	< 0.05	< 0.05	< 0.05
Indeno(1,2,3-cd)pyrene	µg/g	0.1	0.38	< 0.1	< 0.1	< 0.1	< 0.1	---	< 0.1	< 0.1	< 0.1
1-Methylnaphthalene	µg/g	0.05		< 0.05	< 0.05	< 0.05	< 0.05	---	< 0.05	< 0.05	< 0.05
2-Methylnaphthalene	µg/g	0.05		< 0.05	< 0.05	< 0.05	< 0.05	---	< 0.05	< 0.05	< 0.05
Methylnaphthalene, 2-(1-)	µg/g	0.05	0.99	< 0.05	< 0.05	< 0.05	< 0.05	---	< 0.05	< 0.05	< 0.05
Naphthalene	µg/g	0.05	0.6	< 0.05	< 0.05	< 0.05	< 0.05	---	< 0.05	< 0.05	< 0.05
Phenanthrene	µg/g	0.05	6.2	< 0.05	< 0.05	< 0.05	< 0.05	---	< 0.05	< 0.05	< 0.05
Pyrene	µg/g	0.05	78	< 0.05	< 0.05	< 0.05	< 0.05	---	< 0.05	< 0.05	< 0.05

Client: Englobe Corp
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MATRIX: SOIL

L1 = REG153 / SOIL / COARSE - TABLE 2 - Residential/Parkland - UNDEFINED

Sample Number				10	11	12	13	14	15	16	17
Sample Name				BH 24-1/SS1	BH 24-1/SS5	BH 24-2/SS2	BH 24-2/SS4	BH 24-2/SS5	BH 24-3/SS1	BH 24-3/SS4	BH 24-4/SS1
Sample Matrix				Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
Sample Date				18/06/2024	18/06/2024	17/06/2024	17/06/2024	17/06/2024	17/06/2024	17/06/2024	17/06/2024
Parameter	**Units**	**RL**	**L1**	**Result**	**Result**	**Result**	**Result**	**Result**	**Result**	**Result**	**Result**
PCBs											
Polychlorinated Biphenyls (PCBs) - Total	µg/g	0.3	0.35	< 0.3	< 0.3	< 0.3	< 0.3	---	< 0.3	< 0.3	< 0.3
PHCs											
F1 (C6-C10)	µg/g	10	55	< 10	< 10	< 10	---	< 10	< 10	< 10	< 10
F1-BTEX (C6-C10)	µg/g	10	55	< 10	< 10	< 10	---	< 10	< 10	< 10	< 10
F2 (C10-C16)	µg/g	10	98	< 10	< 10	< 10	---	< 10	< 10	< 10	< 10
F3 (C16-C34)	µg/g	50	300	132	< 50	< 50	---	< 50	< 50	< 50	225
F4 (C34-C50)	µg/g	50	2800	278	< 50	< 50	---	< 50	< 50	< 50	456
CCME F4G-sg (GHH)	µg/g	200	2800	2400	---	---	---	---	---	---	1630
Chromatogram returned to baseline at nC50	Yes / No	no		NO	YES	YES	---	YES	YES	YES	NO
THMs (VOC)											
Bromodichloromethane	µg/g	0.05	1.5	< 0.05	< 0.05	< 0.05	---	< 0.05	< 0.05	< 0.05	< 0.05
Bromoform	µg/g	0.05	0.27	< 0.05	< 0.05	< 0.05	---	< 0.05	< 0.05	< 0.05	< 0.05
Dibromochloromethane	µg/g	0.05	2.3	< 0.05	< 0.05	< 0.05	---	< 0.05	< 0.05	< 0.05	< 0.05

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MATRIX: SOIL

L1 = REG153 / SOIL / COARSE - TABLE 2 - Residential/Parkland - UNDEFINED

	Sample Number	10	11	12	13	14	15	16	17
	Sample Name	BH 24-1/SS1	BH 24-1/SS5	BH 24-2/SS2	BH 24-2/SS4	BH 24-2/SS5	BH 24-3/SS1	BH 24-3/SS4	BH 24-4/SS1
	Sample Matrix	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
	Sample Date	18/06/2024	18/06/2024	17/06/2024	17/06/2024	17/06/2024	17/06/2024	17/06/2024	17/06/2024
Parameter	**Units**	**RL**	**L1**	**Result**	**Result**	**Result**	**Result**	**Result**	**Result**	**Result**	**Result**
VOC Surrogates											
Surr 1,2-Dichloroethane-d4	Surr Rec %	no		102	101	102	---	101	100	102	102
Surr 4-Bromofluorobenzene	Surr Rec %	no		91	91	90	---	90	90	90	90
Surr 2-Bromo-1-Chloropropane	Surr Rec %	no		89	88	90	---	88	88	88	88
VOCs											
Acetone	µg/g	0.5	16	< 0.5	< 0.5	< 0.5	---	< 0.5	< 0.5	< 0.5	< 0.5
Bromomethane	µg/g	0.05	0.05	< 0.05	< 0.05	< 0.05	---	< 0.05	< 0.05	< 0.05	< 0.05
Carbon tetrachloride	µg/g	0.05	0.05	< 0.05	< 0.05	< 0.05	---	< 0.05	< 0.05	< 0.05	< 0.05
Chlorobenzene	µg/g	0.05	2.4	< 0.05	< 0.05	< 0.05	---	< 0.05	< 0.05	< 0.05	< 0.05
1,2-Dichlorobenzene	µg/g	0.05	1.2	< 0.05	< 0.05	< 0.05	---	< 0.05	< 0.05	< 0.05	< 0.05
1,3-Dichlorobenzene	µg/g	0.05	4.8	< 0.05	< 0.05	< 0.05	---	< 0.05	< 0.05	< 0.05	< 0.05
1,4-Dichlorobenzene	µg/g	0.05	0.083	< 0.05	< 0.05	< 0.05	---	< 0.05	< 0.05	< 0.05	< 0.05
Dichlorodifluoromethane	µg/g	0.05	16	< 0.05	< 0.05	< 0.05	---	< 0.05	< 0.05	< 0.05	< 0.05
1,1-Dichloroethane	µg/g	0.05	0.47	< 0.05	< 0.05	< 0.05	---	< 0.05	< 0.05	< 0.05	< 0.05
1,2-Dichloroethane	µg/g	0.05	0.05	< 0.05	< 0.05	< 0.05	---	< 0.05	< 0.05	< 0.05	< 0.05
1,1-Dichloroethylene	µg/g	0.05	0.05	< 0.05	< 0.05	< 0.05	---	< 0.05	< 0.05	< 0.05	< 0.05
trans-1,2-Dichloroethylene	µg/g	0.05	0.084	< 0.05	< 0.05	< 0.05	---	< 0.05	< 0.05	< 0.05	< 0.05
cis-1,2-Dichloroethylene	µg/g	0.05	1.9	< 0.05	< 0.05	< 0.05	---	< 0.05	< 0.05	< 0.05	< 0.05
1,2-Dichloropropane	µg/g	0.05	0.05	< 0.05	< 0.05	< 0.05	---	< 0.05	< 0.05	< 0.05	< 0.05
cis-1,3-dichloropropene	µg/g	0.03		< 0.03	< 0.03	< 0.03	---	< 0.03	< 0.03	< 0.03	< 0.03
trans-1,3-dichloropropene	µg/g	0.03		< 0.03	< 0.03	< 0.03	---	< 0.03	< 0.03	< 0.03	< 0.03
1,3-dichloropropene (total)	µg/g	0.05	0.05	< 0.05	< 0.05	< 0.05	---	< 0.05	< 0.05	< 0.05	< 0.05
Ethylenedibromide	µg/g	0.05	0.05	< 0.05	< 0.05	< 0.05	---	< 0.05	< 0.05	< 0.05	< 0.05

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MATRIX: SOIL

L1 = REG153 / SOIL / COARSE - TABLE 2 - Residential/Parkland - UNDEFINED

Sample Number				10	11	12	13	14	15	16	17
Sample Name				BH 24-1/SS1	BH 24-1/SS5	BH 24-2/SS2	BH 24-2/SS4	BH 24-2/SS5	BH 24-3/SS1	BH 24-3/SS4	BH 24-4/SS1
Sample Matrix				Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
Sample Date				18/06/2024	18/06/2024	17/06/2024	17/06/2024	17/06/2024	17/06/2024	17/06/2024	17/06/2024
Parameter	**Units**	**RL**	**L1**	**Result**	**Result**	**Result**	**Result**	**Result**	**Result**	**Result**	**Result**
VOCs (continued)											
n-Hexane	µg/g	0.05	2.8	< 0.05	< 0.05	< 0.05	---	< 0.05	< 0.05	< 0.05	< 0.05
Methyl ethyl ketone	µg/g	0.5	16	< 0.5	< 0.5	< 0.5	---	< 0.5	< 0.5	< 0.5	< 0.5
Methyl isobutyl ketone	µg/g	0.5	1.7	< 0.5	< 0.5	< 0.5	---	< 0.5	< 0.5	< 0.5	< 0.5
Methyl-t-butyl Ether	µg/g	0.05	0.75	< 0.05	< 0.05	< 0.05	---	< 0.05	< 0.05	< 0.05	< 0.05
Methylene Chloride	µg/g	0.05	0.1	< 0.05	< 0.05	< 0.05	---	< 0.05	< 0.05	< 0.05	< 0.05
Styrene	µg/g	0.05	0.7	< 0.05	< 0.05	< 0.05	---	< 0.05	< 0.05	< 0.05	< 0.05
Tetrachloroethylene	µg/g	0.05	0.28	< 0.05	< 0.05	< 0.05	---	< 0.05	< 0.05	< 0.05	< 0.05
1,1,1,2-Tetrachloroethane	µg/g	0.05	0.058	< 0.05	< 0.05	< 0.05	---	< 0.05	< 0.05	< 0.05	< 0.05
1,1,2,2-Tetrachloroethane	µg/g	0.05	0.05	< 0.05	< 0.05	< 0.05	---	< 0.05	< 0.05	< 0.05	< 0.05
1,1,1-Trichloroethane	µg/g	0.05	0.38	< 0.05	< 0.05	< 0.05	---	< 0.05	< 0.05	< 0.05	< 0.05
1,1,2-Trichloroethane	µg/g	0.05	0.05	< 0.05	< 0.05	< 0.05	---	< 0.05	< 0.05	< 0.05	< 0.05
Trichloroethylene	µg/g	0.05	0.061	< 0.05	< 0.05	< 0.05	---	< 0.05	< 0.05	< 0.05	< 0.05
Trichlorofluoromethane	µg/g	0.05	4	< 0.05	< 0.05	< 0.05	---	< 0.05	< 0.05	< 0.05	< 0.05
Vinyl Chloride	µg/g	0.02	0.02	< 0.02	< 0.02	< 0.02	---	< 0.02	< 0.02	< 0.02	< 0.02
Chloroform	µg/g	0.05	0.05	< 0.05	< 0.05	< 0.05	---	< 0.05	< 0.05	< 0.05	< 0.05

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MATRIX: SOIL

L1 = REG153 / SOIL / COARSE - TABLE 2 - Residential/Parkland - UNDEFINED

	Sample Number	18	19	20	21	22	23	24	25
	Sample Name	BH 24-4/SS5	BH 24-5/SS1	BH 24-5/SS5	BH 24-6/SS2	BH 24-7/SS3	BH 24-7/SS6	BH 24-8/SS2	BH 24-8/SS5
	Sample Matrix	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
	Sample Date	17/06/2024	18/06/2024	18/06/2024	18/06/2024	18/06/2024	18/06/2024	19/06/2024	19/06/2024
Parameter	**Units**	**RL**	**L1**	**Result**	**Result**	**Result**	**Result**	**Result**	**Result**	**Result**	**Result**
BTEX										
Benzene	µg/g	0.02	0.21	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02
Ethylbenzene	µg/g	0.05	1.1	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Toluene	µg/g	0.05	2.3	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Xylene (total)	µg/g	0.05	3.1	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
m/p-xylene	µg/g	0.05		< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
o-xylene	µg/g	0.05		< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Hydrides										
Antimony	µg/g	0.8	7.5	< 0.8	< 0.8	< 0.8	< 0.8	< 0.8	< 0.8	< 0.8	< 0.8
Arsenic	µg/g	0.5	18	4.2	2.4	3.9	4.1	3.4	4.6	3.3	4.0
Selenium	µg/g	0.1	2.4	0.2	0.2	0.2	0.2	0.2	0.2	0.3	0.1
Metals and Inorganics										
Moisture Content	%	no		13.3	14.1	13.8	11.4	11.6	13.7	17.0	19.3
Barium	µg/g	0.1	390	16	25	22	28	32	29	35	18
Beryllium	µg/g	0.02	4	0.21	0.28	0.21	0.27	0.29	0.23	0.36	0.18
Boron	µg/g	1	120	4	2	4	3	3	4	4	4
Cadmium	µg/g	0.05	1.2	0.10	0.11	0.05	0.10	0.11	0.07	0.16	< 0.05
Chromium	µg/g	0.5	160	6.7	8.6	6.7	8.9	8.4	8.3	14	6.8
Cobalt	µg/g	0.01	22	2.8	2.8	2.7	3.3	3.0	3.3	5.0	2.4
Copper	µg/g	0.1	140	10	4.7	8.7	9.6	8.2	11	11	7.0
Lead	µg/g	0.1	120	3.5	5.2	3.4	5.1	5.9	4.2	8.0	2.7
Molybdenum	µg/g	0.1	6.9	0.3	0.2	0.2	0.3	0.3	0.3	0.4	0.3

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Project: 02310769.004, Uxbridge
Project Manager: Prakash Patel
Samplers: Bob Racher

MATRIX: SOIL

L1 = REG153 / SOIL / COARSE - TABLE 2 - Residential/Parkland - UNDEFINED

	Sample Number	18	19	20	21	22	23	24	25
	Sample Name	BH 24-4/SS5	BH 24-5/SS1	BH 24-5/SS5	BH 24-6/SS2	BH 24-7/SS3	BH 24-7/SS6	BH 24-8/SS2	BH 24-8/SS5
	Sample Matrix	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
	Sample Date	17/06/2024	18/06/2024	18/06/2024	18/06/2024	18/06/2024	18/06/2024	19/06/2024	19/06/2024
Parameter	**Units**	**RL**	**L1**	**Result**	**Result**	**Result**	**Result**	**Result**	**Result**	**Result**	**Result**
Metals and Inorganics (continued)										
Nickel	µg/g	0.5	100	6.0	5.6	5.7	6.4	6.3	7.2	10	5.0
Silver	µg/g	0.05	20	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Thallium	µg/g	0.02	1	0.08	0.06	0.06	0.05	0.06	0.07	0.11	0.05
Uranium	µg/g	0.002	23	0.65	0.43	0.48	0.50	0.43	0.68	0.62	0.63
Vanadium	µg/g	3	86	14	19	14	21	17	16	29	15
Zinc	µg/g	0.7	340	17	18	17	22	21	20	34	15
Water Soluble Boron	µg/g	0.5	1.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Other (ORP)										
Mercury	ug/g	0.05	0.27	< 0.05	0.10	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Sodium Adsorption Ratio	No unit	0.2	5	29.9	0.3	22.7	62.6	4.3	2.0	0.9	0.8
SAR Calcium	mg/L	0.2		16.5	29.6	21.0	16.3	20.9	23.0	22.9	21.5
SAR Magnesium	mg/L	0.3		1.0	0.6	0.5	< 0.3	0.6	2.1	0.9	1.4
SAR Sodium	mg/L	0.1		460	6.8	390	930	72.3	37.0	16.0	14.9
Conductivity	mS/cm	0.002	0.7	2.2	0.16	1.9	4.2	0.40	0.32	0.19	0.17
pH	pH Units	0.05		8.09	8.11	7.56	7.96	7.77	7.87	7.51	7.78
Chromium VI	µg/g	0.2	8	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	0.2	< 0.2
Free Cyanide	µg/g	0.05	0.051	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05

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MATRIX: SOIL

L1 = REG153 / SOIL / COARSE - TABLE 2 - Residential/Parkland - UNDEFINED

	Sample Number	18	19	20	21	22	23	24	25
	Sample Name	BH 24-4/SS5	BH 24-5/SS1	BH 24-5/SS5	BH 24-6/SS2	BH 24-7/SS3	BH 24-7/SS6	BH 24-8/SS2	BH 24-8/SS5
	Sample Matrix	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
	Sample Date	17/06/2024	18/06/2024	18/06/2024	18/06/2024	18/06/2024	18/06/2024	19/06/2024	19/06/2024
Parameter	**Units**	**RL**	**L1**	**Result**	**Result**	**Result**	**Result**	**Result**	**Result**	**Result**	**Result**
PAHs										
Acenaphthene	µg/g	0.05	7.9	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Acenaphthylene	µg/g	0.05	0.15	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Anthracene	µg/g	0.05	0.67	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Benzo(a)anthracene	µg/g	0.05	0.5	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Benzo(a)pyrene	µg/g	0.05	0.3	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Benzo(b+j)fluoranthene	µg/g	0.05	0.78	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Benzo(ghi)perylene	µg/g	0.1	6.6	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Benzo(k)fluoranthene	µg/g	0.05	0.78	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Chrysene	µg/g	0.05	7	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Dibenzo(a,h)anthracene	µg/g	0.06	0.1	< 0.06	< 0.06	< 0.06	< 0.06	< 0.06	< 0.06	< 0.06	< 0.06
Fluoranthene	µg/g	0.05	0.69	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Fluorene	µg/g	0.05	62	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Indeno(1,2,3-cd)pyrene	µg/g	0.1	0.38	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
1-Methylnaphthalene	µg/g	0.05		< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
2-Methylnaphthalene	µg/g	0.05		< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Methylnaphthalene, 2-(1-)	µg/g	0.05	0.99	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Naphthalene	µg/g	0.05	0.6	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Phenanthrene	µg/g	0.05	6.2	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Pyrene	µg/g	0.05	78	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05

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MATRIX: SOIL

L1 = REG153 / SOIL / COARSE - TABLE 2 - Residential/Parkland - UNDEFINED

Sample Number				18	19	20	21	22	23	24	25
Sample Name				BH 24-4/SS5	BH 24-5/SS1	BH 24-5/SS5	BH 24-6/SS2	BH 24-7/SS3	BH 24-7/SS6	BH 24-8/SS2	BH 24-8/SS5
Sample Matrix				Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
Sample Date				17/06/2024	18/06/2024	18/06/2024	18/06/2024	18/06/2024	18/06/2024	19/06/2024	19/06/2024
Parameter	**Units**	**RL**	**L1**	**Result**	**Result**	**Result**	**Result**	**Result**	**Result**	**Result**	**Result**
PCBs											
Polychlorinated Biphenyls (PCBs) - Total	µg/g	0.3	0.35	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3
PHCs											
F1 (C6-C10)	µg/g	10	55	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10
F1-BTEX (C6-C10)	µg/g	10	55	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10
F2 (C10-C16)	µg/g	10	98	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10
F3 (C16-C34)	µg/g	50	300	< 50	< 50	< 50	212	< 50	< 50	62	< 50
F4 (C34-C50)	µg/g	50	2800	< 50	< 50	< 50	457	< 50	< 50	93	< 50
CCME F4G-sg (GHH)	µg/g	200	2800	---	---	---	1460	---	---	---	---
Chromatogram returned to baseline at nC50	Yes / No	no		YES	YES	YES	NO	YES	YES	YES	YES
THMs (VOC)											
Bromodichloromethane	µg/g	0.05	1.5	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Bromoform	µg/g	0.05	0.27	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Dibromochloromethane	µg/g	0.05	2.3	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05

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L1 = REG153 / SOIL / COARSE - TABLE 2 - Residential/Parkland - UNDEFINED

Sample Number				18	19	20	21	22	23	24	25
Sample Name				BH 24-4/SS5	BH 24-5/SS1	BH 24-5/SS5	BH 24-6/SS2	BH 24-7/SS3	BH 24-7/SS6	BH 24-8/SS2	BH 24-8/SS5
Sample Matrix				Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
Sample Date				17/06/2024	18/06/2024	18/06/2024	18/06/2024	18/06/2024	18/06/2024	19/06/2024	19/06/2024
Parameter	**Units**	**RL**	**L1**	**Result**	**Result**	**Result**	**Result**	**Result**	**Result**	**Result**	**Result**
VOC Surrogates											
Surr 1,2-Dichloroethane-d4	Surr Rec %	no		103	102	102	102	104	102	102	101
Surr 4-Bromofluorobenzene	Surr Rec %	no		90	90	89	89	90	90	90	87
Surr 2-Bromo-1-Chloropropane	Surr Rec %	no		89	88	88	88	88	88	88	88
VOCs											
Acetone	µg/g	0.5	16	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Bromomethane	µg/g	0.05	0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Carbon tetrachloride	µg/g	0.05	0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Chlorobenzene	µg/g	0.05	2.4	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
1,2-Dichlorobenzene	µg/g	0.05	1.2	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
1,3-Dichlorobenzene	µg/g	0.05	4.8	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
1,4-Dichlorobenzene	µg/g	0.05	0.083	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Dichlorodifluoromethane	µg/g	0.05	16	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
1,1-Dichloroethane	µg/g	0.05	0.47	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
1,2-Dichloroethane	µg/g	0.05	0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
1,1-Dichloroethylene	µg/g	0.05	0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
trans-1,2-Dichloroethylene	µg/g	0.05	0.084	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
cis-1,2-Dichloroethylene	µg/g	0.05	1.9	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
1,2-Dichloropropane	µg/g	0.05	0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
cis-1,3-dichloropropene	µg/g	0.03		< 0.03	< 0.03	< 0.03	< 0.03	< 0.03	< 0.03	< 0.03	< 0.03
trans-1,3-dichloropropene	µg/g	0.03		< 0.03	< 0.03	< 0.03	< 0.03	< 0.03	< 0.03	< 0.03	< 0.03
1,3-dichloropropene (total)	µg/g	0.05	0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Ethylenedibromide	µg/g	0.05	0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05

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L1 = REG153 / SOIL / COARSE - TABLE 2 - Residential/Parkland - UNDEFINED

Sample Number			18	19	20	21	22	23	24	25
Sample Name			BH 24-4/SS5	BH 24-5/SS1	BH 24-5/SS5	BH 24-6/SS2	BH 24-7/SS3	BH 24-7/SS6	BH 24-8/SS2	BH 24-8/SS5
Sample Matrix			Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
Sample Date			17/06/2024	18/06/2024	18/06/2024	18/06/2024	18/06/2024	18/06/2024	19/06/2024	19/06/2024
Parameter	**Units**	**RL**	**L1**	**Result**	**Result**	**Result**	**Result**	**Result**	**Result**	**Result**	**Result**
VOCs (continued)										
n-Hexane	µg/g	0.05	2.8	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Methyl ethyl ketone	µg/g	0.5	16	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Methyl isobutyl ketone	µg/g	0.5	1.7	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Methyl-t-butyl Ether	µg/g	0.05	0.75	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Methylene Chloride	µg/g	0.05	0.1	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Styrene	µg/g	0.05	0.7	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Tetrachloroethylene	µg/g	0.05	0.28	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
1,1,1,2-Tetrachloroethane	µg/g	0.05	0.058	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
1,1,2,2-Tetrachloroethane	µg/g	0.05	0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
1,1,1-Trichloroethane	µg/g	0.05	0.38	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
1,1,2-Trichloroethane	µg/g	0.05	0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Trichloroethylene	µg/g	0.05	0.061	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Trichlorofluoromethane	µg/g	0.05	4	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Vinyl Chloride	µg/g	0.02	0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02
Chloroform	µg/g	0.05	0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05

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L1 = REG153 / SOIL / COARSE - TABLE 2 - Residential/Parkland - UNDEFINED

	Sample Number	26	27	28	29	30	31	32	33
	Sample Name	BH 24-9/SS2	BH 24-10/SS3	BH 24-11/SS2	BH 24-12/SS1	BH 24-12/SS4	BH 24-13/SS3	BH 24-14/SS1	BH 24-14/SS4
	Sample Matrix	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
	Sample Date	19/06/2024	19/06/2024	20/06/2024	20/06/2024	20/06/2024	20/06/2024	20/06/2024	20/06/2024
Parameter	**Units**	**RL**	**L1**	**Result**	**Result**	**Result**	**Result**	**Result**	**Result**	**Result**	**Result**
BTEX											
Benzene	µg/g	0.02	0.21	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02
Ethylbenzene	µg/g	0.05	1.1	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Toluene	µg/g	0.05	2.3	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Xylene (total)	µg/g	0.05	3.1	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
m/p-xylene	µg/g	0.05		< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
o-xylene	µg/g	0.05		< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Hydrides											
Antimony	µg/g	0.8	7.5	< 0.8	< 0.8	< 0.8	< 0.8	< 0.8	< 0.8	< 0.8	< 0.8
Arsenic	µg/g	0.5	18	3.1	4.1	2.6	3.4	2.6	4.2	1.8	2.7
Selenium	µg/g	0.1	2.4	< 0.1	0.2	0.1	0.1	< 0.1	0.1	0.2	< 0.1
Metals and Inorganics											
Moisture Content	%	no		16.4	12.6	15.6	6.4	19.2	11.0	13.0	19.5
Barium	µg/g	0.1	390	16	27	10	15	13	16	24	12
Beryllium	µg/g	0.02	4	0.16	0.22	0.18	0.20	0.11	0.20	0.27	0.16
Boron	µg/g	1	120	2	3	2	2	2	3	1	2
Cadmium	µg/g	0.05	1.2	< 0.05	0.07	< 0.05	0.05	< 0.05	0.06	0.12	< 0.05
Chromium	µg/g	0.5	160	5.2	8.4	5.7	5.9	3.2	8.3	6.9	4.4
Cobalt	µg/g	0.01	22	1.9	3.2	1.7	2.0	1.4	2.3	2.5	1.6
Copper	µg/g	0.1	140	6.2	9.1	4.6	4.8	3.3	7.1	4.0	3.7
Lead	µg/g	0.1	120	2.2	4.2	2.3	3.0	2.0	4.3	5.5	2.5
Molybdenum	µg/g	0.1	6.9	0.2	0.4	0.2	0.2	< 0.1	0.5	0.2	0.1

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L1 = REG153 / SOIL / COARSE - TABLE 2 - Residential/Parkland - UNDEFINED

	Sample Number	26	27	28	29	30	31	32	33
	Sample Name	BH 24-9/SS2	BH 24-10/SS3	BH 24-11/SS2	BH 24-12/SS1	BH 24-12/SS4	BH 24-13/SS3	BH 24-14/SS1	BH 24-14/SS4
	Sample Matrix	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
	Sample Date	19/06/2024	19/06/2024	20/06/2024	20/06/2024	20/06/2024	20/06/2024	20/06/2024	20/06/2024
Parameter	**Units**	**RL**	**L1**	**Result**	**Result**	**Result**	**Result**	**Result**	**Result**	**Result**	**Result**
Metals and Inorganics (continued)											
Nickel	µg/g	0.5	100	4.0	6.7	3.3	4.0	2.4	5.3	4.3	3.1
Silver	µg/g	0.05	20	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Thallium	µg/g	0.02	1	0.04	0.07	0.03	0.04	< 0.02	0.05	0.05	0.03
Uranium	µg/g	0.002	23	0.37	0.44	0.42	0.43	0.35	0.48	0.35	0.32
Vanadium	µg/g	3	86	12	17	15	16	8	13	16	9
Zinc	µg/g	0.7	340	12	22	11	13	8.8	18	21	9.6
Water Soluble Boron	µg/g	0.5	1.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Other (ORP)											
Mercury	ug/g	0.05	0.27	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Sodium Adsorption Ratio	No unit	0.2	5	0.8	2.7	< 0.2	< 0.2	< 0.2	0.2	< 0.2	< 0.2
SAR Calcium	mg/L	0.2		18.2	10.5	24.5	20.7	12.4	20.6	10.9	24.5
SAR Magnesium	mg/L	0.3		0.6	0.4	< 0.3	0.5	0.6	0.6	0.6	0.5
SAR Sodium	mg/L	0.1		12.1	32.4	2.4	2.1	2.1	3.7	1.6	3.0
Conductivity	mS/cm	0.002	0.7	0.15	0.19	0.12	0.12	0.09	0.13	0.06	0.13
pH	pH Units	0.05		7.98	7.61	7.56	7.86	8.01	7.34	6.05	7.40
Chromium VI	µg/g	0.2	8	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
Free Cyanide	µg/g	0.05	0.051	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05

Client: Englobe Corp
Project: 02310769.004, Uxbridge
Project Manager: Prakash Patel
Samplers: Bob Racher

MATRIX: SOIL

L1 = REG153 / SOIL / COARSE - TABLE 2 - Residential/Parkland - UNDEFINED

Sample Number				26	27	28	29	30	31	32	33
Sample Name				BH 24-9/SS2	BH 24-10/SS3	BH 24-11/SS2	BH 24-12/SS1	BH 24-12/SS4	BH 24-13/SS3	BH 24-14/SS1	BH 24-14/SS4
Sample Matrix				Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
Sample Date				19/06/2024	19/06/2024	20/06/2024	20/06/2024	20/06/2024	20/06/2024	20/06/2024	20/06/2024
Parameter	**Units**	**RL**	**L1**	**Result**	**Result**	**Result**	**Result**	**Result**	**Result**	**Result**	**Result**
PAHs											
Acenaphthene	µg/g	0.05	7.9	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Acenaphthylene	µg/g	0.05	0.15	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Anthracene	µg/g	0.05	0.67	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Benzo(a)anthracene	µg/g	0.05	0.5	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Benzo(a)pyrene	µg/g	0.05	0.3	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Benzo(b+j)fluoranthene	µg/g	0.05	0.78	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Benzo(ghi)perylene	µg/g	0.1	6.6	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Benzo(k)fluoranthene	µg/g	0.05	0.78	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Chrysene	µg/g	0.05	7	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Dibenzo(a,h)anthracene	µg/g	0.06	0.1	< 0.06	< 0.06	< 0.06	< 0.06	< 0.06	< 0.06	< 0.06	< 0.06
Fluoranthene	µg/g	0.05	0.69	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Fluorene	µg/g	0.05	62	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Indeno(1,2,3-cd)pyrene	µg/g	0.1	0.38	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
1-Methylnaphthalene	µg/g	0.05		< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
2-Methylnaphthalene	µg/g	0.05		< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Methylnaphthalene, 2-(1-)	µg/g	0.05	0.99	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Naphthalene	µg/g	0.05	0.6	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Phenanthrene	µg/g	0.05	6.2	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Pyrene	µg/g	0.05	78	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05

Client: Englobe Corp
Project: 02310769.004, Uxbridge
Project Manager: Prakash Patel
Samplers: Bob Racher

MATRIX: SOIL

L1 = REG153 / SOIL / COARSE - TABLE 2 - Residential/Parkland - UNDEFINED

	Sample Number	26	27	28	29	30	31	32	33
	Sample Name	BH 24-9/SS2	BH 24-10/SS3	BH 24-11/SS2	BH 24-12/SS1	BH 24-12/SS4	BH 24-13/SS3	BH 24-14/SS1	BH 24-14/SS4
	Sample Matrix	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
	Sample Date	19/06/2024	19/06/2024	20/06/2024	20/06/2024	20/06/2024	20/06/2024	20/06/2024	20/06/2024
Parameter	**Units**	**RL**	**L1**	**Result**	**Result**	**Result**	**Result**	**Result**	**Result**	**Result**	**Result**
PCBs										
Polychlorinated Biphenyls (PCBs) - Total	µg/g	0.3	0.35	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3
PHCs										
F1 (C6-C10)	µg/g	10	55	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10
F1-BTEX (C6-C10)	µg/g	10	55	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10
F2 (C10-C16)	µg/g	10	98	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10
F3 (C16-C34)	µg/g	50	300	< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 50
F4 (C34-C50)	µg/g	50	2800	< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 50
Chromatogram returned to baseline at nC50	Yes / No	no		YES	YES	YES	YES	YES	YES	YES	YES
THMs (VOC)										
Bromodichloromethane	µg/g	0.05	1.5	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Bromoform	µg/g	0.05	0.27	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Dibromochloromethane	µg/g	0.05	2.3	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05

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MATRIX: SOIL

L1 = REG153 / SOIL / COARSE - TABLE 2 - Residential/Parkland - UNDEFINED

	Sample Number			26	27	28	29	30	31	32	33
	Sample Name			BH 24-9/SS2	BH 24-10/SS3	BH 24-11/SS2	BH 24-12/SS1	BH 24-12/SS4	BH 24-13/SS3	BH 24-14/SS1	BH 24-14/SS4
	Sample Matrix			Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
	Sample Date			19/06/2024	19/06/2024	20/06/2024	20/06/2024	20/06/2024	20/06/2024	20/06/2024	20/06/2024
Parameter	**Units**	**RL**	**L1**	**Result**	**Result**	**Result**	**Result**	**Result**	**Result**	**Result**	**Result**
VOC Surrogates											
Surr 1,2-Dichloroethane-d4	Surr Rec %	no		101	103	102	99	100	108	108	108
Surr 4-Bromofluorobenzene	Surr Rec %	no		89	90	88	87	87	91	91	92
Surr 2-Bromo-1-Chloropropane	Surr Rec %	no		87	87	89	86	86	89	89	88
VOCs											
Acetone	µg/g	0.5	16	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Bromomethane	µg/g	0.05	0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Carbon tetrachloride	µg/g	0.05	0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Chlorobenzene	µg/g	0.05	2.4	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
1,2-Dichlorobenzene	µg/g	0.05	1.2	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
1,3-Dichlorobenzene	µg/g	0.05	4.8	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
1,4-Dichlorobenzene	µg/g	0.05	0.083	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Dichlorodifluoromethane	µg/g	0.05	16	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
1,1-Dichloroethane	µg/g	0.05	0.47	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
1,2-Dichloroethane	µg/g	0.05	0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
1,1-Dichloroethylene	µg/g	0.05	0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
trans-1,2-Dichloroethylene	µg/g	0.05	0.084	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
cis-1,2-Dichloroethylene	µg/g	0.05	1.9	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
1,2-Dichloropropane	µg/g	0.05	0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
cis-1,3-dichloropropene	µg/g	0.03		< 0.03	< 0.03	< 0.03	< 0.03	< 0.03	< 0.03	< 0.03	< 0.03
trans-1,3-dichloropropene	µg/g	0.03		< 0.03	< 0.03	< 0.03	< 0.03	< 0.03	< 0.03	< 0.03	< 0.03
1,3-dichloropropene (total)	µg/g	0.05	0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Ethylenedibromide	µg/g	0.05	0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05

Client: Englobe Corp
Project: 02310769.004, Uxbridge
Project Manager: Prakash Patel
Samplers: Bob Racher

MATRIX: SOIL

L1 = REG153 / SOIL / COARSE - TABLE 2 - Residential/Parkland - UNDEFINED

	Sample Number	26	27	28	29	30	31	32	33
	Sample Name	BH 24-9/SS2	BH 24-10/SS3	BH 24-11/SS2	BH 24-12/SS1	BH 24-12/SS4	BH 24-13/SS3	BH 24-14/SS1	BH 24-14/SS4
	Sample Matrix	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
	Sample Date	19/06/2024	19/06/2024	20/06/2024	20/06/2024	20/06/2024	20/06/2024	20/06/2024	20/06/2024
Parameter	**Units**	**RL**	**L1**	**Result**	**Result**	**Result**	**Result**	**Result**	**Result**	**Result**	**Result**
VOCs (continued)										
n-Hexane	µg/g	0.05	2.8	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Methyl ethyl ketone	µg/g	0.5	16	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Methyl isobutyl ketone	µg/g	0.5	1.7	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Methyl-t-butyl Ether	µg/g	0.05	0.75	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Methylene Chloride	µg/g	0.05	0.1	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Styrene	µg/g	0.05	0.7	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Tetrachloroethylene	µg/g	0.05	0.28	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
1,1,1,2-Tetrachloroethane	µg/g	0.05	0.058	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
1,1,2,2-Tetrachloroethane	µg/g	0.05	0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
1,1,1-Trichloroethane	µg/g	0.05	0.38	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
1,1,2-Trichloroethane	µg/g	0.05	0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Trichloroethylene	µg/g	0.05	0.061	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Trichlorofluoromethane	µg/g	0.05	4	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Vinyl Chloride	µg/g	0.02	0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02
Chloroform	µg/g	0.05	0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05

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Samplers: N/A

MATRIX: SOIL

L1 = REG153 / SOIL / COARSE - TABLE 2 - Residential/Parkland - UNDEFINED

Sample Number				34	35	36	37	38	39	40	41
Sample Name				BH 24-15/SS3	BH 24-16/SS1	BH 24-16/SS3	BH 24-16/SS4	BH 24-17/SS1	BH 24-17/SS2	BH 24-17/SS4	DUP#1
Sample Matrix				Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
Sample Date				20/06/2024	19/06/2024	19/06/2024	19/06/2024	17/06/2024	17/06/2024	17/06/2024	17/06/2024
Parameter	**Units**	**RL**	**L1**	**Result**	**Result**	**Result**	**Result**	**Result**	**Result**	**Result**	**Result**
BTEX											
Benzene	µg/g	0.02	0.21	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02
Ethylbenzene	µg/g	0.05	1.1	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Toluene	µg/g	0.05	2.3	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Xylene (total)	µg/g	0.05	3.1	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
m/p-xylene	µg/g	0.05		< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
o-xylene	µg/g	0.05		< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Hydrides											
Antimony	µg/g	0.8	7.5	< 0.8	< 0.8	< 0.8	< 0.8	< 0.8	< 0.8	< 0.8	< 0.8
Arsenic	µg/g	0.5	18	3.7	3.8	3.4	3.7	3.5	4.0	4.7	3.6
Selenium	µg/g	0.1	2.4	0.1	0.2	0.1	0.1	0.1	0.1	0.2	0.2
Metals and Inorganics											
Moisture Content	%	no		13.6	10.1	10.6	17.3	16.7	15.3	12.5	12.6
Barium	µg/g	0.1	390	19	41	13	17	16	22	33	33
Beryllium	µg/g	0.02	4	0.19	0.35	0.16	0.17	0.15	0.18	0.24	0.29
Boron	µg/g	1	120	3	2	3	3	3	4	4	3
Cadmium	µg/g	0.05	1.2	0.06	0.13	< 0.05	< 0.05	< 0.05	< 0.05	0.06	0.12
Chromium	µg/g	0.5	160	5.7	9.3	4.8	5.7	5.5	6.8	8.0	8.5
Cobalt	µg/g	0.01	22	2.5	3.3	2.0	2.2	2.1	2.8	3.3	2.9
Copper	µg/g	0.1	140	7.1	7.3	5.4	6.1	6.4	8.1	9.5	7.4
Lead	µg/g	0.1	120	3.3	9.3	2.1	2.4	2.5	3.5	4.2	27
Molybdenum	µg/g	0.1	6.9	0.2	0.2	0.1	0.1	< 0.1	< 0.1	0.3	0.3

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Samplers: N/A

MATRIX: SOIL

L1 = REG153 / SOIL / COARSE - TABLE 2 - Residential/Parkland - UNDEFINED

	Sample Number	34	35	36	37	38	39	40	41
	Sample Name	BH 24-15/SS3	BH 24-16/SS1	BH 24-16/SS3	BH 24-16/SS4	BH 24-17/SS1	BH 24-17/SS2	BH 24-17/SS4	DUP#1
	Sample Matrix	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
	Sample Date	20/06/2024	19/06/2024	19/06/2024	19/06/2024	17/06/2024	17/06/2024	17/06/2024	17/06/2024
Parameter	**Units**	**RL**	**L1**	**Result**	**Result**	**Result**	**Result**	**Result**	**Result**	**Result**	**Result**
Metals and Inorganics (continued)											
Nickel	µg/g	0.5	100	5.2	6.4	3.6	4.2	4.0	5.9	7.3	5.8
Silver	µg/g	0.05	20	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Thallium	µg/g	0.02	1	0.05	0.07	0.03	0.04	0.03	0.06	0.07	0.05
Uranium	µg/g	0.002	23	0.37	0.47	0.42	0.44	0.44	0.47	0.61	0.46
Vanadium	µg/g	3	86	12	19	12	13	13	14	14	17
Zinc	µg/g	0.7	340	15	27	12	13	14	16	19	30
Water Soluble Boron	µg/g	0.5	1.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Other (ORP)											
Mercury	ug/g	0.05	0.27	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Sodium Adsorption Ratio	No unit	0.2	5	< 0.2	< 0.2	0.3	0.2	30.3	15.3	6.4	13.7
SAR Calcium	mg/L	0.2		20.6	25.8	17.1	15.9	17.2	46.2	21.9	9.0
SAR Magnesium	mg/L	0.3		0.8	0.4	0.6	0.5	1.4	3.0	2.7	< 0.3
SAR Sodium	mg/L	0.1		2.7	2.0	3.9	3.6	490	400	120	150
Conductivity	mS/cm	0.002	0.7	0.11	0.13	0.11	0.10	2.4	2.2	0.78	0.62
pH	pH Units	0.05		7.88	7.79	7.99	8.05	8.03	8.02	7.96	8.02
Chromium VI	µg/g	0.2	8	< 0.2	0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	2.2
Free Cyanide	µg/g	0.05	0.051	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05

Client: Englobe Corp
Project: 02310769.004, Uxbridge
Project Manager: Prakash Patel
Samplers: N/A

MATRIX: SOIL

L1 = REG153 / SOIL / COARSE - TABLE 2 - Residential/Parkland - UNDEFINED

Sample Number				34	35	36	37	38	39	40	41
Sample Name				BH 24-15/SS3	BH 24-16/SS1	BH 24-16/SS3	BH 24-16/SS4	BH 24-17/SS1	BH 24-17/SS2	BH 24-17/SS4	DUP#1
Sample Matrix				Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
Sample Date				20/06/2024	19/06/2024	19/06/2024	19/06/2024	17/06/2024	17/06/2024	17/06/2024	17/06/2024
Parameter	**Units**	**RL**	**L1**	**Result**	**Result**	**Result**	**Result**	**Result**	**Result**	**Result**	**Result**
PAHs											
Acenaphthene	µg/g	0.05	7.9	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Acenaphthylene	µg/g	0.05	0.15	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Anthracene	µg/g	0.05	0.67	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Benzo(a)anthracene	µg/g	0.05	0.5	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Benzo(a)pyrene	µg/g	0.05	0.3	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Benzo(b+j)fluoranthene	µg/g	0.05	0.78	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Benzo(ghi)perylene	µg/g	0.1	6.6	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Benzo(k)fluoranthene	µg/g	0.05	0.78	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Chrysene	µg/g	0.05	7	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Dibenzo(a,h)anthracene	µg/g	0.06	0.1	< 0.06	< 0.06	< 0.06	< 0.06	< 0.06	< 0.06	< 0.06	< 0.06
Fluoranthene	µg/g	0.05	0.69	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Fluorene	µg/g	0.05	62	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Indeno(1,2,3-cd)pyrene	µg/g	0.1	0.38	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
1-Methylnaphthalene	µg/g	0.05		< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
2-Methylnaphthalene	µg/g	0.05		< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Methylnaphthalene, 2-(1-)	µg/g	0.05	0.99	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Naphthalene	µg/g	0.05	0.6	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Phenanthrene	µg/g	0.05	6.2	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Pyrene	µg/g	0.05	78	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05

Client: Englobe Corp
Project: 02310769.004, Uxbridge
Project Manager: Prakash Patel
Samplers: N/A

MATRIX: SOIL

L1 = REG153 / SOIL / COARSE - TABLE 2 - Residential/Parkland - UNDEFINED

	Sample Number			34	35	36	37	38	39	40	41
	Sample Name			BH 24-15/SS3	BH 24-16/SS1	BH 24-16/SS3	BH 24-16/SS4	BH 24-17/SS1	BH 24-17/SS2	BH 24-17/SS4	DUP#1
	Sample Matrix			Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
	Sample Date			20/06/2024	19/06/2024	19/06/2024	19/06/2024	17/06/2024	17/06/2024	17/06/2024	17/06/2024
Parameter	**Units**	**RL**	**L1**	**Result**	**Result**	**Result**	**Result**	**Result**	**Result**	**Result**	**Result**
PCBs											
Polychlorinated Biphenyls (PCBs) - Total	µg/g	0.3	0.35	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3
PHCs											
F1 (C6-C10)	µg/g	10	55	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10
F1-BTEX (C6-C10)	µg/g	10	55	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10
F2 (C10-C16)	µg/g	10	98	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10
F3 (C16-C34)	µg/g	50	300	< 50	< 50	< 50	< 50	56	< 50	< 50	< 50
F4 (C34-C50)	µg/g	50	2800	< 50	< 50	< 50	< 50	118	122	< 50	< 50
Chromatogram returned to baseline at nC50	Yes / No	no		YES	YES	YES	YES	YES	YES	YES	YES
THMs (VOC)											
Bromodichloromethane	µg/g	0.05	1.5	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Bromoform	µg/g	0.05	0.27	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Dibromochloromethane	µg/g	0.05	2.3	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05

Client: Englobe Corp
Project: 02310769.004, Uxbridge
Project Manager: Prakash Patel
Samplers: N/A

MATRIX: SOIL

L1 = REG153 / SOIL / COARSE - TABLE 2 - Residential/Parkland - UNDEFINED

Sample Number				34	35	36	37	38	39	40	41
Sample Name				BH 24-15/SS3	BH 24-16/SS1	BH 24-16/SS3	BH 24-16/SS4	BH 24-17/SS1	BH 24-17/SS2	BH 24-17/SS4	DUP#1
Sample Matrix				Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
Sample Date				20/06/2024	19/06/2024	19/06/2024	19/06/2024	17/06/2024	17/06/2024	17/06/2024	17/06/2024
Parameter	**Units**	**RL**	**L1**	**Result**	**Result**	**Result**	**Result**	**Result**	**Result**	**Result**	**Result**
VOC Surrogates											
Surr 1,2-Dichloroethane-d4	Surr Rec %	no		109	108	108	108	108	109	109	109
Surr 4-Bromofluorobenzene	Surr Rec %	no		91	92	92	92	91	92	92	92
Surr 2-Bromo-1-Chloropropane	Surr Rec %	no		89	89	88	89	89	89	89	89
VOCs											
Acetone	µg/g	0.5	16	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Bromomethane	µg/g	0.05	0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Carbon tetrachloride	µg/g	0.05	0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Chlorobenzene	µg/g	0.05	2.4	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
1,2-Dichlorobenzene	µg/g	0.05	1.2	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
1,3-Dichlorobenzene	µg/g	0.05	4.8	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
1,4-Dichlorobenzene	µg/g	0.05	0.083	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Dichlorodifluoromethane	µg/g	0.05	16	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
1,1-Dichloroethane	µg/g	0.05	0.47	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
1,2-Dichloroethane	µg/g	0.05	0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
1,1-Dichloroethylene	µg/g	0.05	0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
trans-1,2-Dichloroethylene	µg/g	0.05	0.084	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
cis-1,2-Dichloroethylene	µg/g	0.05	1.9	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
1,2-Dichloropropane	µg/g	0.05	0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
cis-1,3-dichloropropene	µg/g	0.03		< 0.03	< 0.03	< 0.03	< 0.03	< 0.03	< 0.03	< 0.03	< 0.03
trans-1,3-dichloropropene	µg/g	0.03		< 0.03	< 0.03	< 0.03	< 0.03	< 0.03	< 0.03	< 0.03	< 0.03
1,3-dichloropropene (total)	µg/g	0.05	0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Ethylenedibromide	µg/g	0.05	0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05

Client: Englobe Corp
Project: 02310769.004, Uxbridge
Project Manager: Prakash Patel
Samplers: N/A

MATRIX: SOIL

L1 = REG153 / SOIL / COARSE - TABLE 2 - Residential/Parkland - UNDEFINED

	Sample Number	34	35	36	37	38	39	40	41
	Sample Name	BH 24-15/SS3	BH 24-16/SS1	BH 24-16/SS3	BH 24-16/SS4	BH 24-17/SS1	BH 24-17/SS2	BH 24-17/SS4	DUP#1
	Sample Matrix	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
	Sample Date	20/06/2024	19/06/2024	19/06/2024	19/06/2024	17/06/2024	17/06/2024	17/06/2024	17/06/2024
Parameter	**Units**	**RL**	**L1**	**Result**	**Result**	**Result**	**Result**	**Result**	**Result**	**Result**	**Result**
VOCs (continued)										
n-Hexane	µg/g	0.05	2.8	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Methyl ethyl ketone	µg/g	0.5	16	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Methyl isobutyl ketone	µg/g	0.5	1.7	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Methyl-t-butyl Ether	µg/g	0.05	0.75	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Methylene Chloride	µg/g	0.05	0.1	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Styrene	µg/g	0.05	0.7	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Tetrachloroethylene	µg/g	0.05	0.28	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
1,1,1,2-Tetrachloroethane	µg/g	0.05	0.058	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
1,1,2,2-Tetrachloroethane	µg/g	0.05	0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
1,1,1-Trichloroethane	µg/g	0.05	0.38	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
1,1,2-Trichloroethane	µg/g	0.05	0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Trichloroethylene	µg/g	0.05	0.061	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Trichlorofluoromethane	µg/g	0.05	4	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Vinyl Chloride	µg/g	0.02	0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02
Chloroform	µg/g	0.05	0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05

Client: Englobe Corp
Project: 02310769.004, Uxbridge
Project Manager: Prakash Patel
Samplers: N/A

MATRIX: SOIL

L1 = REG153 / SOIL / COARSE - TABLE 2 - Residential/Parkland - UNDEFINED

Sample Number				42	43	44
Sample Name				DUP#2	DUP#3	DUP#4
Sample Matrix				Soil	Soil	Soil
Sample Date				18/06/2024	19/06/2024	19/06/2024
Parameter	**Units**	**RL**	**L1**	**Result**	**Result**	**Result**
BTEX						
Benzene	µg/g	0.02	0.21	< 0.02	< 0.02	< 0.02
Ethylbenzene	µg/g	0.05	1.1	< 0.05	< 0.05	< 0.05
Toluene	µg/g	0.05	2.3	< 0.05	< 0.05	< 0.05
Xylene (total)	µg/g	0.05	3.1	< 0.05	< 0.05	< 0.05
m/p-xylene	µg/g	0.05		< 0.05	< 0.05	< 0.05
o-xylene	µg/g	0.05		< 0.05	< 0.05	< 0.05
Hydrides						
Antimony	µg/g	0.8	7.5	< 0.8	< 0.8	< 0.8
Arsenic	µg/g	0.5	18	2.7	3.8	4.2
Selenium	µg/g	0.1	2.4	0.2	0.2	0.2
Metals and Inorganics						
Moisture Content	%	no		15.0	24.7	14.4
Barium	µg/g	0.1	390	27	43	25
Beryllium	µg/g	0.02	4	0.27	0.38	0.20
Boron	µg/g	1	120	2	3	4
Cadmium	µg/g	0.05	1.2	0.11	0.12	0.06
Chromium	µg/g	0.5	160	7.9	10.0	7.3
Cobalt	µg/g	0.01	22	2.8	3.5	3.0
Copper	µg/g	0.1	140	5.5	7.6	8.5
Lead	µg/g	0.1	120	5.9	8.5	3.6
Molybdenum	µg/g	0.1	6.9	0.2	0.2	0.2

Client: Englobe Corp
Project: 02310769.004, Uxbridge
Project Manager: Prakash Patel
Samplers: N/A

MATRIX: SOIL

L1 = REG153 / SOIL / COARSE - TABLE 2 - Residential/Parkland - UNDEFINED

	Sample Number			42	43	44
	Sample Name			DUP#2	DUP#3	DUP#4
	Sample Matrix			Soil	Soil	Soil
	Sample Date			18/06/2024	19/06/2024	19/06/2024
Parameter	**Units**	**RL**	**L1**	**Result**	**Result**	**Result**
Metals and Inorganics (continued)						
Nickel	µg/g	0.5	100	5.2	7.1	6.4
Silver	µg/g	0.05	20	< 0.05	< 0.05	< 0.05
Thallium	µg/g	0.02	1	0.04	0.07	0.06
Uranium	µg/g	0.002	23	0.43	0.46	0.54
Vanadium	µg/g	3	86	17	19	16
Zinc	µg/g	0.7	340	18	26	20
Water Soluble Boron	µg/g	0.5	1.5	< 0.5	< 0.5	< 0.5
Other (ORP)						
Mercury	ug/g	0.05	0.27	< 0.05	< 0.05	< 0.05
Sodium Adsorption Ratio	No unit	0.2	5	0.3	< 0.2	3.1
SAR Calcium	mg/L	0.2		29.4	27.2	9.1
SAR Magnesium	mg/L	0.3		0.6	0.4	0.4
SAR Sodium	mg/L	0.1		6.1	2.8	35.5
Conductivity	mS/cm	0.002	0.7	0.15	0.13	0.19
pH	pH Units	0.05		7.67	7.61	7.90
Chromium VI	µg/g	0.2	8	< 0.2	< 0.2	< 0.2
Free Cyanide	µg/g	0.05	0.051	< 0.05	< 0.05	< 0.05

Client: Englobe Corp
Project: 02310769.004, Uxbridge
Project Manager: Prakash Patel
Samplers: N/A

MATRIX: SOIL

L1 = REG153 / SOIL / COARSE - TABLE 2 - Residential/Parkland - UNDEFINED

Sample Number				42	43	44
Sample Name				DUP#2	DUP#3	DUP#4
Sample Matrix				Soil	Soil	Soil
Sample Date				18/06/2024	19/06/2024	19/06/2024
Parameter	**Units**	**RL**	**L1**	**Result**	**Result**	**Result**
PAHs						
Acenaphthene	µg/g	0.05	7.9	< 0.05	< 0.05	< 0.05
Acenaphthylene	µg/g	0.05	0.15	< 0.05	< 0.05	< 0.05
Anthracene	µg/g	0.05	0.67	< 0.05	< 0.05	< 0.05
Benzo(a)anthracene	µg/g	0.05	0.5	< 0.05	< 0.05	< 0.05
Benzo(a)pyrene	µg/g	0.05	0.3	< 0.05	< 0.05	< 0.05
Benzo(b+j)fluoranthene	µg/g	0.05	0.78	< 0.05	< 0.05	< 0.05
Benzo(ghi)perylene	µg/g	0.1	6.6	< 0.1	< 0.1	< 0.1
Benzo(k)fluoranthene	µg/g	0.05	0.78	< 0.05	< 0.05	< 0.05
Chrysene	µg/g	0.05	7	< 0.05	< 0.05	< 0.05
Dibenzo(a,h)anthracene	µg/g	0.06	0.1	< 0.06	< 0.06	< 0.06
Fluoranthene	µg/g	0.05	0.69	< 0.05	< 0.05	< 0.05
Fluorene	µg/g	0.05	62	< 0.05	< 0.05	< 0.05
Indeno(1,2,3-cd)pyrene	µg/g	0.1	0.38	< 0.1	< 0.1	< 0.1
1-Methylnaphthalene	µg/g	0.05		< 0.05	< 0.05	< 0.05
2-Methylnaphthalene	µg/g	0.05		< 0.05	< 0.05	< 0.05
Methylnaphthalene, 2-(1-)	µg/g	0.05	0.99	< 0.05	< 0.05	< 0.05
Naphthalene	µg/g	0.05	0.6	< 0.05	< 0.05	< 0.05
Phenanthrene	µg/g	0.05	6.2	< 0.05	< 0.05	< 0.05
Pyrene	µg/g	0.05	78	< 0.05	< 0.05	< 0.05

Client: Englobe Corp
Project: 02310769.004, Uxbridge
Project Manager: Prakash Patel
Samplers: N/A

MATRIX: SOIL

L1 = REG153 / SOIL / COARSE - TABLE 2 - Residential/Parkland - UNDEFINED

	Sample Number			42	43	44
	Sample Name			DUP#2	DUP#3	DUP#4
	Sample Matrix			Soil	Soil	Soil
	Sample Date			18/06/2024	19/06/2024	19/06/2024
Parameter	**Units**	**RL**	**L1**	**Result**	**Result**	**Result**
PCBs						
Polychlorinated Biphenyls (PCBs) - Total	µg/g	0.3	0.35	< 0.3	< 0.3	< 0.3
PHCs						
F1 (C6-C10)	µg/g	10	55	< 10	< 10	< 10
F1-BTEX (C6-C10)	µg/g	10	55	< 10	< 10	< 10
F2 (C10-C16)	µg/g	10	98	< 10	< 10	< 10
F3 (C16-C34)	µg/g	50	300	< 50	< 50	< 50
F4 (C34-C50)	µg/g	50	2800	< 50	< 50	< 50
Chromatogram returned to baseline at nC50	Yes / No	no		YES	YES	YES
THMs (VOC)						
Bromodichloromethane	µg/g	0.05	1.5	< 0.05	< 0.05	< 0.05
Bromoform	µg/g	0.05	0.27	< 0.05	< 0.05	< 0.05
Dibromochloromethane	µg/g	0.05	2.3	< 0.05	< 0.05	< 0.05

Client: Englobe Corp
Project: 02310769.004, Uxbridge
Project Manager: Prakash Patel
Samplers: N/A

MATRIX: SOIL

L1 = REG153 / SOIL / COARSE - TABLE 2 - Residential/Parkland - UNDEFINED

				Sample Number	42	43	44
				Sample Name	DUP#2	DUP#3	DUP#4
				Sample Matrix	Soil	Soil	Soil
				Sample Date	18/06/2024	19/06/2024	19/06/2024
Parameter		**Units**	**RL**	**L1**	**Result**	**Result**	**Result**
VOC Surrogates							
Surr 1,2-Dichloroethane-d4		Surr Rec %	no		110	110	106
Surr 4-Bromofluorobenzene		Surr Rec %	no		92	92	92
Surr 2-Bromo-1-Chloropropane		Surr Rec %	no		89	89	90
VOCs							
Acetone		µg/g	0.5	16	< 0.5	< 0.5	< 0.5
Bromomethane		µg/g	0.05	0.05	< 0.05	< 0.05	< 0.05
Carbon tetrachloride		µg/g	0.05	0.05	< 0.05	< 0.05	< 0.05
Chlorobenzene		µg/g	0.05	2.4	< 0.05	< 0.05	< 0.05
1,2-Dichlorobenzene		µg/g	0.05	1.2	< 0.05	< 0.05	< 0.05
1,3-Dichlorobenzene		µg/g	0.05	4.8	< 0.05	< 0.05	< 0.05
1,4-Dichlorobenzene		µg/g	0.05	0.083	< 0.05	< 0.05	< 0.05
Dichlorodifluoromethane		µg/g	0.05	16	< 0.05	< 0.05	< 0.05
1,1-Dichloroethane		µg/g	0.05	0.47	< 0.05	< 0.05	< 0.05
1,2-Dichloroethane		µg/g	0.05	0.05	< 0.05	< 0.05	< 0.05
1,1-Dichloroethylene		µg/g	0.05	0.05	< 0.05	< 0.05	< 0.05
trans-1,2-Dichloroethylene		µg/g	0.05	0.084	< 0.05	< 0.05	< 0.05
cis-1,2-Dichloroethylene		µg/g	0.05	1.9	< 0.05	< 0.05	< 0.05
1,2-Dichloropropane		µg/g	0.05	0.05	< 0.05	< 0.05	< 0.05
cis-1,3-dichloropropene		µg/g	0.03		< 0.03	< 0.03	< 0.03
trans-1,3-dichloropropene		µg/g	0.03		< 0.03	< 0.03	< 0.03
1,3-dichloropropene (total)		µg/g	0.05	0.05	< 0.05	< 0.05	< 0.05
Ethylenedibromide		µg/g	0.05	0.05	< 0.05	< 0.05	< 0.05

Client: Englobe Corp
Project: 02310769.004, Uxbridge
Project Manager: Prakash Patel
Samplers: N/A

MATRIX: SOIL

L1 = REG153 / SOIL / COARSE - TABLE 2 - Residential/Parkland - UNDEFINED

	Sample Number			42	43	44
	Sample Name			DUP#2	DUP#3	DUP#4
	Sample Matrix			Soil	Soil	Soil
	Sample Date			18/06/2024	19/06/2024	19/06/2024
Parameter	**Units**	**RL**	**L1**	**Result**	**Result**	**Result**
VOCs (continued)						
n-Hexane	µg/g	0.05	2.8	< 0.05	< 0.05	< 0.05
Methyl ethyl ketone	µg/g	0.5	16	< 0.5	< 0.5	< 0.5
Methyl isobutyl ketone	µg/g	0.5	1.7	< 0.5	< 0.5	< 0.5
Methyl-t-butyl Ether	µg/g	0.05	0.75	< 0.05	< 0.05	< 0.05
Methylene Chloride	µg/g	0.05	0.1	< 0.05	< 0.05	< 0.05
Styrene	µg/g	0.05	0.7	< 0.05	< 0.05	< 0.05
Tetrachloroethylene	µg/g	0.05	0.28	< 0.05	< 0.05	< 0.05
1,1,1,2-Tetrachloroethane	µg/g	0.05	0.058	< 0.05	< 0.05	< 0.05
1,1,2,2-Tetrachloroethane	µg/g	0.05	0.05	< 0.05	< 0.05	< 0.05
1,1,1-Trichloroethane	µg/g	0.05	0.38	< 0.05	< 0.05	< 0.05
1,1,2-Trichloroethane	µg/g	0.05	0.05	< 0.05	< 0.05	< 0.05
Trichloroethylene	µg/g	0.05	0.061	< 0.05	< 0.05	< 0.05
Trichlorofluoromethane	µg/g	0.05	4	< 0.05	< 0.05	< 0.05
Vinyl Chloride	µg/g	0.02	0.02	< 0.02	< 0.02	< 0.02
Chloroform	µg/g	0.05	0.05	< 0.05	< 0.05	< 0.05

EXCEEDANCE SUMMARY

Parameter	Method	Units	Result	REG153 / SOIL / COARSE - TABLE 2 - Residential/Parkland - UNDEFINED L1
BH 24-1/SS1				
Conductivity	EPA 6010/SM 2510	mS/cm	2.4	0.7
Sodium Adsorption Ratio	MOE 4696e01/EPA 6010	No unit	50.3	5
BH 24-1/SS5				
Sodium Adsorption Ratio	MOE 4696e01/EPA 6010	No unit	5.2	5
BH 24-2/SS2				
Conductivity	EPA 6010/SM 2510	mS/cm	8.0	0.7
Sodium Adsorption Ratio	MOE 4696e01/EPA 6010	No unit	110	5
BH 24-2/SS4				
Conductivity	EPA 6010/SM 2510	mS/cm	3.2	0.7
Sodium Adsorption Ratio	MOE 4696e01/EPA 6010	No unit	20.3	5
BH 24-3/SS1				
Sodium Adsorption Ratio	MOE 4696e01/EPA 6010	No unit	13.4	5
BH 24-3/SS4				
Conductivity	EPA 6010/SM 2510	mS/cm	2.0	0.7
Sodium Adsorption Ratio	MOE 4696e01/EPA 6010	No unit	14.0	5
BH 24-4/SS1				
Conductivity	EPA 6010/SM 2510	mS/cm	6.4	0.7
Sodium Adsorption Ratio	MOE 4696e01/EPA 6010	No unit	93.0	5
BH 24-4/SS5				
Conductivity	EPA 6010/SM 2510	mS/cm	2.2	0.7
Sodium Adsorption Ratio	MOE 4696e01/EPA 6010	No unit	29.9	5
BH 24-5/SS5				
Conductivity	EPA 6010/SM 2510	mS/cm	1.9	0.7
Sodium Adsorption Ratio	MOE 4696e01/EPA 6010	No unit	22.7	5
BH 24-6/SS2				
Conductivity	EPA 6010/SM 2510	mS/cm	4.2	0.7
Sodium Adsorption Ratio	MOE 4696e01/EPA 6010	No unit	62.6	5
BH 24-17/SS1				
Conductivity	EPA 6010/SM 2510	mS/cm	2.4	0.7
Sodium Adsorption Ratio	MOE 4696e01/EPA 6010	No unit	30.3	5

EXCEEDANCE SUMMARY

Parameter	Method	Units	Result	REG153 / SOIL / COARSE - TABLE 2 - Residential/Parkland - UNDEFINED L1
BH 24-17/SS2				
Conductivity	EPA 6010/SM 2510	mS/cm	2.2	0.7
Sodium Adsorption Ratio	MOE 4696e01/EPA 6010	No unit	15.3	5
BH 24-17/SS4				
Conductivity	EPA 6010/SM 2510	mS/cm	0.78	0.7
Sodium Adsorption Ratio	MOE 4696e01/EPA 6010	No unit	6.4	5
DUP#1				
Sodium Adsorption Ratio	MOE 4696e01/EPA 6010	No unit	13.7	5

QC SUMMARY

Conductivity

Method: EPA 6010/SM 2510 I Internal ref.: ME-CA-IENVIEWL-LAK-AN-006

Parameter	QC batch Reference	Units	RL	Method Blank	Duplicate		LCS/Spike Blank			Matrix Spike / Ref.		
					RPD	AC (%)	Spike Recovery (%)	Recovery Limits (%)		Spike Recovery (%)	Recovery Limits (%)	
								Low	High		Low	High
Conductivity	EWL0592-JUN24	mS/cm	0.002	<0.002	0	10	98	90	110	NA		

Cyanide by SFA

Method: SM 4500 I Internal ref.: ME-CA-IENVISFA-LAK-AN-005

Parameter	QC batch Reference	Units	RL	Method Blank	Duplicate		LCS/Spike Blank			Matrix Spike / Ref.		
					RPD	AC (%)	Spike Recovery (%)	Recovery Limits (%)		Spike Recovery (%)	Recovery Limits (%)	
								Low	High		Low	High
Free Cyanide	SKA5092-JUN24	µg/g	0.05	<0.05	ND	20	100	80	120	94	75	125

Hexavalent Chromium by SFA

Method: EPA218.6/EPA3060A I Internal ref.: ME-CA-IENVISKA-LAK-AN-012

Parameter	QC batch Reference	Units	RL	Method Blank	Duplicate		LCS/Spike Blank			Matrix Spike / Ref.		
					RPD	AC (%)	Spike Recovery (%)	Recovery Limits (%)		Spike Recovery (%)	Recovery Limits (%)	
								Low	High		Low	High
Chromium VI	SKA5087-JUN24	ug/g	0.2	<0.2	ND	20	83	80	120	80	75	125
Chromium VI	SKA5088-JUN24	ug/g	0.2	<0.2	ND	20	85	80	120	79	75	125

QC SUMMARY

Mercury by CVAAS

Method: EPA 7471A/EPA 245 | Internal ref.: ME-CA-IENVISPE-LAK-AN-004

Parameter	QC batch Reference	Units	RL	Method Blank	Duplicate		LCS/Spike Blank			Matrix Spike / Ref.		
					RPD	AC (%)	Spike Recovery (%)	Recovery Limits (%)		Spike Recovery (%)	Recovery Limits (%)	
								Low	High		Low	High
Mercury	EMS0218-JUN24	ug/g	0.05	<0.05	ND	20	105	80	120	103	70	130

Metals in aqueous samples - ICP-OES

Method: MOE 4696e01/EPA 6010 | Internal ref.: ME-CA-IENVISPE-LAK-AN-003

Parameter	QC batch Reference	Units	RL	Method Blank	Duplicate		LCS/Spike Blank			Matrix Spike / Ref.		
					RPD	AC (%)	Spike Recovery (%)	Recovery Limits (%)		Spike Recovery (%)	Recovery Limits (%)	
								Low	High		Low	High
SAR Calcium	ESG0049-JUN24	mg/L	0.2	<0.2	2	20	110	80	120	101	70	130
SAR Magnesium	ESG0049-JUN24	mg/L	0.3	<0.3	1	20	107	80	120	102	70	130
SAR Sodium	ESG0049-JUN24	mg/L	0.1	<0.1	9	20	106	80	120	104	70	130

QC SUMMARY

Metals in Soil - Aqua-regia/ICP-MS

Method: EPA 3050/EPA 200.8 | Internal ref.: ME-CA-[ENVISPE-LAK-AN-005

Parameter	QC batch Reference	Units	RL	Method Blank	Duplicate		LCS/Spike Blank			Matrix Spike / Ref.		
					RPD	AC (%)	Spike Recovery (%)	Recovery Limits (%)		Spike Recovery (%)	Recovery Limits (%)	
								Low	High		Low	High
Silver	EMS0218-JUN24	ug/g	0.05	<0.05	ND	20	102	70	130	104	70	130
Arsenic	EMS0218-JUN24	µg/g	0.5	<0.5	1	20	102	70	130	99	70	130
Barium	EMS0218-JUN24	ug/g	0.1	<0.1	7	20	102	70	130	108	70	130
Beryllium	EMS0218-JUN24	µg/g	0.02	<0.02	9	20	99	70	130	107	70	130
Boron	EMS0218-JUN24	µg/g	1	<1	10	20	102	70	130	98	70	130
Cadmium	EMS0218-JUN24	ug/g	0.05	<0.05	13	20	102	70	130	115	70	130
Cobalt	EMS0218-JUN24	µg/g	0.01	<0.01	10	20	105	70	130	107	70	130
Chromium	EMS0218-JUN24	µg/g	0.5	<0.5	5	20	100	70	130	97	70	130
Copper	EMS0218-JUN24	µg/g	0.1	<0.1	9	20	101	70	130	106	70	130
Molybdenum	EMS0218-JUN24	µg/g	0.1	<0.1	15	20	103	70	130	110	70	130
Nickel	EMS0218-JUN24	ug/g	0.5	<0.5	12	20	109	70	130	106	70	130
Lead	EMS0218-JUN24	µg/g	0.1	<0.1	13	20	100	70	130	113	70	130
Antimony	EMS0218-JUN24	µg/g	0.8	<0.8	ND	20	96	70	130	85	70	130
Selenium	EMS0218-JUN24	ug/g	0.1	<0.1	11	20	108	70	130	106	70	130
Thallium	EMS0218-JUN24	µg/g	0.02	<0.02	15	20	NV	70	130	118	70	130
Uranium	EMS0218-JUN24	µg/g	0.002	<0.002	9	20	100	70	130	96	70	130
Vanadium	EMS0218-JUN24	µg/g	3	<3	11	20	107	70	130	99	70	130
Zinc	EMS0218-JUN24	µg/g	0.7	<0.7	11	20	108	70	130	111	70	130

QC SUMMARY

Petroleum Hydrocarbons (F1)

Method: CCME Tier 1 | Internal ref.: ME-CA-[ENV]GC-LAK-AN-010

Parameter	QC batch Reference	Units	RL	Method Blank	Duplicate		LCS/Spike Blank			Matrix Spike / Ref.		
					RPD	AC (%)	Spike Recovery (%)	Recovery Limits (%)		Spike Recovery (%)	Recovery Limits (%)	
								Low	High		Low	High
F1 (C6-C10)	GCM0350-JUN24	µg/g	10	<10	ND	30	97	80	120	94	60	140
F1 (C6-C10)	GCM0383-JUN24	µg/g	10	<10	ND	30	96	80	120	97	60	140
F1 (C6-C10)	GCM0393-JUN24	µg/g	10	<10	ND	30	103	80	120	89	60	140
F1 (C6-C10)	GCM0405-JUN24	µg/g	10	<10	ND	30	89	80	120	93	60	140

QC SUMMARY

Petroleum Hydrocarbons (F2-F4)

Method: CCME Tier 1 I Internal ref.: ME-CA-[ENVIGC-LAK-AN-010

Parameter	QC batch Reference	Units	RL	Method Blank	Duplicate		LCS/Spike Blank			Matrix Spike / Ref.		
					RPD	AC (%)	Spike Recovery (%)	Recovery Limits (%)		Spike Recovery (%)	Recovery Limits (%)	
								Low	High		Low	High
F2 (C10-C16)	GCM0369-JUN24	µg/g	10	<10	ND	30	104	80	120	108	60	140
F3 (C16-C34)	GCM0369-JUN24	µg/g	50	<50	ND	30	104	80	120	108	60	140
F4 (C34-C50)	GCM0369-JUN24	µg/g	50	<50	ND	30	104	80	120	108	60	140
F2 (C10-C16)	GCM0387-JUN24	µg/g	10	<10	ND	30	116	80	120	113	60	140
F3 (C16-C34)	GCM0387-JUN24	µg/g	50	<50	ND	30	116	80	120	113	60	140
F4 (C34-C50)	GCM0387-JUN24	µg/g	50	<50	ND	30	116	80	120	113	60	140
F2 (C10-C16)	GCM0402-JUN24	µg/g	10	<10	ND	30	116	80	120	91	60	140
F3 (C16-C34)	GCM0402-JUN24	µg/g	50	<50	ND	30	116	80	120	91	60	140
F4 (C34-C50)	GCM0402-JUN24	µg/g	50	<50	ND	30	116	80	120	91	60	140

Petroleum Hydrocarbons (F4G)

Method: CCME Tier 1 I Internal ref.: ME-CA-[ENVIGC-LAK-AN-010

Parameter	QC batch Reference	Units	RL	Method Blank	Duplicate		LCS/Spike Blank			Matrix Spike / Ref.		
					RPD	AC (%)	Spike Recovery (%)	Recovery Limits (%)		Spike Recovery (%)	Recovery Limits (%)	
								Low	High		Low	High
CCME F4G-sg (GHH)	GCM0415-JUN24	ug/g	200	<200	NA	30	98	80	120	NA	60	140

QC SUMMARY

pH

Method: SM 4500 I Internal ref.: ME-CA-[ENV]EWL-LAK-AN-001

Parameter	QC batch Reference	Units	RL	Method Blank	Duplicate		LCS/Spike Blank			Matrix Spike / Ref.		
					RPD	AC (%)	Spike Recovery (%)	Recovery Limits (%)		Spike Recovery (%)	Recovery Limits (%)	
								Low	High		Low	High
pH	ARD0125-JUN24	pH Units	0.05		0	20	100	80	120			

Polychlorinated Biphenyls

Method: EPA 3570/8082A/8270C I Internal ref.: ME-CA-[ENV]GC-LAK-AN-001

Parameter	QC batch Reference	Units	RL	Method Blank	Duplicate		LCS/Spike Blank			Matrix Spike / Ref.		
					RPD	AC (%)	Spike Recovery (%)	Recovery Limits (%)		Spike Recovery (%)	Recovery Limits (%)	
								Low	High		Low	High
Polychlorinated Biphenyls (PCBs) - Total	GCM0351-JUN24	µg/g	0.3	< 0.3	ND	40	91	60	140	91	60	140
Polychlorinated Biphenyls (PCBs) - Total	GCM0388-JUN24	µg/g	0.3	< 0.3	ND	40	96	60	140	100	60	140

QC SUMMARY

Semi-Volatile Organics

Method: EPA 3541/8270D | Internal ref.: ME-CA-[ENVIGC-LAK-AN-005

Parameter	QC batch Reference	Units	RL	Method Blank	Duplicate		LCS/Spike Blank			Matrix Spike / Ref.		
					RPD	AC (%)	Spike Recovery (%)	Recovery Limits (%)		Spike Recovery (%)	Recovery Limits (%)	
								Low	High		Low	High
1-Methylnaphthalene	GCM0371-JUN24	µg/g	0.05	< 0.05	ND	40	93	50	140	88	50	140
2-Methylnaphthalene	GCM0371-JUN24	µg/g	0.05	< 0.05	ND	40	93	50	140	88	50	140
Acenaphthene	GCM0371-JUN24	µg/g	0.05	< 0.05	ND	40	100	50	140	94	50	140
Acenaphthylene	GCM0371-JUN24	µg/g	0.05	< 0.05	ND	40	95	50	140	89	50	140
Anthracene	GCM0371-JUN24	µg/g	0.05	< 0.05	ND	40	92	50	140	87	50	140
Benzo(a)anthracene	GCM0371-JUN24	µg/g	0.05	< 0.05	ND	40	97	50	140	92	50	140
Benzo(a)pyrene	GCM0371-JUN24	µg/g	0.05	< 0.05	ND	40	93	50	140	88	50	140
Benzo(b+j)fluoranthene	GCM0371-JUN24	µg/g	0.05	< 0.05	ND	40	95	50	140	89	50	140
Benzo(ghi)perylene	GCM0371-JUN24	µg/g	0.1	< 0.1	ND	40	100	50	140	88	50	140
Benzo(k)fluoranthene	GCM0371-JUN24	µg/g	0.05	< 0.05	ND	40	95	50	140	90	50	140
Chrysene	GCM0371-JUN24	µg/g	0.05	< 0.05	ND	40	95	50	140	89	50	140
Dibenzo(a,h)anthracene	GCM0371-JUN24	µg/g	0.06	< 0.06	ND	40	88	50	140	84	50	140
Fluoranthene	GCM0371-JUN24	µg/g	0.05	< 0.05	ND	40	91	50	140	87	50	140
Fluorene	GCM0371-JUN24	µg/g	0.05	< 0.05	ND	40	93	50	140	88	50	140
Indeno(1,2,3-cd)pyrene	GCM0371-JUN24	µg/g	0.1	< 0.1	ND	40	89	50	140	85	50	140
Naphthalene	GCM0371-JUN24	µg/g	0.05	< 0.05	ND	40	96	50	140	90	50	140
Phenanthrene	GCM0371-JUN24	µg/g	0.05	< 0.05	ND	40	93	50	140	88	50	140
Pyrene	GCM0371-JUN24	µg/g	0.05	< 0.05	ND	40	92	50	140	84	50	140
1-Methylnaphthalene	GCM0375-JUN24	µg/g	0.05	< 0.05	ND	40	90	50	140	74	50	140
2-Methylnaphthalene	GCM0375-JUN24	µg/g	0.05	< 0.05	ND	40	90	50	140	75	50	140

QC SUMMARY

Semi-Volatile Organics (continued)

Method: EPA 3541/8270D | Internal ref.: ME-CA-[ENVIGC-LAK-AN-005

Parameter	QC batch Reference	Units	RL	Method Blank	Duplicate		LCS/Spike Blank			Matrix Spike / Ref.		
					RPD	AC (%)	Spike Recovery (%)	Recovery Limits (%)		Spike Recovery (%)	Recovery Limits (%)	
								Low	High		Low	High
Acenaphthene	GCM0375-JUN24	µg/g	0.05	< 0.05	ND	40	92	50	140	77	50	140
Acenaphthylene	GCM0375-JUN24	µg/g	0.05	< 0.05	ND	40	85	50	140	71	50	140
Anthracene	GCM0375-JUN24	µg/g	0.05	< 0.05	ND	40	86	50	140	71	50	140
Benzo(a)anthracene	GCM0375-JUN24	µg/g	0.05	< 0.05	ND	40	85	50	140	70	50	140
Benzo(a)pyrene	GCM0375-JUN24	µg/g	0.05	< 0.05	ND	40	87	50	140	73	50	140
Benzo(b+j)fluoranthene	GCM0375-JUN24	µg/g	0.05	< 0.05	ND	40	92	50	140	75	50	140
Benzo(ghi)perylene	GCM0375-JUN24	µg/g	0.1	< 0.1	ND	40	82	50	140	65	50	140
Benzo(k)fluoranthene	GCM0375-JUN24	µg/g	0.05	< 0.05	ND	40	91	50	140	76	50	140
Chrysene	GCM0375-JUN24	µg/g	0.05	< 0.05	ND	40	84	50	140	69	50	140
Dibenzo(a,h)anthracene	GCM0375-JUN24	µg/g	0.06	< 0.06	ND	40	84	50	140	70	50	140
Fluoranthene	GCM0375-JUN24	µg/g	0.05	< 0.05	ND	40	88	50	140	72	50	140
Fluorene	GCM0375-JUN24	µg/g	0.05	< 0.05	ND	40	90	50	140	75	50	140
Indeno(1,2,3-cd)pyrene	GCM0375-JUN24	µg/g	0.1	< 0.1	ND	40	83	50	140	66	50	140
Naphthalene	GCM0375-JUN24	µg/g	0.05	< 0.05	ND	40	88	50	140	73	50	140
Phenanthrene	GCM0375-JUN24	µg/g	0.05	< 0.05	ND	40	88	50	140	72	50	140
Pyrene	GCM0375-JUN24	µg/g	0.05	< 0.05	ND	40	85	50	140	70	50	140

QC SUMMARY

Volatile Organics

Method: EPA 5035A/5030B/8260C | Internal ref.: ME-CA-IENVIGC-LAK-AN-004

Parameter	QC batch Reference	Units	RL	Method Blank	Duplicate		LCS/Spike Blank			Matrix Spike / Ref.		
					RPD	AC (%)	Spike Recovery (%)	Recovery Limits (%)		Spike Recovery (%)	Recovery Limits (%)	
								Low	High		Low	High
1,1,1,2-Tetrachloroethane	GCM0349-JUN24	µg/g	0.05	< 0.05	ND	50	103	60	130	108	50	140
1,1,1-Trichloroethane	GCM0349-JUN24	µg/g	0.05	< 0.05	ND	50	98	60	130	106	50	140
1,1,2,2-Tetrachloroethane	GCM0349-JUN24	µg/g	0.05	< 0.05	ND	50	97	60	130	6	50	140
1,1,2-Trichloroethane	GCM0349-JUN24	µg/g	0.05	< 0.05	ND	50	99	60	130	103	50	140
1,1-Dichloroethane	GCM0349-JUN24	µg/g	0.05	< 0.05	ND	50	100	60	130	103	50	140
1,1-Dichloroethylene	GCM0349-JUN24	µg/g	0.05	< 0.05	ND	50	100	60	130	106	50	140
1,2-Dichlorobenzene	GCM0349-JUN24	µg/g	0.05	< 0.05	ND	50	100	60	130	107	50	140
1,2-Dichloroethane	GCM0349-JUN24	µg/g	0.05	< 0.05	ND	50	99	60	130	104	50	140
1,2-Dichloropropane	GCM0349-JUN24	µg/g	0.05	< 0.05	ND	50	100	60	130	101	50	140
1,3-Dichlorobenzene	GCM0349-JUN24	µg/g	0.05	< 0.05	ND	50	99	60	130	106	50	140
1,4-Dichlorobenzene	GCM0349-JUN24	µg/g	0.05	< 0.05	ND	50	100	60	130	106	50	140
Acetone	GCM0349-JUN24	µg/g	0.5	< 0.5	ND	50	104	50	140	110	50	140
Benzene	GCM0349-JUN24	µg/g	0.02	< 0.02	ND	50	100	60	130	103	50	140
Bromodichloromethane	GCM0349-JUN24	µg/g	0.05	< 0.05	ND	50	100	60	130	103	50	140
Bromoform	GCM0349-JUN24	µg/g	0.05	< 0.05	ND	50	100	60	130	102	50	140
Bromomethane	GCM0349-JUN24	µg/g	0.05	< 0.05	ND	50	83	50	140	77	50	140
Carbon tetrachloride	GCM0349-JUN24	µg/g	0.05	< 0.05	ND	50	102	60	130	109	50	140
Chlorobenzene	GCM0349-JUN24	µg/g	0.05	< 0.05	ND	50	97	60	130	101	50	140
Chloroform	GCM0349-JUN24	µg/g	0.05	< 0.05	ND	50	100	60	130	106	50	140
cis-1,2-Dichloroethylene	GCM0349-JUN24	µg/g	0.05	< 0.05	ND	50	100	60	130	102	50	140

QC SUMMARY

Volatile Organics (continued)

Method: EPA 5035A/5030B/8260C | Internal ref.: ME-CA-IENVIGC-LAK-AN-004

Parameter	QC batch Reference	Units	RL	Method Blank	Duplicate		LCS/Spike Blank			Matrix Spike / Ref.		
					RPD	AC (%)	Spike Recovery (%)	Recovery Limits (%)		Spike Recovery (%)	Recovery Limits (%)	
								Low	High		Low	High
cis-1,3-dichloropropene	GCM0349-JUN24	µg/g	0.03	< 0.03	ND	50	103	60	130	99	50	140
Dibromochloromethane	GCM0349-JUN24	µg/g	0.05	< 0.05	ND	50	102	60	130	104	50	140
Dichlorodifluoromethane	GCM0349-JUN24	µg/g	0.05	< 0.05	ND	50	68	50	140	64	50	140
Ethylbenzene	GCM0349-JUN24	µg/g	0.05	< 0.05	ND	50	100	60	130	105	50	140
Ethylenedibromide	GCM0349-JUN24	µg/g	0.05	< 0.05	ND	50	101	60	130	104	50	140
n-Hexane	GCM0349-JUN24	µg/g	0.05	< 0.05	ND	50	88	60	130	87	50	140
m/p-xylene	GCM0349-JUN24	µg/g	0.05	< 0.05	ND	50	99	60	130	104	50	140
Methyl ethyl ketone	GCM0349-JUN24	µg/g	0.5	< 0.5	ND	50	104	50	140	105	50	140
Methyl isobutyl ketone	GCM0349-JUN24	µg/g	0.5	< 0.5	ND	50	108	50	140	111	50	140
Methyl-t-butyl Ether	GCM0349-JUN24	µg/g	0.05	< 0.05	ND	50	107	60	130	113	50	140
Methylene Chloride	GCM0349-JUN24	µg/g	0.05	< 0.05	ND	50	99	60	130	103	50	140
o-xylene	GCM0349-JUN24	µg/g	0.05	< 0.05	ND	50	99	60	130	103	50	140
Styrene	GCM0349-JUN24	µg/g	0.05	< 0.05	ND	50	101	60	130	105	50	140
Tetrachloroethylene	GCM0349-JUN24	µg/g	0.05	< 0.05	ND	50	99	60	130	105	50	140
Toluene	GCM0349-JUN24	µg/g	0.05	< 0.05	ND	50	99	60	130	103	50	140
trans-1,2-Dichloroethylene	GCM0349-JUN24	µg/g	0.05	< 0.05	ND	50	101	60	130	104	50	140
trans-1,3-dichloropropene	GCM0349-JUN24	µg/g	0.03	< 0.03	ND	50	101	60	130	99	50	140
Trichloroethylene	GCM0349-JUN24	µg/g	0.05	< 0.05	ND	50	102	60	130	168	50	140
Trichlorofluoromethane	GCM0349-JUN24	µg/g	0.05	< 0.05	ND	50	97	50	140	117	50	140
Vinyl Chloride	GCM0349-JUN24	µg/g	0.02	< 0.02	ND	50	90	50	140	84	50	140

QC SUMMARY

Volatile Organics (continued)

Method: EPA 5035A/5030B/8260C | Internal ref.: ME-CA-IENVIGC-LAK-AN-004

Parameter	QC batch Reference	Units	RL	Method Blank	Duplicate		LCS/Spike Blank			Matrix Spike / Ref.		
					RPD	AC (%)	Spike Recovery (%)	Recovery Limits (%)		Spike Recovery (%)	Recovery Limits (%)	
								Low	High		Low	High
1,1,1,2-Tetrachloroethane	GCM0382-JUN24	µg/g	0.05	< 0.05	ND	50	98	60	130	84	50	140
1,1,1-Trichloroethane	GCM0382-JUN24	µg/g	0.05	< 0.05	ND	50	97	60	130	87	50	140
1,1,2,2-Tetrachloroethane	GCM0382-JUN24	µg/g	0.05	< 0.05	ND	50	102	60	130	74	50	140
1,1,2-Trichloroethane	GCM0382-JUN24	µg/g	0.05	< 0.05	ND	50	100	60	130	85	50	140
1,1-Dichloroethane	GCM0382-JUN24	µg/g	0.05	< 0.05	ND	50	98	60	130	86	50	140
1,1-Dichloroethylene	GCM0382-JUN24	µg/g	0.05	< 0.05	ND	50	97	60	130	85	50	140
1,2-Dichlorobenzene	GCM0382-JUN24	µg/g	0.05	< 0.05	ND	50	101	60	130	85	50	140
1,2-Dichloroethane	GCM0382-JUN24	µg/g	0.05	< 0.05	ND	50	98	60	130	89	50	140
1,2-Dichloropropane	GCM0382-JUN24	µg/g	0.05	< 0.05	ND	50	98	60	130	83	50	140
1,3-Dichlorobenzene	GCM0382-JUN24	µg/g	0.05	< 0.05	ND	50	100	60	130	84	50	140
1,4-Dichlorobenzene	GCM0382-JUN24	µg/g	0.05	< 0.05	ND	50	101	60	130	84	50	140
Acetone	GCM0382-JUN24	µg/g	0.5	< 0.5	ND	50	100	50	140	91	50	140
Benzene	GCM0382-JUN24	µg/g	0.02	< 0.02	ND	50	99	60	130	85	50	140
Bromodichloromethane	GCM0382-JUN24	µg/g	0.05	< 0.05	ND	50	99	60	130	84	50	140
Bromoform	GCM0382-JUN24	µg/g	0.05	< 0.05	ND	50	101	60	130	78	50	140
Bromomethane	GCM0382-JUN24	µg/g	0.05	< 0.05	ND	50	103	50	140	81	50	140
Carbon tetrachloride	GCM0382-JUN24	µg/g	0.05	< 0.05	ND	50	99	60	130	88	50	140
Chlorobenzene	GCM0382-JUN24	µg/g	0.05	< 0.05	ND	50	102	60	130	84	50	140
Chloroform	GCM0382-JUN24	µg/g	0.05	< 0.05	ND	50	99	60	130	89	50	140
cis-1,2-Dichloroethylene	GCM0382-JUN24	µg/g	0.05	< 0.05	ND	50	98	60	130	82	50	140

QC SUMMARY

Volatile Organics (continued)

Method: EPA 5035A/5030B/8260C | Internal ref.: ME-CA-IENVIGC-LAK-AN-004

Parameter	QC batch Reference	Units	RL	Method Blank	Duplicate		LCS/Spike Blank			Matrix Spike / Ref.		
					RPD	AC (%)	Spike Recovery (%)	Recovery Limits (%)		Spike Recovery (%)	Recovery Limits (%)	
								Low	High		Low	High
cis-1,3-dichloropropene	GCM0382-JUN24	µg/g	0.03	< 0.03	ND	50	102	60	130	80	50	140
Dibromochloromethane	GCM0382-JUN24	µg/g	0.05	< 0.05	ND	50	102	60	130	83	50	140
Dichlorodifluoromethane	GCM0382-JUN24	µg/g	0.05	< 0.05	ND	50	102	50	140	53	50	140
Ethylbenzene	GCM0382-JUN24	µg/g	0.05	< 0.05	ND	50	96	60	130	84	50	140
Ethylenedibromide	GCM0382-JUN24	µg/g	0.05	< 0.05	ND	50	99	60	130	84	50	140
n-Hexane	GCM0382-JUN24	µg/g	0.05	< 0.05	ND	50	88	60	130	59	50	140
m/p-xylene	GCM0382-JUN24	µg/g	0.05	< 0.05	ND	50	97	60	130	84	50	140
Methyl ethyl ketone	GCM0382-JUN24	µg/g	0.5	< 0.5	ND	50	101	50	140	87	50	140
Methyl isobutyl ketone	GCM0382-JUN24	µg/g	0.5	< 0.5	ND	50	104	50	140	88	50	140
Methyl-t-butyl Ether	GCM0382-JUN24	µg/g	0.05	< 0.05	ND	50	101	60	130	91	50	140
Methylene Chloride	GCM0382-JUN24	µg/g	0.05	< 0.05	ND	50	96	60	130	86	50	140
o-xylene	GCM0382-JUN24	µg/g	0.05	< 0.05	ND	50	95	60	130	81	50	140
Styrene	GCM0382-JUN24	µg/g	0.05	< 0.05	ND	50	99	60	130	83	50	140
Tetrachloroethylene	GCM0382-JUN24	µg/g	0.05	< 0.05	ND	50	97	60	130	85	50	140
Toluene	GCM0382-JUN24	µg/g	0.05	< 0.05	ND	50	98	60	130	84	50	140
trans-1,2-Dichloroethylene	GCM0382-JUN24	µg/g	0.05	< 0.05	ND	50	97	60	130	86	50	140
trans-1,3-dichloropropene	GCM0382-JUN24	µg/g	0.03	< 0.03	ND	50	101	60	130	80	50	140
Trichloroethylene	GCM0382-JUN24	µg/g	0.05	< 0.05	ND	50	97	60	130	91	50	140
Trichlorofluoromethane	GCM0382-JUN24	µg/g	0.05	< 0.05	ND	50	99	50	140	95	50	140
Vinyl Chloride	GCM0382-JUN24	µg/g	0.02	< 0.02	ND	50	101	50	140	75	50	140

QC SUMMARY

Volatile Organics (continued)

Method: EPA 5035A/5030B/8260C | Internal ref.: ME-CA-IENVIGC-LAK-AN-004

Parameter	QC batch Reference	Units	RL	Method Blank	Duplicate		LCS/Spike Blank			Matrix Spike / Ref.		
					RPD	AC (%)	Spike Recovery (%)	Recovery Limits (%)		Spike Recovery (%)	Recovery Limits (%)	
								Low	High		Low	High
1,1,1,2-Tetrachloroethane	GCM0392-JUN24	µg/g	0.05	< 0.05	ND	50	103	60	130	98	50	140
1,1,1-Trichloroethane	GCM0392-JUN24	µg/g	0.05	< 0.05	ND	50	103	60	130	101	50	140
1,1,2,2-Tetrachloroethane	GCM0392-JUN24	µg/g	0.05	< 0.05	ND	50	103	60	130	6	50	140
1,1,2-Trichloroethane	GCM0392-JUN24	µg/g	0.05	< 0.05	ND	50	103	60	130	92	50	140
1,1-Dichloroethane	GCM0392-JUN24	µg/g	0.05	< 0.05	ND	50	104	60	130	99	50	140
1,1-Dichloroethylene	GCM0392-JUN24	µg/g	0.05	< 0.05	ND	50	105	60	130	103	50	140
1,2-Dichlorobenzene	GCM0392-JUN24	µg/g	0.05	< 0.05	ND	50	105	60	130	92	50	140
1,2-Dichloroethane	GCM0392-JUN24	µg/g	0.05	< 0.05	ND	50	102	60	130	97	50	140
1,2-Dichloropropane	GCM0392-JUN24	µg/g	0.05	< 0.05	ND	50	103	60	130	97	50	140
1,3-Dichlorobenzene	GCM0392-JUN24	µg/g	0.05	< 0.05	ND	50	104	60	130	93	50	140
1,4-Dichlorobenzene	GCM0392-JUN24	µg/g	0.05	< 0.05	ND	50	105	60	130	91	50	140
Acetone	GCM0392-JUN24	µg/g	0.5	< 0.5	ND	50	104	50	140	87	50	140
Benzene	GCM0392-JUN24	µg/g	0.02	< 0.02	ND	50	103	60	130	99	50	140
Bromodichloromethane	GCM0392-JUN24	µg/g	0.05	< 0.05	ND	50	104	60	130	99	50	140
Bromoform	GCM0392-JUN24	µg/g	0.05	< 0.05	ND	50	105	60	130	90	50	140
Bromomethane	GCM0392-JUN24	µg/g	0.05	< 0.05	ND	50	108	50	140	100	50	140
Carbon tetrachloride	GCM0392-JUN24	µg/g	0.05	< 0.05	ND	50	107	60	130	106	50	140
Chlorobenzene	GCM0392-JUN24	µg/g	0.05	< 0.05	ND	50	101	60	130	97	50	140
Chloroform	GCM0392-JUN24	µg/g	0.05	< 0.05	ND	50	104	60	130	101	50	140
cis-1,2-Dichloroethylene	GCM0392-JUN24	µg/g	0.05	< 0.05	ND	50	103	60	130	97	50	140

QC SUMMARY

Volatile Organics (continued)

Method: EPA 5035A/5030B/8260C | Internal ref.: ME-CA-IENVIGC-LAK-AN-004

Parameter	QC batch Reference	Units	RL	Method Blank	Duplicate		LCS/Spike Blank			Matrix Spike / Ref.		
					RPD	AC (%)	Spike Recovery (%)	Recovery Limits (%)		Spike Recovery (%)	Recovery Limits (%)	
								Low	High		Low	High
cis-1,3-dichloropropene	GCM0392-JUN24	µg/g	0.03	< 0.03	ND	50	107	60	130	97	50	140
Dibromochloromethane	GCM0392-JUN24	µg/g	0.05	< 0.05	ND	50	106	60	130	97	50	140
Dichlorodifluoromethane	GCM0392-JUN24	µg/g	0.05	< 0.05	ND	50	111	50	140	97	50	140
Ethylbenzene	GCM0392-JUN24	µg/g	0.05	< 0.05	ND	50	101	60	130	98	50	140
Ethylenedibromide	GCM0392-JUN24	µg/g	0.05	< 0.05	ND	50	103	60	130	93	50	140
n-Hexane	GCM0392-JUN24	µg/g	0.05	< 0.05	ND	50	100	60	130	96	50	140
m/p-xylene	GCM0392-JUN24	µg/g	0.05	< 0.05	ND	50	102	60	130	98	50	140
Methyl ethyl ketone	GCM0392-JUN24	µg/g	0.5	< 0.5	ND	50	105	50	140	86	50	140
Methyl isobutyl ketone	GCM0392-JUN24	µg/g	0.5	< 0.5	ND	50	109	50	140	92	50	140
Methyl-t-butyl Ether	GCM0392-JUN24	µg/g	0.05	< 0.05	ND	50	106	60	130	96	50	140
Methylene Chloride	GCM0392-JUN24	µg/g	0.05	< 0.05	ND	50	102	60	130	99	50	140
o-xylene	GCM0392-JUN24	µg/g	0.05	< 0.05	ND	50	100	60	130	95	50	140
Styrene	GCM0392-JUN24	µg/g	0.05	< 0.05	ND	50	103	60	130	95	50	140
Tetrachloroethylene	GCM0392-JUN24	µg/g	0.05	< 0.05	ND	50	103	60	130	100	50	140
Toluene	GCM0392-JUN24	µg/g	0.05	< 0.05	ND	50	102	60	130	98	50	140
trans-1,2-Dichloroethylene	GCM0392-JUN24	µg/g	0.05	< 0.05	ND	50	104	60	130	102	50	140
trans-1,3-dichloropropene	GCM0392-JUN24	µg/g	0.03	< 0.03	ND	50	104	60	130	93	50	140
Trichloroethylene	GCM0392-JUN24	µg/g	0.05	< 0.05	ND	50	104	60	130	149	50	140
Trichlorofluoromethane	GCM0392-JUN24	µg/g	0.05	< 0.05	ND	50	106	50	140	114	50	140
Vinyl Chloride	GCM0392-JUN24	µg/g	0.02	< 0.02	ND	50	109	50	140	97	50	140

QC SUMMARY

Volatile Organics (continued)

Method: EPA 5035A/5030B/8260C | Internal ref.: ME-CA-IENVIGC-LAK-AN-004

Parameter	QC batch Reference	Units	RL	Method Blank	Duplicate		LCS/Spike Blank			Matrix Spike / Ref.		
					RPD	AC (%)	Spike Recovery (%)	Recovery Limits (%)		Spike Recovery (%)	Recovery Limits (%)	
								Low	High		Low	High
1,1,1,2-Tetrachloroethane	GCM0404-JUN24	µg/g	0.05	< 0.05	ND	50	99	60	130	97	50	140
1,1,1-Trichloroethane	GCM0404-JUN24	µg/g	0.05	< 0.05	ND	50	99	60	130	99	50	140
1,1,2,2-Tetrachloroethane	GCM0404-JUN24	µg/g	0.05	< 0.05	ND	50	94	60	130	35	50	140
1,1,2-Trichloroethane	GCM0404-JUN24	µg/g	0.05	< 0.05	ND	50	99	60	130	101	50	140
1,1-Dichloroethane	GCM0404-JUN24	µg/g	0.05	< 0.05	ND	50	101	60	130	98	50	140
1,1-Dichloroethylene	GCM0404-JUN24	µg/g	0.05	< 0.05	ND	50	102	60	130	97	50	140
1,2-Dichlorobenzene	GCM0404-JUN24	µg/g	0.05	< 0.05	ND	50	101	60	130	101	50	140
1,2-Dichloroethane	GCM0404-JUN24	µg/g	0.05	< 0.05	ND	50	101	60	130	101	50	140
1,2-Dichloropropane	GCM0404-JUN24	µg/g	0.05	< 0.05	ND	50	100	60	130	95	50	140
1,3-Dichlorobenzene	GCM0404-JUN24	µg/g	0.05	< 0.05	ND	50	99	60	130	99	50	140
1,4-Dichlorobenzene	GCM0404-JUN24	µg/g	0.05	< 0.05	ND	50	100	60	130	99	50	140
Acetone	GCM0404-JUN24	µg/g	0.5	< 0.5	ND	50	106	50	140	114	50	140
Benzene	GCM0404-JUN24	µg/g	0.02	< 0.02	ND	50	100	60	130	98	50	140
Bromodichloromethane	GCM0404-JUN24	µg/g	0.05	< 0.05	ND	50	99	60	130	97	50	140
Bromoform	GCM0404-JUN24	µg/g	0.05	< 0.05	ND	50	100	60	130	101	50	140
Bromomethane	GCM0404-JUN24	µg/g	0.05	< 0.05	ND	50	106	50	140	99	50	140
Carbon tetrachloride	GCM0404-JUN24	µg/g	0.05	< 0.05	ND	50	102	60	130	100	50	140
Chlorobenzene	GCM0404-JUN24	µg/g	0.05	< 0.05	ND	50	98	60	130	98	50	140
Chloroform	GCM0404-JUN24	µg/g	0.05	< 0.05	ND	50	100	60	130	100	50	140
cis-1,2-Dichloroethylene	GCM0404-JUN24	µg/g	0.05	< 0.05	ND	50	99	60	130	95	50	140

QC SUMMARY

Volatile Organics (continued)

Method: EPA 5035A/5030B/8260C | Internal ref.: ME-CA-IENVIGC-LAK-AN-004

Parameter	QC batch Reference	Units	RL	Method Blank	Duplicate		LCS/Spike Blank			Matrix Spike / Ref.		
					RPD	AC (%)	Spike Recovery (%)	Recovery Limits (%)		Spike Recovery (%)	Recovery Limits (%)	
								Low	High		Low	High
cis-1,3-dichloropropene	GCM0404-JUN24	µg/g	0.03	< 0.03	ND	50	103	60	130	96	50	140
Dibromochloromethane	GCM0404-JUN24	µg/g	0.05	< 0.05	ND	50	101	60	130	102	50	140
Dichlorodifluoromethane	GCM0404-JUN24	µg/g	0.05	< 0.05	ND	50	95	50	140	95	50	140
Ethylbenzene	GCM0404-JUN24	µg/g	0.05	< 0.05	ND	50	98	60	130	95	50	140
Ethylenedibromide	GCM0404-JUN24	µg/g	0.05	< 0.05	ND	50	100	60	130	100	50	140
n-Hexane	GCM0404-JUN24	µg/g	0.05	< 0.05	ND	50	88	60	130	78	50	140
m/p-xylene	GCM0404-JUN24	µg/g	0.05	< 0.05	ND	50	98	60	130	95	50	140
Methyl ethyl ketone	GCM0404-JUN24	µg/g	0.5	< 0.5	ND	50	108	50	140	112	50	140
Methyl isobutyl ketone	GCM0404-JUN24	µg/g	0.5	< 0.5	ND	50	109	50	140	113	50	140
Methyl-t-butyl Ether	GCM0404-JUN24	µg/g	0.05	< 0.05	ND	50	105	60	130	107	50	140
Methylene Chloride	GCM0404-JUN24	µg/g	0.05	< 0.05	ND	50	100	60	130	98	50	140
o-xylene	GCM0404-JUN24	µg/g	0.05	< 0.05	ND	50	96	60	130	93	50	140
Styrene	GCM0404-JUN24	µg/g	0.05	< 0.05	ND	50	98	60	130	97	50	140
Tetrachloroethylene	GCM0404-JUN24	µg/g	0.05	< 0.05	ND	50	99	60	130	94	50	140
Toluene	GCM0404-JUN24	µg/g	0.05	< 0.05	ND	50	98	60	130	96	50	140
trans-1,2-Dichloroethylene	GCM0404-JUN24	µg/g	0.05	< 0.05	ND	50	100	60	130	97	50	140
trans-1,3-dichloropropene	GCM0404-JUN24	µg/g	0.03	< 0.03	ND	50	101	60	130	97	50	140
Trichloroethylene	GCM0404-JUN24	µg/g	0.05	< 0.05	ND	50	103	60	130	136	50	140
Trichlorofluoromethane	GCM0404-JUN24	µg/g	0.05	< 0.05	ND	50	97	50	140	107	50	140
Vinyl Chloride	GCM0404-JUN24	µg/g	0.02	< 0.02	ND	50	107	50	140	94	50	140

QC SUMMARY

Water Soluble Boron

Method: O.Reg. 15 3/04 | Internal ref.: ME-CA-[ENV] SPE-LAK-AN-003

Parameter	QC batch Reference	Units	RL	Method Blank	Duplicate		LCS/Spike Blank			Matrix Spike / Ref.		
					RPD	AC (%)	Spike Recovery (%)	Recovery Limits (%)		Spike Recovery (%)	Recovery Limits (%)	
								Low	High		Low	High
Water Soluble Boron	ESG0044-JUN24	µg/g	0.5	<0.5	ND	20	103	80	120	115	70	130

Method Blank: a blank matrix that is carried through the entire analytical procedure. Used to assess laboratory contamination.

Duplicate: Paired analysis of a separate portion of the same sample that is carried through the entire analytical procedure. Used to evaluate measurement precision.

LCS/Spike Blank: Laboratory control sample or spike blank refer to a blank matrix to which a known amount of analyte has been added. Used to evaluate analyte recovery and laboratory accuracy without sample matrix effects.

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

Reference Material: a material or substance matrix matched to the samples that contains a known amount of the analyte of interest. A reference material may be used in place of a matrix spike.

RL: Reporting limit

RPD: Relative percent difference

AC: Acceptance criteria

Multielement Scan Qualifier: as the number of analytes in a scan increases, so does the chance of a limit exceedance by random chance as opposed to a real method problem. Thus, in multielement scans, for the LCS and matrix spike, up to 10% of the analytes may exceed the quoted limits by up to 10% absolute and the spike is considered acceptable.

Duplicate Qualifier: for duplicates as the measured result approaches the RL, the uncertainty associated with the value increases dramatically, thus duplicate acceptance limits apply only where the average of the two duplicates is greater than five times the RL.

Matrix Spike Qualifier: for matrix spikes, as the concentration of the native analyte increases, the uncertainty of the matrix spike recovery increases. Thus, the matrix spike acceptance limits apply only when the concentration of the matrix spike is greater than or equal to the concentration of the native analyte.

LEGEND

FOOTNOTES

NSS	Insufficient sample for analysis.
RL	Reporting Limit.
↑	Reporting limit raised.
↓	Reporting limit lowered.
NA	The sample was not analysed for this analyte
ND	Non Detect

Results relate only to the sample tested.
Data reported represent the sample as submitted to SGS. Solid samples expressed on a dry weight basis.
"Temperature Upon Receipt" is representative of the whole shipment and may not reflect the temperature of individual samples.
Analysis conducted on samples submitted pursuant to or as part of Reg. 153/04, are in accordance to the "Protocol for Analytical Methods Used in the Assessment of Properties under Part XV.1 of the Environmental Protection Act and Excess Soil Quality" published by the Ministry and dated March 9, 2004 as amended.

SGS provides criteria information (such as regulatory or guideline limits and summary of limit exceedances) as a service. Every attempt is made to ensure the criteria information in this report is accurate and current, however, it is not guaranteed. Comparison to the most current criteria is the responsibility of the client and SGS assumes no responsibility for the accuracy of the criteria levels indicated.

SGS Canada Inc. statement of conformity decision rule does not consider uncertainty when analytical results are compared to a specified standard or regulation.

This report supersedes all previous versions.

-- End of Analytical Report --

Request for Laboratory Services and CHAIN OF CUSTODY

No: 039052

Page 1 of 3

SGS Industries & Environment - Lakefield: 185 Concession St., Lakefield, ON K0L 2H0 Phone: 705-652-2000 Fax: 705-652-6365 Web: www.sgs.com/environment
- London: 657 Consortium Court, London, ON, N6E 2S8 Phone: 519-672-4500 Toll Free: 877-848-8060 Fax: 519-672-0361

Laboratory Information Section - Lab use only

Received By: Daisy N
Received Date: 21/06/24 (mm/dd/yy)
Received Time: 11 : 19 (hr : min)
Received By (signature):
Custody Seal Present: Yes ☐ No ☑
Custody Seal Intact: Yes ☐ No ☐
Cooling Agent Present: Yes ☑ No ☐ Type: bagged ice
Temperature Upon Receipt (°C): see attached
CA - 40160 - JUN 24 NP
LAB LIMS #: 24T165243

REPORT INFORMATION

Company: Englobe
Contact: P-Patel
Address: 20 Carlson Ct.
Phone:
Fax:
Email: Pracash.Patel@Englobecorp.com

INVOICE INFORMATION

☑ (same as Report Information)
Company:
Contact:
Address:
Phone:
Email:

Quotation #:
P.O. #:
Project #: 02310769.004
Site Location/ID: Uxbridge

TURNAROUND TIME (TAT) REQUIRED

☑ Regular TAT (5-7days)
TAT's are quoted in business days (exclude statutory holidays & weekends).
Samples received after 6pm or on weekends: TAT begins next business day

RUSH TAT (Additional Charges May Apply): ☐ 1 Day ☐ 2 Days ☐ 3 Days ☐ 4 Days
PLEASE CONFIRM RUSH FEASIBILITY WITH SGS REPRESENTATIVE PRIOR TO SUBMISSION

Specify Due Date:
*NOTE: DRINKING (POTABLE) WATER SAMPLES FOR HUMAN CONSUMPTION MUST BE SUBMITTED WITH SGS DRINKING WATER CHAIN OF CUSTODY

REGULATIONS

☐ O.Reg 153/04 ☐ O.Reg 406/19
☑ Table 1 ☐ Res/Park Soil Texture: ☐ Coarse
☐ Table 2 ☑ Ind/Com ☐ Medium/Fine
☐ Table 3 ☐ Agri/Other
☐ Table ____ Appx. ____
Soil Volume ☐ <350m3 ☐ >350m3

Other Regulations: ☐ Reg 347/558 (3 Day min TAT) ☐ PWQO ☐ MMER ☐ CCME ☐ Other: ☐ MISA ☐ ODWS Not Reportable *See note

Sewer By-Law: ☐ Sanitary ☐ Storm Municipality:

RECORD OF SITE CONDITION (RSC) ☐ YES ☐ NO

ANALYSIS REQUESTED

	SAMPLE IDENTIFICATION	DATE SAMPLED	TIME SAMPLED	# OF BOTTLES	MATRIX	Field Filtered (Y/N)	M&I: Metals & Inorganics (incl CrVI, CN, Hg pH,(B(HWS),EC,SAR-soil) (Cl, Na-water)	M&I: Full Metals Suite (ICP metals plus B(HWS-soil only) Hg, CrVI	M&I: ICP Metals only Sb,As,Ba,Be,B,Cd, Cr,Co,Cu,Pb,Mo,Ni,Se,Ag,Tl,U,V,Zn	SVOC: PAHs only	SVOC: SVOCs all incl PAHs, ABNs, CPs	PCB: Arocolor ☐	PCB: PCBs Total ☑	PHC: F1-F4 + BTEX	PHC: F1-F4 only no BTEX	VOC: VOCs all incl BTEX	VOC: BTEX only	Pest: Pesticides Organochlorine or specify other	Other (please specify)					Sewer Use: Specify pkg:	Water Characterization Pkg: General ☐ Extended ☐	SPLP: Specify tests	TCLP: Specify tests	COMMENTS:
✓ 1	BH 24-1/SS 1	June 18/24	8:36	5	SOIL		✓			✓			✓	✓		✓											
✓ 2	BH 24-1/SS 5	"	8:36	5	Soil		✓			✓			✓	✓		✓											
✓ 3	BH 24-2/SS 2	June 17/24	11:30	5	Soil		✓			✓			✓	✓		✓											
✓ 4	BH 24-2/SS 4	"	11:30	2	Soil		✓			✓			✓														
✓ 5	BH 24-2/SS 5	"	11:30	3	Soil									✓		✓											
✓ 6	BH 24-3/SS 1	"		5	Soil		✓			✓			✓	✓		✓											
✓ 7	BH 24-3/SS 4	"		5	Soil		✓			✓			✓	✓		✓											
✓ 8	BH 24-4/SS 1	"		5	Soil		✓			✓			✓	✓		✓											
✓ 9	BH 24-4/SS 5	"		5	Soil		✓			✓			✓	✓		✓											
✓ 10	BH 24-5/SS 1	June 18/24	10:30	5	Soil		✓			✓			✓	✓		✓											
✓ 11	BH 24-5/SS 5	"	10:30	5	Soil		✓			✓			✓	✓		✓											
✓ 12	BH 24-6/SS 2	"	10:30	5	Soil		✓			✓			✓	✓		✓											

Observations/Comments/Special Instructions

Sampled By (NAME): Bob Racher
Signature: R. Racher.
Date: 06/21/24 (mm/dd/yy)

Relinquished by (NAME):
Signature:
Date: ____/____/____ (mm/dd/yy)

Pink Copy - Client
Yellow & White Copy - SGS

Revision #: 1.7
Date of Issue: 07 JUNE 2023

Request for Laboratory Services and CHAIN OF CUSTODY

SGS Industries & Environment - Lakefield: 185 Concession St., Lakefield, ON K0L 2H0 Phone: 705-652-2000 Fax: 705-652-6365 Web: www.sgs.com/environment
- London: 657 Consortium Court, London, ON, N6E 2S8 Phone: 519-672-4500 Toll Free: 877-848-8060 Fax: 519-672-0361

No: 039053 Page 2 of 3

Laboratory Information Section - Lab use only

Received By: Daisy N
Received Date: 21 / 06 / 24 (mm/dd/yy)
Received Time: 11 : 19 (hr : min)
Received By (signature): DN
Custody Seal Present: Yes ☐ No ☑
Custody Seal Intact: Yes ☐ No ☐
Cooling Agent Present: Yes ☑ No ☐ Type: bagged ice
Temperature Upon Receipt (°C): see attached
CA-40160-Jun24 NP
LAB LIMS #: 24T165243 DN

REPORT INFORMATION	INVOICE INFORMATION
Company: Englobe	☐ (same as Report Information)
Contact: P. Patel	Company:
Address: 20 Carlson Ct.	Contact:
Phone:	Address:
Fax:	Phone:
Email: prakash.patel@Englobecorp.com	Email:

Quotation #: P.O. #:
Project #: 02310769.004 Site Location/ID: Uxbridge

TURNAROUND TIME (TAT) REQUIRED

☑ Regular TAT (5-7days) — TAT's are quoted in business days (exclude statutory holidays & weekends). Samples received after 6pm or on weekends: TAT begins next business day

RUSH TAT (Additional Charges May Apply): ☐ 1 Day ☐ 2 Days ☐ 3 Days ☐ 4 Days

PLEASE CONFIRM RUSH FEASIBILITY WITH SGS REPRESENTATIVE PRIOR TO SUBMISSION

Specify Due Date:

*NOTE: DRINKING (POTABLE) WATER SAMPLES FOR HUMAN CONSUMPTION MUST BE SUBMITTED WITH SGS DRINKING WATER CHAIN OF CUSTODY

REGULATIONS

☐ O.Reg 153/04 ☐ O.Reg 406/19
☑ Table 1 ☐ Res/Park Soil Texture:
☐ Table 2 ☑ Ind/Com ☐ Coarse
☐ Table 3 ☐ Agri/Other ☐ Medium/Fine
☐ Table ____ Appx. ____
Soil Volume ☐ <350m3 ☐ >350m3

Other Regulations: ☐ Reg 347/558 (3 Day min TAT) ☐ PWQO ☐ MMER ☐ CCME ☐ Other: ☐ MISA ☐ ODWS Not Reportable *See note

Sewer By-Law: ☐ Sanitary ☐ Storm Municipality:

RECORD OF SITE CONDITION (RSC) ☐ YES ☐ NO

ANALYSIS REQUESTED

	SAMPLE IDENTIFICATION	DATE SAMPLED	TIME SAMPLED	# OF BOTTLES	MATRIX	Field Filtered (Y/N)	M&I: Metals & Inorganics (incl CrVI, CN, Hg pH,(B(HWS),EC,SAR-soil) (Cl, Na-water)	M&I: Full Metals Suite (ICP metals plus B(HWS-soil only) Hg, CrVI	M&I: ICP Metals only Sb,As,Ba,Be,B,Cd, Cr,Co,Cu,Pb,Mo,Ni,Se,Ag,Tl,U,V,Zn	SVOC: PAHs only	SVOC: SVOCs all incl PAHs, ABNs, CPs	PCB: PCBs Total ☐ Aroclor ☐	PHC: F1-F4 + BTEX	PHC: F1-F4 only no BTEX	VOC: VOCs all incl BTEX	VOC: BTEX only	Pest: Pesticides Organochlorine or specify other	Other (please specify)	Other	Other	Other	Other: Sewer Use: Specify pkg:	Other: Water Characterization Pkg General ☐ Extended ☐	SPLP: Specify tests ☐Metals ☐VOC ☐1,4-Dioxane ☐OCP ☐ABN	TCLP: Specify tests ☐M&I ☐VOC ☐PCB ☐B(a)P ☐ABN ☐Ignit.	COMMENTS:
✓ 1	BH 24-7/SS 3	June 18	~~8:20~~	5	SOIL		✓			✓			✓		✓											
✓ 2	BH 24-7/SS 6	June 18	~~8:20~~	5			✓			✓			✓		✓											
✓ 3	BH 24-8/SS 2	June 19	8:20	5			✓			✓			✓		✓											
✓ 4	BH 24-8/SS 5	"	8:20	5			✓			✓			✓		✓											
✓ 5	BH 24-9/SS 2	"	11:20	5			✓			✓			✓		✓											
✓ 6	BH 24-10/SS 3	"		5			✓			✓			✓		✓											
✓ 7	BH 24-11/SS 2	June 20	8:20	5			✓			✓			✓		✓											
✓ 8	BH 24-12/SS 1	"	9:55	5			✓			✓			✓		✓											
✓ 9	BH 24-12/SS 4	"	9:55	5			✓			✓			✓		✓											
✓ 10	BH 24-13/SS 3	"	11:30	5			✓			✓			✓		✓											
✓ 11	BH 24-14/SS 1	"	2:10	5			✓			✓			✓		✓											
✓ 12	BH 24-14/SS 4	"	2:10	5			✓			✓			✓		✓											

Observations/Comments/Special Instructions

Sampled By (NAME): Bob Racher Signature: R Racher. Date: 06 / 21 / 24 (mm/dd/yy)

Relinquished by (NAME): Signature: Date: / / (mm/dd/yy)

Pink Copy - Client
Yellow & White Copy - SGS

Revision #: 1.7
Date of Issue: 07 JUNE 2023

Request for Laboratory Services and CHAIN OF CUSTODY

SGS

Industries & Environment - Lakefield: 185 Concession St., Lakefield, ON K0L 2H0 Phone: 705-652-2000 Fax: 705-652-6365 Web: www.sgs.com/environment
- London: 657 Consortium Court, London, ON, N6E 2S8 Phone: 519-672-4500 Toll Free: 877-848-8060 Fax: 519-672-0361

No: 039054

Laboratory Information Section - Lab use only

Received By: Daisy N
Received Date: 21 / 06 / 24 (mm/dd/yy)
Received Time: 11 : 19 (hr : min)
Received By (signature):
Custody Seal Present: Yes ☐ No ☑
Custody Seal Intact: Yes ☐ No ☐
Cooling Agent Present: Yes ☑ No ☐ Type: bagged ice
Temperature Upon Receipt (°C) see attached
CA-40160-Jun24
LAB LIMS #: 24T165243

REPORT INFORMATION	INVOICE INFORMATION
Company: Englobe Corp.	☐ (same as Report Information)
Contact: P. Patel	Company:
Address: 20 Carlson Ct.	Contact:
Phone:	Address:
Fax:	Phone:
Email: Prakash.Patel@Englobecorp.com	Email:

Quotation #:
P.O. #:
Project #: 02310769.004
Site Location/ID: Uxbridge

TURNAROUND TIME (TAT) REQUIRED

☑ Regular TAT (5-7days)

TAT's are quoted in business days (exclude statutory holidays & weekends).
Samples received after 6pm or on weekends: TAT begins next business day

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Specify Due Date:

*NOTE: DRINKING (POTABLE) WATER SAMPLES FOR HUMAN CONSUMPTION MUST BE SUBMITTED WITH SGS DRINKING WATER CHAIN OF CUSTODY

REGULATIONS

☐ O.Reg 153/04 ☐ O.Reg 406/19
☐ Table 1 ☐ Res/Park Soil Texture: ☐ Coarse
☐ Table 2 ☐ Ind/Com ☐ Medium/Fine
☐ Table 3 ☐ Agri/Other
☐ Table ____ Appx. ____
Soil Volume ☐ <350m3 ☐ >350m3

Other Regulations:
☐ Reg 347/558 (3 Day min TAT)
☐ PWQO ☐ MMER
☐ CCME ☐ Other:
☐ MISA
☐ ODWS Not Reportable *See note

Sewer By-Law:
☐ Sanitary
☐ Storm
Municipality:

RECORD OF SITE CONDITION (RSC) ☐ YES ☐ NO

ANALYSIS REQUESTED

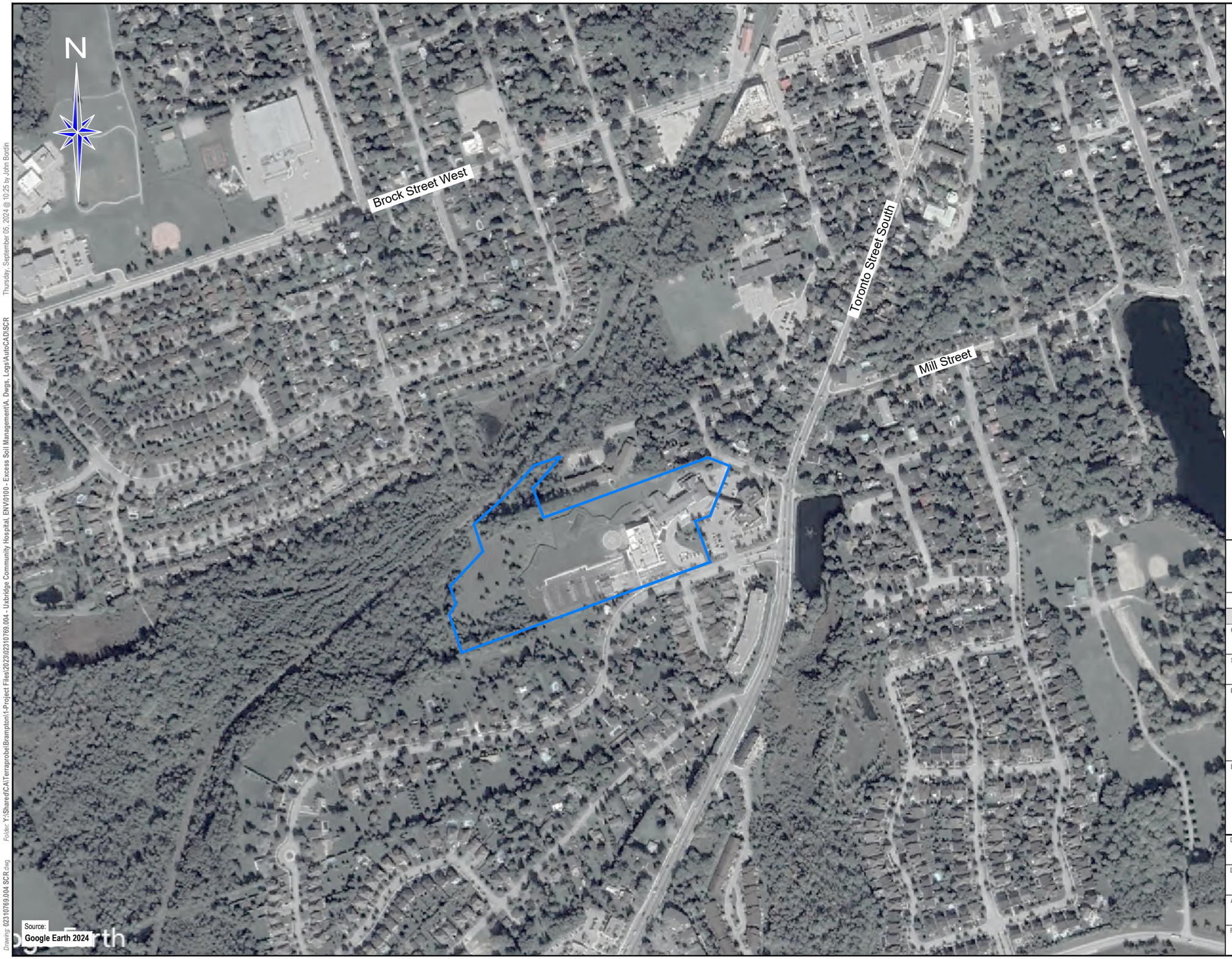
	SAMPLE IDENTIFICATION	DATE SAMPLED	TIME SAMPLED	# OF BOTTLES	MATRIX	Field Filtered (Y/N)	M & I: Metals & Inorganics (incl CrVI, CN, Hg pH,(B(HWS),EC,SAR–soil) (Cl, Na–water)	M & I: Full Metals Suite ICP metals plus B(HWS-soil only) Hg, CrVI	M & I: ICP Metals only Sb,As,Ba,Be,B,Cd, Cr,Co,Cu,Pb,Mo,Ni,Se,Ag,Tl,U,V,Zn	SVOC: PAHs only	SVOC: SVOCs all incl PAHs, ABNs, CPs	PCB: PCBs Total ☐ Aroclor ☐	PHC: F1-F4 + BTEX	PHC: F1-F4 only no BTEX	VOC: VOCs all incl BTEX	VOC: BTEX only	Pest: Pesticides Organochlorine or specify other	Other (please specify)	Other	Other	Other	Other: Sewer Use: Specify pkg:	Other: Water Characterization Pkg General ☐ Extended ☐	SPLP: Specify tests ☐Metals ☐VOC ☐1,4-Dioxane ☐OCP ☐ABN	TCLP: Specify tests ☐M&I ☐VOC ☐PCB ☐B(a)P ☐ABN ☐Ignit.	COMMENTS:
✓ 1	BH 24-15/SS 3	June 20	1:10	5	SOIL		✓			✓		✓	✓		✓											
✓ 2	BH 24-16/SS 1	June 19	10:23	5			✓			✓		✓	✓		✓											
✓ 3	BH 24-16/SS #3	"	10:23	5			✓			✓		✓	✓		✓											
✓ 4	BH 24-16/SS 4	"	10:23	5			✓			✓		✓	✓		✓											
✓ 5	BH 24-17/SS 1	June 17	1:00	5			✓			✓		✓	✓		✓											
✓ 6	BH 24-17/SS 2	"	1:00	5			✓			✓		✓	✓		✓											
✓ 7	BH 24-17/SS 4	"	1:00	5			✓			✓		✓	✓		✓											
✓ 8	DUP #1	June 17		5			✓			✓		✓	✓		✓											
✓ 9	DUP #2	June 18		5			✓			✓		✓	✓		✓											
✓ 10	DUP #3	June 19		5			✓			✓		✓	✓		✓											
✓ 11	DUP #4	June 19																								
12																										

Observations/Comments/Special Instructions

Sampled By (NAME):	Signature:	Date: ____/____/____ (mm/dd/yy)	Pink Copy - Client
Relinquished by (NAME):	Signature:	Date: ____/____/____ (mm/dd/yy)	Yellow & White Copy - SGS

Figures

ENGLOBE



Note

1. This drawing shall be read in conjunction with the associated technical report.
2. Drawing scale may be distorted. Measurements/locations taken from the drawing must be verified in the field.

Legend

Site Boundary

1:5 000

0 50 100 150 200 250 m

Revision	Date	Issue	Approval
A		Final	M.S

Client: **Oak Valley Health**

Site: **Uxbridge Community Hospital**

Report Title: **Soil Characterization Report**

Drawing Title: **Site Location Plan**

Designed By: P.P	Scale: As Shown
Drawn By: J.B	Date: September 2024
Approved By: M.S	Project No.: 02310769.004
Figure No.: 1	

20 Carlson Court, Etobicoke, Ontario | M9W 7K6 | Tel: (905) 796-2650 | Website: www.englobecorp.com

Drawing: 02310769.004 SCR.dwg Folder: Y:\Shared\CAD\Terraprobe\Brampton\1-Project Files\2023\02310769.004 - Uxbridge Community Hospital, ENV\0100 - Excess Soil Management\A. Dwgs, Logs\AutoCAD\SCR Thursday, September 05, 2024 @ 10:25 by John Bordin

ENGLOBE

Note

1. This drawing shall be read in conjunction with the associated technical report.
2. Drawing scale may be distorted. Measurements/locations taken from the drawing must be verified in the field.

Legend

- Site Boundary
- Site Area (250m Radius)
- Residential Property Use
- Community Property Use (Roads)
- Institutional Property Use
- Park Property Use
- Rail Corridor Use
- APEC 1 - On-Site - PCA#30
- APEC 2 - On-Site - #NA1

1:4 000

0 40 80 120 160 200 m

A		Final	M.S
Revision	Date	Issue	Approval

Client: Oak Valley Health

Site: Uxbridge Community Hospital

Report Title: **Soil Characterization Report**

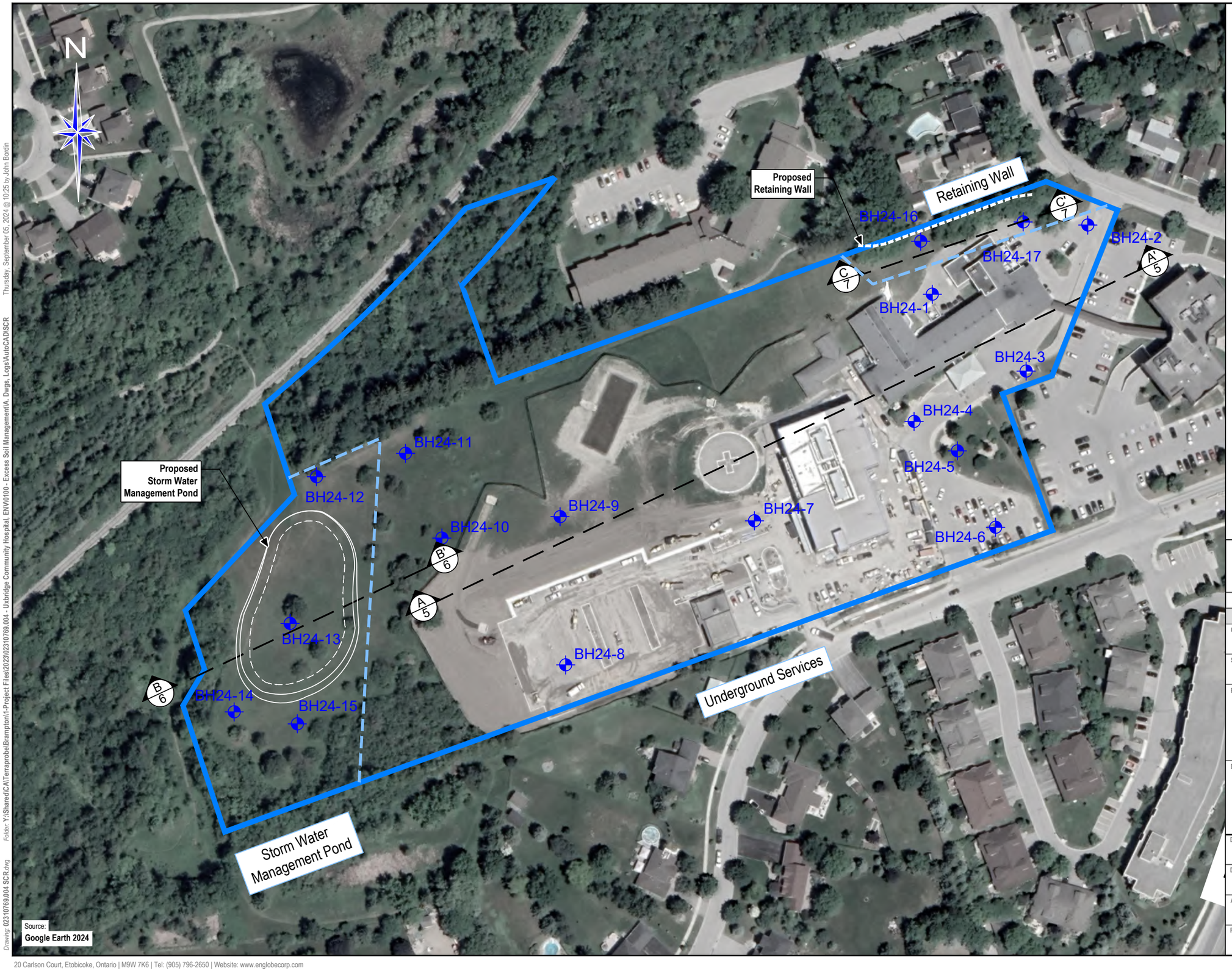
Drawing Title: **Adjacent Property Uses, PCAs & APECs**

Designed By	Scale
P.P	As Shown
Drawn By	**Date**
J.B	September 2024
Approved By	**Project No.**
M.S	02310769.004

Figure No. **2**

Drawing: 02310769.004 SCR.dwg Folder: Y:\Shared\CAT\erroprobe\Brampton\1-Project Files\2023\02310769.004 - Uxbridge Community Hospital, ENV0100 - Excess Soil Management\A. Dwgs, Logs\AutoCAD\SCR Thursday, September 05, 2024 @ 10:25 by John Bordin

20 Carlson Court, Etobicoke, Ontario | M9W 7K6 | Tel: (905) 796-2650 | Website: www.englobecorp.com



ENGLOBE

Note

1. This drawing shall be read in conjunction with the associated technical report.
2. Drawing scale may be distorted. Measurements/locations taken from the drawing must be verified in the field.

Legend

- Site Boundary
- Borehole Locations
- Cross Section Reference
- Cross Section Figure

1:1 500

0 25 50 75 m

Revision	Date	Issue	Approval
A		Final	M.S

Client: Oak Valley Health

Site: Uxbridge Community Hospital

Report Title: **Soil Characterization Report**

Drawing Title: **Borehole and Cross Section Location Plan**

Designed By: P.P	Scale: As Shown
Drawn By: J.B	Date: September 2024
Approved By: M.S	Project No.: 02310769.004
Figure No.: **3**	

Note

1. This drawing shall be read in conjunction with the associated technical report.
2. Drawing scale may be distorted. Measurements/locations taken from the drawing must be verified in the field.

Legend

- Site Boundary
- Borehole Locations

Soil Classification	Soil Quality
Category 1 (Green)	Soil Meets 2011 MECP Table 1 Standards with the exception of exceedances of EC &/or SAR.
Category 2 (Purple)	Soil Exceeds 2011 MECP Table 1 Standards but meets Table 2.1 RPI Standards, with the exception of exceedances of EC &/or SAR.
Category 3 (Orange)	Soil Exceeds MECP Table 2.1 RPI Standards but meets MECP Table 3.1 ICC Standards, with the exception of exceedances of EC &/or SAR.
Category 4 (Red)	Soil Exceeds MECP Table 3.1 & Table 3 ICC.

1:1 500

0 25 50 75 m

A		Final	M.S
Revision	Date	Issue	Approval

Client: **Oak Valley Health**

Site: **Uxbridge Community Hospital**

Report Title: **Soil Characterization Report**

Drawing Title: **Plan View of Soil Quality**

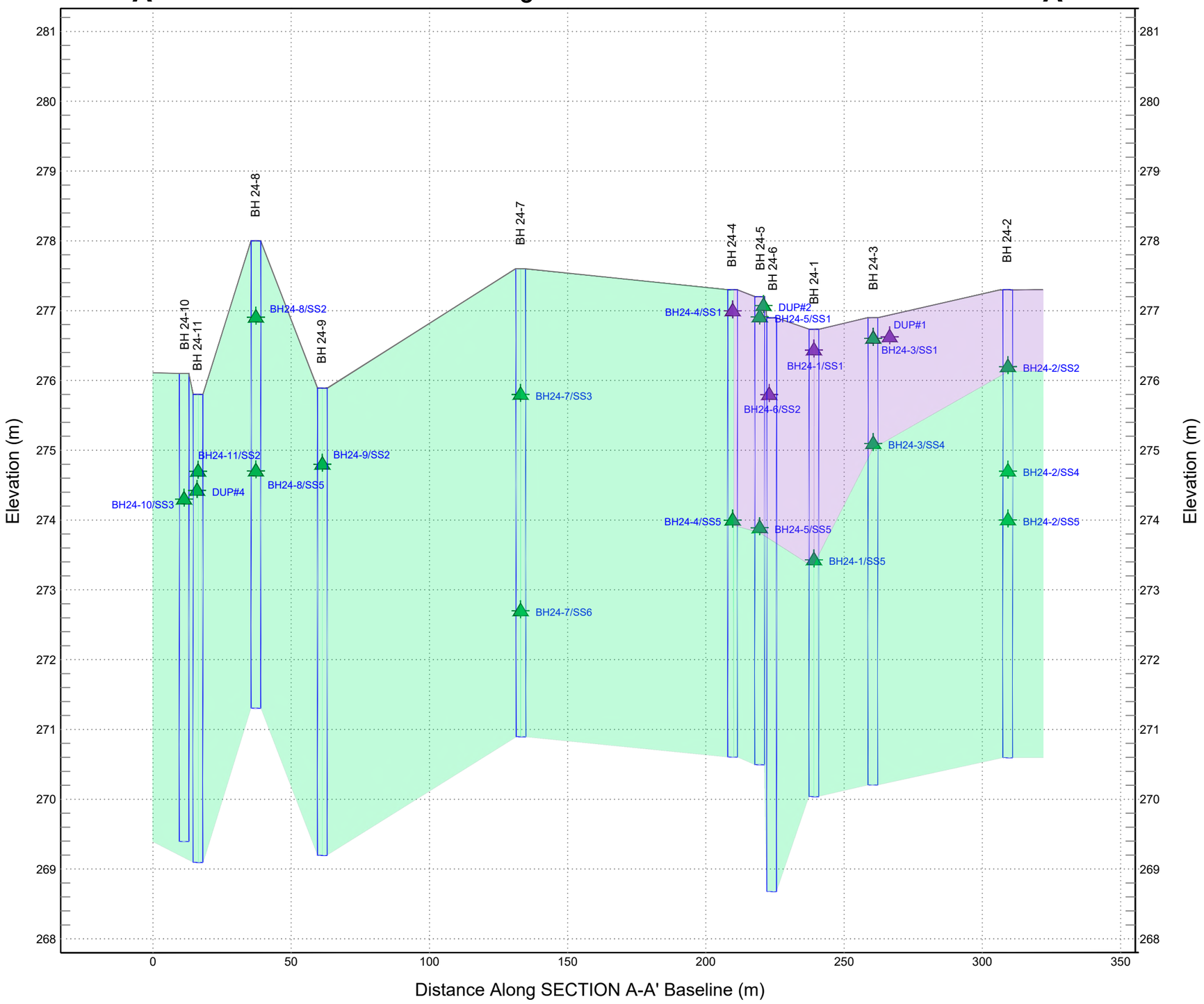
Designed By	Scale
P.P	As Shown
Drawn By	**Date**
J.B	September 2024
Approved By	**Project No.**
M.S	02310769.004

Figure No. **4**

20 Carlson Court, Etobicoke, Ontario | M9W 7K6 | Tel: (905) 796-2650 | Website: www.englobecorp.com

Drawing: 02310769.004 SCR.dwg Folder: Y:\Shared\CA\Terraprobe\Brampton\1-Project Files\2023\02310769.004 - Uxbridge Community Hospital, ENV\0100 - Excess Soil Management\A. Dwgs, Logs\AutoCAD\SCR Thursday, September 05, 2024 @ 10:25 by John Bordin

Underground Services



Note

1. This drawing shall be read in conjunction with the associated technical report.
2. Drawing scale may be distorted. Measurements/locations taken from the drawing must be verified in the field.

Legend

Sample Location

Soil Classification	Soil Quality
Category 1 (Green)	Soil Meets 2011 MECP Table 1 Standards with the exception of exceedances of EC &/or SAR.
Category 2 (Purple)	Soil Exceeds 2011 MECP Table 1 Standards but meets Table 2.1 RPI Standards, with the exception of exceedances of EC &/or SAR.
Category 3 (Orange)	Soil Exceeds MECP Table 2.1 RPI Standards but meets MECP Table 3.1 ICC Standards, with the exception of exceedances of EC &/or SAR.
Category 4 (Red)	Soil Exceeds MECP Table 3.1 & Table 3 ICC.

Horizontal: 0 10 20 30 40 50 60m

Vertical: 0 0.5 1 1.5 2 2.5m

A		Final	M.S
Revision	Date	Issue	Approval

Client: **Oak Valley Health**

Site: **Uxbridge Community Hospital**

Report Title: **Soil Characterization Report**

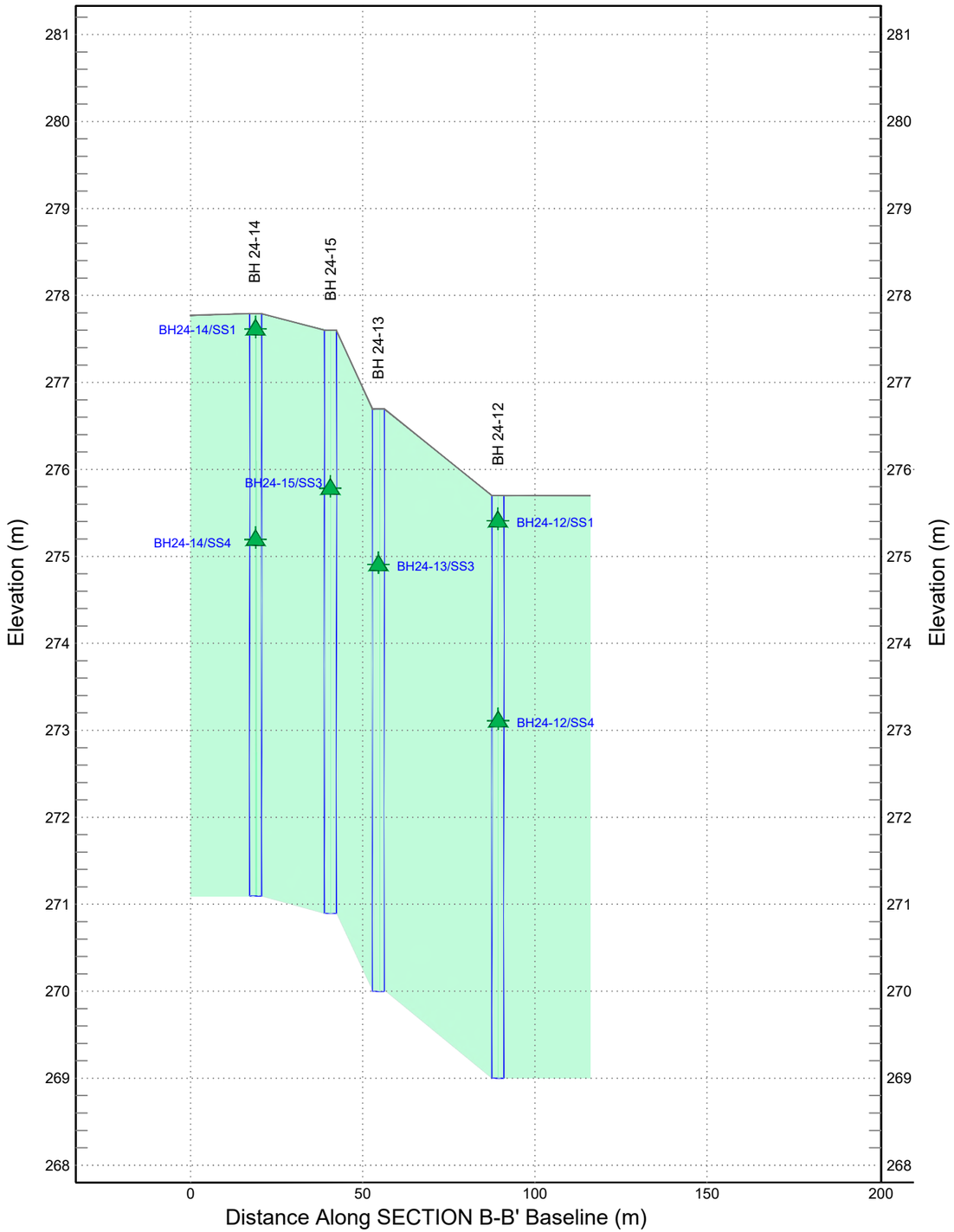
Drawing Title: **Profile View - Section A-A' Underground Service**

Designed By	Scale
P.P	As Shown
Drawn By	**Date**
J.B	September 2024
Approved By	**Project No.**
M.S	02310769.004

Figure No. **5**

20 Carlson Court, Etobicoke, Ontario | M9W 7K6 | Tel: (905) 796-2650 | Website: www.englobecorp.com

B Storm Water Management Pond B'



Note

1. This drawing shall be read in conjunction with the associated technical report.
2. Drawing scale may be distorted. Measurements/locations taken from the drawing must be verified in the field.

Legend

Sample Location

Soil Classification	Soil Quality
Category 1 (Green)	Soil Meets 2011 MECP Table 1 Standards with the exception of exceedances of EC &/or SAR.
Category 2 (Purple)	Soil Exceeds 2011 MECP Table 1 Standards but meets Table 2.1 RPI Standards, with the exception of exceedances of EC &/or SAR.
Category 3 (Orange)	Soil Exceeds MECP Table 2.1 RPI Standards but meets MECP Table 3.1 ICC Standards, with the exception of exceedances of EC &/or SAR.
Category 4 (Red)	Soil Exceeds MECP Table 3.1 & Table 3 ICC.

Horizontal 0 10 20 30 40 50 60m

Vertical 0 0.5 1 1.5 2 2.5m

Revision	Date	Issue	Approval
A		Final	M.S

Client: **Oak Valley Health**

Site: **Uxbridge Community Hospital**

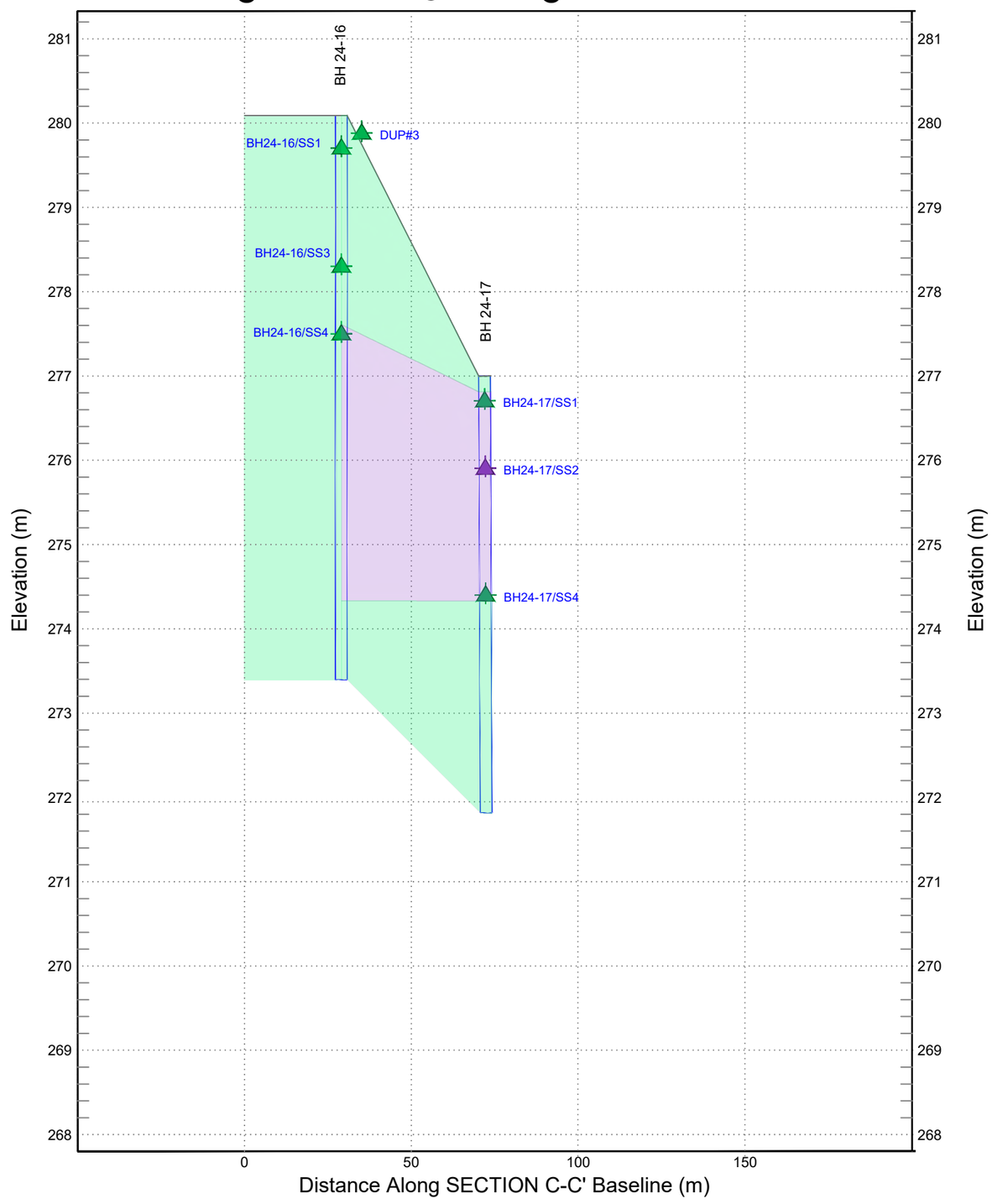
Report Title: **Soil Characterization Report**

Drawing Title: **Profile View - Section B-B'**
Storm Water Management Pond

Designed By: P.P	Scale: As Shown
Drawn By: J.B	Date: September 2024
Approved By: M.S	Project No.: 02310769.004

Figure No.: **6**

20 Carlson Court, Etobicoke, Ontario | M9W 7K6 | Tel: (905) 796-2650 | Website: www.englobecorp.com



ENGLOBE

Note

1. This drawing shall be read in conjunction with the associated technical report.
2. Drawing scale may be distorted. Measurements/locations taken from the drawing must be verified in the field.

Legend

Sample Location

Soil Classification	Soil Quality
Category 1 (Green)	Soil Meets 2011 MECP Table 1 Standards with the exception of exceedances of EC &/or SAR.
Category 2 (Purple)	Soil Exceeds 2011 MECP Table 1 Standards but meets Table 2.1 RPI Standards, with the exception of exceedances of EC &/or SAR.
Category 3 (Orange)	Soil Exceeds MECP Table 2.1 RPI Standards but meets MECP Table 3.1 ICC Standards, with the exception of exceedances of EC &/or SAR.
Category 4 (Red)	Soil Exceeds MECP Table 3.1 & Table 3 ICC.

Horizontal 0 10 20 30 40 50 60m

Vertical 0 0.5 1 1.5 2 2.5m

A		Final	M.S
Revision	Date	Issue	Approval

Client: **Oak Valley Health**

Site: **Uxbridge Community Hospital**

Report Title: **Soil Characterization Report**

Drawing Title: **Profile View - Section C-C'**
Retaining Wall

Designed By	Scale
P.P	As Shown
Drawn By	Date
J.B	September 2024
Approved By	Project No.
M.S	02310769.004

Figure No. **7**

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Appendix A Borehole Logs

ENGLOBE

LOG OF BOREHOLE 24-1

Project No.	: 02310769.002	Client	: Oak Valley Health	Originated by	: BR
Date started	: June 18, 2024	Project	: Uxbridge Community Hospital	Compiled by	: AS
Sheet No.	: 1 of 1	Location	: Uxbridge, ON	Checked by	: AS

Position : E: 649866, N: 4885021 (UTM 17T) Elevation Datum : Geodetic

Rig type : Track-mounted Drilling Method : Solid stem augers

Depth Scale (m)	Elev Depth (m)	Description	Graphic Log	Number	Type	SPT 'N' Value	Elevation Scale (m)	Penetration Test Values (Blows / 0.3m) / Undrained Shear Strength (kPa)	Moisture / Plasticity	Headspace Vapour (ppm)	Instrument Details	Unstabilized Water Level	Lab Data and Comments
0	**276.6**	**GROUND SURFACE**					276						
		100mm **ASPHALTIC CONCRETE**											
	276.2	250mm **AGGREGATE**		1	SS	18				PID: 0			SS1 Analysis: M&I, BTEX, PAH, PCB, VOC, PHC
	0.4	**FILL**, sandy silt, trace to some gravel, trace clay, trace organics, compact, dark brown, moist								FID: 0			
	275.8												
1	0.8	**SILT**, trace to some clay, trace to some sand, compact to very dense, brown, moist		2	SS	35				PID: 0 FID: 1			
							275						
				3	SS	16				PID: 0 FID: 1			0 16 68 16
2													
		...brownish grey below		4	SS	61	274			PID: 0 FID: 3			
3													
				5	SS	44				PID: 15 FID: 1			SS5 Analysis: M&I, BTEX, PAH, PCB, VOC, PHC
							273						
4													
		...dilatent and wet below					272						wet sampler
				6	SS	48				PID: 15 FID: 1			
5													
							271						
6													
				7	SS	32				PID: 0 FID: 1			
	269.9						270						
	6.7	**END OF BOREHOLE**											

Penetration Test Values (Blows / 0.3m): Dynamic Cone; 10 20 30 40

Undrained Shear Strength (kPa): Unconfined, Pocket Penetrometer, Field Vane, Lab Vane; 40 80 120 160

Moisture / Plasticity: Plastic Limit, Natural Water Content, Liquid Limit; PL MC LL; 10 20 30

Unstabilized water level measured at 4.9 m below ground surface; borehole was open upon completion of drilling.

50 mm dia. monitoring well installed.

file: 02310769.000 bh logs.gpj

LOG OF BOREHOLE 24-2

Project No.	: 02310769.002	Client	: Oak Valley Health	Originated by	: BR
Date started	: June 17, 2024	Project	: Uxbridge Community Hospital	Compiled by	: AS
Sheet No.	: 1 of 1	Location	: Uxbridge, ON	Checked by	: AS

Position : E: 649931, N: 4885050 (UTM 17T) Elevation Datum : Geodetic

Rig type : Track-mounted Drilling Method : Solid stem augers

Depth Scale (m)	Elev Depth (m)	Description	Graphic Log	Number	Type	SPT 'N' Value	Elevation Scale (m)	Penetration Test Values (Blows / 0.3m) / Undrained Shear Strength (kPa)	Moisture / Plasticity (PL, MC, LL)	Headspace Vapour (ppm)	Instrument Details	Lab Data and Comments
0	277.3	**GROUND SURFACE**					277					
		90mm **ASPHALTIC CONCRETE**										
	276.9	250mm **AGGREGATE**		1	SS	13				PID: 0 FID: 0		
	0.4	**FILL**, sand, trace to some silt, trace gravel, trace organics, loose to compact, dark brown, moist										
1				2	SS	5	276			PID: 0 FID: 0		SS2 Analysis: M&I, BTEX, PAH, PCB, VOC, PHC
	275.8											
	1.5	**SILT**, trace to some clay, trace to some sand, dilatent, loose to compact, brown, wet		3	SS	9				PID: 0 FID: 0		wet sampler
2							275					
				4	SS	18				PID: 0 FID: 0		SS4 Analysis: M&I, PAH, PCB, VOC
3				5	SS	16				PID: 0 FID: 0		SS5 Analysis: BTEX, VOC, PHC
4							274					
5				6	SS	26	273			PID: 0 FID: 0		
6		...dense					272					
				7	SS	50						
	270.6						271			PID: 0 FID: 0		
	6.7	**END OF BOREHOLE**										

Penetration Test Values (Blows / 0.3m): Dynamic Cone; Undrained Shear Strength (kPa): Unconfined, Pocket Penetrometer, Field Vane, Lab Vane

Moisture / Plasticity: Plastic Limit, Natural Water Content, Liquid Limit

Unstabilized Water Level

GRAIN SIZE DISTRIBUTION (%) (MIT) GR SA SI CL

Unstabilized water level measured at 5.8 m below ground surface; borehole was open upon completion of drilling.

50 mm dia. monitoring well installed.

file: 02310769.000 bh logs.gpj

LOG OF BOREHOLE 24-3

Project No.	: 02310769.002	Client	: Oak Valley Health	Originated by	: BR
Date started	: June 17, 2024	Project	: Uxbridge Community Hospital	Compiled by	: AS
Sheet No.	: 1 of 1	Location	: Uxbridge, ON	Checked by	: AS

Position : E: 649905, N: 4884989 (UTM 17T) Elevation Datum : Geodetic

Rig type : Track-mounted Drilling Method : Solid stem augers

Depth Scale (m)	Elev Depth (m)	Description	Graphic Log	Number	Type	SPT 'N' Value	Elevation Scale (m)	Penetration Test Values (Blows / 0.3m) / Undrained Shear Strength (kPa)	Moisture / Plasticity	Headspace Vapour (ppm)	Instrument Details	Unstabilized Water Level	Lab Data and Comments
0	**276.9**	**GROUND SURFACE**											
		80mm **ASPHALTIC CONCRETE**											
		FILL, silty sand, trace gravel, trace organics, compact, dark brown, moist		1	SS	12				PID: 0 FID: 0			SS1 Analysis: M&I, BTEX, PAH, PCB, VOC, PHC, DUP#1
	276.1												
	0.8	**SILT**, trace to some clay, trace to some sand, compact, brown, moist		2	SS	12	276			PID: 0 FID: 0			
1				3	SS	15	275			PID: 0 FID: 0			
2				4	SS	26	274			PID: 0 FID: 0			wet sampler
3				5	SS	22				PID: 0 FID: 0			SS4 Analysis: M&I, BTEX, PAH, PCB, VOC, PHC
4							273						
		...brownish grey below		6	SS	26	272			PID: 0 FID: 0		▽	
5													
							271						
6				7	SS	16				PID: 0 FID: 0			
	270.2												
	6.7	**END OF BOREHOLE**											

Penetration Test Values (Blows / 0.3m): Dynamic Cone; 10 20 30 40

Undrained Shear Strength (kPa): Unconfined, Pocket Penetrometer, Field Vane, Lab Vane; 40 80 120 160

Moisture / Plasticity: Plastic Limit, Natural Water Content, Liquid Limit; PL MC LL; 10 20 30

Lab Data and Comments: GRAIN SIZE DISTRIBUTION (%) (MIT) GR SA SI CL

Unstabilized Water Level ▽

Unstabilized water level measured at 5.3 m below ground surface; borehole caved to 5.2 m below ground surface upon completion of drilling.

50 mm dia. monitoring well installed.

file: 02310769.000 bh logs.gpj

LOG OF BOREHOLE 24-4

Project No.	: 02310769.002	Client	: Oak Valley Health	Originated by	: BR
Date started	: June 17, 2024	Project	: Uxbridge Community Hospital	Compiled by	: AS
Sheet No.	: 1 of 1	Location	: Uxbridge, ON	Checked by	: AS

Position : E: 649860, N: 4884968 (UTM 17T) Elevation Datum : Geodetic

Rig type : Track-mounted Drilling Method : Solid stem augers

Depth Scale (m)	Elev Depth (m)	Description	Graphic Log	Sample Number	Sample Type	SPT 'N' Value	Elevation Scale (m)	Penetration Test Values (Blows / 0.3m) / Undrained Shear Strength (kPa)	Moisture / Plasticity	Headspace Vapour (ppm)	Instrument Details	Unstabilized Water Level	Lab Data and Comments
0	277.3	**GROUND SURFACE**					277	Dynamic Cone 10 20 30 40; Unconfined / Pocket Penetrometer / Field Vane / Lab Vane 40 80 120 160	Plastic Limit / Natural Water Content / Liquid Limit PL MC LL 10 20 30	PID: 0 FID: 0			
	276.9	120mm **ASPHALTIC CONCRETE**											
	0.4	240mm **AGGREGATE**		1	SS	13							
	276.5	**FILL**, silty sand, trace clay, trace gravel, trace organics, compact, dark brown, moist											SS1 Analysis: M&I, BTEX, PAH, PCB, VOC, PHC
1	0.8	**SILT**, trace to some clay, trace to some sand, compact, brown, moist		2	SS	17	276			PID: 0 FID: 0			
2				3	SS	19				PID: 0 FID: 0			
				4	SS	29	275			PID: 0 FID: 0			
3		...brownish grey below		5	SS	23	274			PID: 0 FID: 0			SS5 Analysis: M&I, BTEX, PAH, PCB, VOC, PHC
4							273						
5				6	SS	18				PID: 0 FID: 0			wet sampler ▽
							272						
6				7	SS	25	271			PID: 0 FID: 0			
	270.6												
	6.7	**END OF BOREHOLE**											

Unstabilized water level measured at 5.4 m below ground surface; borehole was open upon completion of drilling.

50 mm dia. monitoring well installed.

GRAIN SIZE DISTRIBUTION (%) (MIT) GR SA SI CL

file: 02310769.000 bh logs.gpj

LOG OF BOREHOLE 24-5

Project No.	: 02310769.002	Client	: Oak Valley Health	Originated by	: BR
Date started	: June 18, 2024	Project	: Uxbridge Community Hospital	Compiled by	: AS
Sheet No.	: 1 of 1	Location	: Uxbridge, ON	Checked by	: AS

Position : E: 649879, N: 4884957 (UTM 17T) Elevation Datum : Geodetic

Rig type : Track-mounted Drilling Method : Solid stem augers

Depth Scale (m)	Elev Depth (m)	Description	Graphic Log	Number	Type	SPT 'N' Value	Elevation Scale (m)	Penetration Test Values (Blows / 0.3m) / Undrained Shear Strength (kPa)	Moisture / Plasticity	Headspace Vapour (ppm)	Instrument Details	Lab Data and Comments
0	277.2	**GROUND SURFACE**					277					
		50mm **ASPHALTIC CONCRETE**										
		FILL, silty sand, trace clay, trace to some gravel, trace organics, loose to compact, dark brown, moist		1	SS	5				PID: 150 FID: 1		SS1 Analysis: M&I, BTEX, PAH, PCB, VOC, PHC, DUP#2
1				2	SS	15	276			PID: 25 FID: 1		
				3	SS	16				PID: 30 FID: 1		
2		...wet					275					wet sampler
	274.6			4	SS	13				PID: 0 FID: 1		
	2.6	**SILT**, trace to some clay, trace to some sand, compact, brown, moist										
3				5	SS	20	274			PID: 10 FID: 0		SS5 Analysis: M&I, BTEX, PAH, PCB, VOC, PHC
4							273					▽
		...brownish grey below		6	SS	22				PID: 10 FID: 1		
5							272					
6				7	SS	17	271			PID: 0 FID: 1		
	270.5											
	6.7	**END OF BOREHOLE**										

Penetration Test Values (Blows / 0.3m): × Dynamic Cone; 10 20 30 40

Undrained Shear Strength (kPa): ○ Unconfined ● Pocket Penetrometer + Field Vane ■ Lab Vane; 40 80 120 160

Moisture / Plasticity: Plastic Limit (PL) Natural Water Content (MC) Liquid Limit (LL); 10 20 30

Unstabilized Water Level

Lab Data and Comments: GRAIN SIZE DISTRIBUTION (%) (MIT) GR SA SI CL

Unstabilized water level measured at 4.6 m below ground surface; borehole caved to 5.5 m below ground surface upon completion of drilling.

50 mm dia. monitoring well installed.

file: 02310769.000 bh logs.gpj

LOG OF BOREHOLE 24-6

Project No.	: 02310769.002	Client	: Oak Valley Health	Originated by	: BR
Date started	: June 18, 2024	Project	: Uxbridge Community Hospital	Compiled by	: AS
Sheet No.	: 1 of 1	Location	: Uxbridge, ON	Checked by	: AS

Position : E: 649893, N: 4884924 (UTM 17T) Elevation Datum : Geodetic

Rig type : Track-mounted Drilling Method : Solid stem augers

Depth Scale (m)	Elev Depth (m)	Description	Graphic Log	Sample Number	Sample Type	SPT 'N' Value
0	276.9	**GROUND SURFACE**				
	276.7	150mm **ASPHALTIC CONCRETE**				
	0.2					
	276.7	40mm **AGGREGATE**		1	SS	6
	0.2					
	276.4	250mm **TOPSOIL**				
	0.5	**FILL**, sandy silt, trace clay, trace gravel, trace organics, loose, dark brown, moist				
	276.1					
	0.8					
1		**SANDY SILT**, trace clay, compact, brown, moist		2	SS	16
	275.4					
	1.5					
		SILT, trace to some clay, trace to some sand, compact, brown, moist		3	SS	17
2						
				4	SS	20
3		...brownish grey below		5	SS	14
4						
				6	SS	21
5						
6		...very loose		7	SS	1
7						
		...compact		8	SS	15
8	268.7					
	8.2					

END OF BOREHOLE

Unstabilized water level measured at 3.0 m below ground surface; borehole caved to 6.7 m below ground surface upon completion of drilling.

50 mm dia. monitoring well installed.

Elevation Scale (m): 276, 275, 274, 273, 272, 271, 270, 269

Penetration Test Values (Blows / 0.3m): Dynamic Cone; 10 20 30 40

Undrained Shear Strength (kPa): Unconfined, Pocket Penetrometer, Field Vane, Lab Vane; 40 80 120 160

Moisture / Plasticity: Plastic Limit, Natural Water Content, Liquid Limit; PL MC LL; 10 20 30

Headspace Vapour (ppm): PID: 30 FID: 0; PID: 90 FID: 0; PID: 45 FID: 0; PID: 40 FID: 0; PID: 40 FID: 0; PID: 25 FID: 0; PID: 0 FID: 0; PID: 0 FID: 0

Instrument Details

Unstabilized Water Level

Lab Data and Comments

SS2 Analysis: M&I, BTEX, PAH, PCB, VOC, PHC

GRAIN SIZE DISTRIBUTION (%) (MIT)

GR SA SI CL

0 15 70 15

file: 02310769.000 bh logs.gpj

LOG OF BOREHOLE 24-7

Project No.	: 02310769.002	Client	: Oak Valley Health	Originated by	: BR
Date started	: June 18, 2024	Project	: Uxbridge Community Hospital	Compiled by	: AS
Sheet No.	: 1 of 1	Location	: Uxbridge, ON	Checked by	: AS

Position : E: 649715, N: 4884866 (UTM 17T) Elevation Datum : Geodetic

Rig type : Track-mounted Drilling Method : Solid stem augers

Depth Scale (m)	Elev Depth (m)	Description	Graphic Log	Number	Type	SPT 'N' Value	Elevation Scale (m)	Penetration Test Values (Blows / 0.3m) / Undrained Shear Strength (kPa)	Moisture / Plasticity	Headspace Vapour (ppm)	Instrument Details	Unstabilized Water Level	Lab Data and Comments
	277.6	**GROUND SURFACE**											
0		100mm **TOPSOIL**											
		FILL, silty sand, trace clay, trace gravel, trace organics, loose to compact, dark brown, moist		1	SS	13				PID: 30 FID: 0			
		...topsoil inclusion, black		2	SS	20	277			PID: 5 FID: 0			
1													
				3	SS	10	276			PID: 35 FID: 0			SS3 Analysis: M&I, BTEX, PAH, PCB, VOC, PHC
2	275.3												
	2.3	**SILT**, trace to some clay, trace to some sand, compact, brown, moist		4	SS	12	275			PID: 0 FID: 0			
3				5	SS	16				PID: 0 FID: 0			
							274						
4													
		...brownish grey below		6	SS	17	273			PID: 35 FID: 0			wet sampler SS6 Analysis: M&I, BTEX, PAH, PCB, VOC, PHC
5							272						
				7	SS	15	271			PID: 35 FID: 0			
6	270.9												
	6.7	**END OF BOREHOLE**											

Penetration Test Values (Blows / 0.3m): Dynamic Cone — 10, 20, 30, 40

Undrained Shear Strength (kPa): Unconfined, Pocket Penetrometer, Field Vane, Lab Vane — 40, 80, 120, 160

Moisture / Plasticity: Plastic Limit (PL), Natural Water Content (MC), Liquid Limit (LL) — 10, 20, 30

Lab Data and Comments: GRAIN SIZE DISTRIBUTION (%) (MIT) — GR SA SI CL

Borehole was dry and caved to 3.0 m below ground surface upon completion of drilling.

50 mm dia. monitoring well installed.

LOG OF BOREHOLE 24-8

Project No.	: 02310769.002	Client	: Oak Valley Health	Originated by	: BR
Date started	: June 19, 2024	Project	: Uxbridge Community Hospital	Compiled by	: AS
Sheet No.	: 1 of 1	Location	: Uxbridge, ON	Checked by	: AS

Position : E: 649793, N: 4884927 (UTM 17T) Elevation Datum : Geodetic

Rig type : Track-mounted Drilling Method : Solid stem augers

Depth Scale (m)	Elev Depth (m)	Description	Graphic Log	Sample Number	Sample Type	SPT 'N' Value	Elevation Scale (m)	Penetration Test Values (Blows / 0.3m) / Undrained Shear Strength (kPa)	Moisture / Plasticity (PL, MC, LL)	Headspace Vapour (ppm)	Instrument Details	Lab Data and Comments
0	**278.0**	**GROUND SURFACE**					278					
		105mm **ASPHALTIC CONCRETE**										
		310mm **AGGREGATE**		1	SS	24				PID: 0 FID: 0		
	277.5 0.5	**FILL**, silty sand, trace clay, trace gravel, trace organics, loose to compact, dark brown, moist		2	SS	5	277			PID: 75 FID: 0		SS2 Analysis: M&I, BTEX, PAH, PCB, VOC, PHC
1	276.5 1.5	**CLAYEY SILT**, trace sand, stiff, brown, moist		3	SS	10	276			PID: 30 FID: 0		0 7 67 26
2	275.7 2.3	**SILT**, trace to some clay, trace to some sand, compact, brown, moist		4	SS	15				PID: 35 FID: 0		wet sampler
		...brownish grey below		5	SS	12	275			PID: 30 FID: 0		SS5 Analysis: M&I, BTEX, PAH, PCB, VOC, PHC
3												
4		...loose		6	SS	9	274			PID: 20 FID: 0		
5							273					
6		...dense		7	SS	47	272			PID: 5 FID: 0		
	271.3 6.7	**END OF BOREHOLE**										

Unstabilized water level measured at 4.6 m below ground surface; borehole was open upon completion of drilling.

50 mm dia. monitoring well installed.

LOG OF BOREHOLE 24-9

Project No.	: 02310769.002	Client	: Oak Valley Health	Originated by	: BR
Date started	: June 19, 2024	Project	: Uxbridge Community Hospital	Compiled by	: AS
Sheet No.	: 1 of 1	Location	: Uxbridge, ON	Checked by	: AS

Position : E: 649712, N: 4884929 (UTM 17T) Elevation Datum : Geodetic

Rig type : Track-mounted Drilling Method : Solid stem augers

Depth Scale (m)	Elev Depth (m)	Description	Graphic Log	Number	Type	SPT 'N' Value	Elevation Scale (m)	Penetration Test Values (Blows / 0.3m) / Undrained Shear Strength (kPa)	Moisture / Plasticity	Headspace Vapour (ppm)	Instrument Details	Unstabilized Water Level	Lab Data and Comments
0	**275.9**	**GROUND SURFACE**						Dynamic Cone 10 20 30 40; Unconfined / Pocket Penetrometer / Field Vane / Lab Vane 40 80 120 160	Plastic Limit / Natural Water Content / Liquid Limit PL MC LL 10 20 30				GRAIN SIZE DISTRIBUTION (%) (MIT) GR SA SI CL
	275.7	230mm **TOPSOIL**											
	0.2			1	SS	6				PID: 0 FID: 0			
	275.1	**FILL**, silty sand, trace clay, trace gravel, trace organics, loose to compact, dark brown, moist											
1	0.8	**SILTY SAND**, trace clay, compact, brown, wet		2	SS	14	275			PID: 0 FID: 0			SS2 Analysis: M&I, BTEX, PAH, PCB, VOC, PHC
	274.1			3	SS	14	274			PID: 0 FID: 0		▽	
2	1.8	**SILT**, trace to some clay, trace to some sand, trace gravel, compact, brownish grey, moist		4	SS	24				PID: 0 FID: 0			
3				5	SS	20	273			PID: 0 FID: 0			
4							272						
5				6	SS	16	271			PID: 0 FID: 0			
6				7	SS	19	270			PID: 0 FID: 0			
	269.2												
	6.7	**END OF BOREHOLE**											

Unstabilized water level measured at 1.5 m below ground surface; borehole was open upon completion of drilling.

50 mm dia. monitoring well installed.

file: 02310769.000 bh logs.gpj

LOG OF BOREHOLE 24-10

Project No.	: 02310769.002	Client	: Oak Valley Health	Originated by	: BR
Date started	: June 19, 2024	Project	: Uxbridge Community Hospital	Compiled by	: AS
Sheet No.	: 1 of 1	Location	: Uxbridge, ON	Checked by	: AS

Position : E: 649664, N: 4884920 (UTM 17T) Elevation Datum : Geodetic

Rig type : Track-mounted Drilling Method : Solid stem augers

Depth Scale (m)	Elev Depth (m)	Description	Graphic Log	Sample Number	Sample Type	SPT 'N' Value
0	276.1	**GROUND SURFACE**				
	275.8	300mm **TOPSOIL**				
	0.3	**SILTY SAND**, trace to some gravel, trace clay, compact to dense, brown, moist		1	SS	6
1				2	SS	34
2				3	SS	47
				4	SS	24
3		...brownish grey		5	SS	18
4	271.5					
	4.6	**SILT**, trace sand, trace gravel, trace clay, compact, brownish grey, wet		6	SS	20
5						
6	270.0					
	6.1	**SAND**, trace to some silt, trace clay, trace gravel, loose, brownish grey, wet		7	SS	5
	269.4					
	6.7	**END OF BOREHOLE**				

Elevation Scale (m): 276, 275, 274, 273, 272, 271, 270

Penetration Test Values (Blows / 0.3m): Dynamic Cone; 10 20 30 40

Undrained Shear Strength (kPa): Unconfined, Pocket Penetrometer, Field Vane, Lab Vane; 40 80 120 160

Moisture / Plasticity: Plastic Limit, Natural Water Content, Liquid Limit; PL MC LL; 10 20 30

Headspace Vapour (ppm): PID: 0 FID: 0; PID: 15 FID: 0; PID: 20 FID: 0; PID: 0 FID: 0; PID: 0 FID: 0; PID: 0 FID: 0; PID: 0 FID: 0

Instrument Details

Unstabilized Water Level

Lab Data and Comments

GRAIN SIZE DISTRIBUTION (%) (MIT) GR SA SI CL

SS3 Analysis: M&I, BTEX, PAH, PCB, VOC, PHC, DUP#4

Unstabilized water level measured at 1.5 m below ground surface; borehole caved to 3.0 m below ground surface upon completion of drilling.

50 mm dia. monitoring well installed.

file: 02310769.000 bh logs.gpj

LOG OF BOREHOLE 24-11

Project No.	: 02310769.002	Client	: Oak Valley Health	Originated by	: BR
Date started	: June 20, 2024	Project	: Uxbridge Community Hospital	Compiled by	: AS
Sheet No.	: 1 of 1	Location	: Uxbridge, ON	Checked by	: AS

Position : E: 649647, N: 4884956 (UTM 17T) Elevation Datum : Geodetic

Rig type : Track-mounted Drilling Method : Solid stem augers

Depth Scale (m)	Elev Depth (m)	Description	Graphic Log	Number	Type	SPT 'N' Value	Elevation Scale (m)	Penetration Test Values (Blows / 0.3m) / Undrained Shear Strength (kPa)	Moisture / Plasticity	Headspace Vapour (ppm)	Instrument Details	Lab Data and Comments
0	**275.8**	**GROUND SURFACE**										
	275.6	180mm **TOPSOIL**										
	0.2	**SILTY SAND**, trace gravel, loose, brown, moist		1	SS	3				PID: 55 FID: 0		
	275.0						275					
1	0.8	**SILTY SAND**, trace clay, trace gravel, compact, brown, wet		2	SS	12				PID: 90 FID: 0		SS2 Analysis: M&I, BTEX, PAH, PCB, VOC, PHC
		...some gravel		3	SS	25	274			PID: 0 FID: 0		
2		...silt lense inclusions		4	SS	18				PID: 0 FID: 0		
3	272.8						273					
	3.0	**SAND**, trace to some silt, trace clay, trace gravel, loose to compact, brownish grey, wet		5	SS	7				PID: 0 FID: 0		
4							272					
				6	SS	8	271			PID: 0 FID: 0		
5												
6				7	SS	11	270			PID: 0 FID: 0		
	269.1											
	6.7	**END OF BOREHOLE**										

Penetration Test Values (Blows / 0.3m): Dynamic Cone; 10 20 30 40

Undrained Shear Strength (kPa): Unconfined, Pocket Penetrometer, Field Vane, Lab Vane; 40 80 120 160

Moisture / Plasticity: Plastic Limit, Natural Water Content, Liquid Limit; PL MC LL; 10 20 30

Unstabilized Water Level

Lab Data and Comments: GRAIN SIZE DISTRIBUTION (%) (MIT) GR SA SI CL

Unstabilized water level measured at 2.3 m below ground surface; borehole caved to 4.9 m below ground surface upon completion of drilling.

50 mm dia. monitoring well installed.

file: 02310769.000 bh logs.gpj

LOG OF BOREHOLE 24-12

Project No.	: 02310769.002	Client	: Oak Valley Health	Originated by	: BR
Date started	: June 20, 2024	Project	: Uxbridge Community Hospital	Compiled by	: AS
Sheet No.	: 1 of 1	Location	: Uxbridge, ON	Checked by	: AS

Position : E: 649611, N: 4884946 (UTM 17T) Elevation Datum : Geodetic

Rig type : Track-mounted Drilling Method : Solid stem augers

Depth Scale (m)	Elev Depth (m)	Description	Graphic Log	Number	Type	SPT 'N' Value	Elevation Scale (m)	Penetration Test Values (Blows / 0.3m) / Undrained Shear Strength (kPa)	Moisture / Plasticity	Headspace Vapour (ppm)	Instrument Details	Lab Data and Comments
0	275.7	**GROUND SURFACE**					275					
		50mm **TOPSOIL**										
		FILL, silty sand, trace clay, trace to some gravel, trace organics, trace stone pieces inclusion, loose to compact, dark brown, moist		1	SS	8				PID: 5 FID: 1		SS1 Analysis: M&I, BTEX, PAH, PCB, VOC, PHC
1				2	SS	26				PID: 0 FID: 0		
	274.2						274					
	1.5	**SAND**, trace to some clay, trace to some sand, compact, brown, moist		3	SS	17				PID: 0 FID: 0		
2												
				4	SS	15	273			PID: 0 FID: 1		1 88 10 1 SS4 Analysis: M&I, BTEX, PAH, PCB, VOC, PHC
3				5	SS	16				PID: 0 FID: 1		
							272					
4												
				6	SS	20	271			PID: 0 FID: 1		
5												
							270					
6		...brownish grey		7	SS	13				PID: 0 FID: 0		
	269.0						269					
	6.7	**END OF BOREHOLE**										

Unstabilized Water Level: 1.5 m

Penetration Test Values (Blows / 0.3m): Dynamic Cone; 10 20 30 40

Undrained Shear Strength (kPa): Unconfined, Pocket Penetrometer, Field Vane, Lab Vane; 40 80 120 160

Moisture / Plasticity: Plastic Limit, Natural Water Content, Liquid Limit; PL MC LL; 10 20 30

Lab Data and Comments: GRAIN SIZE DISTRIBUTION (%) (MIT) GR SA SI CL

Unstabilized water level measured at 1.5 m below ground surface; borehole caved to 1.5 m below ground surface upon completion of drilling.

50 mm dia. monitoring well installed.

file: 02310769.000 bh logs.gpj

LOG OF BOREHOLE 24-13

Project No.	: 02310769.002	Client	: Oak Valley Health	Originated by	: BR
Date started	: June 20, 2024	Project	: Uxbridge Community Hospital	Compiled by	: AS
Sheet No.	: 1 of 1	Location	: Uxbridge, ON	Checked by	: AS

Position : E: 649599, N: 4884884 (UTM 17T) Elevation Datum : Geodetic

Rig type : Track-mounted Drilling Method : Solid stem augers

Depth Scale (m)	Elev Depth (m)	Description	Graphic Log	Sample Number	Sample Type	SPT 'N' Value
0	276.7	**GROUND SURFACE**				
	276.5	180mm **TOPSOIL**				
	0.2	**FILL**, silty sand, trace gravel, trace organics, very loose, dark brown, moist		1	SS	3
	275.9					
1	0.8	**SAND AND GRAVEL**, trace silt, dense, brown, moist		2	SS	35
				3	SS	39
2	274.4					
	2.3	**SILT**, trace to some clay, trace to some sand, dilatent, compact, brown, wet		4	SS	18
3				5	SS	21
4	272.1					
	4.6	**SAND**, trace to some silt, trace clay, trace gravel, compact, brownish grey, wet		6	SS	13
5						
6				7	SS	11
	270.0					
	6.7	**END OF BOREHOLE**				

Elevation Scale (m): 276, 275, 274, 273, 272, 271, 270

Penetration Test Values (Blows / 0.3m): Dynamic Cone; 10 20 30 40

Undrained Shear Strength (kPa): Unconfined, Pocket Penetrometer, Field Vane, Lab Vane; 40 80 120 160

Moisture / Plasticity: Plastic Limit, Natural Water Content, Liquid Limit; PL MC LL; 10 20 30

Headspace Vapour (ppm):
- PID: 0 FID: 0
- PID: 5 FID: 1
- PID: 25 FID: 0
- PID: 0 FID: 1
- PID: 0 FID: 2
- PID: 0 FID: 1
- PID: 0 FID: 0

Instrument Details

Unstabilized Water Level

Lab Data and Comments

GRAIN SIZE DISTRIBUTION (%) (MIT) GR SA SI CL

...at 1.5m, wet sampler

SS3 Analysis: M&I, BTEX, PAH, PCB, VOC, PHC

Unstabilized water level measured at 2.1 m below ground surface; borehole caved to 3.0 m below ground surface upon completion of drilling.

50 mm dia. monitoring well installed.

file: 02310769.000 bh logs.gpj

LOG OF BOREHOLE 24-14

Project No.	: 02310769.002	Client	: Oak Valley Health	Originated by	: BR
Date started	: June 20, 2024	Project	: Uxbridge Community Hospital	Compiled by	: AS
Sheet No.	: 1 of 1	Location	: Uxbridge, ON	Checked by	: AS

Position : E: 649577, N: 4884848 (UTM 17T) Elevation Datum : Geodetic

Rig type : Track-mounted Drilling Method : Solid stem augers

Depth Scale (m)	Elev Depth (m)	Description	Graphic Log	Sample Number	Sample Type	SPT 'N' Value	Elevation Scale (m)	Penetration Test Values (Blows / 0.3m) / Undrained Shear Strength (kPa)	Moisture / Plasticity	Headspace Vapour (ppm)	Instrument Details	Lab Data and Comments
0	**277.8**	**GROUND SURFACE**					277	Dynamic Cone 10 20 30 40; Unconfined / Pocket Penetrometer / Field Vane / Lab Vane 40 80 120 160	Plastic Limit / Natural Water Content / Liquid Limit PL MC LL 10 20 30			Unstabilized Water Level; GRAIN SIZE DISTRIBUTION (%) (MIT) GR SA SI CL
		110mm **TOPSOIL**										
		FILL, silty sand, trace gravel, trace rootlets, trace organics, loose, dark brown, moist		1	SS	7				PID: 0 FID: 0		SS1 Analysis: M&I, BTEX, PAH, PCB, VOC, PHC
1				2	SS	5				PID: 0 FID: 0		
	276.3						276					▽
2	1.5	**SAND**, trace to some silt, trace clay, trace gravel, compact, brown, wet		3	SS	20				PID: 0 FID: 1		
				4	SS	22				PID: 0 FID: 1		SS4 Analysis: M&I, BTEX, PAH, PCB, VOC, PHC
3				5	SS	13	275			PID: 0 FID: 1		
4							274					
				6	SS	15	273			PID: 0 FID: 0		
5												
		...dense		7	SS	34	272			PID: 0 FID: 0		
6	271.1											
	6.7	**END OF BOREHOLE**										

Unstabilized water level measured at 1.5 m below ground surface; borehole caved to 1.5 m below ground surface upon completion of drilling.

LOG OF BOREHOLE 24-15

Project No.	: 02310769.002	Client	: Oak Valley Health	Originated by	: BR
Date started	: June 20, 2024	Project	: Uxbridge Community Hospital	Compiled by	: AS
Sheet No.	: 1 of 1	Location	: Uxbridge, ON	Checked by	: AS

Position : E: 649604, N: 4884843 (UTM 17T) Elevation Datum : Geodetic

Rig type : Track-mounted Drilling Method : Solid stem augers

Depth Scale (m)	Elev Depth (m)	Description	Graphic Log	Number	Type	SPT 'N' Value
0	277.6	**GROUND SURFACE**				
	277.4	110mm **TOPSOIL**				
	0.2	**FILL**, silty sand, trace gravel, trace organics, trace rootlets, very loose, dark brown, moist		1	SS	3
	276.8					
1	0.8	**SILT**, some sand to sandy, trace to some clay, trace gravel, dilatent, loose to compact, brown, wet		2	SS	12
				3	SS	11
2				4	SS	22
3	274.6					
	3.0	**SAND**, trace to some silt, trace clay, trace gravel, compact to dense, brownish grey, wet		5	SS	16
4						
				6	SS	21
5						
6				7	SS	32
	270.9					
	6.7	**END OF BOREHOLE**				

Elevation Scale (m): 277, 276, 275, 274, 273, 272, 271

Penetration Test Values (Blows / 0.3m) — Dynamic Cone: 10, 20, 30, 40

Undrained Shear Strength (kPa) — Unconfined, Pocket Penetrometer, Field Vane, Lab Vane: 40, 80, 120, 160

Moisture / Plasticity — Plastic Limit (PL), Natural Water Content (MC), Liquid Limit (LL): 10, 20, 30

Headspace Vapour (ppm):
- PID: 0 FID: 0
- PID: 0 FID: 1
- PID: 5 FID: 1
- PID: 0 FID: 1
- PID: 0 FID: 0
- PID: 0 FID: 0
- PID: 0 FID: 0

Instrument Details

Unstabilized Water Level

Lab Data and Comments

GRAIN SIZE DISTRIBUTION (%) (MIT)

GR SA SI CL

5 26 59 10

SS3 Analysis: M&I, BTEX, PAH, PCB, VOC, PHC

wet sampler

Unstabilized water level measured at 2.7 m below ground surface; borehole caved to 4.0 m below ground surface upon completion of drilling.

50 mm dia. monitoring well installed.

file: 02310769.000 bh logs.gpj

LOG OF BOREHOLE 24-16

Project No.	: 02310769.002	Client	: Oak Valley Health	Originated by	: BR
Date started	: June 20, 2024	Project	: Uxbridge Community Hospital	Compiled by	: AS
Sheet No.	: 1 of 1	Location	: Uxbridge, ON	Checked by	: AS

Position : E: 649844, N: 4885038 (UTM 17T) Elevation Datum : Geodetic

Rig type : Track-mounted Drilling Method : Solid stem augers

Depth Scale (m)	Elev Depth (m)	Description	Graphic Log	Number	Type	SPT 'N' Value	Elevation Scale (m)	Penetration Test Values (Blows / 0.3m) / Undrained Shear Strength (kPa)	Moisture / Plasticity (PL, Natural Water Content, LL)	Headspace Vapour (ppm)	Instrument Details	Lab Data and Comments
0	281.1	**GROUND SURFACE**					281					
		50mm **TOPSOIL**										
		FILL, silty sand, trace gravel, trace organics, loose, dark brown, moist		1	SS	5				PID: 5 FID: 0		SS1 Analysis: M&I, BTEX, PAH, PCB, VOC, PHC, DUP#3
	280.3											
	0.8	**SILT**, some sand to sandy, trace to some clay, trace gravel, dilatent, loose to compact, brown, moist		2	SS	9	280			PID: 0 FID: 0		
1												0 30 66 4
				3	SS	19				PID: 0 FID: 0		SS3 Analysis: M&I, BTEX, PAH, PCB, VOC, PHC
2							279					
		...wet, dilatent below		4	SS	18				PID: 0 FID: 0		SS4 Analysis: M&I, BTEX, PAH, PCB, VOC, PHC
3				5	SS	21	278			PID: 0 FID: 0		
4							277					
				6	SS	12				PID: 0 FID: 0		
5	275.9						276					
	5.2	**END OF BOREHOLE**										

Borehole was dry and open upon completion of drilling.

Penetration Test Values (Blows / 0.3m): Dynamic Cone (10, 20, 30, 40)

Undrained Shear Strength (kPa): Unconfined, Pocket Penetrometer, Field Vane, Lab Vane (40, 80, 120, 160)

Moisture / Plasticity: Plastic Limit (PL), Natural Water Content (MC), Liquid Limit (LL) (10, 20, 30)

Unstabilized Water Level

GRAIN SIZE DISTRIBUTION (%) (MIT) GR SA SI CL

file: 02310769.000 bh logs.gpj

LOG OF BOREHOLE 24-17

Project No.	: 02310769.002	Client	: Oak Valley Health	Originated by	: BR
Date started	: June 17, 2024	Project	: Uxbridge Community Hospital	Compiled by	: AS
Sheet No.	: 1 of 1	Location	: Uxbridge, ON	Checked by	: AS

Position : E: 649904, N: 4885051 (UTM 17T) Elevation Datum : Geodetic

Rig type : Track-mounted Drilling Method : Solid stem augers

Depth Scale (m)	Elev Depth (m)	Description	Graphic Log	Number	Type	SPT 'N' Value	Elevation Scale (m)	Penetration Test Values (Blows / 0.3m) / Undrained Shear Strength (kPa)	Moisture / Plasticity (PL, MC, LL)	Headspace Vapour (ppm)	Instrument Details	Lab Data and Comments
0	**277.0**	**GROUND SURFACE**					277					
	276.8	150mm **ASPHALTIC CONCRETE**										
	0.2 276.6	240mm **AGGREGATE**		1	SS	29				PID: 0 FID: 0		SS1 Analysis: M&I, BTEX, PAH, PCB, VOC, PHC
	0.4 276.2	**FILL**, sandy silt, trace to some gravel, trace clay, trace organics, compact, dark brown, moist										
1	0.8	**SILT**, trace to some clay, trace to some sand, dilatent, loose to compact, brown, wet		2	SS	12	276			PID: 15 FID: 0		SS2 Analysis: M&I, BTEX, PAH, PCB, VOC, PHC
		...brownish grey below		3	SS	21				PID: 0 FID: 0		
2							275					
				4	SS	25				PID: 0 FID: 0		SS4 Analysis: M&I, BTEX, PAH, PCB, VOC, PHC
3							274					
				5	SS	35				PID: 0 FID: 0		
4							273					
				6	SS	65				PID: 0 FID: 0		
5	271.8 5.2	**END OF BOREHOLE**					272					

Penetration Test Values (Blows / 0.3m): × Dynamic Cone; 10 20 30 40

Undrained Shear Strength (kPa): ○ Unconfined ● Pocket Penetrometer + Field Vane ■ Lab Vane; 40 80 120 160

Moisture / Plasticity: Plastic Limit | Natural Water Content | Liquid Limit; PL MC LL; 10 20 30

Unstabilized Water Level

GRAIN SIZE DISTRIBUTION (%) (MIT) GR SA SI CL

Borehole was dry and open upon completion of drilling.

file: 02310769.000 bh logs.gpj

Appendix B Tables

ENGLOBE

Table 1.0
Soil Quality - Metals and Inorgaincs
Results of Soil Sampling
Uxbridge Community Hospital
Project No. 02310769.004

Parameters	Table 1 RPI/ICC	Table 2.1 RPI	Table 2.1 ICC	Table 3.1 RPI	Table 3.1 ICC						
							1	2	3	4	5
						SGS Lab Work Order	CA40160-JUN24 R	CA40160-JUN24 R	CA40160-JUN24 R	CA40160-JUN24 R	CA40160-JUN24 R
						Lab Sample Identification	CA40160-JUN24 R - 10	CA40160-JUN24 R - 11	CA40160-JUN24 R - 12	CA40160-JUN24 R - 13	CA40160-JUN24 R - 14
						Sampling Date	18-Jun-24	18-Jun-24	17-Jun-24	17-Jun-24	17-Jun-24
						Sample Identification	BH 24-1/SS1	BH 24-1/SS5	BH 24-2/SS2	BH 24-2/SS4	BH 24-2/SS5
						Unit					
Metals											
Antimony	1.3	7.5	40.0	7.5	40	µg/g	< 0.8	< 0.8	< 0.8	< 0.8	---
Arsenic	18	18	18	18	18	µg/g	4.8	4.7	2.6	2.9	---
Barium	220	390	670	390	670	µg/g	16	30	23	13	---
Beryllium	2.5	4.0	8.0	4	8	µg/g	0.20	0.21	0.27	0.13	---
Boron	36	120	120	120	120	µg/g	7	4	2	3	---
Water Soluble Boron	NA	1.5	2	1.5	2	µg/g	< 0.5	< 0.5	< 0.5	< 0.5	---
Cadmium	1.2	1.2	1.9	1.2	1.9	µg/g	< 0.05	0.06	0.07	< 0.05	---
Chromium	70	160	160	160	160	µg/g	7	7.8	8.3	5	---
Cobalt	21	22	80	22	80	µg/g	2.3	3.1	2.8	2	---
Copper	92	140	230	140	230	µg/g	11	13	8	7	---
Lead	120	120	120	120	120	µg/g	5	4	4.1	2	---
Mercury	0.27	0.27	0.27	0.27	0.27	µg/g	< 0.05	< 0.05	< 0.05	< 0.05	---
Molybdenum	2	7	40	6.9	40	µg/g	0.2	0.4	0.2	0.1	---
Nickel	82	100	270	100	270	µg/g	6	6.9	5.8	3	---
Selenium	1.5	2.4	5.5	2.4	5.5	µg/g	0.1	0.1	0.2	0.1	---
Silver	0.5	20	40	20	40	µg/g	< 0.05	< 0.05	< 0.05	< 0.05	---
Thallium	1	1	3.3	1	3.3	µg/g	0.06	0.07	0.05	0.03	---
Uranium	2.5	23	33	23	33	µg/g	0.42	0.62	0.45	0.38	---
Vanadium	86	86	86	86	86	µg/g	10	14	19	11	---
Zinc	290	340	340	340	340	µg/g	14	19	17	11	---
Other Regulated Parameters											
Free Cyanide	0.051	0.051	0.051	0.051	0.051	µg/g	< 0.05	< 0.05	< 0.05	< 0.05	---
Sodium Adsorption Ratio	2.4	5	12	5.0	12.0	---	**50.3**	**5.2**	**110**	**20.3**	---
Conductivity	0.57	0.70	1.4	0.70	1.40	mS/cm	**2.4**	0.55	**8**	**3.20**	---
pH	NV	NV	NV			pH Units	8.13	8.08	8	7.95	---
Chromium VI	0.66	8	8	8	8	µg/g	< 0.2	< 0.2	0.2	< 0.2	---

Notes
Bold – Exceeds Table 1 Standards
Underline – Exceeds Table 3.1 RPI Standards
Shaded – Exceeds Table 3.1 ICC Standards

Table 1.0
Soil Quality - Metals and Inorgaincs
Results of Soil Sampling
Uxbridge Community Hospital
Project No. 02310769.004

Parameters	Table 1 RPI/ICC	Table 2.1 RPI	Table 2.1 ICC	Table 3.1 RPI	Table 3.1 ICC		6	7	8	9	10
						SGS Lab Work Order	CA40160-JUN24 R	CA40160-JUN24 R	CA40160-JUN24 R	CA40160-JUN24 R	CA40160-JUN24 R
						Lab Sample Identification	CA40160-JUN24 R - 15	CA40160-JUN24 R - 16	CA40160-JUN24 R - 17	CA40160-JUN24 R - 18	CA40160-JUN24 R - 19
						Sampling Date	17-Jun-24	17-Jun-24	17-Jun-24	17-Jun-24	18-Jun-24
						Sample Identification	BH 24-3/SS1	BH 24-3/SS4	BH 24-4/SS1	BH 24-4/SS5	BH 24-5/SS1
						Unit					
Metals											
Antimony	1.3	7.5	40.0	7.5	40	µg/g	< 0.8	< 0.8	< 0.8	< 0.8	< 0.8
Arsenic	18	18	18	18	18	µg/g	3.7	3.5	3.6	4.2	2.4
Barium	220	390	670	390	670	µg/g	28	21	21	16	25
Beryllium	2.5	4.0	8.0	4	8	µg/g	0.26	0.17	0.24	0.21	0.28
Boron	36	120	120	120	120	µg/g	4	3	4	4	2
Water Soluble Boron	NA	1.5	2	1.5	2	µg/g	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Cadmium	1.2	1.2	1.9	1.2	1.9	µg/g	0.12	< 0.05	0.09	0.1	0.11
Chromium	70	160	160	160	160	µg/g	8.2	6	7.2	6.7	9
Cobalt	21	22	80	22	80	µg/g	2.7	2	2.6	2.8	2.8
Copper	92	140	230	140	230	µg/g	9.4	9	10	10	5
Lead	120	120	120	120	120	µg/g	24	2.8	4.5	3.5	5.2
Mercury	0.27	0.27	0.27	0.27	0.27	µg/g	< 0.05	< 0.05	0.06	< 0.05	0.1
Molybdenum	2	7	40	6.9	40	µg/g	0.3	0.1	0.3	0.3	0.2
Nickel	82	100	270	100	270	µg/g	5.6	5	5.3	6	6
Selenium	1.5	2.4	5.5	2.4	5.5	µg/g	0.2	0.1	0.2	0.2	0.2
Silver	0.5	20	40	20	40	µg/g	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Thallium	1	1	3.3	1	3.3	µg/g	0.05	0.04	0.06	0.08	0.06
Uranium	2.5	23	33	23	33	µg/g	0.48	0.40	0.43	0.65	0.4
Vanadium	86	86	86	86	86	µg/g	16	12	16	14	19
Zinc	290	340	340	340	340	µg/g	30	14	20	17	18
Other Regulated Parameters											
Free Cyanide	0.051	0.051	0.051	0.051	0.051	µg/g	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Sodium Adsorption Ratio	2.4	5	12	5.0	12.0	---	**13.4**	**14.0**	**93**	**29.9**	0.3
Conductivity	0.57	0.70	1.4	0.70	1.40	mS/cm	0.56	**2.00**	**6.4**	**2.2**	0.16
pH	NV	NV	NV			pH Units	8.19	8.12	8.13	8.09	8.11
Chromium VI	0.66	8	8	8	8	µg/g	0.2	< 0.2	< 0.2	< 0.2	< 0.2

Notes
Bold – Exceeds Table 1 Standards
Underline – Exceeds Table 3.1 RPI Standards
Shaded – Exceeds Table 3.1 ICC Standards

Table 1.0
Soil Quality - Metals and Inorgaincs
Results of Soil Sampling
Uxbridge Community Hospital
Project No. 02310769.004

Parameters	Table 1 RPI/ICC	Table 2.1 RPI	Table 2.1 ICC	Table 3.1 RPI	Table 3.1 ICC		11	12	13	14	15
						SGS Lab Work Order	CA40160-JUN24 R	CA40160-JUN24 R	CA40160-JUN24 R	CA40160-JUN24 R	CA40160-JUN24 R
						Lab Sample Identification	CA40160-JUN24 R - 20	CA40160-JUN24 R - 21	CA40160-JUN24 R - 22	CA40160-JUN24 R - 23	CA40160-JUN24 R - 24
						Sampling Date	18-Jun-24	18-Jun-24	18-Jun-24	18-Jun-24	19-Jun-24
						Sample Identification	BH 24-5/SS5	BH 24-6/SS2	BH 24-7/SS3	BH 24-7/SS6	BH 24-8/SS2
						Unit					
Metals											
Antimony	1.3	7.5	40.0	7.5	40	µg/g	< 0.8	< 0.8	< 0.8	< 0.8	< 0.8
Arsenic	18	18	18	18	18	µg/g	3.9	4.1	3.4	4.6	3.3
Barium	220	390	670	390	670	µg/g	22	28	32	29	35
Beryllium	2.5	4.0	8.0	4	8	µg/g	0.21	0.27	0.29	0.23	0.36
Boron	36	120	120	120	120	µg/g	4	3	3	4	4
Water Soluble Boron	NA	1.5	2	1.5	2	µg/g	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Cadmium	1.2	1.2	1.9	1.2	1.9	µg/g	0.05	0.1	0.11	0.07	0.16
Chromium	70	160	160	160	160	µg/g	6.7	8.9	8	8.3	14
Cobalt	21	22	80	22	80	µg/g	2.7	3.3	3	3.3	5
Copper	92	140	230	140	230	µg/g	8.7	9.6	8	11	11
Lead	120	120	120	120	120	µg/g	3.4	5.1	5.9	4.2	8
Mercury	0.27	0.27	0.27	0.27	0.27	µg/g	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Molybdenum	2	7	40	6.9	40	µg/g	0.2	0.3	0.3	0.3	0.4
Nickel	82	100	270	100	270	µg/g	5.7	6.4	6	7.2	10
Selenium	1.5	2.4	5.5	2.4	5.5	µg/g	0.2	0.2	0.2	0.2	0.3
Silver	0.5	20	40	20	40	µg/g	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Thallium	1	1	3.3	1	3.3	µg/g	0.06	0.05	0.06	0.07	0.11
Uranium	2.5	23	33	23	33	µg/g	0.48	0.5	0.43	0.68	0.62
Vanadium	86	86	86	86	86	µg/g	14	21	17	16	29
Zinc	290	340	340	340	340	µg/g	17	22	21	20	34
Other Regulated Parameters											
Free Cyanide	0.051	0.051	0.051	0.051	0.051	µg/g	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Sodium Adsorption Ratio	2.4	5	12	5.0	12.0	---	**22.7**	**62.6**	**4.3**	2	0.9
Conductivity	0.57	0.70	1.4	0.70	1.40	mS/cm	**1.9**	**4.2**	0.40	0.32	0.19
pH	NV	NV	NV			pH Units	7.56	7.96	7.77	7.87	7.51
Chromium VI	0.66	8	8	8	8	µg/g	< 0.2	< 0.2	< 0.2	< 0.2	0.2

Notes
Bold – Exceeds Table 1 Standards
Underline – Exceeds Table 3.1 RPI Standards
Shaded – Exceeds Table 3.1 ICC Standards

Table 1.0
Soil Quality - Metals and Inorgaincs
Results of Soil Sampling
Uxbridge Community Hospital
Project No. 02310769.004

Parameters	Table 1 RPI/ICC	Table 2.1 RPI	Table 2.1 ICC	Table 3.1 RPI	Table 3.1 ICC		16	17	18	19	20
						SGS Lab Work Order	CA40160-JUN24 R	CA40160-JUN24 R	CA40160-JUN24 R	CA40160-JUN24 R	CA40160-JUN24 R
						Lab Sample Identification	CA40160-JUN24 R - 25	CA40160-JUN24 R - 26	CA40160-JUN24 R - 27	CA40160-JUN24 R - 28	CA40160-JUN24 R - 29
						Sampling Date	19-Jun-24	19-Jun-24	19-Jun-24	20-Jun-24	20-Jun-24
						Sample Identification	BH 24-8/SS5	BH 24-9/SS2	BH 24-10/SS3	BH 24-11/SS2	BH 24-12/SS1
						Unit					
Metals											
Antimony	1.3	7.5	40.0	7.5	40	µg/g	< 0.8	< 0.8	< 0.8	< 0.8	< 0.8
Arsenic	18	18	18	18	18	µg/g	4	3.1	4.1	2.6	3.4
Barium	220	390	670	390	670	µg/g	18	16	27	10	15
Beryllium	2.5	4.0	8.0	4	8	µg/g	0.18	0.16	0.22	0.18	0.20
Boron	36	120	120	120	120	µg/g	4	2	3	2	2
Water Soluble Boron	NA	1.5	2	1.5	2	µg/g	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Cadmium	1.2	1.2	1.9	1.2	1.9	µg/g	< 0.05	< 0.05	0.07	< 0.05	0.05
Chromium	70	160	160	160	160	µg/g	6.8	5	8.4	5.7	6
Cobalt	21	22	80	22	80	µg/g	2.4	1.9	3.2	1.7	2.0
Copper	92	140	230	140	230	µg/g	7	6	9.1	4.6	5
Lead	120	120	120	120	120	µg/g	2.7	2.2	4.2	2.3	3.0
Mercury	0.27	0.27	0.27	0.27	0.27	µg/g	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Molybdenum	2	7	40	6.9	40	µg/g	0.3	0.2	0.4	0.2	0.2
Nickel	82	100	270	100	270	µg/g	5	4	6.7	3.3	4
Selenium	1.5	2.4	5.5	2.4	5.5	µg/g	0.1	< 0.1	0.2	0.1	0.1
Silver	0.5	20	40	20	40	µg/g	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Thallium	1	1	3.3	1	3.3	µg/g	0.05	0.04	0.07	0.03	0.04
Uranium	2.5	23	33	23	33	µg/g	0.63	0.37	0.44	0.42	0.43
Vanadium	86	86	86	86	86	µg/g	15	12	17	15	16
Zinc	290	340	340	340	340	µg/g	15	12	22	11	13
Other Regulated Parameters											
Free Cyanide	0.051	0.051	0.051	0.051	0.051	µg/g	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Sodium Adsorption Ratio	2.4	5	12	5.0	12.0	---	0.8	0.8	**2.7**	< 0.2	< 0.2
Conductivity	0.57	0.70	1.4	0.70	1.40	mS/cm	0.17	0.15	0.19	0.12	0.12
pH	NV	NV	NV			pH Units	7.78	7.98	7.61	7.56	7.86
Chromium VI	0.66	8	8	8	8	µg/g	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2

Notes
Bold – Exceeds Table 1 Standards
Underline – Exceeds Table 3.1 RPI Standards
Shaded – Exceeds Table 3.1 ICC Standards

Table 1.0
Soil Quality - Metals and Inorgaincs
Results of Soil Sampling
Uxbridge Community Hospital
Project No. 02310769.004

Parameters	Table 1 RPI/ICC	Table 2.1 RPI	Table 2.1 ICC	Table 3.1 RPI	Table 3.1 ICC		21	22	23	24	25
						SGS Lab Work Order	CA40160-JUN24 R	CA40160-JUN24 R	CA40160-JUN24 R	CA40160-JUN24 R	CA40160-JUN24 R
						Lab Sample Identification	CA40160-JUN24 R - 30	CA40160-JUN24 R - 31	CA40160-JUN24 R - 32	CA40160-JUN24 R - 33	CA40160-JUN24 R - 34
						Sampling Date	20-Jun-24	20-Jun-24	20-Jun-24	20-Jun-24	20-Jun-24
						Sample Identification	BH 24-12/SS4	BH 24-13/SS3	BH 24-14/SS1	BH 24-14/SS4	BH 24-15/SS3
						Unit					
Metals											
Antimony	1.3	7.5	40.0	7.5	40	µg/g	< 0.8	< 0.8	< 0.8	< 0.8	< 0.8
Arsenic	18	18	18	18	18	µg/g	2.6	4.2	1.8	2.70	3.70
Barium	220	390	670	390	670	µg/g	13	16	24	12	19
Beryllium	2.5	4.0	8.0	4	8	µg/g	0.11	0.2	0.27	0.16	0.19
Boron	36	120	120	120	120	µg/g	2	3	1	2	3
Water Soluble Boron	NA	1.5	2	1.5	2	µg/g	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Cadmium	1.2	1.2	1.9	1.2	1.9	µg/g	< 0.05	0.06	0.12	< 0.05	0.06
Chromium	70	160	160	160	160	µg/g	3.2	8.3	7	4.40	5.70
Cobalt	21	22	80	22	80	µg/g	1.4	2.3	2.5	1.6	2.5
Copper	92	140	230	140	230	µg/g	3.3	7.1	4	3.70	7.10
Lead	120	120	120	120	120	µg/g	2	4.3	5.5	2.5	3.3
Mercury	0.27	0.27	0.27	0.27	0.27	µg/g	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Molybdenum	2	7	40	6.9	40	µg/g	< 0.1	0.5	0.2	0.1	0.2
Nickel	82	100	270	100	270	µg/g	2.4	5.3	4	3.10	5.20
Selenium	1.5	2.4	5.5	2.4	5.5	µg/g	< 0.1	0.1	0.2	< 0.1	0.1
Silver	0.5	20	40	20	40	µg/g	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Thallium	1	1	3.3	1	3.3	µg/g	< 0.02	0.05	0.05	0.03	0.05
Uranium	2.5	23	33	23	33	µg/g	0.35	0.48	0.35	0.32	0.37
Vanadium	86	86	86	86	86	µg/g	8	13	16	9	12
Zinc	290	340	340	340	340	µg/g	8.8	18	21	9.60	15.00
Other Regulated Parameters											
Free Cyanide	0.051	0.051	0.051	0.051	0.051	µg/g	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Sodium Adsorption Ratio	2.4	5	12	5.0	12.0	---	< 0.2	0.2	< 0.2	< 0.2	< 0.2
Conductivity	0.57	0.70	1.4	0.70	1.40	mS/cm	0.09	0.13	0.06	0.13	0.11
pH	NV	NV	NV			pH Units	8.01	7.34	6.05	7.4	7.88
Chromium VI	0.66	8	8	8	8	µg/g	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2

Notes
Bold – Exceeds Table 1 Standards
Underline – Exceeds Table 3.1 RPI Standards
Shaded – Exceeds Table 3.1 ICC Standards

Table 1.0
Soil Quality - Metals and Inorgaincs
Results of Soil Sampling
Uxbridge Community Hospital
Project No. 02310769.004

Parameters	Table 1 RPI/ICC	Table 2.1 RPI	Table 2.1 ICC	Table 3.1 RPI	Table 3.1 ICC		26	27	28	29	30
						SGS Lab Work Order	CA40160-JUN24 R	CA40160-JUN24 R	CA40160-JUN24 R	CA40160-JUN24 R	CA40160-JUN24 R
						Lab Sample Identification	CA40160-JUN24 R - 35	CA40160-JUN24 R - 36	CA40160-JUN24 R - 37	CA40160-JUN24 R - 38	CA40160-JUN24 R - 39
						Sampling Date	19-Jun-24	19-Jun-24	19-Jun-24	17-Jun-24	17-Jun-24
						Sample Identification	BH 24-16/SS1	BH 24-16/SS3	BH 24-16/SS4	BH 24-17/SS1	BH 24-17/SS2
						Unit					
Metals											
Antimony	1.3	7.5	40.0	7.5	40	µg/g	< 0.8	< 0.8	< 0.8	< 0.8	< 0.8
Arsenic	18	18	18	18	18	µg/g	3.80	3.40	3.70	3.50	4.00
Barium	220	390	670	390	670	µg/g	41	13	17	16	22
Beryllium	2.5	4.0	8.0	4	8	µg/g	0.35	0.16	0.17	0.15	0.18
Boron	36	120	120	120	120	µg/g	2	3	3	3	4
Water Soluble Boron	NA	1.5	2	1.5	2	µg/g	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Cadmium	1.2	1.2	1.9	1.2	1.9	µg/g	0.13	< 0.05	< 0.05	< 0.05	< 0.05
Chromium	70	160	160	160	160	µg/g	9.30	4.80	5.70	5.50	6.80
Cobalt	21	22	80	22	80	µg/g	3.3	2	2.2	2.1	2.8
Copper	92	140	230	140	230	µg/g	7.30	5.40	6.10	6.40	8.10
Lead	120	120	120	120	120	µg/g	9.3	2.1	2.4	2.5	3.5
Mercury	0.27	0.27	0.27	0.27	0.27	µg/g	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Molybdenum	2	7	40	6.9	40	µg/g	0.2	0.1	0.1	< 0.1	< 0.1
Nickel	82	100	270	100	270	µg/g	6.40	3.60	4.20	4.00	5.90
Selenium	1.5	2.4	5.5	2.4	5.5	µg/g	0.2	0.1	0.1	0.1	0.1
Silver	0.5	20	40	20	40	µg/g	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Thallium	1	1	3.3	1	3.3	µg/g	0.07	0.03	0.04	0.03	0.06
Uranium	2.5	23	33	23	33	µg/g	0.47	0.42	0.44	0.44	0.47
Vanadium	86	86	86	86	86	µg/g	19	12	13	13	14
Zinc	290	340	340	340	340	µg/g	27.00	12.00	13.00	14.00	16.00
Other Regulated Parameters											
Free Cyanide	0.051	0.051	0.051	0.051	0.051	µg/g	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Sodium Adsorption Ratio	2.4	5	12	5.0	12.0	---	< 0.2	0.3	0.2	30.3	**15.3**
Conductivity	0.57	0.70	1.4	0.70	1.40	mS/cm	0.13	0.11	0.1	2.4	**2.2**
pH	NV	NV	NV			pH Units	7.79	7.99	8.05	8.03	8.02
Chromium VI	0.66	8	8	8	8	µg/g	0.2	< 0.2	< 0.2	< 0.2	< 0.2

Notes
Bold – Exceeds Table 1 Standards
Underline – Exceeds Table 3.1 RPI Standards
Shaded – Exceeds Table 3.1 ICC Standards

Table 1.0
Soil Quality - Metals and Inorgaincs
Results of Soil Sampling
Uxbridge Community Hospital
Project No. 02310769.004

Parameters	Table 1 RPI/ICC	Table 2.1 RPI	Table 2.1 ICC	Table 3.1 RPI	Table 3.1 ICC		31	32	33	34	35
						SGS Lab Work Order	CA40160-JUN24 R	CA40160-JUN24 R	CA40160-JUN24 R	CA40160-JUN24 R	CA40160-JUN24 R
						Lab Sample Identification	CA40160-JUN24 R - 40	CA40160-JUN24 R - 41	CA40160-JUN24 R - 42	CA40160-JUN24 R - 43	CA40160-JUN24 R - 44
						Sampling Date	17-Jun-24	17-Jun-24	18-Jun-24	19-Jun-24	19-Jun-24
						Sample Identification	BH 24-17/SS4	DUP#1 - BH 24-3/SS1	DUP#2 - BH 24-5/SS1	DUP#3 - BH 24-16/SS1	DUP#4 - BH 24-10/SS3
						Unit					
Metals											
Antimony	1.3	7.5	40.0	7.5	40	µg/g	< 0.8	< 0.8	< 0.8	< 0.8	< 0.8
Arsenic	18	18	18	18	18	µg/g	4.70	3.60	2.70	3.80	4.20
Barium	220	390	670	390	670	µg/g	33	33	27	43	25
Beryllium	2.5	4.0	8.0	4	8	µg/g	0.24	0.29	0.27	0.38	0.20
Boron	36	120	120	120	120	µg/g	4	3	2	3	4
Water Soluble Boron	NA	1.5	2	1.5	2	µg/g	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Cadmium	1.2	1.2	1.9	1.2	1.9	µg/g	0.06	0.12	0.11	0.12	0.06
Chromium	70	160	160	160	160	µg/g	8.00	8.50	7.90	10.00	7.30
Cobalt	21	22	80	22	80	µg/g	3.3	2.9	2.8	3.5	3
Copper	92	140	230	140	230	µg/g	9.50	7.40	5.50	7.60	8.50
Lead	120	120	120	120	120	µg/g	4.2	27	5.9	8.5	3.6
Mercury	0.27	0.27	0.27	0.27	0.27	µg/g	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Molybdenum	2	7	40	6.9	40	µg/g	0.3	0.3	0.2	0.2	0.2
Nickel	82	100	270	100	270	µg/g	7.30	5.80	5.20	7.10	6.40
Selenium	1.5	2.4	5.5	2.4	5.5	µg/g	0.2	0.2	0.2	0.2	0.2
Silver	0.5	20	40	20	40	µg/g	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Thallium	1	1	3.3	1	3.3	µg/g	0.07	0.05	0.04	0.07	0.06
Uranium	2.5	23	33	23	33	µg/g	0.61	0.46	0.43	0.46	0.54
Vanadium	86	86	86	86	86	µg/g	14	17	17	19	16
Zinc	290	340	340	340	340	µg/g	19.00	30.00	18.00	26.00	20.00
Other Regulated Parameters											
Free Cyanide	0.051	0.051	0.051	0.051	0.051	µg/g	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Sodium Adsorption Ratio	2.4	5	12	5.0	12.0	---	**6.4**	**13.7**	0.3	< 0.2	3.1
Conductivity	0.57	0.70	1.4	0.70	1.40	mS/cm	**0.78**	**0.62**	0.15	0.13	0.19
pH	NV	NV	NV			pH Units	7.96	8.02	7.67	7.61	7.9
Chromium VI	0.66	8	8	8	8	µg/g	< 0.2	**2.2**	< 0.2	< 0.2	< 0.2

Notes
Bold – Exceeds Table 1 Standards
Underline – Exceeds Table 3.1 RPI Standards
Shaded – Exceeds Table 3.1 ICC Standards

Table 2.0
Soil Quality - Petroleum Hydrocarbons F1 to F4
Results of Soil Sampling
Uxbridge Community Hospital
Project No. 02310769.004

							1	2	3	4	5
Parameters	Table 1 RPI/ICC	Table 2.1 RPI	Table 2.1 ICC	Table 3.1 RPI	Table 3.1 ICC	SGS Lab Work Order	CA40160-JUN24 R	CA40160-JUN24 R	CA40160-JUN24 R	CA40160-JUN24 R	CA40160-JUN24 R
						Lab Sample Identification	CA40160-JUN24 R - 10	CA40160-JUN24 R - 11	CA40160-JUN24 R - 12	CA40160-JUN24 R - 13	CA40160-JUN24 R - 14
						Sampling Date	18-Jun-24	18-Jun-24	17-Jun-24	17-Jun-24	17-Jun-24
						Sample Identification	BH 24-1/SS1	BH 24-1/SS5	BH 24-2/SS2	BH 24-2/SS4	BH 24-2/SS5
						Unit					
PHCs (F1-F4)											
F1 (C6-C10)	25	25	25	25	25	µg/g	< 10	< 10	< 10	---	< 10
F1-BTEX	25	25	25	25	25	µg/g	< 10	< 10	< 10	---	< 10
F2 (C10-C16)	10	10	26	10	26	µg/g	< 10	< 10	< 10	---	< 10
F3 (C16-C34)	240	240	240	300	1700	µg/g	132	< 50	< 50	---	< 50
F4 (C34-C50)	120	120	3300	2800	3300	µg/g	**278**	< 50	< 50	---	< 50
F4G-sg	120	120	3300	2800	3300	µg/g	**2400**	---	---	---	---

Notes
Bold – Exceeds Table 1 Standards
Underline – Exceeds Table 3.1 RPI Standards
Shaded – Exceeds Table 3.1 ICC Standards

Table 2.0
Soil Quality - Petroleum Hydrocarbons F1 to F4
Results of Soil Sampling
Uxbridge Community Hospital
Project No. 02310769.004

							6	7	8	9	10
Parameters	Table 1 RPI/ICC	Table 2.1 RPI	Table 2.1 ICC	Table 3.1 RPI	Table 3.1 ICC	SGS Lab Work Order	CA40160-JUN24 R	CA40160-JUN24 R	CA40160-JUN24 R	CA40160-JUN24 R	CA40160-JUN24 R
						Lab Sample Identification	CA40160-JUN24 R - 15	CA40160-JUN24 R - 16	CA40160-JUN24 R - 17	CA40160-JUN24 R - 18	CA40160-JUN24 R - 19
						Sampling Date	17-Jun-24	17-Jun-24	17-Jun-24	17-Jun-24	18-Jun-24
						Sample Identification	BH 24-3/SS1	BH 24-3/SS4	BH 24-4/SS1	BH 24-4/SS5	BH 24-5/SS1
						Unit					
PHCs (F1-F4)											
F1 (C6-C10)	25	25	25	25	25	µg/g	< 10	< 10	< 10	< 10	< 10
F1-BTEX	25	25	25	25	25	µg/g	< 10	< 10	< 10	< 10	< 10
F2 (C10-C16)	10	10	26	10	26	µg/g	< 10	< 10	< 10	< 10	< 10
F3 (C16-C34)	240	240	240	300	1700	µg/g	< 50	< 50	225	< 50	< 50
F4 (C34-C50)	120	120	3300	2800	3300	µg/g	< 50	< 50	**456**	< 50	< 50
F4G-sg	120	120	3300	2800	3300	µg/g	---	---	**1630**	---	---

Notes
Bold – Exceeds Table 1 Standards
Underline – Exceeds Table 3.1 RPI Standards
Shaded – Exceeds Table 3.1 ICC Standards

Table 2.0
Soil Quality - Petroleum Hydrocarbons F1 to F4
Results of Soil Sampling
Uxbridge Community Hospital
Project No. 02310769.004

							11	12	13	14	15
Parameters	Table 1 RPI/ICC	Table 2.1 RPI	Table 2.1 ICC	Table 3.1 RPI	Table 3.1 ICC	SGS Lab Work Order	CA40160-JUN24 R	CA40160-JUN24 R	CA40160-JUN24 R	CA40160-JUN24 R	CA40160-JUN24 R
						Lab Sample Identification	CA40160-JUN24 R - 20	CA40160-JUN24 R - 21	CA40160-JUN24 R - 22	CA40160-JUN24 R - 23	CA40160-JUN24 R - 24
						Sampling Date	18-Jun-24	18-Jun-24	18-Jun-24	18-Jun-24	19-Jun-24
						Sample Identification	BH 24-5/SS5	BH 24-6/SS2	BH 24-7/SS3	BH 24-7/SS6	BH 24-8/SS2
						Unit					
PHCs (F1-F4)											
F1 (C6-C10)	25	25	25	25	25	µg/g	< 10	< 10	< 10	< 10	< 10
F1-BTEX	25	25	25	25	25	µg/g	< 10	< 10	< 10	< 10	< 10
F2 (C10-C16)	10	10	26	10	26	µg/g	< 10	< 10	< 10	< 10	< 10
F3 (C16-C34)	240	240	240	300	1700	µg/g	< 50	212	< 50	< 50	62
F4 (C34-C50)	120	120	3300	2800	3300	µg/g	< 50	**457**	< 50	< 50	93
F4G-sg	120	120	3300	2800	3300	µg/g	---	**1460**	---	---	---

Notes
Bold – Exceeds Table 1 Standards
Underline – Exceeds Table 3.1 RPI Standards
Shaded – Exceeds Table 3.1 ICC Standards

Table 2.0
Soil Quality - Petroleum Hydrocarbons F1 to F4
Results of Soil Sampling
Uxbridge Community Hospital
Project No. 02310769.004

							16	17	18	19	20
Parameters	Table 1 RPI/ICC	Table 2.1 RPI	Table 2.1 ICC	Table 3.1 RPI	Table 3.1 ICC	SGS Lab Work Order	CA40160-JUN24 R	CA40160-JUN24 R	CA40160-JUN24 R	CA40160-JUN24 R	CA40160-JUN24 R
						Lab Sample Identification	CA40160-JUN24 R - 25	CA40160-JUN24 R - 26	CA40160-JUN24 R - 27	CA40160-JUN24 R - 28	CA40160-JUN24 R - 29
						Sampling Date	19-Jun-24	19-Jun-24	19-Jun-24	20-Jun-24	20-Jun-24
						Sample Identification	BH 24-8/SS5	BH 24-9/SS2	BH 24-10/SS3	BH 24-11/SS2	BH 24-12/SS1
						Unit					
PHCs (F1-F4)											
F1 (C6-C10)	25	25	25	25	25	µg/g	< 10	< 10	< 10	< 10	< 10
F1-BTEX	25	25	25	25	25	µg/g	< 10	< 10	< 10	< 10	< 10
F2 (C10-C16)	10	10	26	10	26	µg/g	< 10	< 10	< 10	< 10	< 10
F3 (C16-C34)	240	240	240	300	1700	µg/g	< 50	< 50	< 50	< 50	< 50
F4 (C34-C50)	120	120	3300	2800	3300	µg/g	< 50	< 50	< 50	< 50	< 50
F4G-sg	120	120	3300	2800	3300	µg/g	---	---	---	---	---

Notes
Bold – Exceeds Table 1 Standards
Underline – Exceeds Table 3.1 RPI Standards
Shaded – Exceeds Table 3.1 ICC Standards

Table 2.0
Soil Quality - Petroleum Hydrocarbons F1 to F4
Results of Soil Sampling
Uxbridge Community Hospital
Project No. 02310769.004

							21	22	23	24	25
Parameters	Table 1 RPI/ICC	Table 2.1 RPI	Table 2.1 ICC	Table 3.1 RPI	Table 3.1 ICC	SGS Lab Work Order	CA40160-JUN24 R	CA40160-JUN24 R	CA40160-JUN24 R	CA40160-JUN24 R	CA40160-JUN24 R
						Lab Sample Identification	CA40160-JUN24 R - 30	CA40160-JUN24 R - 31	CA40160-JUN24 R - 32	CA40160-JUN24 R - 33	CA40160-JUN24 R - 34
						Sampling Date	20-Jun-24	20-Jun-24	20-Jun-24	20-Jun-24	20-Jun-24
						Sample Identification	BH 24-12/SS4	BH 24-13/SS3	BH 24-14/SS1	BH 24-14/SS4	BH 24-15/SS3
						Unit					
PHCs (F1-F4)											
F1 (C6-C10)	25	25	25	25	25	µg/g	< 10	< 10	< 10	< 10	< 10
F1-BTEX	25	25	25	25	25	µg/g	< 10	< 10	< 10	< 10	< 10
F2 (C10-C16)	10	10	26	10	26	µg/g	< 10	< 10	< 10	< 10	< 10
F3 (C16-C34)	240	240	240	300	1700	µg/g	< 50	< 50	< 50	**< 50**	**< 50**
F4 (C34-C50)	120	120	3300	2800	3300	µg/g	< 50	< 50	< 50	< 50	**< 50**
F4G-sg	120	120	3300	2800	3300	µg/g	---	---	---	---	---

Notes
Bold – Exceeds Table 1 Standards
Underline – Exceeds Table 3.1 RPI Standards
Shaded – Exceeds Table 3.1 ICC Standards

Table 2.0
Soil Quality - Petroleum Hydrocarbons F1 to F4
Results of Soil Sampling
Uxbridge Community Hospital
Project No. 02310769.004

							26	27	28	29	30
Parameters	Table 1 RPI/ICC	Table 2.1 RPI	Table 2.1 ICC	Table 3.1 RPI	Table 3.1 ICC	SGS Lab Work Order	CA40160-JUN24 R	CA40160-JUN24 R	CA40160-JUN24 R	CA40160-JUN24 R	CA40160-JUN24 R
						Lab Sample Identification	CA40160-JUN24 R - 35	CA40160-JUN24 R - 36	CA40160-JUN24 R - 37	CA40160-JUN24 R - 38	CA40160-JUN24 R - 39
						Sampling Date	19-Jun-24	19-Jun-24	19-Jun-24	17-Jun-24	17-Jun-24
						Sample Identification	BH 24-16/SS1	BH 24-16/SS3	BH 24-16/SS4	BH 24-17/SS1	BH 24-17/SS2
						Unit					
PHCs (F1-F4)											
F1 (C6-C10)	25	25	25	25	25	µg/g	< 10	< 10	< 10	< 10	< 10
F1-BTEX	25	25	25	25	25	µg/g	< 10	< 10	< 10	< 10	< 10
F2 (C10-C16)	10	10	26	10	26	µg/g	< 10	< 10	< 10	< 10	< 10
F3 (C16-C34)	240	240	240	300	1700	µg/g	< 50	< 50	< 50	56	< 50
F4 (C34-C50)	120	120	3300	2800	3300	µg/g	< 50	< 50	< 50	118	**122**
F4G-sg	120	120	3300	2800	3300	µg/g	---	---	---	---	---

Notes
Bold – Exceeds Table 1 Standards
Underline – Exceeds Table 3.1 RPI Standards
Shaded – Exceeds Table 3.1 ICC Standards

Table 2.0
Soil Quality - Petroleum Hydrocarbons F1 to F4
Results of Soil Sampling
Uxbridge Community Hospital
Project No. 02310769.004

							31	32	33	34	35
Parameters	Table 1 RPI/ICC	Table 2.1 RPI	Table 2.1 ICC	Table 3.1 RPI	Table 3.1 ICC	SGS Lab Work Order	CA40160-JUN24 R	CA40160-JUN24 R	CA40160-JUN24 R	CA40160-JUN24 R	CA40160-JUN24 R
						Lab Sample Identification	CA40160-JUN24 R - 40	CA40160-JUN24 R - 41	CA40160-JUN24 R - 42	CA40160-JUN24 R - 43	CA40160-JUN24 R - 44
						Sampling Date	17-Jun-24	17-Jun-24	18-Jun-24	19-Jun-24	19-Jun-24
						Sample Identification	BH 24-17/SS4	DUP#1 - BH 24-3/SS1	DUP#2 - BH 24-5/SS1	DUP#3 - BH 24-16/SS1	DUP#4 - BH 24-10/SS3
						Unit					
PHCs (F1-F4)											
F1 (C6-C10)	25	25	25	25	25	µg/g	< 10	< 10	< 10	< 10	< 10
F1-BTEX	25	25	25	25	25	µg/g	< 10	< 10	< 10	< 10	< 10
F2 (C10-C16)	10	10	26	10	26	µg/g	< 10	< 10	< 10	< 10	< 10
F3 (C16-C34)	240	240	240	300	1700	µg/g	< 50	< 50	< 50	< 50	< 50
F4 (C34-C50)	120	120	3300	2800	3300	µg/g	< 50	< 50	< 50	< 50	< 50
F4G-sg	120	120	3300	2800	3300	µg/g	---	---	---	---	---

Notes
Bold – Exceeds Table 1 Standards
Underline – Exceeds Table 3.1 RPI Standards
Shaded – Exceeds Table 3.1 ICC Standards

Table 3.0
Soil Quality - Volatile Organic Compounds & BTEX
Results of Soil Sampling
Uxbridge Community Hospital
Project No. 02310769.004

							1	2	3	4	5
Parameters	Table 1 RPI/ICC	Table 2.1 RPI	Table 2.1 ICC	Table 3.1 RPI	Table 3.1 ICC	SGS Lab Work Order	CA40160-JUN24 R	CA40160-JUN24 R	CA40160-JUN24 R	CA40160-JUN24 R	CA40160-JUN24 R
						Lab Sample Identification	CA40160-JUN24 R - 10	CA40160-JUN24 R - 11	CA40160-JUN24 R - 12	CA40160-JUN24 R - 13	CA40160-JUN24 R - 14
						Sampling Date	18-Jun-24	18-Jun-24	17-Jun-24	17-Jun-24	17-Jun-24
						Sample Identification	BH 24-1/SS1	BH 24-1/SS5	BH 24-2/SS2	BH 24-2/SS4	BH 24-2/SS5
						Unit					
VOCs											
Acetone	0.5	0.5	0.5	1.8	1.8	µg/g	< 0.5	< 0.5	< 0.5	---	< 0.5
Bromomethane	0.05	0.05	0.05	0.05	0.05	µg/g	< 0.05	< 0.05	< 0.05	---	< 0.05
Carbon tetrachloride	0.05	0.05	0.05	0.05	0.05	µg/g	< 0.05	< 0.05	< 0.05	---	< 0.05
Chlorobenzene	0.05	0.083	0.083	0.28	0.28	µg/g	< 0.05	< 0.05	< 0.05	---	< 0.05
Chloroform	0.05	0.05	0.05	0.08	0.26	µg/g	< 0.05	< 0.05	< 0.05	---	< 0.05
1,2-Dichlorobenzene	0.05	3.4	6.8	3.4	6.8	µg/g	< 0.05	< 0.05	< 0.05	---	< 0.05
1,3-Dichlorobenzene	0.05	0.26	0.26	4.8	6.8	µg/g	< 0.05	< 0.05	< 0.05	---	< 0.05
1,4-Dichlorobenzene	0.05	0.05	0.05	0.05	0.05	µg/g	< 0.05	< 0.05	< 0.05	---	< 0.05
Dichlorodifluoromethane	0.05	1.5	1.5	1.8	1.8	µg/g	< 0.05	< 0.05	< 0.05	---	< 0.05
1,1-Dichloroethane	0.05	0.05	0.05	0.14	0.57	µg/g	< 0.05	< 0.05	< 0.05	---	< 0.05
1,2-Dichloroethane	0.05	0.05	0.05	0.05	0.05	µg/g	< 0.05	< 0.05	< 0.05	---	< 0.05
1,1-Dichloroethylene	0.05	0.05	0.05	0.05	0.05	µg/g	< 0.05	< 0.05	< 0.05	---	< 0.05
trans-1,2-Dichloroethylene	0.05	0.05	0.05	0.05	0.05	µg/g	< 0.05	< 0.05	< 0.05	---	< 0.05
cis-1,2-Dichloroethylene	0.05	0.05	0.05	0.05	0.05	µg/g	< 0.05	< 0.05	< 0.05	---	< 0.05
1,2-Dichloropropane	0.05	0.05	0.05	0.05	0.05	µg/g	< 0.05	< 0.05	< 0.05	---	< 0.05
cis-1,3-dichloropropene						µg/g	< 0.03	< 0.03	< 0.03	---	< 0.03
trans-1,3-dichloropropene						µg/g	< 0.03	< 0.03	< 0.03	---	< 0.03
1,3-dichloropropene (total)	0.05	0.05	0.05	0.05	0.05	µg/g	< 0.05	< 0.05	< 0.05	---	< 0.05
Ethylenedibromide	0.05	0.05	0.05	0.05	0.05	µg/g	< 0.05	< 0.05	< 0.05	---	< 0.05
n-Hexane	0.05	2.5	2.5	2.5	2.5	µg/g	< 0.05	< 0.05	< 0.05	---	< 0.05
Methyl ethyl ketone	0.5	0.5	0.5	14	26	µg/g	< 0.5	< 0.5	< 0.5	---	< 0.5
Methyl isobutyl ketone	0.5	0.5	0.5	0.89	17	µg/g	< 0.5	< 0.5	< 0.5	---	< 0.5
Methyl-t-butyl Ether	0.05	0.05	0.05	0.05	0.05	µg/g	< 0.05	< 0.05	< 0.05	---	< 0.05
Methylene Chloride	0.05	0.05	0.05	0.06	0.2	µg/g	< 0.05	< 0.05	< 0.05	---	< 0.05
Styrene	0.05	0.05	0.05	0.5	6.8	µg/g	< 0.05	< 0.05	< 0.05	---	< 0.05
Tetrachloroethylene	0.05	0.05	0.05	0.05	0.05	µg/g	< 0.05	< 0.05	< 0.05	---	< 0.05
1,1,1,2-Tetrachloroethane	0.05	0.05	0.05	0.05	0.05	µg/g	< 0.05	< 0.05	< 0.05	---	< 0.05
1,1,2,2-Tetrachloroethane	0.05	0.05	0.05	0.05	0.05	µg/g	< 0.05	< 0.05	< 0.05	---	< 0.05
1,1,1-Trichloroethane	0.05	0.11	0.12	0.11	0.4	µg/g	< 0.05	< 0.05	< 0.05	---	< 0.05
1,1,2-Trichloroethane	0.05	0.05	0.05	0.05	0.05	µg/g	< 0.05	< 0.05	< 0.05	---	< 0.05
Trichloroethylene	0.05	0.05	0.05	0.05	0.05	µg/g	< 0.05	< 0.05	< 0.05	---	< 0.05
Trichlorofluoromethane	0.25	0.25	0.25	0.46	0.46	µg/g	< 0.05	< 0.05	< 0.05	---	< 0.05
Vinyl Chloride	0.02	0.02	0.02	0.02	0.02	µg/g	< 0.02	< 0.02	< 0.02	---	< 0.02
THMs (VOC)											
Bromodichloromethane	0.05	0.05	0.05	5.8	5.8	µg/g	< 0.05	< 0.05	< 0.05	---	< 0.05
Bromoform	0.05	0.05	0.05	2.5	2.5	µg/g	< 0.05	< 0.05	< 0.05	---	< 0.05
Dibromochloromethane	0.05	0.05	0.05	5.5	5.5	µg/g	< 0.05	< 0.05	< 0.05	---	< 0.05
BTEX											
Benzene	0.02	0.02	0.02	0.02	0.034	µg/g	< 0.02	< 0.02	< 0.02	---	< 0.02
Ethylbenzene	0.05	0.05	0.05	1.9	1.9	µg/g	< 0.05	< 0.05	< 0.05	---	< 0.05
Toluene	0.2	0.2	0.2	0.99	7.8	µg/g	< 0.05	< 0.05	< 0.05	---	< 0.05
Xylene (total)	0.05	0.091	0.091	0.9	3	µg/g	< 0.05	< 0.05	< 0.05	---	< 0.05
m/p-xylene						µg/g	< 0.05	< 0.05	< 0.05	---	< 0.05
o-xylene						µg/g	< 0.05	< 0.05	< 0.05	---	< 0.05

Notes
Bold – Exceeds Table 1 Standards
Underline – Exceeds Table 3.1 RPI Standards
Shaded – Exceeds Table 3.1 ICC Standards

Table 3.0
Soil Quality - Volatile Organic Compounds & BTEX
Results of Soil Sampling
Uxbridge Community Hospital
Project No. 02310769.004

							6	7	8	9	10
Parameters	Table 1 RPI/ICC	Table 2.1 RPI	Table 2.1 ICC	Table 3.1 RPI	Table 3.1 ICC	SGS Lab Work Order	CA40160-JUN24 R	CA40160-JUN24 R	CA40160-JUN24 R	CA40160-JUN24 R	CA40160-JUN24 R
						Lab Sample Identification	CA40160-JUN24 R - 15	CA40160-JUN24 R - 16	CA40160-JUN24 R - 17	CA40160-JUN24 R - 18	CA40160-JUN24 R - 19
						Sampling Date	17-Jun-24	17-Jun-24	17-Jun-24	17-Jun-24	18-Jun-24
						Sample Identification	BH 24-3/SS1	BH 24-3/SS4	BH 24-4/SS1	BH 24-4/SS5	BH 24-5/SS1
						Unit					
VOCs											
Acetone	0.5	0.5	0.5	1.8	1.8	µg/g	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Bromomethane	0.05	0.05	0.05	0.05	0.05	µg/g	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Carbon tetrachloride	0.05	0.05	0.05	0.05	0.05	µg/g	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Chlorobenzene	0.05	0.083	0.083	0.28	0.28	µg/g	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Chloroform	0.05	0.05	0.05	0.08	0.26	µg/g	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
1,2-Dichlorobenzene	0.05	3.4	6.8	3.4	6.8	µg/g	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
1,3-Dichlorobenzene	0.05	0.26	0.26	4.8	6.8	µg/g	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
1,4-Dichlorobenzene	0.05	0.05	0.05	0.05	0.05	µg/g	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Dichlorodifluoromethane	0.05	1.5	1.5	1.8	1.8	µg/g	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
1,1-Dichloroethane	0.05	0.05	0.05	0.14	0.57	µg/g	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
1,2-Dichloroethane	0.05	0.05	0.05	0.05	0.05	µg/g	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
1,1-Dichloroethylene	0.05	0.05	0.05	0.05	0.05	µg/g	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
trans-1,2-Dichloroethylene	0.05	0.05	0.05	0.05	0.05	µg/g	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
cis-1,2-Dichloroethylene	0.05	0.05	0.05	0.05	0.05	µg/g	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
1,2-Dichloropropane	0.05	0.05	0.05	0.05	0.05	µg/g	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
cis-1,3-dichloropropene						µg/g	< 0.03	< 0.03	< 0.03	< 0.03	< 0.03
trans-1,3-dichloropropene						µg/g	< 0.03	< 0.03	< 0.03	< 0.03	< 0.03
1,3-dichloropropene (total)	0.05	0.05	0.05	0.05	0.05	µg/g	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Ethylenedibromide	0.05	0.05	0.05	0.05	0.05	µg/g	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
n-Hexane	0.05	2.5	2.5	2.5	2.5	µg/g	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Methyl ethyl ketone	0.5	0.5	0.5	14	26	µg/g	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Methyl isobutyl ketone	0.5	0.5	0.5	0.89	17	µg/g	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Methyl-t-butyl Ether	0.05	0.05	0.05	0.05	0.05	µg/g	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Methylene Chloride	0.05	0.05	0.05	0.06	0.2	µg/g	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Styrene	0.05	0.05	0.05	0.5	6.8	µg/g	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Tetrachloroethylene	0.05	0.05	0.05	0.05	0.05	µg/g	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
1,1,1,2-Tetrachloroethane	0.05	0.05	0.05	0.05	0.05	µg/g	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
1,1,2,2-Tetrachloroethane	0.05	0.05	0.05	0.05	0.05	µg/g	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
1,1,1-Trichloroethane	0.05	0.11	0.12	0.11	0.4	µg/g	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
1,1,2-Trichloroethane	0.05	0.05	0.05	0.05	0.05	µg/g	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Trichloroethylene	0.05	0.05	0.05	0.05	0.05	µg/g	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Trichlorofluoromethane	0.25	0.25	0.25	0.46	0.46	µg/g	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Vinyl Chloride	0.02	0.02	0.02	0.02	0.02	µg/g	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02
THMs (VOC)											
Bromodichloromethane	0.05	0.05	0.05	5.8	5.8	µg/g	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Bromoform	0.05	0.05	0.05	2.5	2.5	µg/g	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Dibromochloromethane	0.05	0.05	0.05	5.5	5.5	µg/g	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
BTEX											
Benzene	0.02	0.02	0.02	0.02	0.034	µg/g	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02
Ethylbenzene	0.05	0.05	0.05	1.9	1.9	µg/g	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Toluene	0.2	0.2	0.2	0.99	7.8	µg/g	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Xylene (total)	0.05	0.091	0.091	0.9	3	µg/g	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
m/p-xylene						µg/g	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
o-xylene						µg/g	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05

Notes
Bold – Exceeds Table 1 Standards
Underline – Exceeds Table 3.1 RPI Standards
Shaded – Exceeds Table 3.1 ICC Standards

Table 3.0
Soil Quality - Volatile Organic Compounds & BTEX
Results of Soil Sampling
Uxbridge Community Hospital
Project No. 02310769.004

							11	12	13	14	15
Parameters	Table 1 RPI/ICC	Table 2.1 RPI	Table 2.1 ICC	Table 3.1 RPI	Table 3.1 ICC	SGS Lab Work Order	CA40160-JUN24 R	CA40160-JUN24 R	CA40160-JUN24 R	CA40160-JUN24 R	CA40160-JUN24 R
						Lab Sample Identification	CA40160-JUN24 R - 20	CA40160-JUN24 R - 21	CA40160-JUN24 R - 22	CA40160-JUN24 R - 23	CA40160-JUN24 R - 24
						Sampling Date	18-Jun-24	18-Jun-24	18-Jun-24	18-Jun-24	19-Jun-24
						Sample Identification	BH 24-5/SS5	BH 24-6/SS2	BH 24-7/SS3	BH 24-7/SS6	BH 24-8/SS2
						Unit					
VOCs											
Acetone	0.5	0.5	0.5	1.8	1.8	µg/g	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Bromomethane	0.05	0.05	0.05	0.05	0.05	µg/g	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Carbon tetrachloride	0.05	0.05	0.05	0.05	0.05	µg/g	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Chlorobenzene	0.05	0.083	0.083	0.28	0.28	µg/g	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Chloroform	0.05	0.05	0.05	0.08	0.26	µg/g	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
1,2-Dichlorobenzene	0.05	3.4	6.8	3.4	6.8	µg/g	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
1,3-Dichlorobenzene	0.05	0.26	0.26	4.8	6.8	µg/g	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
1,4-Dichlorobenzene	0.05	0.05	0.05	0.05	0.05	µg/g	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Dichlorodifluoromethane	0.05	1.5	1.5	1.8	1.8	µg/g	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
1,1-Dichloroethane	0.05	0.05	0.05	0.14	0.57	µg/g	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
1,2-Dichloroethane	0.05	0.05	0.05	0.05	0.05	µg/g	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
1,1-Dichloroethylene	0.05	0.05	0.05	0.05	0.05	µg/g	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
trans-1,2-Dichloroethylene	0.05	0.05	0.05	0.05	0.05	µg/g	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
cis-1,2-Dichloroethylene	0.05	0.05	0.05	0.05	0.05	µg/g	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
1,2-Dichloropropane	0.05	0.05	0.05	0.05	0.05	µg/g	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
cis-1,3-dichloropropene						µg/g	< 0.03	< 0.03	< 0.03	< 0.03	< 0.03
trans-1,3-dichloropropene						µg/g	< 0.03	< 0.03	< 0.03	< 0.03	< 0.03
1,3-dichloropropene (total)	0.05	0.05	0.05	0.05	0.05	µg/g	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Ethylenedibromide	0.05	0.05	0.05	0.05	0.05	µg/g	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
n-Hexane	0.05	2.5	2.5	2.5	2.5	µg/g	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Methyl ethyl ketone	0.5	0.5	0.5	14	26	µg/g	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Methyl isobutyl ketone	0.5	0.5	0.5	0.89	17	µg/g	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Methyl-t-butyl Ether	0.05	0.05	0.05	0.05	0.05	µg/g	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Methylene Chloride	0.05	0.05	0.05	0.06	0.2	µg/g	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Styrene	0.05	0.05	0.05	0.5	6.8	µg/g	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Tetrachloroethylene	0.05	0.05	0.05	0.05	0.05	µg/g	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
1,1,1,2-Tetrachloroethane	0.05	0.05	0.05	0.05	0.05	µg/g	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
1,1,2,2-Tetrachloroethane	0.05	0.05	0.05	0.05	0.05	µg/g	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
1,1,1-Trichloroethane	0.05	0.11	0.12	0.11	0.4	µg/g	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
1,1,2-Trichloroethane	0.05	0.05	0.05	0.05	0.05	µg/g	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Trichloroethylene	0.05	0.05	0.05	0.05	0.05	µg/g	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Trichlorofluoromethane	0.25	0.25	0.25	0.46	0.46	µg/g	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Vinyl Chloride	0.02	0.02	0.02	0.02	0.02	µg/g	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02
THMs (VOC)											
Bromodichloromethane	0.05	0.05	0.05	5.8	5.8	µg/g	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Bromoform	0.05	0.05	0.05	2.5	2.5	µg/g	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Dibromochloromethane	0.05	0.05	0.05	5.5	5.5	µg/g	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
BTEX											
Benzene	0.02	0.02	0.02	0.02	0.034	µg/g	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02
Ethylbenzene	0.05	0.05	0.05	1.9	1.9	µg/g	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Toluene	0.2	0.2	0.2	0.99	7.8	µg/g	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Xylene (total)	0.05	0.091	0.091	0.9	3	µg/g	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
m/p-xylene						µg/g	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
o-xylene						µg/g	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05

Notes
Bold – Exceeds Table 1 Standards
Underline – Exceeds Table 3.1 RPI Standards
Shaded – Exceeds Table 3.1 ICC Standards

Table 3.0
Soil Quality - Volatile Organic Compounds & BTEX
Results of Soil Sampling
Uxbridge Community Hospital
Project No. 02310769.004

							16	17	18	19	20
Parameters	Table 1 RPI/ICC	Table 2.1 RPI	Table 2.1 ICC	Table 3.1 RPI	Table 3.1 ICC	SGS Lab Work Order	CA40160-JUN24 R	CA40160-JUN24 R	CA40160-JUN24 R	CA40160-JUN24 R	CA40160-JUN24 R
						Lab Sample Identification	CA40160-JUN24 R - 25	CA40160-JUN24 R - 26	CA40160-JUN24 R - 27	CA40160-JUN24 R - 28	CA40160-JUN24 R - 29
						Sampling Date	19-Jun-24	19-Jun-24	19-Jun-24	20-Jun-24	20-Jun-24
						Sample Identification	BH 24-8/SS5	BH 24-9/SS2	BH 24-10/SS3	BH 24-11/SS2	BH 24-12/SS1
						Unit					
VOCs											
Acetone	0.5	0.5	0.5	1.8	1.8	µg/g	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Bromomethane	0.05	0.05	0.05	0.05	0.05	µg/g	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Carbon tetrachloride	0.05	0.05	0.05	0.05	0.05	µg/g	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Chlorobenzene	0.05	0.083	0.083	0.28	0.28	µg/g	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Chloroform	0.05	0.05	0.05	0.08	0.26	µg/g	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
1,2-Dichlorobenzene	0.05	3.4	6.8	3.4	6.8	µg/g	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
1,3-Dichlorobenzene	0.05	0.26	0.26	4.8	6.8	µg/g	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
1,4-Dichlorobenzene	0.05	0.05	0.05	0.05	0.05	µg/g	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Dichlorodifluoromethane	0.05	1.5	1.5	1.8	1.8	µg/g	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
1,1-Dichloroethane	0.05	0.05	0.05	0.14	0.57	µg/g	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
1,2-Dichloroethane	0.05	0.05	0.05	0.05	0.05	µg/g	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
1,1-Dichloroethylene	0.05	0.05	0.05	0.05	0.05	µg/g	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
trans-1,2-Dichloroethylene	0.05	0.05	0.05	0.05	0.05	µg/g	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
cis-1,2-Dichloroethylene	0.05	0.05	0.05	0.05	0.05	µg/g	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
1,2-Dichloropropane	0.05	0.05	0.05	0.05	0.05	µg/g	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
cis-1,3-dichloropropene						µg/g	< 0.03	< 0.03	< 0.03	< 0.03	< 0.03
trans-1,3-dichloropropene						µg/g	< 0.03	< 0.03	< 0.03	< 0.03	< 0.03
1,3-dichloropropene (total)	0.05	0.05	0.05	0.05	0.05	µg/g	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Ethylenedibromide	0.05	0.05	0.05	0.05	0.05	µg/g	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
n-Hexane	0.05	2.5	2.5	2.5	2.5	µg/g	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Methyl ethyl ketone	0.5	0.5	0.5	14	26	µg/g	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Methyl isobutyl ketone	0.5	0.5	0.5	0.89	17	µg/g	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Methyl-t-butyl Ether	0.05	0.05	0.05	0.05	0.05	µg/g	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Methylene Chloride	0.05	0.05	0.05	0.06	0.2	µg/g	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Styrene	0.05	0.05	0.05	0.5	6.8	µg/g	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Tetrachloroethylene	0.05	0.05	0.05	0.05	0.05	µg/g	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
1,1,1,2-Tetrachloroethane	0.05	0.05	0.05	0.05	0.05	µg/g	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
1,1,2,2-Tetrachloroethane	0.05	0.05	0.05	0.05	0.05	µg/g	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
1,1,1-Trichloroethane	0.05	0.11	0.12	0.11	0.4	µg/g	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
1,1,2-Trichloroethane	0.05	0.05	0.05	0.05	0.05	µg/g	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Trichloroethylene	0.05	0.05	0.05	0.05	0.05	µg/g	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Trichlorofluoromethane	0.25	0.25	0.25	0.46	0.46	µg/g	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Vinyl Chloride	0.02	0.02	0.02	0.02	0.02	µg/g	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02
THMs (VOC)											
Bromodichloromethane	0.05	0.05	0.05	5.8	5.8	µg/g	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Bromoform	0.05	0.05	0.05	2.5	2.5	µg/g	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Dibromochloromethane	0.05	0.05	0.05	5.5	5.5	µg/g	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
BTEX											
Benzene	0.02	0.02	0.02	0.02	0.034	µg/g	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02
Ethylbenzene	0.05	0.05	0.05	1.9	1.9	µg/g	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Toluene	0.2	0.2	0.2	0.99	7.8	µg/g	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Xylene (total)	0.05	0.091	0.091	0.9	3	µg/g	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
m/p-xylene						µg/g	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
o-xylene						µg/g	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05

Notes
Bold – Exceeds Table 1 Standards
Underline – Exceeds Table 3.1 RPI Standards
Shaded – Exceeds Table 3.1 ICC Standards

Table 3.0
Soil Quality - Volatile Organic Compounds & BTEX
Results of Soil Sampling
Uxbridge Community Hospital
Project No. 02310769.004

							21	22	23	24	25
Parameters	Table 1 RPI/ICC	Table 2.1 RPI	Table 2.1 ICC	Table 3.1 RPI	Table 3.1 ICC	SGS Lab Work Order	CA40160-JUN24 R	CA40160-JUN24 R	CA40160-JUN24 R	CA40160-JUN24 R	CA40160-JUN24 R
						Lab Sample Identification	CA40160-JUN24 R - 30	CA40160-JUN24 R - 31	CA40160-JUN24 R - 32	CA40160-JUN24 R - 33	CA40160-JUN24 R - 34
						Sampling Date	20-Jun-24	20-Jun-24	20-Jun-24	20-Jun-24	20-Jun-24
						Sample Identification	BH 24-12/SS4	BH 24-13/SS3	BH 24-14/SS1	BH 24-14/SS4	BH 24-15/SS3
						Unit					
VOCs											
Acetone	0.5	0.5	0.5	1.8	1.8	µg/g	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Bromomethane	0.05	0.05	0.05	0.05	0.05	µg/g	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Carbon tetrachloride	0.05	0.05	0.05	0.05	0.05	µg/g	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Chlorobenzene	0.05	0.083	0.083	0.28	0.28	µg/g	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Chloroform	0.05	0.05	0.05	0.08	0.26	µg/g	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
1,2-Dichlorobenzene	0.05	3.4	6.8	3.4	6.8	µg/g	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
1,3-Dichlorobenzene	0.05	0.26	0.26	4.8	6.8	µg/g	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
1,4-Dichlorobenzene	0.05	0.05	0.05	0.05	0.05	µg/g	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Dichlorodifluoromethane	0.05	1.5	1.5	1.8	1.8	µg/g	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
1,1-Dichloroethane	0.05	0.05	0.05	0.14	0.57	µg/g	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
1,2-Dichloroethane	0.05	0.05	0.05	0.05	0.05	µg/g	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
1,1-Dichloroethylene	0.05	0.05	0.05	0.05	0.05	µg/g	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
trans-1,2-Dichloroethylene	0.05	0.05	0.05	0.05	0.05	µg/g	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
cis-1,2-Dichloroethylene	0.05	0.05	0.05	0.05	0.05	µg/g	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
1,2-Dichloropropane	0.05	0.05	0.05	0.05	0.05	µg/g	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
cis-1,3-dichloropropene						µg/g	< 0.03	< 0.03	< 0.03	< 0.03	< 0.03
trans-1,3-dichloropropene						µg/g	< 0.03	< 0.03	< 0.03	< 0.03	< 0.03
1,3-dichloropropene (total)	0.05	0.05	0.05	0.05	0.05	µg/g	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Ethylenedibromide	0.05	0.05	0.05	0.05	0.05	µg/g	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
n-Hexane	0.05	2.5	2.5	2.5	2.5	µg/g	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Methyl ethyl ketone	0.5	0.5	0.5	14	26	µg/g	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Methyl isobutyl ketone	0.5	0.5	0.5	0.89	17	µg/g	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Methyl-t-butyl Ether	0.05	0.05	0.05	0.05	0.05	µg/g	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Methylene Chloride	0.05	0.05	0.05	0.06	0.2	µg/g	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Styrene	0.05	0.05	0.05	0.5	6.8	µg/g	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Tetrachloroethylene	0.05	0.05	0.05	0.05	0.05	µg/g	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
1,1,1,2-Tetrachloroethane	0.05	0.05	0.05	0.05	0.05	µg/g	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
1,1,2,2-Tetrachloroethane	0.05	0.05	0.05	0.05	0.05	µg/g	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
1,1,1-Trichloroethane	0.05	0.11	0.12	0.11	0.4	µg/g	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
1,1,2-Trichloroethane	0.05	0.05	0.05	0.05	0.05	µg/g	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Trichloroethylene	0.05	0.05	0.05	0.05	0.05	µg/g	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Trichlorofluoromethane	0.25	0.25	0.25	0.46	0.46	µg/g	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Vinyl Chloride	0.02	0.02	0.02	0.02	0.02	µg/g	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02
THMs (VOC)											
Bromodichloromethane	0.05	0.05	0.05	5.8	5.8	µg/g	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Bromoform	0.05	0.05	0.05	2.5	2.5	µg/g	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Dibromochloromethane	0.05	0.05	0.05	5.5	5.5	µg/g	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
BTEX											
Benzene	0.02	0.02	0.02	0.02	0.034	µg/g	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02
Ethylbenzene	0.05	0.05	0.05	1.9	1.9	µg/g	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Toluene	0.2	0.2	0.2	0.99	7.8	µg/g	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Xylene (total)	0.05	0.091	0.091	0.9	3	µg/g	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
m/p-xylene						µg/g	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
o-xylene						µg/g	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05

Notes
Bold – Exceeds Table 1 Standards
Underline – Exceeds Table 3.1 RPI Standards
Shaded – Exceeds Table 3.1 ICC Standards

Table 3.0
Soil Quality - Volatile Organic Compounds & BTEX
Results of Soil Sampling
Uxbridge Community Hospital
Project No. 02310769.004

							26	27	28	29	30
Parameters	Table 1 RPI/ICC	Table 2.1 RPI	Table 2.1 ICC	Table 3.1 RPI	Table 3.1 ICC	SGS Lab Work Order	CA40160-JUN24 R	CA40160-JUN24 R	CA40160-JUN24 R	CA40160-JUN24 R	CA40160-JUN24 R
						Lab Sample Identification	CA40160-JUN24 R - 35	CA40160-JUN24 R - 36	CA40160-JUN24 R - 37	CA40160-JUN24 R - 38	CA40160-JUN24 R - 39
						Sampling Date	19-Jun-24	19-Jun-24	19-Jun-24	17-Jun-24	17-Jun-24
						Sample Identification	BH 24-16/SS1	BH 24-16/SS3	BH 24-16/SS4	BH 24-17/SS1	BH 24-17/SS2
						Unit					
VOCs											
Acetone	0.5	0.5	0.5	1.8	1.8	µg/g	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Bromomethane	0.05	0.05	0.05	0.05	0.05	µg/g	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Carbon tetrachloride	0.05	0.05	0.05	0.05	0.05	µg/g	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Chlorobenzene	0.05	0.083	0.083	0.28	0.28	µg/g	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Chloroform	0.05	0.05	0.05	0.08	0.26	µg/g	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
1,2-Dichlorobenzene	0.05	3.4	6.8	3.4	6.8	µg/g	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
1,3-Dichlorobenzene	0.05	0.26	0.26	4.8	6.8	µg/g	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
1,4-Dichlorobenzene	0.05	0.05	0.05	0.05	0.05	µg/g	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Dichlorodifluoromethane	0.05	1.5	1.5	1.8	1.8	µg/g	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
1,1-Dichloroethane	0.05	0.05	0.05	0.14	0.57	µg/g	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
1,2-Dichloroethane	0.05	0.05	0.05	0.05	0.05	µg/g	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
1,1-Dichloroethylene	0.05	0.05	0.05	0.05	0.05	µg/g	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
trans-1,2-Dichloroethylene	0.05	0.05	0.05	0.05	0.05	µg/g	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
cis-1,2-Dichloroethylene	0.05	0.05	0.05	0.05	0.05	µg/g	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
1,2-Dichloropropane	0.05	0.05	0.05	0.05	0.05	µg/g	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
cis-1,3-dichloropropene						µg/g	< 0.03	< 0.03	< 0.03	< 0.03	< 0.03
trans-1,3-dichloropropene						µg/g	< 0.03	< 0.03	< 0.03	< 0.03	< 0.03
1,3-dichloropropene (total)	0.05	0.05	0.05	0.05	0.05	µg/g	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Ethylenedibromide	0.05	0.05	0.05	0.05	0.05	µg/g	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
n-Hexane	0.05	2.5	2.5	2.5	2.5	µg/g	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Methyl ethyl ketone	0.5	0.5	0.5	14	26	µg/g	< 0.5	< 0.5	< 0.5	**< 0.5**	< 0.5
Methyl isobutyl ketone	0.5	0.5	0.5	0.89	17	µg/g	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Methyl-t-butyl Ether	0.05	0.05	0.05	0.05	0.05	µg/g	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Methylene Chloride	0.05	0.05	0.05	0.06	0.2	µg/g	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Styrene	0.05	0.05	0.05	0.5	6.8	µg/g	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Tetrachloroethylene	0.05	0.05	0.05	0.05	0.05	µg/g	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
1,1,1,2-Tetrachloroethane	0.05	0.05	0.05	0.05	0.05	µg/g	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
1,1,2,2-Tetrachloroethane	0.05	0.05	0.05	0.05	0.05	µg/g	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
1,1,1-Trichloroethane	0.05	0.11	0.12	0.11	0.4	µg/g	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
1,1,2-Trichloroethane	0.05	0.05	0.05	0.05	0.05	µg/g	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Trichloroethylene	0.05	0.05	0.05	0.05	0.05	µg/g	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Trichlorofluoromethane	0.25	0.25	0.25	0.46	0.46	µg/g	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Vinyl Chloride	0.02	0.02	0.02	0.02	0.02	µg/g	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02
THMs (VOC)											
Bromodichloromethane	0.05	0.05	0.05	5.8	5.8	µg/g	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Bromoform	0.05	0.05	0.05	2.5	2.5	µg/g	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Dibromochloromethane	0.05	0.05	0.05	5.5	5.5	µg/g	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
BTEX											
Benzene	0.02	0.02	0.02	0.02	0.034	µg/g	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02
Ethylbenzene	0.05	0.05	0.05	1.9	1.9	µg/g	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Toluene	0.2	0.2	0.2	0.99	7.8	µg/g	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Xylene (total)	0.05	0.091	0.091	0.9	3	µg/g	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
m/p-xylene						µg/g	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
o-xylene						µg/g	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05

Notes
Bold – Exceeds Table 1 Standards
Underline – Exceeds Table 3.1 RPI Standards
Shaded – Exceeds Table 3.1 ICC Standards

Table 3.0
Soil Quality - Volatile Organic Compounds & BTEX
Results of Soil Sampling
Uxbridge Community Hospital
Project No. 02310769.004

							31	32	33	34	35
Parameters	Table 1 RPI/ICC	Table 2.1 RPI	Table 2.1 ICC	Table 3.1 RPI	Table 3.1 ICC	SGS Lab Work Order	CA40160-JUN24 R	CA40160-JUN24 R	CA40160-JUN24 R	CA40160-JUN24 R	CA40160-JUN24 R
						Lab Sample Identification	CA40160-JUN24 R - 40	CA40160-JUN24 R - 41	CA40160-JUN24 R - 42	CA40160-JUN24 R - 43	CA40160-JUN24 R - 44
						Sampling Date	17-Jun-24	17-Jun-24	18-Jun-24	19-Jun-24	19-Jun-24
						Sample Identification	BH 24-17/SS4	DUP#1 - BH 24-3/SS1	DUP#2 - BH 24-5/SS1	DUP#3 - BH 24-16/SS1	DUP#4 - BH 24-10/SS3
						Unit					
VOCs											
Acetone	0.5	0.5	0.5	1.8	1.8	µg/g	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Bromomethane	0.05	0.05	0.05	0.05	0.05	µg/g	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Carbon tetrachloride	0.05	0.05	0.05	0.05	0.05	µg/g	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Chlorobenzene	0.05	0.083	0.083	0.28	0.28	µg/g	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Chloroform	0.05	0.05	0.05	0.08	0.26	µg/g	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
1,2-Dichlorobenzene	0.05	3.4	6.8	3.4	6.8	µg/g	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
1,3-Dichlorobenzene	0.05	0.26	0.26	4.8	6.8	µg/g	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
1,4-Dichlorobenzene	0.05	0.05	0.05	0.05	0.05	µg/g	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Dichlorodifluoromethane	0.05	1.5	1.5	1.8	1.8	µg/g	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
1,1-Dichloroethane	0.05	0.05	0.05	0.14	0.57	µg/g	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
1,2-Dichloroethane	0.05	0.05	0.05	0.05	0.05	µg/g	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
1,1-Dichloroethylene	0.05	0.05	0.05	0.05	0.05	µg/g	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
trans-1,2-Dichloroethylene	0.05	0.05	0.05	0.05	0.05	µg/g	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
cis-1,2-Dichloroethylene	0.05	0.05	0.05	0.05	0.05	µg/g	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
1,2-Dichloropropane	0.05	0.05	0.05	0.05	0.05	µg/g	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
cis-1,3-dichloropropene						µg/g	< 0.03	< 0.03	< 0.03	< 0.03	< 0.03
trans-1,3-dichloropropene						µg/g	< 0.03	< 0.03	< 0.03	< 0.03	< 0.03
1,3-dichloropropene (total)	0.05	0.05	0.05	0.05	0.05	µg/g	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Ethylenedibromide	0.05	0.05	0.05	0.05	0.05	µg/g	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
n-Hexane	0.05	2.5	2.5	2.5	2.5	µg/g	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Methyl ethyl ketone	0.5	0.5	0.5	14	26	µg/g	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Methyl isobutyl ketone	0.5	0.5	0.5	0.89	17	µg/g	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Methyl-t-butyl Ether	0.05	0.05	0.05	0.05	0.05	µg/g	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Methylene Chloride	0.05	0.05	0.05	0.06	0.2	µg/g	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Styrene	0.05	0.05	0.05	0.5	6.8	µg/g	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Tetrachloroethylene	0.05	0.05	0.05	0.05	0.05	µg/g	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
1,1,1,2-Tetrachloroethane	0.05	0.05	0.05	0.05	0.05	µg/g	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
1,1,2,2-Tetrachloroethane	0.05	0.05	0.05	0.05	0.05	µg/g	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
1,1,1-Trichloroethane	0.05	0.11	0.12	0.11	0.4	µg/g	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
1,1,2-Trichloroethane	0.05	0.05	0.05	0.05	0.05	µg/g	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Trichloroethylene	0.05	0.05	0.05	0.05	0.05	µg/g	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Trichlorofluoromethane	0.25	0.25	0.25	0.46	0.46	µg/g	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Vinyl Chloride	0.02	0.02	0.02	0.02	0.02	µg/g	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02
THMs (VOC)											
Bromodichloromethane	0.05	0.05	0.05	5.8	5.8	µg/g	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Bromoform	0.05	0.05	0.05	2.5	2.5	µg/g	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Dibromochloromethane	0.05	0.05	0.05	5.5	5.5	µg/g	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
BTEX											
Benzene	0.02	0.02	0.02	0.02	0.034	µg/g	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02
Ethylbenzene	0.05	0.05	0.05	1.9	1.9	µg/g	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Toluene	0.2	0.2	0.2	0.99	7.8	µg/g	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Xylene (total)	0.05	0.091	0.091	0.9	3	µg/g	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
m/p-xylene						µg/g	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
o-xylene						µg/g	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05

Notes
Bold – Exceeds Table 1 Standards
Underline – Exceeds Table 3.1 RPI Standards
Shaded – Exceeds Table 3.1 ICC Standards

Table 4.0
Soil Quality - Polycyclic Aromatic Hydrocarbons
Results of Soil Sampling
Uxbridge Community Hospital
Project No. 02310769.004

							1	2	3	4	5
Parameters	Table 1 RPI/ICC	Table 2.1 RPI	Table 2.1 ICC	Table 3.1 RPI	Table 3.1 ICC	SGS Lab Work Order	CA40160-JUN24 R	CA40160-JUN24 R	CA40160-JUN24 R	CA40160-JUN24 R	CA40160-JUN24 R
						Lab Sample Identification	CA40160-JUN24 R - 10	CA40160-JUN24 R - 11	CA40160-JUN24 R - 12	CA40160-JUN24 R - 13	CA40160-JUN24 R - 14
						Sampling Date	18-Jun-24	18-Jun-24	17-Jun-24	17-Jun-24	17-Jun-24
						Sample Identification	BH 24-1/SS1	BH 24-1/SS5	BH 24-2/SS2	BH 24-2/SS4	BH 24-2/SS5
						Unit					
PAH											
Acenaphthene	0.072	2.5	2.5	14	15	µg/g	< 0.05	< 0.05	< 0.05	< 0.05	---
Acenaphthylene	0.093	0.093	0.093	0.093	0.093	µg/g	< 0.05	< 0.05	< 0.05	< 0.05	---
Anthracene	0.16	0.16	0.16	0.16	0.16	µg/g	< 0.05	< 0.05	< 0.05	< 0.05	---
Benzo(a)anthracene	0.36	0.50	0.92	0.5	1	µg/g	< 0.05	< 0.05	< 0.05	< 0.05	---
Benzo(a)pyrene	0.3	0.31	0.31	0.57	0.7	µg/g	< 0.05	< 0.05	< 0.05	< 0.05	---
Benzo(b)fluoranthene	0.47	3.2	3.20	5.7	7	µg/g	< 0.05	< 0.05	< 0.05	< 0.05	---
Benzo(ghi)perylene	0.68	6.6	13	6.6	13	µg/g	< 0.1	< 0.1	< 0.1	< 0.1	---
Benzo(k)fluoranthene	0.48	3.1	3.1	5.7	7	µg/g	< 0.05	< 0.05	< 0.05	< 0.05	---
Chrysene	2.8	7	9.4	7	14	µg/g	< 0.05	< 0.05	< 0.05	< 0.05	---
Dibenzo(a,h)anthracene	0.1	0.57	0.7	0.57	0.7	µg/g	< 0.06	< 0.06	< 0.06	< 0.06	---
Fluoranthene	0.56	0.69	2.8	0.69	70	µg/g	< 0.05	< 0.05	< 0.05	< 0.05	---
Fluorene	0.12	6.8	6.80	6.8	6.8	µg/g	< 0.05	< 0.05	< 0.05	< 0.05	---
Indeno(1,2,3-cd)pyrene	0.23	0.38	0.76	0.38	0.76	µg/g	< 0.1	< 0.1	< 0.1	< 0.1	---
1-Methylnaphthalene	0.59	0.59	0.59	0.92	8.7	µg/g	< 0.05	< 0.05	< 0.05	< 0.05	---
2-Methylnaphthalene	0.59	0.59	0.59	0.92	8.7	µg/g	< 0.05	< 0.05	< 0.05	< 0.05	---
Methylnaphthalene, 2-(1-)	0.59	0.59	0.59	0.92	8.7	µg/g	< 0.05	< 0.05	< 0.05	< 0.05	---
Naphthalene	0.09	0.2	0.2	0.59	1.8	µg/g	< 0.05	< 0.05	< 0.05	< 0.05	---
Phenanthrene	0.69	6.2	12	6.2	12	µg/g	< 0.05	< 0.05	< 0.05	< 0.05	---
Pyrene	1	28	28	70	70	µg/g	< 0.05	< 0.05	< 0.05	< 0.05	---

Notes
Bold – Exceeds Table 1 Standards
Underline – Exceeds Table 3.1 RPI Standards
Shaded – Exceeds Table 3.1 ICC Standards

Table 4.0
Soil Quality - Polycyclic Aromatic Hydrocarbons
Results of Soil Sampling
Uxbridge Community Hospital
Project No. 02310769.004

							6	7	8	9	10
Parameters	Table 1 RPI/ICC	Table 2.1 RPI	Table 2.1 ICC	Table 3.1 RPI	Table 3.1 ICC	SGS Lab Work Order	CA40160-JUN24 R	CA40160-JUN24 R	CA40160-JUN24 R	CA40160-JUN24 R	CA40160-JUN24 R
						Lab Sample Identification	CA40160-JUN24 R - 15	CA40160-JUN24 R - 16	CA40160-JUN24 R - 17	CA40160-JUN24 R - 18	CA40160-JUN24 R - 19
						Sampling Date	17-Jun-24	17-Jun-24	17-Jun-24	17-Jun-24	18-Jun-24
						Sample Identification	BH 24-3/SS1	BH 24-3/SS4	BH 24-4/SS1	BH 24-4/SS5	BH 24-5/SS1
						Unit					
PAH											
Acenaphthene	0.072	2.5	2.5	14	15	µg/g	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Acenaphthylene	0.093	0.093	0.093	0.093	0.093	µg/g	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Anthracene	0.16	0.16	0.16	0.16	0.16	µg/g	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Benzo(a)anthracene	0.36	0.50	0.92	0.5	1	µg/g	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Benzo(a)pyrene	0.3	0.31	0.31	0.57	0.7	µg/g	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Benzo(b)fluoranthene	0.47	3.2	3.20	5.7	7	µg/g	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Benzo(ghi)perylene	0.68	6.6	13	6.6	13	µg/g	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Benzo(k)fluoranthene	0.48	3.1	3.1	5.7	7	µg/g	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Chrysene	2.8	7	9.4	7	14	µg/g	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Dibenzo(a,h)anthracene	0.1	0.57	0.7	0.57	0.7	µg/g	< 0.06	< 0.06	< 0.06	< 0.06	< 0.06
Fluoranthene	0.56	0.69	2.8	0.69	70	µg/g	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Fluorene	0.12	6.8	6.80	6.8	6.8	µg/g	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Indeno(1,2,3-cd)pyrene	0.23	0.38	0.76	0.38	0.76	µg/g	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
1-Methylnaphthalene	0.59	0.59	0.59	0.92	8.7	µg/g	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
2-Methylnaphthalene	0.59	0.59	0.59	0.92	8.7	µg/g	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Methylnaphthalene, 2-(1-)	0.59	0.59	0.59	0.92	8.7	µg/g	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Naphthalene	0.09	0.2	0.2	0.59	1.8	µg/g	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Phenanthrene	0.69	6.2	12	6.2	12	µg/g	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Pyrene	1	28	28	70	70	µg/g	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05

Notes
Bold – Exceeds Table 1 Standards
Underline – Exceeds Table 3.1 RPI Standards
Shaded – Exceeds Table 3.1 ICC Standards

Table 4.0
Soil Quality - Polycyclic Aromatic Hydrocarbons
Results of Soil Sampling
Uxbridge Community Hospital
Project No. 02310769.004

							11	12	13	14	15
Parameters	Table 1 RPI/ICC	Table 2.1 RPI	Table 2.1 ICC	Table 3.1 RPI	Table 3.1 ICC	SGS Lab Work Order	CA40160-JUN24 R	CA40160-JUN24 R	CA40160-JUN24 R	CA40160-JUN24 R	CA40160-JUN24 R
						Lab Sample Identification	CA40160-JUN24 R - 20	CA40160-JUN24 R - 21	CA40160-JUN24 R - 22	CA40160-JUN24 R - 23	CA40160-JUN24 R - 24
						Sampling Date	18-Jun-24	18-Jun-24	18-Jun-24	18-Jun-24	19-Jun-24
						Sample Identification	BH 24-5/SS5	BH 24-6/SS2	BH 24-7/SS3	BH 24-7/SS6	BH 24-8/SS2
						Unit					
PAH											
Acenaphthene	0.072	2.5	2.5	14	15	µg/g	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Acenaphthylene	0.093	0.093	0.093	0.093	0.093	µg/g	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Anthracene	0.16	0.16	0.16	0.16	0.16	µg/g	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Benzo(a)anthracene	0.36	0.50	0.92	0.5	1	µg/g	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Benzo(a)pyrene	0.3	0.31	0.31	0.57	0.7	µg/g	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Benzo(b)fluoranthene	0.47	3.2	3.20	5.7	7	µg/g	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Benzo(ghi)perylene	0.68	6.6	13	6.6	13	µg/g	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Benzo(k)fluoranthene	0.48	3.1	3.1	5.7	7	µg/g	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Chrysene	2.8	7	9.4	7	14	µg/g	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Dibenzo(a,h)anthracene	0.1	0.57	0.7	0.57	0.7	µg/g	< 0.06	< 0.06	< 0.06	< 0.06	< 0.06
Fluoranthene	0.56	0.69	2.8	0.69	70	µg/g	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Fluorene	0.12	6.8	6.80	6.8	6.8	µg/g	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Indeno(1,2,3-cd)pyrene	0.23	0.38	0.76	0.38	0.76	µg/g	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
1-Methylnaphthalene	0.59	0.59	0.59	0.92	8.7	µg/g	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
2-Methylnaphthalene	0.59	0.59	0.59	0.92	8.7	µg/g	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Methylnaphthalene, 2-(1-)	0.59	0.59	0.59	0.92	8.7	µg/g	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Naphthalene	0.09	0.2	0.2	0.59	1.8	µg/g	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Phenanthrene	0.69	6.2	12	6.2	12	µg/g	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Pyrene	1	28	28	70	70	µg/g	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05

Notes
Bold – Exceeds Table 1 Standards
Underline – Exceeds Table 3.1 RPI Standards
Shaded – Exceeds Table 3.1 ICC Standards

Table 4.0
Soil Quality - Polycyclic Aromatic Hydrocarbons
Results of Soil Sampling
Uxbridge Community Hospital
Project No. 02310769.004

							16	17	18	19	20
Parameters	Table 1 RPI/ICC	Table 2.1 RPI	Table 2.1 ICC	Table 3.1 RPI	Table 3.1 ICC	SGS Lab Work Order	CA40160-JUN24 R	CA40160-JUN24 R	CA40160-JUN24 R	CA40160-JUN24 R	CA40160-JUN24 R
						Lab Sample Identification	CA40160-JUN24 R - 25	CA40160-JUN24 R - 26	CA40160-JUN24 R - 27	CA40160-JUN24 R - 28	CA40160-JUN24 R - 29
						Sampling Date	19-Jun-24	19-Jun-24	19-Jun-24	20-Jun-24	20-Jun-24
						Sample Identification	BH 24-8/SS5	BH 24-9/SS2	BH 24-10/SS3	BH 24-11/SS2	BH 24-12/SS1
						Unit					
PAH											
Acenaphthene	0.072	2.5	2.5	14	15	µg/g	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Acenaphthylene	0.093	0.093	0.093	0.093	0.093	µg/g	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Anthracene	0.16	0.16	0.16	0.16	0.16	µg/g	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Benzo(a)anthracene	0.36	0.50	0.92	0.5	1	µg/g	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Benzo(a)pyrene	0.3	0.31	0.31	0.57	0.7	µg/g	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Benzo(b)fluoranthene	0.47	3.2	3.20	5.7	7	µg/g	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Benzo(ghi)perylene	0.68	6.6	13	6.6	13	µg/g	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Benzo(k)fluoranthene	0.48	3.1	3.1	5.7	7	µg/g	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Chrysene	2.8	7	9.4	7	14	µg/g	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Dibenzo(a,h)anthracene	0.1	0.57	0.7	0.57	0.7	µg/g	< 0.06	< 0.06	< 0.06	< 0.06	< 0.06
Fluoranthene	0.56	0.69	2.8	0.69	70	µg/g	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Fluorene	0.12	6.8	6.80	6.8	6.8	µg/g	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Indeno(1,2,3-cd)pyrene	0.23	0.38	0.76	0.38	0.76	µg/g	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
1-Methylnaphthalene	0.59	0.59	0.59	0.92	8.7	µg/g	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
2-Methylnaphthalene	0.59	0.59	0.59	0.92	8.7	µg/g	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Methylnaphthalene, 2-(1-)	0.59	0.59	0.59	0.92	8.7	µg/g	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Naphthalene	0.09	0.2	0.2	0.59	1.8	µg/g	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Phenanthrene	0.69	6.2	12	6.2	12	µg/g	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Pyrene	1	28	28	70	70	µg/g	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05

Notes
Bold – Exceeds Table 1 Standards
Underline – Exceeds Table 3.1 RPI Standards
Shaded – Exceeds Table 3.1 ICC Standards

Table 4.0
Soil Quality - Polycyclic Aromatic Hydrocarbons
Results of Soil Sampling
Uxbridge Community Hospital
Project No. 02310769.004

							21	22	23	24	25
Parameters	Table 1 RPI/ICC	Table 2.1 RPI	Table 2.1 ICC	Table 3.1 RPI	Table 3.1 ICC	SGS Lab Work Order	CA40160-JUN24 R	CA40160-JUN24 R	CA40160-JUN24 R	CA40160-JUN24 R	CA40160-JUN24 R
						Lab Sample Identification	CA40160-JUN24 R - 30	CA40160-JUN24 R - 31	CA40160-JUN24 R - 32	CA40160-JUN24 R - 33	CA40160-JUN24 R - 34
						Sampling Date	20-Jun-24	20-Jun-24	20-Jun-24	20-Jun-24	20-Jun-24
						Sample Identification	BH 24-12/SS4	BH 24-13/SS3	BH 24-14/SS1	BH 24-14/SS4	BH 24-15/SS3
						Unit					
PAH											
Acenaphthene	0.072	2.5	2.5	14	15	µg/g	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Acenaphthylene	0.093	0.093	0.093	0.093	0.093	µg/g	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Anthracene	0.16	0.16	0.16	0.16	0.16	µg/g	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Benzo(a)anthracene	0.36	0.50	0.92	0.5	1	µg/g	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Benzo(a)pyrene	0.3	0.31	0.31	0.57	0.7	µg/g	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Benzo(b)fluoranthene	0.47	3.2	3.20	5.7	7	µg/g	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Benzo(ghi)perylene	0.68	6.6	13	6.6	13	µg/g	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Benzo(k)fluoranthene	0.48	3.1	3.1	5.7	7	µg/g	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Chrysene	2.8	7	9.4	7	14	µg/g	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Dibenzo(a,h)anthracene	0.1	0.57	0.7	0.57	0.7	µg/g	< 0.06	< 0.06	< 0.06	< 0.06	< 0.06
Fluoranthene	0.56	0.69	2.8	0.69	70	µg/g	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Fluorene	0.12	6.8	6.80	6.8	6.8	µg/g	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Indeno(1,2,3-cd)pyrene	0.23	0.38	0.76	0.38	0.76	µg/g	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
1-Methylnaphthalene	0.59	0.59	0.59	0.92	8.7	µg/g	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
2-Methylnaphthalene	0.59	0.59	0.59	0.92	8.7	µg/g	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Methylnaphthalene, 2-(1-)	0.59	0.59	0.59	0.92	8.7	µg/g	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Naphthalene	0.09	0.2	0.2	0.59	1.8	µg/g	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Phenanthrene	0.69	6.2	12	6.2	12	µg/g	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Pyrene	1	28	28	70	70	µg/g	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05

Notes
Bold – Exceeds Table 1 Standards
Underline – Exceeds Table 3.1 RPI Standards
Shaded – Exceeds Table 3.1 ICC Standards

Table 4.0
Soil Quality - Polycyclic Aromatic Hydrocarbons
Results of Soil Sampling
Uxbridge Community Hospital
Project No. 02310769.004

							26	27	28	29	30
Parameters	Table 1 RPI/ICC	Table 2.1 RPI	Table 2.1 ICC	Table 3.1 RPI	Table 3.1 ICC	SGS Lab Work Order	CA40160-JUN24 R	CA40160-JUN24 R	CA40160-JUN24 R	CA40160-JUN24 R	CA40160-JUN24 R
						Lab Sample Identification	CA40160-JUN24 R - 35	CA40160-JUN24 R - 36	CA40160-JUN24 R - 37	CA40160-JUN24 R - 38	CA40160-JUN24 R - 39
						Sampling Date	19-Jun-24	19-Jun-24	19-Jun-24	17-Jun-24	17-Jun-24
						Sample Identification	BH 24-16/SS1	BH 24-16/SS3	BH 24-16/SS4	BH 24-17/SS1	BH 24-17/SS2
						Unit					
PAH											
Acenaphthene	0.072	2.5	2.5	14	15	µg/g	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Acenaphthylene	0.093	0.093	0.093	0.093	0.093	µg/g	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Anthracene	0.16	0.16	0.16	0.16	0.16	µg/g	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Benzo(a)anthracene	0.36	0.50	0.92	0.5	1	µg/g	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Benzo(a)pyrene	0.3	0.31	0.31	0.57	0.7	µg/g	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Benzo(b)fluoranthene	0.47	3.2	3.20	5.7	7	µg/g	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Benzo(ghi)perylene	0.68	6.6	13	6.6	13	µg/g	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Benzo(k)fluoranthene	0.48	3.1	3.1	5.7	7	µg/g	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Chrysene	2.8	7	9.4	7	14	µg/g	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Dibenzo(a,h)anthracene	0.1	0.57	0.7	0.57	0.7	µg/g	< 0.06	< 0.06	< 0.06	< 0.06	< 0.06
Fluoranthene	0.56	0.69	2.8	0.69	70	µg/g	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Fluorene	0.12	6.8	6.80	6.8	6.8	µg/g	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Indeno(1,2,3-cd)pyrene	0.23	0.38	0.76	0.38	0.76	µg/g	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
1-Methylnaphthalene	0.59	0.59	0.59	0.92	8.7	µg/g	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
2-Methylnaphthalene	0.59	0.59	0.59	0.92	8.7	µg/g	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Methylnaphthalene, 2-(1-)	0.59	0.59	0.59	0.92	8.7	µg/g	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Naphthalene	0.09	0.2	0.2	0.59	1.8	µg/g	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Phenanthrene	0.69	6.2	12	6.2	12	µg/g	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Pyrene	1	28	28	70	70	µg/g	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05

Notes
Bold – Exceeds Table 1 Standards
Underline – Exceeds Table 3.1 RPI Standards
Shaded – Exceeds Table 3.1 ICC Standards

Table 4.0
Soil Quality - Polycyclic Aromatic Hydrocarbons
Results of Soil Sampling
Uxbridge Community Hospital
Project No. 02310769.004

							31	32	33	34	35
Parameters	Table 1 RPI/ICC	Table 2.1 RPI	Table 2.1 ICC	Table 3.1 RPI	Table 3.1 ICC	SGS Lab Work Order	CA40160-JUN24 R	CA40160-JUN24 R	CA40160-JUN24 R	CA40160-JUN24 R	CA40160-JUN24 R
						Lab Sample Identification	CA40160-JUN24 R - 40	CA40160-JUN24 R - 41	CA40160-JUN24 R - 42	CA40160-JUN24 R - 43	CA40160-JUN24 R - 44
						Sampling Date	17-Jun-24	17-Jun-24	18-Jun-24	19-Jun-24	19-Jun-24
						Sample Identification	BH 24-17/SS4	DUP#1 - BH 24-3/SS1	DUP#2 - BH 24-5/SS1	DUP#3 - BH 24-16/SS1	DUP#4 - BH 24-10/SS3
						Unit					
PAH											
Acenaphthene	0.072	2.5	2.5	14	15	µg/g	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Acenaphthylene	0.093	0.093	0.093	0.093	0.093	µg/g	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Anthracene	0.16	0.16	0.16	0.16	0.16	µg/g	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Benzo(a)anthracene	0.36	0.50	0.92	0.5	1	µg/g	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Benzo(a)pyrene	0.3	0.31	0.31	0.57	0.7	µg/g	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Benzo(b)fluoranthene	0.47	3.2	3.20	5.7	7	µg/g	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Benzo(ghi)perylene	0.68	6.6	13	6.6	13	µg/g	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Benzo(k)fluoranthene	0.48	3.1	3.1	5.7	7	µg/g	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Chrysene	2.8	7	9.4	7	14	µg/g	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Dibenzo(a,h)anthracene	0.1	0.57	0.7	0.57	0.7	µg/g	< 0.06	< 0.06	< 0.06	< 0.06	< 0.06
Fluoranthene	0.56	0.69	2.8	0.69	70	µg/g	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Fluorene	0.12	6.8	6.80	6.8	6.8	µg/g	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Indeno(1,2,3-cd)pyrene	0.23	0.38	0.76	0.38	0.76	µg/g	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
1-Methylnaphthalene	0.59	0.59	0.59	0.92	8.7	µg/g	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
2-Methylnaphthalene	0.59	0.59	0.59	0.92	8.7	µg/g	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Methylnaphthalene, 2-(1-)	0.59	0.59	0.59	0.92	8.7	µg/g	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Naphthalene	0.09	0.2	0.2	0.59	1.8	µg/g	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Phenanthrene	0.69	6.2	12	6.2	12	µg/g	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Pyrene	1	28	28	70	70	µg/g	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05

Notes
Bold – Exceeds Table 1 Standards
Underline – Exceeds Table 3.1 RPI Standards
Shaded – Exceeds Table 3.1 ICC Standards

Table 5.0
Soil Quality - Polychlorinated Biphenyls
Results of Soil Sampling
Uxbridge Community Hospital
Project No. 02310769.004

Parameters	Table 1 RPI/ICC	Table 2.1 RPI	Table 2.1 ICC	Table 3.1 RPI	Table 3.1 ICC		1	2	3	4	5
						SGS Lab Work Order	CA40160-JUN24 R	CA40160-JUN24 R	CA40160-JUN24 R	CA40160-JUN24 R	CA40160-JUN24 R
						Lab Sample Identification	CA40160-JUN24 R - 10	CA40160-JUN24 R - 11	CA40160-JUN24 R - 12	CA40160-JUN24 R - 13	CA40160-JUN24 R - 14
						Sampling Date	18-Jun-24	18-Jun-24	17-Jun-24	17-Jun-24	17-Jun-24
						Sample Identification	BH 24-1/SS1	BH 24-1/SS5	BH 24-2/SS2	BH 24-2/SS4	BH 24-2/SS5
						Unit					
Polychlorinated Biphenyls											
polychlorinated biphenyls [PCBs], total	0.3	0.35	0.8	0.35	0.78	µg/g	< 0.3	< 0.3	< 0.3	< 0.3	---

Notes
Bold – Exceeds Table 1 Standards
Underline – Exceeds Table 3.1 RPI Standards
Shaded – Exceeds Table 3.1 ICC Standards

Table 5.0
Soil Quality - Polychlorinated Biphenyls
Results of Soil Sampling
Uxbridge Community Hospital
Project No. 02310769.004

Parameters	Table 1 RPI/ICC	Table 2.1 RPI	Table 2.1 ICC	Table 3.1 RPI	Table 3.1 ICC		6	7	8	9	10
						SGS Lab Work Order	CA40160-JUN24 R	CA40160-JUN24 R	CA40160-JUN24 R	CA40160-JUN24 R	CA40160-JUN24 R
						Lab Sample Identification	CA40160-JUN24 R - 15	CA40160-JUN24 R - 16	CA40160-JUN24 R - 17	CA40160-JUN24 R - 18	CA40160-JUN24 R - 19
						Sampling Date	17-Jun-24	17-Jun-24	17-Jun-24	17-Jun-24	18-Jun-24
						Sample Identification	BH 24-3/SS1	BH 24-3/SS4	BH 24-4/SS1	BH 24-4/SS5	BH 24-5/SS1
						Unit					
Polychlorinated Biphenyls											
polychlorinated biphenyls [PCBs], total	0.3	0.35	0.8	0.35	0.78	µg/g	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3

Notes
Bold – Exceeds Table 1 Standards
Underline – Exceeds Table 3.1 RPI Standards
Shaded – Exceeds Table 3.1 ICC Standards

Table 5.0
Soil Quality - Polychlorinated Biphenyls
Results of Soil Sampling
Uxbridge Community Hospital
Project No. 02310769.004

Parameters	Table 1 RPI/ICC	Table 2.1 RPI	Table 2.1 ICC	Table 3.1 RPI	Table 3.1 ICC		11	12	13	14	15
						SGS Lab Work Order	CA40160-JUN24 R	CA40160-JUN24 R	CA40160-JUN24 R	CA40160-JUN24 R	CA40160-JUN24 R
						Lab Sample Identification	CA40160-JUN24 R - 20	CA40160-JUN24 R - 21	CA40160-JUN24 R - 22	CA40160-JUN24 R - 23	CA40160-JUN24 R - 24
						Sampling Date	18-Jun-24	18-Jun-24	18-Jun-24	18-Jun-24	19-Jun-24
						Sample Identification	BH 24-5/SS5	BH 24-6/SS2	BH 24-7/SS3	BH 24-7/SS6	BH 24-8/SS2
						Unit					
Polychlorinated Biphenyls											
polychlorinated biphenyls [PCBs], total	0.3	0.35	0.8	0.35	0.78	µg/g	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3

Notes
Bold – Exceeds Table 1 Standards
Underline – Exceeds Table 3.1 RPI Standards
Shaded – Exceeds Table 3.1 ICC Standards

Table 5.0
Soil Quality - Polychlorinated Biphenyls
Results of Soil Sampling
Uxbridge Community Hospital
Project No. 02310769.004

Parameters	Table 1 RPI/ICC	Table 2.1 RPI	Table 2.1 ICC	Table 3.1 RPI	Table 3.1 ICC		16	17	18	19	20
						SGS Lab Work Order	CA40160-JUN24 R	CA40160-JUN24 R	CA40160-JUN24 R	CA40160-JUN24 R	CA40160-JUN24 R
						Lab Sample Identification	CA40160-JUN24 R - 25	CA40160-JUN24 R - 26	CA40160-JUN24 R - 27	CA40160-JUN24 R - 28	CA40160-JUN24 R - 29
						Sampling Date	19-Jun-24	19-Jun-24	19-Jun-24	20-Jun-24	20-Jun-24
						Sample Identification	BH 24-8/SS5	BH 24-9/SS2	BH 24-10/SS3	BH 24-11/SS2	BH 24-12/SS1
						Unit					
Polychlorinated Biphenyls											
polychlorinated biphenyls [PCBs], total	0.3	0.35	0.8	0.35	0.78	µg/g	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3

Notes
Bold – Exceeds Table 1 Standards
Underline – Exceeds Table 3.1 RPI Standards
Shaded – Exceeds Table 3.1 ICC Standards

Table 5.0
Soil Quality - Polychlorinated Biphenyls
Results of Soil Sampling
Uxbridge Community Hospital
Project No. 02310769.004

Parameters	Table 1 RPI/ICC	Table 2.1 RPI	Table 2.1 ICC	Table 3.1 RPI	Table 3.1 ICC		21	22	23	24	25
						SGS Lab Work Order	CA40160-JUN24 R	CA40160-JUN24 R	CA40160-JUN24 R	CA40160-JUN24 R	CA40160-JUN24 R
						Lab Sample Identification	CA40160-JUN24 R - 30	CA40160-JUN24 R - 31	CA40160-JUN24 R - 32	CA40160-JUN24 R - 33	CA40160-JUN24 R - 34
						Sampling Date	20-Jun-24	20-Jun-24	20-Jun-24	20-Jun-24	20-Jun-24
						Sample Identification	BH 24-12/SS4	BH 24-13/SS3	BH 24-14/SS1	BH 24-14/SS4	BH 24-15/SS3
						Unit					
Polychlorinated Biphenyls											
polychlorinated biphenyls [PCBs], total	0.3	0.35	0.8	0.35	0.78	µg/g	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3

Notes
Bold – Exceeds Table 1 Standards
Underline – Exceeds Table 3.1 RPI Standards
Shaded – Exceeds Table 3.1 ICC Standards

Table 5.0
Soil Quality - Polychlorinated Biphenyls
Results of Soil Sampling
Uxbridge Community Hospital
Project No. 02310769.004

Parameters	Table 1 RPI/ICC	Table 2.1 RPI	Table 2.1 ICC	Table 3.1 RPI	Table 3.1 ICC		26	27	28	29	30
						SGS Lab Work Order	CA40160-JUN24 R	CA40160-JUN24 R	CA40160-JUN24 R	CA40160-JUN24 R	CA40160-JUN24 R
						Lab Sample Identification	CA40160-JUN24 R - 35	CA40160-JUN24 R - 36	CA40160-JUN24 R - 37	CA40160-JUN24 R - 38	CA40160-JUN24 R - 39
						Sampling Date	19-Jun-24	19-Jun-24	19-Jun-24	17-Jun-24	17-Jun-24
						Sample Identification	BH 24-16/SS1	BH 24-16/SS3	BH 24-16/SS4	BH 24-17/SS1	BH 24-17/SS2
						Unit					
Polychlorinated Biphenyls											
polychlorinated biphenyls [PCBs], total	0.3	0.35	0.8	0.35	0.78	µg/g	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3

Notes
Bold – Exceeds Table 1 Standards
Underline – Exceeds Table 3.1 RPI Standards
Shaded – Exceeds Table 3.1 ICC Standards

Table 5.0
Soil Quality - Polychlorinated Biphenyls
Results of Soil Sampling
Uxbridge Community Hospital
Project No. 02310769.004

Parameters	Table 1 RPI/ICC	Table 2.1 RPI	Table 2.1 ICC	Table 3.1 RPI	Table 3.1 ICC		31	32	33	34	35
						SGS Lab Work Order	CA40160-JUN24 R	CA40160-JUN24 R	CA40160-JUN24 R	CA40160-JUN24 R	CA40160-JUN24 R
						Lab Sample Identification	CA40160-JUN24 R - 40	CA40160-JUN24 R - 41	CA40160-JUN24 R - 42	CA40160-JUN24 R - 43	CA40160-JUN24 R - 44
						Sampling Date	17-Jun-24	17-Jun-24	18-Jun-24	19-Jun-24	19-Jun-24
						Sample Identification	BH 24-17/SS4	DUP#1 - BH 24-3/SS1	DUP#2 - BH 24-5/SS1	DUP#3 - BH 24-16/SS1	DUP#4 - BH 24-10/SS3
						Unit					
Polychlorinated Biphenyls											
polychlorinated biphenyls [PCBs], total	0.3	0.35	0.8	0.35	0.78	µg/g	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3

Notes
Bold – Exceeds Table 1 Standards
Underline – Exceeds Table 3.1 RPI Standards
Shaded – Exceeds Table 3.1 ICC Standards

Appendix C Soil Chemical Analysis Results

ENGLOBE

FINAL REPORT

CA40160-JUN24 R1

02310769.004, Uxbridge

Prepared for

Englobe Corp

FINAL REPORT

First Page

CLIENT DETAILS

Client	Englobe Corp
Address	20 Carlson Court, Suite 300, Etobicoke, ONTARIO M9W 7K6. Canada
Contact	Prakash Patel
Telephone	(905) 796-2650
Facsimile	(905) 796-2250
Email	Prakash.patel@Englobecorp.com
Project	02310769.004, Uxbridge
Order Number	
Samples	Soil (35)

LABORATORY DETAILS

Project Specialist	Brad Moore Hon. B.Sc
Laboratory	SGS Canada Inc.
Address	185 Concession St., Lakefield ON, K0L 2H0
Telephone	705-652-2143
Facsimile	705-652-6365
Email	brad.moore@sgs.com
SGS Reference	CA40160-JUN24
Received	06/21/2024
Approved	06/28/2024
Report Number	CA40160-JUN24 R1
Date Reported	07/12/2024

COMMENTS

CCME Method Compliance: Analyses were conducted using analytical procedures that comply with the Reference Method for the CWS for Petroleum Hydrocarbons in Soil and have been validated for use at the SGS laboratory, Lakefield, ON site.

Quality Compliance: Instrument performance / calibration quality criteria were met and extraction and analysis limits for holding times were met.

nC6 and nC10 response factors within 30% of response factor for toluene: YES

nC10, nC16 and nC34 response factors within 10% of the average response for the three compounds: YES

C50 response factors within 70% of nC10 + nC16 + nC34 average: YES

Linearity is within 15%: YES

F4G - gravimetric heavy hydrocarbons cannot be added to the C6 to C50 hydrocarbons.
The results for F4 and F4G are both reported and the greater of the two values is to be used in application to the CWS PHC.

Hydrocarbon results are expressed on a dry weight basis.

Benzo(b)fluoranthene results for comparison to the standard are reported as benzo(b+j)fluoranthene. Benzo(b)fluoranthene and benzo(j)fluoranthene co-elute and cannot be reported individually by the analytical method used.

Temperature of Sample upon Receipt: 9 degrees C
Cooling Agent Present:Yes
Custody Seal Present:No

Chain of Custody Number:039052/039053/039054

QCBatchID: GCM0349-JUN24: 1,1,2,2-Tetrachloroethane and Trichloroethylene Matrix Spike; Recoveries are outside control limits due to sample matrix; the overall quality control for this analysis has been assessed and was determined to be acceptable.

SIGNATORIES

Brad Moore Hon. B.Sc

QCBatchID: GCM0392-JUN24 Trichloroethylene & 1,1,2,2-Tetrachloroethane Matrix Spike; Recovery is outside control limits; the overall quality control for this analysis has been assessed and was determined to be acceptable.

QCBatchID: GCM0383-JUN24: F1 RLs raised for sample DUP#1 & DUP#2 due to low dry sample weight, which was caused by a high sample moisture.

QCBatchID: GCM0404-JUN24: 1,1,2,2-Tetrachloroethane Matrix Spike; Recoveries are outside control limits due to sample matrix; the overall quality control for this analysis has been assessed and was determined to be acceptable.

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Client: Englobe Corp
Project: 02310769.004, Uxbridge
Project Manager: Prakash Patel
Samplers: Bob Racher

MATRIX: SOIL

L1 = REG153 / SOIL / COARSE - TABLE 2 - Residential/Parkland - UNDEFINED

	Sample Number	10	11	12	13	14	15	16	17
	Sample Name	BH 24-1/SS1	BH 24-1/SS5	BH 24-2/SS2	BH 24-2/SS4	BH 24-2/SS5	BH 24-3/SS1	BH 24-3/SS4	BH 24-4/SS1
	Sample Matrix	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
	Sample Date	18/06/2024	18/06/2024	17/06/2024	17/06/2024	17/06/2024	17/06/2024	17/06/2024	17/06/2024
Parameter	**Units**	**RL**	**L1**	**Result**	**Result**	**Result**	**Result**	**Result**	**Result**	**Result**	**Result**
BTEX										
Benzene	µg/g	0.02	0.21	< 0.02	< 0.02	< 0.02	---	< 0.02	< 0.02	< 0.02	< 0.02
Ethylbenzene	µg/g	0.05	1.1	< 0.05	< 0.05	< 0.05	---	< 0.05	< 0.05	< 0.05	< 0.05
Toluene	µg/g	0.05	2.3	< 0.05	< 0.05	< 0.05	---	< 0.05	< 0.05	< 0.05	< 0.05
Xylene (total)	µg/g	0.05	3.1	< 0.05	< 0.05	< 0.05	---	< 0.05	< 0.05	< 0.05	< 0.05
m/p-xylene	µg/g	0.05		< 0.05	< 0.05	< 0.05	---	< 0.05	< 0.05	< 0.05	< 0.05
o-xylene	µg/g	0.05		< 0.05	< 0.05	< 0.05	---	< 0.05	< 0.05	< 0.05	< 0.05
Hydrides										
Antimony	µg/g	0.8	7.5	< 0.8	< 0.8	< 0.8	< 0.8	---	< 0.8	< 0.8	< 0.8
Arsenic	µg/g	0.5	18	4.8	4.7	2.6	2.9	---	3.7	3.5	3.6
Selenium	µg/g	0.1	2.4	0.1	0.1	0.2	0.1	---	0.2	0.1	0.2
Metals and Inorganics										
Moisture Content	%	no		11.1	11.3	19.8	17.7	13.7	11.1	15.2	11.5
Barium	µg/g	0.1	390	16	30	23	13	---	28	21	21
Beryllium	µg/g	0.02	4	0.20	0.21	0.27	0.13	---	0.26	0.17	0.24
Boron	µg/g	1	120	7	4	2	3	---	4	3	4
Cadmium	µg/g	0.05	1.2	< 0.05	0.06	0.07	< 0.05	---	0.12	< 0.05	0.09
Chromium	µg/g	0.5	160	6.8	7.8	8.3	4.8	---	8.2	5.8	7.2
Cobalt	µg/g	0.01	22	2.3	3.1	2.8	1.7	---	2.7	2.3	2.6
Copper	µg/g	0.1	140	11	13	8.0	7.4	---	9.4	9.4	10
Lead	µg/g	0.1	120	5.2	4.0	4.1	1.9	---	24	2.8	4.5
Molybdenum	µg/g	0.1	6.9	0.2	0.4	0.2	0.1	---	0.3	0.1	0.3

Client: Englobe Corp
Project: 02310769.004, Uxbridge
Project Manager: Prakash Patel
Samplers: Bob Racher

MATRIX: SOIL

L1 = REG153 / SOIL / COARSE - TABLE 2 - Residential/Parkland - UNDEFINED

	Sample Number	10	11	12	13	14	15	16	17
	Sample Name	BH 24-1/SS1	BH 24-1/SS5	BH 24-2/SS2	BH 24-2/SS4	BH 24-2/SS5	BH 24-3/SS1	BH 24-3/SS4	BH 24-4/SS1
	Sample Matrix	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
	Sample Date	18/06/2024	18/06/2024	17/06/2024	17/06/2024	17/06/2024	17/06/2024	17/06/2024	17/06/2024
Parameter	**Units**	**RL**	**L1**	**Result**	**Result**	**Result**	**Result**	**Result**	**Result**	**Result**	**Result**
Metals and Inorganics (continued)										
Nickel	µg/g	0.5	100	5.5	6.9	5.8	2.7	---	5.6	4.5	5.3
Silver	µg/g	0.05	20	< 0.05	< 0.05	< 0.05	< 0.05	---	< 0.05	< 0.05	< 0.05
Thallium	µg/g	0.02	1	0.06	0.07	0.05	0.03	---	0.05	0.04	0.06
Uranium	µg/g	0.002	23	0.42	0.62	0.45	0.38	---	0.48	0.40	0.43
Vanadium	µg/g	3	86	10	14	19	11	---	16	12	16
Zinc	µg/g	0.7	340	14	19	17	11	---	30	14	20
Water Soluble Boron	µg/g	0.5	1.5	< 0.5	< 0.5	< 0.5	< 0.5	---	< 0.5	< 0.5	< 0.5
Other (ORP)										
Mercury	ug/g	0.05	0.27	< 0.05	< 0.05	< 0.05	< 0.05	---	< 0.05	< 0.05	0.06
Sodium Adsorption Ratio	No unit	0.2	5	50.3	5.2	110	20.3	---	13.4	14.0	93.0
SAR Calcium	mg/L	0.2		7.7	20.6	22.4	76.7	---	7.0	48.7	19.2
SAR Magnesium	mg/L	0.3		0.6	2.5	< 0.3	3.3	---	< 0.3	4.9	0.8
SAR Sodium	mg/L	0.1		540	93.5	1900	670	---	130	380	1500
Conductivity	mS/cm	0.002	0.7	2.4	0.55	8.0	3.2	---	0.56	2.0	6.4
pH	pH Units	0.05		8.13	8.08	8.00	7.95	---	8.19	8.12	8.13
Chromium VI	µg/g	0.2	8	< 0.2	< 0.2	0.2	< 0.2	---	0.2	< 0.2	< 0.2
Free Cyanide	µg/g	0.05	0.051	< 0.05	< 0.05	< 0.05	< 0.05	---	< 0.05	< 0.05	< 0.05

Client: Englobe Corp
Project: 02310769.004, Uxbridge
Project Manager: Prakash Patel
Samplers: Bob Racher

MATRIX: SOIL

L1 = REG153 / SOIL / COARSE - TABLE 2 - Residential/Parkland - UNDEFINED

Sample Number				10	11	12	13	14	15	16	17
Sample Name				BH 24-1/SS1	BH 24-1/SS5	BH 24-2/SS2	BH 24-2/SS4	BH 24-2/SS5	BH 24-3/SS1	BH 24-3/SS4	BH 24-4/SS1
Sample Matrix				Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
Sample Date				18/06/2024	18/06/2024	17/06/2024	17/06/2024	17/06/2024	17/06/2024	17/06/2024	17/06/2024
Parameter	**Units**	**RL**	**L1**	**Result**	**Result**	**Result**	**Result**	**Result**	**Result**	**Result**	**Result**
PAHs											
Acenaphthene	µg/g	0.05	7.9	< 0.05	< 0.05	< 0.05	< 0.05	---	< 0.05	< 0.05	< 0.05
Acenaphthylene	µg/g	0.05	0.15	< 0.05	< 0.05	< 0.05	< 0.05	---	< 0.05	< 0.05	< 0.05
Anthracene	µg/g	0.05	0.67	< 0.05	< 0.05	< 0.05	< 0.05	---	< 0.05	< 0.05	< 0.05
Benzo(a)anthracene	µg/g	0.05	0.5	< 0.05	< 0.05	< 0.05	< 0.05	---	< 0.05	< 0.05	< 0.05
Benzo(a)pyrene	µg/g	0.05	0.3	< 0.05	< 0.05	< 0.05	< 0.05	---	< 0.05	< 0.05	< 0.05
Benzo(b+j)fluoranthene	µg/g	0.05	0.78	< 0.05	< 0.05	< 0.05	< 0.05	---	< 0.05	< 0.05	< 0.05
Benzo(ghi)perylene	µg/g	0.1	6.6	< 0.1	< 0.1	< 0.1	< 0.1	---	< 0.1	< 0.1	< 0.1
Benzo(k)fluoranthene	µg/g	0.05	0.78	< 0.05	< 0.05	< 0.05	< 0.05	---	< 0.05	< 0.05	< 0.05
Chrysene	µg/g	0.05	7	< 0.05	< 0.05	< 0.05	< 0.05	---	< 0.05	< 0.05	< 0.05
Dibenzo(a,h)anthracene	µg/g	0.06	0.1	< 0.06	< 0.06	< 0.06	< 0.06	---	< 0.06	< 0.06	< 0.06
Fluoranthene	µg/g	0.05	0.69	< 0.05	< 0.05	< 0.05	< 0.05	---	< 0.05	< 0.05	< 0.05
Fluorene	µg/g	0.05	62	< 0.05	< 0.05	< 0.05	< 0.05	---	< 0.05	< 0.05	< 0.05
Indeno(1,2,3-cd)pyrene	µg/g	0.1	0.38	< 0.1	< 0.1	< 0.1	< 0.1	---	< 0.1	< 0.1	< 0.1
1-Methylnaphthalene	µg/g	0.05		< 0.05	< 0.05	< 0.05	< 0.05	---	< 0.05	< 0.05	< 0.05
2-Methylnaphthalene	µg/g	0.05		< 0.05	< 0.05	< 0.05	< 0.05	---	< 0.05	< 0.05	< 0.05
Methylnaphthalene, 2-(1-)	µg/g	0.05	0.99	< 0.05	< 0.05	< 0.05	< 0.05	---	< 0.05	< 0.05	< 0.05
Naphthalene	µg/g	0.05	0.6	< 0.05	< 0.05	< 0.05	< 0.05	---	< 0.05	< 0.05	< 0.05
Phenanthrene	µg/g	0.05	6.2	< 0.05	< 0.05	< 0.05	< 0.05	---	< 0.05	< 0.05	< 0.05
Pyrene	µg/g	0.05	78	< 0.05	< 0.05	< 0.05	< 0.05	---	< 0.05	< 0.05	< 0.05

Client: Englobe Corp
Project: 02310769.004, Uxbridge
Project Manager: Prakash Patel
Samplers: Bob Racher

MATRIX: SOIL

L1 = REG153 / SOIL / COARSE - TABLE 2 - Residential/Parkland - UNDEFINED

Sample Number				10	11	12	13	14	15	16	17
Sample Name				BH 24-1/SS1	BH 24-1/SS5	BH 24-2/SS2	BH 24-2/SS4	BH 24-2/SS5	BH 24-3/SS1	BH 24-3/SS4	BH 24-4/SS1
Sample Matrix				Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
Sample Date				18/06/2024	18/06/2024	17/06/2024	17/06/2024	17/06/2024	17/06/2024	17/06/2024	17/06/2024
Parameter	**Units**	**RL**	**L1**	**Result**	**Result**	**Result**	**Result**	**Result**	**Result**	**Result**	**Result**
PCBs											
Polychlorinated Biphenyls (PCBs) - Total	µg/g	0.3	0.35	< 0.3	< 0.3	< 0.3	< 0.3	---	< 0.3	< 0.3	< 0.3
PHCs											
F1 (C6-C10)	µg/g	10	55	< 10	< 10	< 10	---	< 10	< 10	< 10	< 10
F1-BTEX (C6-C10)	µg/g	10	55	< 10	< 10	< 10	---	< 10	< 10	< 10	< 10
F2 (C10-C16)	µg/g	10	98	< 10	< 10	< 10	---	< 10	< 10	< 10	< 10
F3 (C16-C34)	µg/g	50	300	132	< 50	< 50	---	< 50	< 50	< 50	225
F4 (C34-C50)	µg/g	50	2800	278	< 50	< 50	---	< 50	< 50	< 50	456
CCME F4G-sg (GHH)	µg/g	200	2800	2400	---	---	---	---	---	---	1630
Chromatogram returned to baseline at nC50	Yes / No	no		NO	YES	YES	---	YES	YES	YES	NO
THMs (VOC)											
Bromodichloromethane	µg/g	0.05	1.5	< 0.05	< 0.05	< 0.05	---	< 0.05	< 0.05	< 0.05	< 0.05
Bromoform	µg/g	0.05	0.27	< 0.05	< 0.05	< 0.05	---	< 0.05	< 0.05	< 0.05	< 0.05
Dibromochloromethane	µg/g	0.05	2.3	< 0.05	< 0.05	< 0.05	---	< 0.05	< 0.05	< 0.05	< 0.05

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Samplers: Bob Racher

MATRIX: SOIL

L1 = REG153 / SOIL / COARSE - TABLE 2 - Residential/Parkland - UNDEFINED

	Sample Number	10	11	12	13	14	15	16	17
	Sample Name	BH 24-1/SS1	BH 24-1/SS5	BH 24-2/SS2	BH 24-2/SS4	BH 24-2/SS5	BH 24-3/SS1	BH 24-3/SS4	BH 24-4/SS1
	Sample Matrix	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
	Sample Date	18/06/2024	18/06/2024	17/06/2024	17/06/2024	17/06/2024	17/06/2024	17/06/2024	17/06/2024
Parameter	**Units**	**RL**	**L1**	**Result**	**Result**	**Result**	**Result**	**Result**	**Result**	**Result**	**Result**
VOC Surrogates											
Surr 1,2-Dichloroethane-d4	Surr Rec %	no		102	101	102	---	101	100	102	102
Surr 4-Bromofluorobenzene	Surr Rec %	no		91	91	90	---	90	90	90	90
Surr 2-Bromo-1-Chloropropane	Surr Rec %	no		89	88	90	---	88	88	88	88
VOCs											
Acetone	µg/g	0.5	16	< 0.5	< 0.5	< 0.5	---	< 0.5	< 0.5	< 0.5	< 0.5
Bromomethane	µg/g	0.05	0.05	< 0.05	< 0.05	< 0.05	---	< 0.05	< 0.05	< 0.05	< 0.05
Carbon tetrachloride	µg/g	0.05	0.05	< 0.05	< 0.05	< 0.05	---	< 0.05	< 0.05	< 0.05	< 0.05
Chlorobenzene	µg/g	0.05	2.4	< 0.05	< 0.05	< 0.05	---	< 0.05	< 0.05	< 0.05	< 0.05
1,2-Dichlorobenzene	µg/g	0.05	1.2	< 0.05	< 0.05	< 0.05	---	< 0.05	< 0.05	< 0.05	< 0.05
1,3-Dichlorobenzene	µg/g	0.05	4.8	< 0.05	< 0.05	< 0.05	---	< 0.05	< 0.05	< 0.05	< 0.05
1,4-Dichlorobenzene	µg/g	0.05	0.083	< 0.05	< 0.05	< 0.05	---	< 0.05	< 0.05	< 0.05	< 0.05
Dichlorodifluoromethane	µg/g	0.05	16	< 0.05	< 0.05	< 0.05	---	< 0.05	< 0.05	< 0.05	< 0.05
1,1-Dichloroethane	µg/g	0.05	0.47	< 0.05	< 0.05	< 0.05	---	< 0.05	< 0.05	< 0.05	< 0.05
1,2-Dichloroethane	µg/g	0.05	0.05	< 0.05	< 0.05	< 0.05	---	< 0.05	< 0.05	< 0.05	< 0.05
1,1-Dichloroethylene	µg/g	0.05	0.05	< 0.05	< 0.05	< 0.05	---	< 0.05	< 0.05	< 0.05	< 0.05
trans-1,2-Dichloroethylene	µg/g	0.05	0.084	< 0.05	< 0.05	< 0.05	---	< 0.05	< 0.05	< 0.05	< 0.05
cis-1,2-Dichloroethylene	µg/g	0.05	1.9	< 0.05	< 0.05	< 0.05	---	< 0.05	< 0.05	< 0.05	< 0.05
1,2-Dichloropropane	µg/g	0.05	0.05	< 0.05	< 0.05	< 0.05	---	< 0.05	< 0.05	< 0.05	< 0.05
cis-1,3-dichloropropene	µg/g	0.03		< 0.03	< 0.03	< 0.03	---	< 0.03	< 0.03	< 0.03	< 0.03
trans-1,3-dichloropropene	µg/g	0.03		< 0.03	< 0.03	< 0.03	---	< 0.03	< 0.03	< 0.03	< 0.03
1,3-dichloropropene (total)	µg/g	0.05	0.05	< 0.05	< 0.05	< 0.05	---	< 0.05	< 0.05	< 0.05	< 0.05
Ethylenedibromide	µg/g	0.05	0.05	< 0.05	< 0.05	< 0.05	---	< 0.05	< 0.05	< 0.05	< 0.05

Client: Englobe Corp
Project: 02310769.004, Uxbridge
Project Manager: Prakash Patel
Samplers: Bob Racher

MATRIX: SOIL

L1 = REG153 / SOIL / COARSE - TABLE 2 - Residential/Parkland - UNDEFINED

Sample Number				10	11	12	13	14	15	16	17
Sample Name				BH 24-1/SS1	BH 24-1/SS5	BH 24-2/SS2	BH 24-2/SS4	BH 24-2/SS5	BH 24-3/SS1	BH 24-3/SS4	BH 24-4/SS1
Sample Matrix				Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
Sample Date				18/06/2024	18/06/2024	17/06/2024	17/06/2024	17/06/2024	17/06/2024	17/06/2024	17/06/2024
Parameter	**Units**	**RL**	**L1**	**Result**	**Result**	**Result**	**Result**	**Result**	**Result**	**Result**	**Result**
VOCs (continued)											
n-Hexane	µg/g	0.05	2.8	< 0.05	< 0.05	< 0.05	---	< 0.05	< 0.05	< 0.05	< 0.05
Methyl ethyl ketone	µg/g	0.5	16	< 0.5	< 0.5	< 0.5	---	< 0.5	< 0.5	< 0.5	< 0.5
Methyl isobutyl ketone	µg/g	0.5	1.7	< 0.5	< 0.5	< 0.5	---	< 0.5	< 0.5	< 0.5	< 0.5
Methyl-t-butyl Ether	µg/g	0.05	0.75	< 0.05	< 0.05	< 0.05	---	< 0.05	< 0.05	< 0.05	< 0.05
Methylene Chloride	µg/g	0.05	0.1	< 0.05	< 0.05	< 0.05	---	< 0.05	< 0.05	< 0.05	< 0.05
Styrene	µg/g	0.05	0.7	< 0.05	< 0.05	< 0.05	---	< 0.05	< 0.05	< 0.05	< 0.05
Tetrachloroethylene	µg/g	0.05	0.28	< 0.05	< 0.05	< 0.05	---	< 0.05	< 0.05	< 0.05	< 0.05
1,1,1,2-Tetrachloroethane	µg/g	0.05	0.058	< 0.05	< 0.05	< 0.05	---	< 0.05	< 0.05	< 0.05	< 0.05
1,1,2,2-Tetrachloroethane	µg/g	0.05	0.05	< 0.05	< 0.05	< 0.05	---	< 0.05	< 0.05	< 0.05	< 0.05
1,1,1-Trichloroethane	µg/g	0.05	0.38	< 0.05	< 0.05	< 0.05	---	< 0.05	< 0.05	< 0.05	< 0.05
1,1,2-Trichloroethane	µg/g	0.05	0.05	< 0.05	< 0.05	< 0.05	---	< 0.05	< 0.05	< 0.05	< 0.05
Trichloroethylene	µg/g	0.05	0.061	< 0.05	< 0.05	< 0.05	---	< 0.05	< 0.05	< 0.05	< 0.05
Trichlorofluoromethane	µg/g	0.05	4	< 0.05	< 0.05	< 0.05	---	< 0.05	< 0.05	< 0.05	< 0.05
Vinyl Chloride	µg/g	0.02	0.02	< 0.02	< 0.02	< 0.02	---	< 0.02	< 0.02	< 0.02	< 0.02
Chloroform	µg/g	0.05	0.05	< 0.05	< 0.05	< 0.05	---	< 0.05	< 0.05	< 0.05	< 0.05

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MATRIX: SOIL

L1 = REG153 / SOIL / COARSE - TABLE 2 - Residential/Parkland - UNDEFINED

	Sample Number	18	19	20	21	22	23	24	25
	Sample Name	BH 24-4/SS5	BH 24-5/SS1	BH 24-5/SS5	BH 24-6/SS2	BH 24-7/SS3	BH 24-7/SS6	BH 24-8/SS2	BH 24-8/SS5
	Sample Matrix	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
	Sample Date	17/06/2024	18/06/2024	18/06/2024	18/06/2024	18/06/2024	18/06/2024	19/06/2024	19/06/2024
Parameter	**Units**	**RL**	**L1**	**Result**	**Result**	**Result**	**Result**	**Result**	**Result**	**Result**	**Result**
BTEX										
Benzene	µg/g	0.02	0.21	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02
Ethylbenzene	µg/g	0.05	1.1	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Toluene	µg/g	0.05	2.3	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Xylene (total)	µg/g	0.05	3.1	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
m/p-xylene	µg/g	0.05		< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
o-xylene	µg/g	0.05		< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Hydrides										
Antimony	µg/g	0.8	7.5	< 0.8	< 0.8	< 0.8	< 0.8	< 0.8	< 0.8	< 0.8	< 0.8
Arsenic	µg/g	0.5	18	4.2	2.4	3.9	4.1	3.4	4.6	3.3	4.0
Selenium	µg/g	0.1	2.4	0.2	0.2	0.2	0.2	0.2	0.2	0.3	0.1
Metals and Inorganics										
Moisture Content	%	no		13.3	14.1	13.8	11.4	11.6	13.7	17.0	19.3
Barium	µg/g	0.1	390	16	25	22	28	32	29	35	18
Beryllium	µg/g	0.02	4	0.21	0.28	0.21	0.27	0.29	0.23	0.36	0.18
Boron	µg/g	1	120	4	2	4	3	3	4	4	4
Cadmium	µg/g	0.05	1.2	0.10	0.11	0.05	0.10	0.11	0.07	0.16	< 0.05
Chromium	µg/g	0.5	160	6.7	8.6	6.7	8.9	8.4	8.3	14	6.8
Cobalt	µg/g	0.01	22	2.8	2.8	2.7	3.3	3.0	3.3	5.0	2.4
Copper	µg/g	0.1	140	10	4.7	8.7	9.6	8.2	11	11	7.0
Lead	µg/g	0.1	120	3.5	5.2	3.4	5.1	5.9	4.2	8.0	2.7
Molybdenum	µg/g	0.1	6.9	0.3	0.2	0.2	0.3	0.3	0.3	0.4	0.3

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L1 = REG153 / SOIL / COARSE - TABLE 2 - Residential/Parkland - UNDEFINED

	Sample Number	18	19	20	21	22	23	24	25
	Sample Name	BH 24-4/SS5	BH 24-5/SS1	BH 24-5/SS5	BH 24-6/SS2	BH 24-7/SS3	BH 24-7/SS6	BH 24-8/SS2	BH 24-8/SS5
	Sample Matrix	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
	Sample Date	17/06/2024	18/06/2024	18/06/2024	18/06/2024	18/06/2024	18/06/2024	19/06/2024	19/06/2024
Parameter	**Units**	**RL**	**L1**	**Result**	**Result**	**Result**	**Result**	**Result**	**Result**	**Result**	**Result**
Metals and Inorganics (continued)										
Nickel	µg/g	0.5	100	6.0	5.6	5.7	6.4	6.3	7.2	10	5.0
Silver	µg/g	0.05	20	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Thallium	µg/g	0.02	1	0.08	0.06	0.06	0.05	0.06	0.07	0.11	0.05
Uranium	µg/g	0.002	23	0.65	0.43	0.48	0.50	0.43	0.68	0.62	0.63
Vanadium	µg/g	3	86	14	19	14	21	17	16	29	15
Zinc	µg/g	0.7	340	17	18	17	22	21	20	34	15
Water Soluble Boron	µg/g	0.5	1.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Other (ORP)										
Mercury	ug/g	0.05	0.27	< 0.05	0.10	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Sodium Adsorption Ratio	No unit	0.2	5	29.9	0.3	22.7	62.6	4.3	2.0	0.9	0.8
SAR Calcium	mg/L	0.2		16.5	29.6	21.0	16.3	20.9	23.0	22.9	21.5
SAR Magnesium	mg/L	0.3		1.0	0.6	0.5	< 0.3	0.6	2.1	0.9	1.4
SAR Sodium	mg/L	0.1		460	6.8	390	930	72.3	37.0	16.0	14.9
Conductivity	mS/cm	0.002	0.7	2.2	0.16	1.9	4.2	0.40	0.32	0.19	0.17
pH	pH Units	0.05		8.09	8.11	7.56	7.96	7.77	7.87	7.51	7.78
Chromium VI	µg/g	0.2	8	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	0.2	< 0.2
Free Cyanide	µg/g	0.05	0.051	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05

Client: Englobe Corp
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Project Manager: Prakash Patel
Samplers: Bob Racher

MATRIX: SOIL

L1 = REG153 / SOIL / COARSE - TABLE 2 - Residential/Parkland - UNDEFINED

	Sample Number	18	19	20	21	22	23	24	25
	Sample Name	BH 24-4/SS5	BH 24-5/SS1	BH 24-5/SS5	BH 24-6/SS2	BH 24-7/SS3	BH 24-7/SS6	BH 24-8/SS2	BH 24-8/SS5
	Sample Matrix	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
	Sample Date	17/06/2024	18/06/2024	18/06/2024	18/06/2024	18/06/2024	18/06/2024	19/06/2024	19/06/2024
Parameter	**Units**	**RL**	**L1**	**Result**	**Result**	**Result**	**Result**	**Result**	**Result**	**Result**	**Result**
PAHs										
Acenaphthene	µg/g	0.05	7.9	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Acenaphthylene	µg/g	0.05	0.15	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Anthracene	µg/g	0.05	0.67	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Benzo(a)anthracene	µg/g	0.05	0.5	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Benzo(a)pyrene	µg/g	0.05	0.3	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Benzo(b+j)fluoranthene	µg/g	0.05	0.78	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Benzo(ghi)perylene	µg/g	0.1	6.6	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Benzo(k)fluoranthene	µg/g	0.05	0.78	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Chrysene	µg/g	0.05	7	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Dibenzo(a,h)anthracene	µg/g	0.06	0.1	< 0.06	< 0.06	< 0.06	< 0.06	< 0.06	< 0.06	< 0.06	< 0.06
Fluoranthene	µg/g	0.05	0.69	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Fluorene	µg/g	0.05	62	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Indeno(1,2,3-cd)pyrene	µg/g	0.1	0.38	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
1-Methylnaphthalene	µg/g	0.05		< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
2-Methylnaphthalene	µg/g	0.05		< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Methylnaphthalene, 2-(1-)	µg/g	0.05	0.99	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Naphthalene	µg/g	0.05	0.6	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Phenanthrene	µg/g	0.05	6.2	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Pyrene	µg/g	0.05	78	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05

Client: Englobe Corp
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Project Manager: Prakash Patel
Samplers: Bob Racher

MATRIX: SOIL

L1 = REG153 / SOIL / COARSE - TABLE 2 - Residential/Parkland - UNDEFINED

Sample Number				18	19	20	21	22	23	24	25
Sample Name				BH 24-4/SS5	BH 24-5/SS1	BH 24-5/SS5	BH 24-6/SS2	BH 24-7/SS3	BH 24-7/SS6	BH 24-8/SS2	BH 24-8/SS5
Sample Matrix				Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
Sample Date				17/06/2024	18/06/2024	18/06/2024	18/06/2024	18/06/2024	18/06/2024	19/06/2024	19/06/2024
Parameter	**Units**	**RL**	**L1**	**Result**	**Result**	**Result**	**Result**	**Result**	**Result**	**Result**	**Result**
PCBs											
Polychlorinated Biphenyls (PCBs) - Total	µg/g	0.3	0.35	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3
PHCs											
F1 (C6-C10)	µg/g	10	55	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10
F1-BTEX (C6-C10)	µg/g	10	55	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10
F2 (C10-C16)	µg/g	10	98	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10
F3 (C16-C34)	µg/g	50	300	< 50	< 50	< 50	212	< 50	< 50	62	< 50
F4 (C34-C50)	µg/g	50	2800	< 50	< 50	< 50	457	< 50	< 50	93	< 50
CCME F4G-sg (GHH)	µg/g	200	2800	---	---	---	1460	---	---	---	---
Chromatogram returned to baseline at nC50	Yes / No	no		YES	YES	YES	NO	YES	YES	YES	YES
THMs (VOC)											
Bromodichloromethane	µg/g	0.05	1.5	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Bromoform	µg/g	0.05	0.27	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Dibromochloromethane	µg/g	0.05	2.3	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05

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L1 = REG153 / SOIL / COARSE - TABLE 2 - Residential/Parkland - UNDEFINED

Sample Number				18	19	20	21	22	23	24	25
Sample Name				BH 24-4/SS5	BH 24-5/SS1	BH 24-5/SS5	BH 24-6/SS2	BH 24-7/SS3	BH 24-7/SS6	BH 24-8/SS2	BH 24-8/SS5
Sample Matrix				Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
Sample Date				17/06/2024	18/06/2024	18/06/2024	18/06/2024	18/06/2024	18/06/2024	19/06/2024	19/06/2024
Parameter	**Units**	**RL**	**L1**	**Result**	**Result**	**Result**	**Result**	**Result**	**Result**	**Result**	**Result**
VOC Surrogates											
Surr 1,2-Dichloroethane-d4	Surr Rec %	no		103	102	102	102	104	102	102	101
Surr 4-Bromofluorobenzene	Surr Rec %	no		90	90	89	89	90	90	90	87
Surr 2-Bromo-1-Chloropropane	Surr Rec %	no		89	88	88	88	88	88	88	88
VOCs											
Acetone	µg/g	0.5	16	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Bromomethane	µg/g	0.05	0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Carbon tetrachloride	µg/g	0.05	0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Chlorobenzene	µg/g	0.05	2.4	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
1,2-Dichlorobenzene	µg/g	0.05	1.2	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
1,3-Dichlorobenzene	µg/g	0.05	4.8	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
1,4-Dichlorobenzene	µg/g	0.05	0.083	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Dichlorodifluoromethane	µg/g	0.05	16	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
1,1-Dichloroethane	µg/g	0.05	0.47	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
1,2-Dichloroethane	µg/g	0.05	0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
1,1-Dichloroethylene	µg/g	0.05	0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
trans-1,2-Dichloroethylene	µg/g	0.05	0.084	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
cis-1,2-Dichloroethylene	µg/g	0.05	1.9	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
1,2-Dichloropropane	µg/g	0.05	0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
cis-1,3-dichloropropene	µg/g	0.03		< 0.03	< 0.03	< 0.03	< 0.03	< 0.03	< 0.03	< 0.03	< 0.03
trans-1,3-dichloropropene	µg/g	0.03		< 0.03	< 0.03	< 0.03	< 0.03	< 0.03	< 0.03	< 0.03	< 0.03
1,3-dichloropropene (total)	µg/g	0.05	0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Ethylenedibromide	µg/g	0.05	0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05

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MATRIX: SOIL

L1 = REG153 / SOIL / COARSE - TABLE 2 - Residential/Parkland - UNDEFINED

Sample Number			18	19	20	21	22	23	24	25
Sample Name			BH 24-4/SS5	BH 24-5/SS1	BH 24-5/SS5	BH 24-6/SS2	BH 24-7/SS3	BH 24-7/SS6	BH 24-8/SS2	BH 24-8/SS5
Sample Matrix			Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
Sample Date			17/06/2024	18/06/2024	18/06/2024	18/06/2024	18/06/2024	18/06/2024	19/06/2024	19/06/2024
Parameter	**Units**	**RL**	**L1**	**Result**	**Result**	**Result**	**Result**	**Result**	**Result**	**Result**	**Result**
VOCs (continued)										
n-Hexane	µg/g	0.05	2.8	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Methyl ethyl ketone	µg/g	0.5	16	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Methyl isobutyl ketone	µg/g	0.5	1.7	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Methyl-t-butyl Ether	µg/g	0.05	0.75	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Methylene Chloride	µg/g	0.05	0.1	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Styrene	µg/g	0.05	0.7	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Tetrachloroethylene	µg/g	0.05	0.28	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
1,1,1,2-Tetrachloroethane	µg/g	0.05	0.058	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
1,1,2,2-Tetrachloroethane	µg/g	0.05	0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
1,1,1-Trichloroethane	µg/g	0.05	0.38	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
1,1,2-Trichloroethane	µg/g	0.05	0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Trichloroethylene	µg/g	0.05	0.061	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Trichlorofluoromethane	µg/g	0.05	4	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Vinyl Chloride	µg/g	0.02	0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02
Chloroform	µg/g	0.05	0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05

Client: Englobe Corp
Project: 02310769.004, Uxbridge
Project Manager: Prakash Patel
Samplers: Bob Racher

MATRIX: SOIL

L1 = REG153 / SOIL / COARSE - TABLE 2 - Residential/Parkland - UNDEFINED

	Sample Number	26	27	28	29	30	31	32	33
	Sample Name	BH 24-9/SS2	BH 24-10/SS3	BH 24-11/SS2	BH 24-12/SS1	BH 24-12/SS4	BH 24-13/SS3	BH 24-14/SS1	BH 24-14/SS4
	Sample Matrix	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
	Sample Date	19/06/2024	19/06/2024	20/06/2024	20/06/2024	20/06/2024	20/06/2024	20/06/2024	20/06/2024
Parameter	**Units**	**RL**	**L1**	**Result**	**Result**	**Result**	**Result**	**Result**	**Result**	**Result**	**Result**
BTEX											
Benzene	µg/g	0.02	0.21	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02
Ethylbenzene	µg/g	0.05	1.1	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Toluene	µg/g	0.05	2.3	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Xylene (total)	µg/g	0.05	3.1	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
m/p-xylene	µg/g	0.05		< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
o-xylene	µg/g	0.05		< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Hydrides											
Antimony	µg/g	0.8	7.5	< 0.8	< 0.8	< 0.8	< 0.8	< 0.8	< 0.8	< 0.8	< 0.8
Arsenic	µg/g	0.5	18	3.1	4.1	2.6	3.4	2.6	4.2	1.8	2.7
Selenium	µg/g	0.1	2.4	< 0.1	0.2	0.1	0.1	< 0.1	0.1	0.2	< 0.1
Metals and Inorganics											
Moisture Content	%	no		16.4	12.6	15.6	6.4	19.2	11.0	13.0	19.5
Barium	µg/g	0.1	390	16	27	10	15	13	16	24	12
Beryllium	µg/g	0.02	4	0.16	0.22	0.18	0.20	0.11	0.20	0.27	0.16
Boron	µg/g	1	120	2	3	2	2	2	3	1	2
Cadmium	µg/g	0.05	1.2	< 0.05	0.07	< 0.05	0.05	< 0.05	0.06	0.12	< 0.05
Chromium	µg/g	0.5	160	5.2	8.4	5.7	5.9	3.2	8.3	6.9	4.4
Cobalt	µg/g	0.01	22	1.9	3.2	1.7	2.0	1.4	2.3	2.5	1.6
Copper	µg/g	0.1	140	6.2	9.1	4.6	4.8	3.3	7.1	4.0	3.7
Lead	µg/g	0.1	120	2.2	4.2	2.3	3.0	2.0	4.3	5.5	2.5
Molybdenum	µg/g	0.1	6.9	0.2	0.4	0.2	0.2	< 0.1	0.5	0.2	0.1

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L1 = REG153 / SOIL / COARSE - TABLE 2 - Residential/Parkland - UNDEFINED

	Sample Number	26	27	28	29	30	31	32	33
	Sample Name	BH 24-9/SS2	BH 24-10/SS3	BH 24-11/SS2	BH 24-12/SS1	BH 24-12/SS4	BH 24-13/SS3	BH 24-14/SS1	BH 24-14/SS4
	Sample Matrix	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
	Sample Date	19/06/2024	19/06/2024	20/06/2024	20/06/2024	20/06/2024	20/06/2024	20/06/2024	20/06/2024
Parameter	**Units**	**RL**	**L1**	**Result**	**Result**	**Result**	**Result**	**Result**	**Result**	**Result**	**Result**
Metals and Inorganics (continued)											
Nickel	µg/g	0.5	100	4.0	6.7	3.3	4.0	2.4	5.3	4.3	3.1
Silver	µg/g	0.05	20	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Thallium	µg/g	0.02	1	0.04	0.07	0.03	0.04	< 0.02	0.05	0.05	0.03
Uranium	µg/g	0.002	23	0.37	0.44	0.42	0.43	0.35	0.48	0.35	0.32
Vanadium	µg/g	3	86	12	17	15	16	8	13	16	9
Zinc	µg/g	0.7	340	12	22	11	13	8.8	18	21	9.6
Water Soluble Boron	µg/g	0.5	1.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Other (ORP)											
Mercury	ug/g	0.05	0.27	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Sodium Adsorption Ratio	No unit	0.2	5	0.8	2.7	< 0.2	< 0.2	< 0.2	0.2	< 0.2	< 0.2
SAR Calcium	mg/L	0.2		18.2	10.5	24.5	20.7	12.4	20.6	10.9	24.5
SAR Magnesium	mg/L	0.3		0.6	0.4	< 0.3	0.5	0.6	0.6	0.6	0.5
SAR Sodium	mg/L	0.1		12.1	32.4	2.4	2.1	2.1	3.7	1.6	3.0
Conductivity	mS/cm	0.002	0.7	0.15	0.19	0.12	0.12	0.09	0.13	0.06	0.13
pH	pH Units	0.05		7.98	7.61	7.56	7.86	8.01	7.34	6.05	7.40
Chromium VI	µg/g	0.2	8	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
Free Cyanide	µg/g	0.05	0.051	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05

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MATRIX: SOIL

L1 = REG153 / SOIL / COARSE - TABLE 2 - Residential/Parkland - UNDEFINED

Sample Number				26	27	28	29	30	31	32	33
Sample Name				BH 24-9/SS2	BH 24-10/SS3	BH 24-11/SS2	BH 24-12/SS1	BH 24-12/SS4	BH 24-13/SS3	BH 24-14/SS1	BH 24-14/SS4
Sample Matrix				Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
Sample Date				19/06/2024	19/06/2024	20/06/2024	20/06/2024	20/06/2024	20/06/2024	20/06/2024	20/06/2024
Parameter	**Units**	**RL**	**L1**	**Result**	**Result**	**Result**	**Result**	**Result**	**Result**	**Result**	**Result**
PAHs											
Acenaphthene	µg/g	0.05	7.9	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Acenaphthylene	µg/g	0.05	0.15	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Anthracene	µg/g	0.05	0.67	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Benzo(a)anthracene	µg/g	0.05	0.5	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Benzo(a)pyrene	µg/g	0.05	0.3	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Benzo(b+j)fluoranthene	µg/g	0.05	0.78	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Benzo(ghi)perylene	µg/g	0.1	6.6	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Benzo(k)fluoranthene	µg/g	0.05	0.78	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Chrysene	µg/g	0.05	7	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Dibenzo(a,h)anthracene	µg/g	0.06	0.1	< 0.06	< 0.06	< 0.06	< 0.06	< 0.06	< 0.06	< 0.06	< 0.06
Fluoranthene	µg/g	0.05	0.69	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Fluorene	µg/g	0.05	62	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Indeno(1,2,3-cd)pyrene	µg/g	0.1	0.38	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
1-Methylnaphthalene	µg/g	0.05		< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
2-Methylnaphthalene	µg/g	0.05		< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Methylnaphthalene, 2-(1-)	µg/g	0.05	0.99	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Naphthalene	µg/g	0.05	0.6	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Phenanthrene	µg/g	0.05	6.2	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Pyrene	µg/g	0.05	78	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05

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MATRIX: SOIL

L1 = REG153 / SOIL / COARSE - TABLE 2 - Residential/Parkland - UNDEFINED

	Sample Number	26	27	28	29	30	31	32	33
	Sample Name	BH 24-9/SS2	BH 24-10/SS3	BH 24-11/SS2	BH 24-12/SS1	BH 24-12/SS4	BH 24-13/SS3	BH 24-14/SS1	BH 24-14/SS4
	Sample Matrix	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
	Sample Date	19/06/2024	19/06/2024	20/06/2024	20/06/2024	20/06/2024	20/06/2024	20/06/2024	20/06/2024
Parameter	**Units**	**RL**	**L1**	**Result**	**Result**	**Result**	**Result**	**Result**	**Result**	**Result**	**Result**
PCBs										
Polychlorinated Biphenyls (PCBs) - Total	µg/g	0.3	0.35	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3
PHCs										
F1 (C6-C10)	µg/g	10	55	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10
F1-BTEX (C6-C10)	µg/g	10	55	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10
F2 (C10-C16)	µg/g	10	98	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10
F3 (C16-C34)	µg/g	50	300	< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 50
F4 (C34-C50)	µg/g	50	2800	< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 50
Chromatogram returned to baseline at nC50	Yes / No	no		YES	YES	YES	YES	YES	YES	YES	YES
THMs (VOC)										
Bromodichloromethane	µg/g	0.05	1.5	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Bromoform	µg/g	0.05	0.27	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Dibromochloromethane	µg/g	0.05	2.3	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05

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L1 = REG153 / SOIL / COARSE - TABLE 2 - Residential/Parkland - UNDEFINED

	Sample Number			26	27	28	29	30	31	32	33
	Sample Name			BH 24-9/SS2	BH 24-10/SS3	BH 24-11/SS2	BH 24-12/SS1	BH 24-12/SS4	BH 24-13/SS3	BH 24-14/SS1	BH 24-14/SS4
	Sample Matrix			Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
	Sample Date			19/06/2024	19/06/2024	20/06/2024	20/06/2024	20/06/2024	20/06/2024	20/06/2024	20/06/2024
Parameter	**Units**	**RL**	**L1**	**Result**	**Result**	**Result**	**Result**	**Result**	**Result**	**Result**	**Result**
VOC Surrogates											
Surr 1,2-Dichloroethane-d4	Surr Rec %	no		101	103	102	99	100	108	108	108
Surr 4-Bromofluorobenzene	Surr Rec %	no		89	90	88	87	87	91	91	92
Surr 2-Bromo-1-Chloropropane	Surr Rec %	no		87	87	89	86	86	89	89	88
VOCs											
Acetone	µg/g	0.5	16	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Bromomethane	µg/g	0.05	0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Carbon tetrachloride	µg/g	0.05	0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Chlorobenzene	µg/g	0.05	2.4	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
1,2-Dichlorobenzene	µg/g	0.05	1.2	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
1,3-Dichlorobenzene	µg/g	0.05	4.8	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
1,4-Dichlorobenzene	µg/g	0.05	0.083	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Dichlorodifluoromethane	µg/g	0.05	16	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
1,1-Dichloroethane	µg/g	0.05	0.47	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
1,2-Dichloroethane	µg/g	0.05	0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
1,1-Dichloroethylene	µg/g	0.05	0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
trans-1,2-Dichloroethylene	µg/g	0.05	0.084	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
cis-1,2-Dichloroethylene	µg/g	0.05	1.9	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
1,2-Dichloropropane	µg/g	0.05	0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
cis-1,3-dichloropropene	µg/g	0.03		< 0.03	< 0.03	< 0.03	< 0.03	< 0.03	< 0.03	< 0.03	< 0.03
trans-1,3-dichloropropene	µg/g	0.03		< 0.03	< 0.03	< 0.03	< 0.03	< 0.03	< 0.03	< 0.03	< 0.03
1,3-dichloropropene (total)	µg/g	0.05	0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Ethylenedibromide	µg/g	0.05	0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05

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MATRIX: SOIL

L1 = REG153 / SOIL / COARSE - TABLE 2 - Residential/Parkland - UNDEFINED

	Sample Number	26	27	28	29	30	31	32	33
	Sample Name	BH 24-9/SS2	BH 24-10/SS3	BH 24-11/SS2	BH 24-12/SS1	BH 24-12/SS4	BH 24-13/SS3	BH 24-14/SS1	BH 24-14/SS4
	Sample Matrix	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
	Sample Date	19/06/2024	19/06/2024	20/06/2024	20/06/2024	20/06/2024	20/06/2024	20/06/2024	20/06/2024
Parameter	**Units**	**RL**	**L1**	**Result**	**Result**	**Result**	**Result**	**Result**	**Result**	**Result**	**Result**
VOCs (continued)										
n-Hexane	µg/g	0.05	2.8	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Methyl ethyl ketone	µg/g	0.5	16	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Methyl isobutyl ketone	µg/g	0.5	1.7	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Methyl-t-butyl Ether	µg/g	0.05	0.75	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Methylene Chloride	µg/g	0.05	0.1	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Styrene	µg/g	0.05	0.7	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Tetrachloroethylene	µg/g	0.05	0.28	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
1,1,1,2-Tetrachloroethane	µg/g	0.05	0.058	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
1,1,2,2-Tetrachloroethane	µg/g	0.05	0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
1,1,1-Trichloroethane	µg/g	0.05	0.38	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
1,1,2-Trichloroethane	µg/g	0.05	0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Trichloroethylene	µg/g	0.05	0.061	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Trichlorofluoromethane	µg/g	0.05	4	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Vinyl Chloride	µg/g	0.02	0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02
Chloroform	µg/g	0.05	0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05

Client: Englobe Corp
Project: 02310769.004, Uxbridge
Project Manager: Prakash Patel
Samplers: N/A

MATRIX: SOIL

L1 = REG153 / SOIL / COARSE - TABLE 2 - Residential/Parkland - UNDEFINED

Sample Number				34	35	36	37	38	39	40	41
Sample Name				BH 24-15/SS3	BH 24-16/SS1	BH 24-16/SS3	BH 24-16/SS4	BH 24-17/SS1	BH 24-17/SS2	BH 24-17/SS4	DUP#1
Sample Matrix				Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
Sample Date				20/06/2024	19/06/2024	19/06/2024	19/06/2024	17/06/2024	17/06/2024	17/06/2024	17/06/2024
Parameter	**Units**	**RL**	**L1**	**Result**	**Result**	**Result**	**Result**	**Result**	**Result**	**Result**	**Result**
BTEX											
Benzene	µg/g	0.02	0.21	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02
Ethylbenzene	µg/g	0.05	1.1	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Toluene	µg/g	0.05	2.3	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Xylene (total)	µg/g	0.05	3.1	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
m/p-xylene	µg/g	0.05		< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
o-xylene	µg/g	0.05		< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Hydrides											
Antimony	µg/g	0.8	7.5	< 0.8	< 0.8	< 0.8	< 0.8	< 0.8	< 0.8	< 0.8	< 0.8
Arsenic	µg/g	0.5	18	3.7	3.8	3.4	3.7	3.5	4.0	4.7	3.6
Selenium	µg/g	0.1	2.4	0.1	0.2	0.1	0.1	0.1	0.1	0.2	0.2
Metals and Inorganics											
Moisture Content	%	no		13.6	10.1	10.6	17.3	16.7	15.3	12.5	12.6
Barium	µg/g	0.1	390	19	41	13	17	16	22	33	33
Beryllium	µg/g	0.02	4	0.19	0.35	0.16	0.17	0.15	0.18	0.24	0.29
Boron	µg/g	1	120	3	2	3	3	3	4	4	3
Cadmium	µg/g	0.05	1.2	0.06	0.13	< 0.05	< 0.05	< 0.05	< 0.05	0.06	0.12
Chromium	µg/g	0.5	160	5.7	9.3	4.8	5.7	5.5	6.8	8.0	8.5
Cobalt	µg/g	0.01	22	2.5	3.3	2.0	2.2	2.1	2.8	3.3	2.9
Copper	µg/g	0.1	140	7.1	7.3	5.4	6.1	6.4	8.1	9.5	7.4
Lead	µg/g	0.1	120	3.3	9.3	2.1	2.4	2.5	3.5	4.2	27
Molybdenum	µg/g	0.1	6.9	0.2	0.2	0.1	0.1	< 0.1	< 0.1	0.3	0.3

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Project Manager: Prakash Patel
Samplers: N/A

MATRIX: SOIL

L1 = REG153 / SOIL / COARSE - TABLE 2 - Residential/Parkland - UNDEFINED

	Sample Number	34	35	36	37	38	39	40	41
	Sample Name	BH 24-15/SS3	BH 24-16/SS1	BH 24-16/SS3	BH 24-16/SS4	BH 24-17/SS1	BH 24-17/SS2	BH 24-17/SS4	DUP#1
	Sample Matrix	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
	Sample Date	20/06/2024	19/06/2024	19/06/2024	19/06/2024	17/06/2024	17/06/2024	17/06/2024	17/06/2024
Parameter	**Units**	**RL**	**L1**	**Result**	**Result**	**Result**	**Result**	**Result**	**Result**	**Result**	**Result**
Metals and Inorganics (continued)											
Nickel	µg/g	0.5	100	5.2	6.4	3.6	4.2	4.0	5.9	7.3	5.8
Silver	µg/g	0.05	20	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Thallium	µg/g	0.02	1	0.05	0.07	0.03	0.04	0.03	0.06	0.07	0.05
Uranium	µg/g	0.002	23	0.37	0.47	0.42	0.44	0.44	0.47	0.61	0.46
Vanadium	µg/g	3	86	12	19	12	13	13	14	14	17
Zinc	µg/g	0.7	340	15	27	12	13	14	16	19	30
Water Soluble Boron	µg/g	0.5	1.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Other (ORP)											
Mercury	ug/g	0.05	0.27	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Sodium Adsorption Ratio	No unit	0.2	5	< 0.2	< 0.2	0.3	0.2	30.3	15.3	6.4	13.7
SAR Calcium	mg/L	0.2		20.6	25.8	17.1	15.9	17.2	46.2	21.9	9.0
SAR Magnesium	mg/L	0.3		0.8	0.4	0.6	0.5	1.4	3.0	2.7	< 0.3
SAR Sodium	mg/L	0.1		2.7	2.0	3.9	3.6	490	400	120	150
Conductivity	mS/cm	0.002	0.7	0.11	0.13	0.11	0.10	2.4	2.2	0.78	0.62
pH	pH Units	0.05		7.88	7.79	7.99	8.05	8.03	8.02	7.96	8.02
Chromium VI	µg/g	0.2	8	< 0.2	0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	2.2
Free Cyanide	µg/g	0.05	0.051	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05

Client: Englobe Corp
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Project Manager: Prakash Patel
Samplers: N/A

MATRIX: SOIL

L1 = REG153 / SOIL / COARSE - TABLE 2 - Residential/Parkland - UNDEFINED

Sample Number				34	35	36	37	38	39	40	41
Sample Name				BH 24-15/SS3	BH 24-16/SS1	BH 24-16/SS3	BH 24-16/SS4	BH 24-17/SS1	BH 24-17/SS2	BH 24-17/SS4	DUP#1
Sample Matrix				Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
Sample Date				20/06/2024	19/06/2024	19/06/2024	19/06/2024	17/06/2024	17/06/2024	17/06/2024	17/06/2024
Parameter	**Units**	**RL**	**L1**	**Result**	**Result**	**Result**	**Result**	**Result**	**Result**	**Result**	**Result**
PAHs											
Acenaphthene	µg/g	0.05	7.9	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Acenaphthylene	µg/g	0.05	0.15	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Anthracene	µg/g	0.05	0.67	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Benzo(a)anthracene	µg/g	0.05	0.5	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Benzo(a)pyrene	µg/g	0.05	0.3	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Benzo(b+j)fluoranthene	µg/g	0.05	0.78	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Benzo(ghi)perylene	µg/g	0.1	6.6	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Benzo(k)fluoranthene	µg/g	0.05	0.78	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Chrysene	µg/g	0.05	7	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Dibenzo(a,h)anthracene	µg/g	0.06	0.1	< 0.06	< 0.06	< 0.06	< 0.06	< 0.06	< 0.06	< 0.06	< 0.06
Fluoranthene	µg/g	0.05	0.69	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Fluorene	µg/g	0.05	62	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Indeno(1,2,3-cd)pyrene	µg/g	0.1	0.38	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
1-Methylnaphthalene	µg/g	0.05		< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
2-Methylnaphthalene	µg/g	0.05		< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Methylnaphthalene, 2-(1-)	µg/g	0.05	0.99	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Naphthalene	µg/g	0.05	0.6	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Phenanthrene	µg/g	0.05	6.2	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Pyrene	µg/g	0.05	78	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05

Client: Englobe Corp
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Project Manager: Prakash Patel
Samplers: N/A

MATRIX: SOIL

L1 = REG153 / SOIL / COARSE - TABLE 2 - Residential/Parkland - UNDEFINED

	Sample Number			34	35	36	37	38	39	40	41
	Sample Name			BH 24-15/SS3	BH 24-16/SS1	BH 24-16/SS3	BH 24-16/SS4	BH 24-17/SS1	BH 24-17/SS2	BH 24-17/SS4	DUP#1
	Sample Matrix			Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
	Sample Date			20/06/2024	19/06/2024	19/06/2024	19/06/2024	17/06/2024	17/06/2024	17/06/2024	17/06/2024
Parameter	**Units**	**RL**	**L1**	**Result**	**Result**	**Result**	**Result**	**Result**	**Result**	**Result**	**Result**
PCBs											
Polychlorinated Biphenyls (PCBs) - Total	µg/g	0.3	0.35	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3
PHCs											
F1 (C6-C10)	µg/g	10	55	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10
F1-BTEX (C6-C10)	µg/g	10	55	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10
F2 (C10-C16)	µg/g	10	98	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10
F3 (C16-C34)	µg/g	50	300	< 50	< 50	< 50	< 50	56	< 50	< 50	< 50
F4 (C34-C50)	µg/g	50	2800	< 50	< 50	< 50	< 50	118	122	< 50	< 50
Chromatogram returned to baseline at nC50	Yes / No	no		YES	YES	YES	YES	YES	YES	YES	YES
THMs (VOC)											
Bromodichloromethane	µg/g	0.05	1.5	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Bromoform	µg/g	0.05	0.27	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Dibromochloromethane	µg/g	0.05	2.3	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05

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MATRIX: SOIL

L1 = REG153 / SOIL / COARSE - TABLE 2 - Residential/Parkland - UNDEFINED

Sample Number				34	35	36	37	38	39	40	41
Sample Name				BH 24-15/SS3	BH 24-16/SS1	BH 24-16/SS3	BH 24-16/SS4	BH 24-17/SS1	BH 24-17/SS2	BH 24-17/SS4	DUP#1
Sample Matrix				Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
Sample Date				20/06/2024	19/06/2024	19/06/2024	19/06/2024	17/06/2024	17/06/2024	17/06/2024	17/06/2024
Parameter	**Units**	**RL**	**L1**	**Result**	**Result**	**Result**	**Result**	**Result**	**Result**	**Result**	**Result**
VOC Surrogates											
Surr 1,2-Dichloroethane-d4	Surr Rec %	no		109	108	108	108	108	109	109	109
Surr 4-Bromofluorobenzene	Surr Rec %	no		91	92	92	92	91	92	92	92
Surr 2-Bromo-1-Chloropropane	Surr Rec %	no		89	89	88	89	89	89	89	89
VOCs											
Acetone	µg/g	0.5	16	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Bromomethane	µg/g	0.05	0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Carbon tetrachloride	µg/g	0.05	0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Chlorobenzene	µg/g	0.05	2.4	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
1,2-Dichlorobenzene	µg/g	0.05	1.2	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
1,3-Dichlorobenzene	µg/g	0.05	4.8	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
1,4-Dichlorobenzene	µg/g	0.05	0.083	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Dichlorodifluoromethane	µg/g	0.05	16	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
1,1-Dichloroethane	µg/g	0.05	0.47	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
1,2-Dichloroethane	µg/g	0.05	0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
1,1-Dichloroethylene	µg/g	0.05	0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
trans-1,2-Dichloroethylene	µg/g	0.05	0.084	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
cis-1,2-Dichloroethylene	µg/g	0.05	1.9	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
1,2-Dichloropropane	µg/g	0.05	0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
cis-1,3-dichloropropene	µg/g	0.03		< 0.03	< 0.03	< 0.03	< 0.03	< 0.03	< 0.03	< 0.03	< 0.03
trans-1,3-dichloropropene	µg/g	0.03		< 0.03	< 0.03	< 0.03	< 0.03	< 0.03	< 0.03	< 0.03	< 0.03
1,3-dichloropropene (total)	µg/g	0.05	0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Ethylenedibromide	µg/g	0.05	0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05

Client: Englobe Corp
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Project Manager: Prakash Patel
Samplers: N/A

MATRIX: SOIL

L1 = REG153 / SOIL / COARSE - TABLE 2 - Residential/Parkland - UNDEFINED

	Sample Number	34	35	36	37	38	39	40	41
	Sample Name	BH 24-15/SS3	BH 24-16/SS1	BH 24-16/SS3	BH 24-16/SS4	BH 24-17/SS1	BH 24-17/SS2	BH 24-17/SS4	DUP#1
	Sample Matrix	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
	Sample Date	20/06/2024	19/06/2024	19/06/2024	19/06/2024	17/06/2024	17/06/2024	17/06/2024	17/06/2024
Parameter	**Units**	**RL**	**L1**	**Result**	**Result**	**Result**	**Result**	**Result**	**Result**	**Result**	**Result**
VOCs (continued)										
n-Hexane	µg/g	0.05	2.8	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Methyl ethyl ketone	µg/g	0.5	16	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Methyl isobutyl ketone	µg/g	0.5	1.7	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Methyl-t-butyl Ether	µg/g	0.05	0.75	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Methylene Chloride	µg/g	0.05	0.1	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Styrene	µg/g	0.05	0.7	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Tetrachloroethylene	µg/g	0.05	0.28	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
1,1,1,2-Tetrachloroethane	µg/g	0.05	0.058	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
1,1,2,2-Tetrachloroethane	µg/g	0.05	0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
1,1,1-Trichloroethane	µg/g	0.05	0.38	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
1,1,2-Trichloroethane	µg/g	0.05	0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Trichloroethylene	µg/g	0.05	0.061	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Trichlorofluoromethane	µg/g	0.05	4	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Vinyl Chloride	µg/g	0.02	0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02
Chloroform	µg/g	0.05	0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05

Client: Englobe Corp
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Project Manager: Prakash Patel
Samplers: N/A

MATRIX: SOIL

L1 = REG153 / SOIL / COARSE - TABLE 2 - Residential/Parkland - UNDEFINED

Sample Number				42	43	44
Sample Name				DUP#2	DUP#3	DUP#4
Sample Matrix				Soil	Soil	Soil
Sample Date				18/06/2024	19/06/2024	19/06/2024
Parameter	**Units**	**RL**	**L1**	**Result**	**Result**	**Result**
BTEX						
Benzene	µg/g	0.02	0.21	< 0.02	< 0.02	< 0.02
Ethylbenzene	µg/g	0.05	1.1	< 0.05	< 0.05	< 0.05
Toluene	µg/g	0.05	2.3	< 0.05	< 0.05	< 0.05
Xylene (total)	µg/g	0.05	3.1	< 0.05	< 0.05	< 0.05
m/p-xylene	µg/g	0.05		< 0.05	< 0.05	< 0.05
o-xylene	µg/g	0.05		< 0.05	< 0.05	< 0.05
Hydrides						
Antimony	µg/g	0.8	7.5	< 0.8	< 0.8	< 0.8
Arsenic	µg/g	0.5	18	2.7	3.8	4.2
Selenium	µg/g	0.1	2.4	0.2	0.2	0.2
Metals and Inorganics						
Moisture Content	%	no		15.0	24.7	14.4
Barium	µg/g	0.1	390	27	43	25
Beryllium	µg/g	0.02	4	0.27	0.38	0.20
Boron	µg/g	1	120	2	3	4
Cadmium	µg/g	0.05	1.2	0.11	0.12	0.06
Chromium	µg/g	0.5	160	7.9	10.0	7.3
Cobalt	µg/g	0.01	22	2.8	3.5	3.0
Copper	µg/g	0.1	140	5.5	7.6	8.5
Lead	µg/g	0.1	120	5.9	8.5	3.6
Molybdenum	µg/g	0.1	6.9	0.2	0.2	0.2

Client: Englobe Corp
Project: 02310769.004, Uxbridge
Project Manager: Prakash Patel
Samplers: N/A

MATRIX: SOIL

L1 = REG153 / SOIL / COARSE - TABLE 2 - Residential/Parkland - UNDEFINED

	Sample Number			42	43	44
	Sample Name			DUP#2	DUP#3	DUP#4
	Sample Matrix			Soil	Soil	Soil
	Sample Date			18/06/2024	19/06/2024	19/06/2024
Parameter	**Units**	**RL**	**L1**	**Result**	**Result**	**Result**
Metals and Inorganics (continued)						
Nickel	µg/g	0.5	100	5.2	7.1	6.4
Silver	µg/g	0.05	20	< 0.05	< 0.05	< 0.05
Thallium	µg/g	0.02	1	0.04	0.07	0.06
Uranium	µg/g	0.002	23	0.43	0.46	0.54
Vanadium	µg/g	3	86	17	19	16
Zinc	µg/g	0.7	340	18	26	20
Water Soluble Boron	µg/g	0.5	1.5	< 0.5	< 0.5	< 0.5
Other (ORP)						
Mercury	ug/g	0.05	0.27	< 0.05	< 0.05	< 0.05
Sodium Adsorption Ratio	No unit	0.2	5	0.3	< 0.2	3.1
SAR Calcium	mg/L	0.2		29.4	27.2	9.1
SAR Magnesium	mg/L	0.3		0.6	0.4	0.4
SAR Sodium	mg/L	0.1		6.1	2.8	35.5
Conductivity	mS/cm	0.002	0.7	0.15	0.13	0.19
pH	pH Units	0.05		7.67	7.61	7.90
Chromium VI	µg/g	0.2	8	< 0.2	< 0.2	< 0.2
Free Cyanide	µg/g	0.05	0.051	< 0.05	< 0.05	< 0.05

Client: Englobe Corp
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Project Manager: Prakash Patel
Samplers: N/A

MATRIX: SOIL

L1 = REG153 / SOIL / COARSE - TABLE 2 - Residential/Parkland - UNDEFINED

Sample Number				42	43	44
Sample Name				DUP#2	DUP#3	DUP#4
Sample Matrix				Soil	Soil	Soil
Sample Date				18/06/2024	19/06/2024	19/06/2024
Parameter	**Units**	**RL**	**L1**	**Result**	**Result**	**Result**
PAHs						
Acenaphthene	µg/g	0.05	7.9	< 0.05	< 0.05	< 0.05
Acenaphthylene	µg/g	0.05	0.15	< 0.05	< 0.05	< 0.05
Anthracene	µg/g	0.05	0.67	< 0.05	< 0.05	< 0.05
Benzo(a)anthracene	µg/g	0.05	0.5	< 0.05	< 0.05	< 0.05
Benzo(a)pyrene	µg/g	0.05	0.3	< 0.05	< 0.05	< 0.05
Benzo(b+j)fluoranthene	µg/g	0.05	0.78	< 0.05	< 0.05	< 0.05
Benzo(ghi)perylene	µg/g	0.1	6.6	< 0.1	< 0.1	< 0.1
Benzo(k)fluoranthene	µg/g	0.05	0.78	< 0.05	< 0.05	< 0.05
Chrysene	µg/g	0.05	7	< 0.05	< 0.05	< 0.05
Dibenzo(a,h)anthracene	µg/g	0.06	0.1	< 0.06	< 0.06	< 0.06
Fluoranthene	µg/g	0.05	0.69	< 0.05	< 0.05	< 0.05
Fluorene	µg/g	0.05	62	< 0.05	< 0.05	< 0.05
Indeno(1,2,3-cd)pyrene	µg/g	0.1	0.38	< 0.1	< 0.1	< 0.1
1-Methylnaphthalene	µg/g	0.05		< 0.05	< 0.05	< 0.05
2-Methylnaphthalene	µg/g	0.05		< 0.05	< 0.05	< 0.05
Methylnaphthalene, 2-(1-)	µg/g	0.05	0.99	< 0.05	< 0.05	< 0.05
Naphthalene	µg/g	0.05	0.6	< 0.05	< 0.05	< 0.05
Phenanthrene	µg/g	0.05	6.2	< 0.05	< 0.05	< 0.05
Pyrene	µg/g	0.05	78	< 0.05	< 0.05	< 0.05

Client: Englobe Corp
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Samplers: N/A

MATRIX: SOIL

L1 = REG153 / SOIL / COARSE - TABLE 2 - Residential/Parkland - UNDEFINED

	Sample Number			42	43	44
	Sample Name			DUP#2	DUP#3	DUP#4
	Sample Matrix			Soil	Soil	Soil
	Sample Date			18/06/2024	19/06/2024	19/06/2024
Parameter	**Units**	**RL**	**L1**	**Result**	**Result**	**Result**
PCBs						
Polychlorinated Biphenyls (PCBs) - Total	µg/g	0.3	0.35	< 0.3	< 0.3	< 0.3
PHCs						
F1 (C6-C10)	µg/g	10	55	< 10	< 10	< 10
F1-BTEX (C6-C10)	µg/g	10	55	< 10	< 10	< 10
F2 (C10-C16)	µg/g	10	98	< 10	< 10	< 10
F3 (C16-C34)	µg/g	50	300	< 50	< 50	< 50
F4 (C34-C50)	µg/g	50	2800	< 50	< 50	< 50
Chromatogram returned to baseline at nC50	Yes / No	no		YES	YES	YES
THMs (VOC)						
Bromodichloromethane	µg/g	0.05	1.5	< 0.05	< 0.05	< 0.05
Bromoform	µg/g	0.05	0.27	< 0.05	< 0.05	< 0.05
Dibromochloromethane	µg/g	0.05	2.3	< 0.05	< 0.05	< 0.05

Client: Englobe Corp
Project: 02310769.004, Uxbridge
Project Manager: Prakash Patel
Samplers: N/A

MATRIX: SOIL

L1 = REG153 / SOIL / COARSE - TABLE 2 - Residential/Parkland - UNDEFINED

				Sample Number	42	43	44
				Sample Name	DUP#2	DUP#3	DUP#4
				Sample Matrix	Soil	Soil	Soil
				Sample Date	18/06/2024	19/06/2024	19/06/2024
Parameter		**Units**	**RL**	**L1**	**Result**	**Result**	**Result**
VOC Surrogates							
Surr 1,2-Dichloroethane-d4		Surr Rec %	no		110	110	106
Surr 4-Bromofluorobenzene		Surr Rec %	no		92	92	92
Surr 2-Bromo-1-Chloropropane		Surr Rec %	no		89	89	90
VOCs							
Acetone		µg/g	0.5	16	< 0.5	< 0.5	< 0.5
Bromomethane		µg/g	0.05	0.05	< 0.05	< 0.05	< 0.05
Carbon tetrachloride		µg/g	0.05	0.05	< 0.05	< 0.05	< 0.05
Chlorobenzene		µg/g	0.05	2.4	< 0.05	< 0.05	< 0.05
1,2-Dichlorobenzene		µg/g	0.05	1.2	< 0.05	< 0.05	< 0.05
1,3-Dichlorobenzene		µg/g	0.05	4.8	< 0.05	< 0.05	< 0.05
1,4-Dichlorobenzene		µg/g	0.05	0.083	< 0.05	< 0.05	< 0.05
Dichlorodifluoromethane		µg/g	0.05	16	< 0.05	< 0.05	< 0.05
1,1-Dichloroethane		µg/g	0.05	0.47	< 0.05	< 0.05	< 0.05
1,2-Dichloroethane		µg/g	0.05	0.05	< 0.05	< 0.05	< 0.05
1,1-Dichloroethylene		µg/g	0.05	0.05	< 0.05	< 0.05	< 0.05
trans-1,2-Dichloroethylene		µg/g	0.05	0.084	< 0.05	< 0.05	< 0.05
cis-1,2-Dichloroethylene		µg/g	0.05	1.9	< 0.05	< 0.05	< 0.05
1,2-Dichloropropane		µg/g	0.05	0.05	< 0.05	< 0.05	< 0.05
cis-1,3-dichloropropene		µg/g	0.03		< 0.03	< 0.03	< 0.03
trans-1,3-dichloropropene		µg/g	0.03		< 0.03	< 0.03	< 0.03
1,3-dichloropropene (total)		µg/g	0.05	0.05	< 0.05	< 0.05	< 0.05
Ethylenedibromide		µg/g	0.05	0.05	< 0.05	< 0.05	< 0.05

Client: Englobe Corp
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Project Manager: Prakash Patel
Samplers: N/A

MATRIX: SOIL

L1 = REG153 / SOIL / COARSE - TABLE 2 - Residential/Parkland - UNDEFINED

	Sample Number			42	43	44
	Sample Name			DUP#2	DUP#3	DUP#4
	Sample Matrix			Soil	Soil	Soil
	Sample Date			18/06/2024	19/06/2024	19/06/2024
Parameter	**Units**	**RL**	**L1**	**Result**	**Result**	**Result**
VOCs (continued)						
n-Hexane	µg/g	0.05	2.8	< 0.05	< 0.05	< 0.05
Methyl ethyl ketone	µg/g	0.5	16	< 0.5	< 0.5	< 0.5
Methyl isobutyl ketone	µg/g	0.5	1.7	< 0.5	< 0.5	< 0.5
Methyl-t-butyl Ether	µg/g	0.05	0.75	< 0.05	< 0.05	< 0.05
Methylene Chloride	µg/g	0.05	0.1	< 0.05	< 0.05	< 0.05
Styrene	µg/g	0.05	0.7	< 0.05	< 0.05	< 0.05
Tetrachloroethylene	µg/g	0.05	0.28	< 0.05	< 0.05	< 0.05
1,1,1,2-Tetrachloroethane	µg/g	0.05	0.058	< 0.05	< 0.05	< 0.05
1,1,2,2-Tetrachloroethane	µg/g	0.05	0.05	< 0.05	< 0.05	< 0.05
1,1,1-Trichloroethane	µg/g	0.05	0.38	< 0.05	< 0.05	< 0.05
1,1,2-Trichloroethane	µg/g	0.05	0.05	< 0.05	< 0.05	< 0.05
Trichloroethylene	µg/g	0.05	0.061	< 0.05	< 0.05	< 0.05
Trichlorofluoromethane	µg/g	0.05	4	< 0.05	< 0.05	< 0.05
Vinyl Chloride	µg/g	0.02	0.02	< 0.02	< 0.02	< 0.02
Chloroform	µg/g	0.05	0.05	< 0.05	< 0.05	< 0.05

EXCEEDANCE SUMMARY

Parameter	Method	Units	Result	REG153 / SOIL / COARSE - TABLE 2 - Residential/Parkland - UNDEFINED L1
BH 24-1/SS1				
Conductivity	EPA 6010/SM 2510	mS/cm	2.4	0.7
Sodium Adsorption Ratio	MOE 4696e01/EPA 6010	No unit	50.3	5
BH 24-1/SS5				
Sodium Adsorption Ratio	MOE 4696e01/EPA 6010	No unit	5.2	5
BH 24-2/SS2				
Conductivity	EPA 6010/SM 2510	mS/cm	8.0	0.7
Sodium Adsorption Ratio	MOE 4696e01/EPA 6010	No unit	110	5
BH 24-2/SS4				
Conductivity	EPA 6010/SM 2510	mS/cm	3.2	0.7
Sodium Adsorption Ratio	MOE 4696e01/EPA 6010	No unit	20.3	5
BH 24-3/SS1				
Sodium Adsorption Ratio	MOE 4696e01/EPA 6010	No unit	13.4	5
BH 24-3/SS4				
Conductivity	EPA 6010/SM 2510	mS/cm	2.0	0.7
Sodium Adsorption Ratio	MOE 4696e01/EPA 6010	No unit	14.0	5
BH 24-4/SS1				
Conductivity	EPA 6010/SM 2510	mS/cm	6.4	0.7
Sodium Adsorption Ratio	MOE 4696e01/EPA 6010	No unit	93.0	5
BH 24-4/SS5				
Conductivity	EPA 6010/SM 2510	mS/cm	2.2	0.7
Sodium Adsorption Ratio	MOE 4696e01/EPA 6010	No unit	29.9	5
BH 24-5/SS5				
Conductivity	EPA 6010/SM 2510	mS/cm	1.9	0.7
Sodium Adsorption Ratio	MOE 4696e01/EPA 6010	No unit	22.7	5
BH 24-6/SS2				
Conductivity	EPA 6010/SM 2510	mS/cm	4.2	0.7
Sodium Adsorption Ratio	MOE 4696e01/EPA 6010	No unit	62.6	5
BH 24-17/SS1				
Conductivity	EPA 6010/SM 2510	mS/cm	2.4	0.7
Sodium Adsorption Ratio	MOE 4696e01/EPA 6010	No unit	30.3	5

EXCEEDANCE SUMMARY

Parameter	Method	Units	Result	REG153 / SOIL / COARSE - TABLE 2 - Residential/Parkland - UNDEFINED L1
BH 24-17/SS2				
Conductivity	EPA 6010/SM 2510	mS/cm	2.2	0.7
Sodium Adsorption Ratio	MOE 4696e01/EPA 6010	No unit	15.3	5
BH 24-17/SS4				
Conductivity	EPA 6010/SM 2510	mS/cm	0.78	0.7
Sodium Adsorption Ratio	MOE 4696e01/EPA 6010	No unit	6.4	5
DUP#1				
Sodium Adsorption Ratio	MOE 4696e01/EPA 6010	No unit	13.7	5

QC SUMMARY

Conductivity

Method: EPA 6010/SM 2510 I Internal ref.: ME-CA-IENVIEWL-LAK-AN-006

Parameter	QC batch Reference	Units	RL	Method Blank	Duplicate		LCS/Spike Blank			Matrix Spike / Ref.		
					RPD	AC (%)	Spike Recovery (%)	Recovery Limits (%)		Spike Recovery (%)	Recovery Limits (%)	
								Low	High		Low	High
Conductivity	EWL0592-JUN24	mS/cm	0.002	<0.002	0	10	98	90	110	NA		

Cyanide by SFA

Method: SM 4500 I Internal ref.: ME-CA-IENVISFA-LAK-AN-005

Parameter	QC batch Reference	Units	RL	Method Blank	Duplicate		LCS/Spike Blank			Matrix Spike / Ref.		
					RPD	AC (%)	Spike Recovery (%)	Recovery Limits (%)		Spike Recovery (%)	Recovery Limits (%)	
								Low	High		Low	High
Free Cyanide	SKA5092-JUN24	µg/g	0.05	<0.05	ND	20	100	80	120	94	75	125

Hexavalent Chromium by SFA

Method: EPA218.6/EPA3060A I Internal ref.: ME-CA-IENVISKA-LAK-AN-012

Parameter	QC batch Reference	Units	RL	Method Blank	Duplicate		LCS/Spike Blank			Matrix Spike / Ref.		
					RPD	AC (%)	Spike Recovery (%)	Recovery Limits (%)		Spike Recovery (%)	Recovery Limits (%)	
								Low	High		Low	High
Chromium VI	SKA5087-JUN24	ug/g	0.2	<0.2	ND	20	83	80	120	80	75	125
Chromium VI	SKA5088-JUN24	ug/g	0.2	<0.2	ND	20	85	80	120	79	75	125

QC SUMMARY

Mercury by CVAAS

Method: EPA 7471A/EPA 245 | Internal ref.: ME-CA-IENVISPE-LAK-AN-004

Parameter	QC batch Reference	Units	RL	Method Blank	Duplicate		LCS/Spike Blank			Matrix Spike / Ref.		
					RPD	AC (%)	Spike Recovery (%)	Recovery Limits (%)		Spike Recovery (%)	Recovery Limits (%)	
								Low	High		Low	High
Mercury	EMS0218-JUN24	ug/g	0.05	<0.05	ND	20	105	80	120	103	70	130

Metals in aqueous samples - ICP-OES

Method: MOE 4696e01/EPA 6010 | Internal ref.: ME-CA-IENVISPE-LAK-AN-003

Parameter	QC batch Reference	Units	RL	Method Blank	Duplicate		LCS/Spike Blank			Matrix Spike / Ref.		
					RPD	AC (%)	Spike Recovery (%)	Recovery Limits (%)		Spike Recovery (%)	Recovery Limits (%)	
								Low	High		Low	High
SAR Calcium	ESG0049-JUN24	mg/L	0.2	<0.2	2	20	110	80	120	101	70	130
SAR Magnesium	ESG0049-JUN24	mg/L	0.3	<0.3	1	20	107	80	120	102	70	130
SAR Sodium	ESG0049-JUN24	mg/L	0.1	<0.1	9	20	106	80	120	104	70	130

QC SUMMARY

Metals in Soil - Aqua-regia/ICP-MS

Method: EPA 3050/EPA 200.8 | Internal ref.: ME-CA-[ENVISPE-LAK-AN-005

Parameter	QC batch Reference	Units	RL	Method Blank	Duplicate		LCS/Spike Blank			Matrix Spike / Ref.		
					RPD	AC (%)	Spike Recovery (%)	Recovery Limits (%)		Spike Recovery (%)	Recovery Limits (%)	
								Low	High		Low	High
Silver	EMS0218-JUN24	ug/g	0.05	<0.05	ND	20	102	70	130	104	70	130
Arsenic	EMS0218-JUN24	µg/g	0.5	<0.5	1	20	102	70	130	99	70	130
Barium	EMS0218-JUN24	ug/g	0.1	<0.1	7	20	102	70	130	108	70	130
Beryllium	EMS0218-JUN24	µg/g	0.02	<0.02	9	20	99	70	130	107	70	130
Boron	EMS0218-JUN24	µg/g	1	<1	10	20	102	70	130	98	70	130
Cadmium	EMS0218-JUN24	ug/g	0.05	<0.05	13	20	102	70	130	115	70	130
Cobalt	EMS0218-JUN24	µg/g	0.01	<0.01	10	20	105	70	130	107	70	130
Chromium	EMS0218-JUN24	µg/g	0.5	<0.5	5	20	100	70	130	97	70	130
Copper	EMS0218-JUN24	µg/g	0.1	<0.1	9	20	101	70	130	106	70	130
Molybdenum	EMS0218-JUN24	µg/g	0.1	<0.1	15	20	103	70	130	110	70	130
Nickel	EMS0218-JUN24	ug/g	0.5	<0.5	12	20	109	70	130	106	70	130
Lead	EMS0218-JUN24	µg/g	0.1	<0.1	13	20	100	70	130	113	70	130
Antimony	EMS0218-JUN24	µg/g	0.8	<0.8	ND	20	96	70	130	85	70	130
Selenium	EMS0218-JUN24	ug/g	0.1	<0.1	11	20	108	70	130	106	70	130
Thallium	EMS0218-JUN24	µg/g	0.02	<0.02	15	20	NV	70	130	118	70	130
Uranium	EMS0218-JUN24	µg/g	0.002	<0.002	9	20	100	70	130	96	70	130
Vanadium	EMS0218-JUN24	µg/g	3	<3	11	20	107	70	130	99	70	130
Zinc	EMS0218-JUN24	µg/g	0.7	<0.7	11	20	108	70	130	111	70	130

QC SUMMARY

Petroleum Hydrocarbons (F1)

Method: CCME Tier 1 | Internal ref.: ME-CA-[ENV]GC-LAK-AN-010

Parameter	QC batch Reference	Units	RL	Method Blank	Duplicate		LCS/Spike Blank			Matrix Spike / Ref.		
					RPD	AC (%)	Spike Recovery (%)	Recovery Limits (%)		Spike Recovery (%)	Recovery Limits (%)	
								Low	High		Low	High
F1 (C6-C10)	GCM0350-JUN24	µg/g	10	<10	ND	30	97	80	120	94	60	140
F1 (C6-C10)	GCM0383-JUN24	µg/g	10	<10	ND	30	96	80	120	97	60	140
F1 (C6-C10)	GCM0393-JUN24	µg/g	10	<10	ND	30	103	80	120	89	60	140
F1 (C6-C10)	GCM0405-JUN24	µg/g	10	<10	ND	30	89	80	120	93	60	140

QC SUMMARY

Petroleum Hydrocarbons (F2-F4)

Method: CCME Tier 1 I Internal ref.: ME-CA-[ENVIGC-LAK-AN-010

Parameter	QC batch Reference	Units	RL	Method Blank	Duplicate		LCS/Spike Blank			Matrix Spike / Ref.		
					RPD	AC (%)	Spike Recovery (%)	Recovery Limits (%)		Spike Recovery (%)	Recovery Limits (%)	
								Low	High		Low	High
F2 (C10-C16)	GCM0369-JUN24	µg/g	10	<10	ND	30	104	80	120	108	60	140
F3 (C16-C34)	GCM0369-JUN24	µg/g	50	<50	ND	30	104	80	120	108	60	140
F4 (C34-C50)	GCM0369-JUN24	µg/g	50	<50	ND	30	104	80	120	108	60	140
F2 (C10-C16)	GCM0387-JUN24	µg/g	10	<10	ND	30	116	80	120	113	60	140
F3 (C16-C34)	GCM0387-JUN24	µg/g	50	<50	ND	30	116	80	120	113	60	140
F4 (C34-C50)	GCM0387-JUN24	µg/g	50	<50	ND	30	116	80	120	113	60	140
F2 (C10-C16)	GCM0402-JUN24	µg/g	10	<10	ND	30	116	80	120	91	60	140
F3 (C16-C34)	GCM0402-JUN24	µg/g	50	<50	ND	30	116	80	120	91	60	140
F4 (C34-C50)	GCM0402-JUN24	µg/g	50	<50	ND	30	116	80	120	91	60	140

Petroleum Hydrocarbons (F4G)

Method: CCME Tier 1 I Internal ref.: ME-CA-[ENVIGC-LAK-AN-010

Parameter	QC batch Reference	Units	RL	Method Blank	Duplicate		LCS/Spike Blank			Matrix Spike / Ref.		
					RPD	AC (%)	Spike Recovery (%)	Recovery Limits (%)		Spike Recovery (%)	Recovery Limits (%)	
								Low	High		Low	High
CCME F4G-sg (GHH)	GCM0415-JUN24	ug/g	200	<200	NA	30	98	80	120	NA	60	140

QC SUMMARY

pH

Method: SM 4500 I Internal ref.: ME-CA-[ENV]EWL-LAK-AN-001

Parameter	QC batch Reference	Units	RL	Method Blank	Duplicate		LCS/Spike Blank			Matrix Spike / Ref.		
					RPD	AC (%)	Spike Recovery (%)	Recovery Limits (%)		Spike Recovery (%)	Recovery Limits (%)	
								Low	High		Low	High
pH	ARD0125-JUN24	pH Units	0.05		0	20	100	80	120			

Polychlorinated Biphenyls

Method: EPA 3570/8082A/8270C I Internal ref.: ME-CA-[ENV]GC-LAK-AN-001

Parameter	QC batch Reference	Units	RL	Method Blank	Duplicate		LCS/Spike Blank			Matrix Spike / Ref.		
					RPD	AC (%)	Spike Recovery (%)	Recovery Limits (%)		Spike Recovery (%)	Recovery Limits (%)	
								Low	High		Low	High
Polychlorinated Biphenyls (PCBs) - Total	GCM0351-JUN24	µg/g	0.3	< 0.3	ND	40	91	60	140	91	60	140
Polychlorinated Biphenyls (PCBs) - Total	GCM0388-JUN24	µg/g	0.3	< 0.3	ND	40	96	60	140	100	60	140

QC SUMMARY

Semi-Volatile Organics

Method: EPA 3541/8270D | Internal ref.: ME-CA-[ENVIGC-LAK-AN-005

Parameter	QC batch Reference	Units	RL	Method Blank	Duplicate		LCS/Spike Blank			Matrix Spike / Ref.		
					RPD	AC (%)	Spike Recovery (%)	Recovery Limits (%)		Spike Recovery (%)	Recovery Limits (%)	
								Low	High		Low	High
1-Methylnaphthalene	GCM0371-JUN24	µg/g	0.05	< 0.05	ND	40	93	50	140	88	50	140
2-Methylnaphthalene	GCM0371-JUN24	µg/g	0.05	< 0.05	ND	40	93	50	140	88	50	140
Acenaphthene	GCM0371-JUN24	µg/g	0.05	< 0.05	ND	40	100	50	140	94	50	140
Acenaphthylene	GCM0371-JUN24	µg/g	0.05	< 0.05	ND	40	95	50	140	89	50	140
Anthracene	GCM0371-JUN24	µg/g	0.05	< 0.05	ND	40	92	50	140	87	50	140
Benzo(a)anthracene	GCM0371-JUN24	µg/g	0.05	< 0.05	ND	40	97	50	140	92	50	140
Benzo(a)pyrene	GCM0371-JUN24	µg/g	0.05	< 0.05	ND	40	93	50	140	88	50	140
Benzo(b+j)fluoranthene	GCM0371-JUN24	µg/g	0.05	< 0.05	ND	40	95	50	140	89	50	140
Benzo(ghi)perylene	GCM0371-JUN24	µg/g	0.1	< 0.1	ND	40	100	50	140	88	50	140
Benzo(k)fluoranthene	GCM0371-JUN24	µg/g	0.05	< 0.05	ND	40	95	50	140	90	50	140
Chrysene	GCM0371-JUN24	µg/g	0.05	< 0.05	ND	40	95	50	140	89	50	140
Dibenzo(a,h)anthracene	GCM0371-JUN24	µg/g	0.06	< 0.06	ND	40	88	50	140	84	50	140
Fluoranthene	GCM0371-JUN24	µg/g	0.05	< 0.05	ND	40	91	50	140	87	50	140
Fluorene	GCM0371-JUN24	µg/g	0.05	< 0.05	ND	40	93	50	140	88	50	140
Indeno(1,2,3-cd)pyrene	GCM0371-JUN24	µg/g	0.1	< 0.1	ND	40	89	50	140	85	50	140
Naphthalene	GCM0371-JUN24	µg/g	0.05	< 0.05	ND	40	96	50	140	90	50	140
Phenanthrene	GCM0371-JUN24	µg/g	0.05	< 0.05	ND	40	93	50	140	88	50	140
Pyrene	GCM0371-JUN24	µg/g	0.05	< 0.05	ND	40	92	50	140	84	50	140
1-Methylnaphthalene	GCM0375-JUN24	µg/g	0.05	< 0.05	ND	40	90	50	140	74	50	140
2-Methylnaphthalene	GCM0375-JUN24	µg/g	0.05	< 0.05	ND	40	90	50	140	75	50	140

QC SUMMARY

Semi-Volatile Organics (continued)

Method: EPA 3541/8270D | Internal ref.: ME-CA-[ENVIGC-LAK-AN-005

Parameter	QC batch Reference	Units	RL	Method Blank	Duplicate		LCS/Spike Blank			Matrix Spike / Ref.		
					RPD	AC (%)	Spike Recovery (%)	Recovery Limits (%)		Spike Recovery (%)	Recovery Limits (%)	
								Low	High		Low	High
Acenaphthene	GCM0375-JUN24	µg/g	0.05	< 0.05	ND	40	92	50	140	77	50	140
Acenaphthylene	GCM0375-JUN24	µg/g	0.05	< 0.05	ND	40	85	50	140	71	50	140
Anthracene	GCM0375-JUN24	µg/g	0.05	< 0.05	ND	40	86	50	140	71	50	140
Benzo(a)anthracene	GCM0375-JUN24	µg/g	0.05	< 0.05	ND	40	85	50	140	70	50	140
Benzo(a)pyrene	GCM0375-JUN24	µg/g	0.05	< 0.05	ND	40	87	50	140	73	50	140
Benzo(b+j)fluoranthene	GCM0375-JUN24	µg/g	0.05	< 0.05	ND	40	92	50	140	75	50	140
Benzo(ghi)perylene	GCM0375-JUN24	µg/g	0.1	< 0.1	ND	40	82	50	140	65	50	140
Benzo(k)fluoranthene	GCM0375-JUN24	µg/g	0.05	< 0.05	ND	40	91	50	140	76	50	140
Chrysene	GCM0375-JUN24	µg/g	0.05	< 0.05	ND	40	84	50	140	69	50	140
Dibenzo(a,h)anthracene	GCM0375-JUN24	µg/g	0.06	< 0.06	ND	40	84	50	140	70	50	140
Fluoranthene	GCM0375-JUN24	µg/g	0.05	< 0.05	ND	40	88	50	140	72	50	140
Fluorene	GCM0375-JUN24	µg/g	0.05	< 0.05	ND	40	90	50	140	75	50	140
Indeno(1,2,3-cd)pyrene	GCM0375-JUN24	µg/g	0.1	< 0.1	ND	40	83	50	140	66	50	140
Naphthalene	GCM0375-JUN24	µg/g	0.05	< 0.05	ND	40	88	50	140	73	50	140
Phenanthrene	GCM0375-JUN24	µg/g	0.05	< 0.05	ND	40	88	50	140	72	50	140
Pyrene	GCM0375-JUN24	µg/g	0.05	< 0.05	ND	40	85	50	140	70	50	140

QC SUMMARY

Volatile Organics

Method: EPA 5035A/5030B/8260C | Internal ref.: ME-CA-IENVIGC-LAK-AN-004

Parameter	QC batch Reference	Units	RL	Method Blank	Duplicate		LCS/Spike Blank			Matrix Spike / Ref.		
					RPD	AC (%)	Spike Recovery (%)	Recovery Limits (%)		Spike Recovery (%)	Recovery Limits (%)	
								Low	High		Low	High
1,1,1,2-Tetrachloroethane	GCM0349-JUN24	µg/g	0.05	< 0.05	ND	50	103	60	130	108	50	140
1,1,1-Trichloroethane	GCM0349-JUN24	µg/g	0.05	< 0.05	ND	50	98	60	130	106	50	140
1,1,2,2-Tetrachloroethane	GCM0349-JUN24	µg/g	0.05	< 0.05	ND	50	97	60	130	6	50	140
1,1,2-Trichloroethane	GCM0349-JUN24	µg/g	0.05	< 0.05	ND	50	99	60	130	103	50	140
1,1-Dichloroethane	GCM0349-JUN24	µg/g	0.05	< 0.05	ND	50	100	60	130	103	50	140
1,1-Dichloroethylene	GCM0349-JUN24	µg/g	0.05	< 0.05	ND	50	100	60	130	106	50	140
1,2-Dichlorobenzene	GCM0349-JUN24	µg/g	0.05	< 0.05	ND	50	100	60	130	107	50	140
1,2-Dichloroethane	GCM0349-JUN24	µg/g	0.05	< 0.05	ND	50	99	60	130	104	50	140
1,2-Dichloropropane	GCM0349-JUN24	µg/g	0.05	< 0.05	ND	50	100	60	130	101	50	140
1,3-Dichlorobenzene	GCM0349-JUN24	µg/g	0.05	< 0.05	ND	50	99	60	130	106	50	140
1,4-Dichlorobenzene	GCM0349-JUN24	µg/g	0.05	< 0.05	ND	50	100	60	130	106	50	140
Acetone	GCM0349-JUN24	µg/g	0.5	< 0.5	ND	50	104	50	140	110	50	140
Benzene	GCM0349-JUN24	µg/g	0.02	< 0.02	ND	50	100	60	130	103	50	140
Bromodichloromethane	GCM0349-JUN24	µg/g	0.05	< 0.05	ND	50	100	60	130	103	50	140
Bromoform	GCM0349-JUN24	µg/g	0.05	< 0.05	ND	50	100	60	130	102	50	140
Bromomethane	GCM0349-JUN24	µg/g	0.05	< 0.05	ND	50	83	50	140	77	50	140
Carbon tetrachloride	GCM0349-JUN24	µg/g	0.05	< 0.05	ND	50	102	60	130	109	50	140
Chlorobenzene	GCM0349-JUN24	µg/g	0.05	< 0.05	ND	50	97	60	130	101	50	140
Chloroform	GCM0349-JUN24	µg/g	0.05	< 0.05	ND	50	100	60	130	106	50	140
cis-1,2-Dichloroethylene	GCM0349-JUN24	µg/g	0.05	< 0.05	ND	50	100	60	130	102	50	140

QC SUMMARY

Volatile Organics (continued)

Method: EPA 5035A/5030B/8260C | Internal ref.: ME-CA-IENVIGC-LAK-AN-004

Parameter	QC batch Reference	Units	RL	Method Blank	Duplicate		LCS/Spike Blank			Matrix Spike / Ref.		
					RPD	AC (%)	Spike Recovery (%)	Recovery Limits (%)		Spike Recovery (%)	Recovery Limits (%)	
								Low	High		Low	High
cis-1,3-dichloropropene	GCM0349-JUN24	µg/g	0.03	< 0.03	ND	50	103	60	130	99	50	140
Dibromochloromethane	GCM0349-JUN24	µg/g	0.05	< 0.05	ND	50	102	60	130	104	50	140
Dichlorodifluoromethane	GCM0349-JUN24	µg/g	0.05	< 0.05	ND	50	68	50	140	64	50	140
Ethylbenzene	GCM0349-JUN24	µg/g	0.05	< 0.05	ND	50	100	60	130	105	50	140
Ethylenedibromide	GCM0349-JUN24	µg/g	0.05	< 0.05	ND	50	101	60	130	104	50	140
n-Hexane	GCM0349-JUN24	µg/g	0.05	< 0.05	ND	50	88	60	130	87	50	140
m/p-xylene	GCM0349-JUN24	µg/g	0.05	< 0.05	ND	50	99	60	130	104	50	140
Methyl ethyl ketone	GCM0349-JUN24	µg/g	0.5	< 0.5	ND	50	104	50	140	105	50	140
Methyl isobutyl ketone	GCM0349-JUN24	µg/g	0.5	< 0.5	ND	50	108	50	140	111	50	140
Methyl-t-butyl Ether	GCM0349-JUN24	µg/g	0.05	< 0.05	ND	50	107	60	130	113	50	140
Methylene Chloride	GCM0349-JUN24	µg/g	0.05	< 0.05	ND	50	99	60	130	103	50	140
o-xylene	GCM0349-JUN24	µg/g	0.05	< 0.05	ND	50	99	60	130	103	50	140
Styrene	GCM0349-JUN24	µg/g	0.05	< 0.05	ND	50	101	60	130	105	50	140
Tetrachloroethylene	GCM0349-JUN24	µg/g	0.05	< 0.05	ND	50	99	60	130	105	50	140
Toluene	GCM0349-JUN24	µg/g	0.05	< 0.05	ND	50	99	60	130	103	50	140
trans-1,2-Dichloroethylene	GCM0349-JUN24	µg/g	0.05	< 0.05	ND	50	101	60	130	104	50	140
trans-1,3-dichloropropene	GCM0349-JUN24	µg/g	0.03	< 0.03	ND	50	101	60	130	99	50	140
Trichloroethylene	GCM0349-JUN24	µg/g	0.05	< 0.05	ND	50	102	60	130	168	50	140
Trichlorofluoromethane	GCM0349-JUN24	µg/g	0.05	< 0.05	ND	50	97	50	140	117	50	140
Vinyl Chloride	GCM0349-JUN24	µg/g	0.02	< 0.02	ND	50	90	50	140	84	50	140

QC SUMMARY

Volatile Organics (continued)

Method: EPA 5035A/5030B/8260C | Internal ref.: ME-CA-IENVIGC-LAK-AN-004

Parameter	QC batch Reference	Units	RL	Method Blank	Duplicate		LCS/Spike Blank			Matrix Spike / Ref.		
					RPD	AC (%)	Spike Recovery (%)	Recovery Limits (%)		Spike Recovery (%)	Recovery Limits (%)	
								Low	High		Low	High
1,1,1,2-Tetrachloroethane	GCM0382-JUN24	µg/g	0.05	< 0.05	ND	50	98	60	130	84	50	140
1,1,1-Trichloroethane	GCM0382-JUN24	µg/g	0.05	< 0.05	ND	50	97	60	130	87	50	140
1,1,2,2-Tetrachloroethane	GCM0382-JUN24	µg/g	0.05	< 0.05	ND	50	102	60	130	74	50	140
1,1,2-Trichloroethane	GCM0382-JUN24	µg/g	0.05	< 0.05	ND	50	100	60	130	85	50	140
1,1-Dichloroethane	GCM0382-JUN24	µg/g	0.05	< 0.05	ND	50	98	60	130	86	50	140
1,1-Dichloroethylene	GCM0382-JUN24	µg/g	0.05	< 0.05	ND	50	97	60	130	85	50	140
1,2-Dichlorobenzene	GCM0382-JUN24	µg/g	0.05	< 0.05	ND	50	101	60	130	85	50	140
1,2-Dichloroethane	GCM0382-JUN24	µg/g	0.05	< 0.05	ND	50	98	60	130	89	50	140
1,2-Dichloropropane	GCM0382-JUN24	µg/g	0.05	< 0.05	ND	50	98	60	130	83	50	140
1,3-Dichlorobenzene	GCM0382-JUN24	µg/g	0.05	< 0.05	ND	50	100	60	130	84	50	140
1,4-Dichlorobenzene	GCM0382-JUN24	µg/g	0.05	< 0.05	ND	50	101	60	130	84	50	140
Acetone	GCM0382-JUN24	µg/g	0.5	< 0.5	ND	50	100	50	140	91	50	140
Benzene	GCM0382-JUN24	µg/g	0.02	< 0.02	ND	50	99	60	130	85	50	140
Bromodichloromethane	GCM0382-JUN24	µg/g	0.05	< 0.05	ND	50	99	60	130	84	50	140
Bromoform	GCM0382-JUN24	µg/g	0.05	< 0.05	ND	50	101	60	130	78	50	140
Bromomethane	GCM0382-JUN24	µg/g	0.05	< 0.05	ND	50	103	50	140	81	50	140
Carbon tetrachloride	GCM0382-JUN24	µg/g	0.05	< 0.05	ND	50	99	60	130	88	50	140
Chlorobenzene	GCM0382-JUN24	µg/g	0.05	< 0.05	ND	50	102	60	130	84	50	140
Chloroform	GCM0382-JUN24	µg/g	0.05	< 0.05	ND	50	99	60	130	89	50	140
cis-1,2-Dichloroethylene	GCM0382-JUN24	µg/g	0.05	< 0.05	ND	50	98	60	130	82	50	140

QC SUMMARY

Volatile Organics (continued)

Method: EPA 5035A/5030B/8260C | Internal ref.: ME-CA-IENVIGC-LAK-AN-004

Parameter	QC batch Reference	Units	RL	Method Blank	Duplicate		LCS/Spike Blank			Matrix Spike / Ref.		
					RPD	AC (%)	Spike Recovery (%)	Recovery Limits (%)		Spike Recovery (%)	Recovery Limits (%)	
								Low	High		Low	High
cis-1,3-dichloropropene	GCM0382-JUN24	µg/g	0.03	< 0.03	ND	50	102	60	130	80	50	140
Dibromochloromethane	GCM0382-JUN24	µg/g	0.05	< 0.05	ND	50	102	60	130	83	50	140
Dichlorodifluoromethane	GCM0382-JUN24	µg/g	0.05	< 0.05	ND	50	102	50	140	53	50	140
Ethylbenzene	GCM0382-JUN24	µg/g	0.05	< 0.05	ND	50	96	60	130	84	50	140
Ethylenedibromide	GCM0382-JUN24	µg/g	0.05	< 0.05	ND	50	99	60	130	84	50	140
n-Hexane	GCM0382-JUN24	µg/g	0.05	< 0.05	ND	50	88	60	130	59	50	140
m/p-xylene	GCM0382-JUN24	µg/g	0.05	< 0.05	ND	50	97	60	130	84	50	140
Methyl ethyl ketone	GCM0382-JUN24	µg/g	0.5	< 0.5	ND	50	101	50	140	87	50	140
Methyl isobutyl ketone	GCM0382-JUN24	µg/g	0.5	< 0.5	ND	50	104	50	140	88	50	140
Methyl-t-butyl Ether	GCM0382-JUN24	µg/g	0.05	< 0.05	ND	50	101	60	130	91	50	140
Methylene Chloride	GCM0382-JUN24	µg/g	0.05	< 0.05	ND	50	96	60	130	86	50	140
o-xylene	GCM0382-JUN24	µg/g	0.05	< 0.05	ND	50	95	60	130	81	50	140
Styrene	GCM0382-JUN24	µg/g	0.05	< 0.05	ND	50	99	60	130	83	50	140
Tetrachloroethylene	GCM0382-JUN24	µg/g	0.05	< 0.05	ND	50	97	60	130	85	50	140
Toluene	GCM0382-JUN24	µg/g	0.05	< 0.05	ND	50	98	60	130	84	50	140
trans-1,2-Dichloroethylene	GCM0382-JUN24	µg/g	0.05	< 0.05	ND	50	97	60	130	86	50	140
trans-1,3-dichloropropene	GCM0382-JUN24	µg/g	0.03	< 0.03	ND	50	101	60	130	80	50	140
Trichloroethylene	GCM0382-JUN24	µg/g	0.05	< 0.05	ND	50	97	60	130	91	50	140
Trichlorofluoromethane	GCM0382-JUN24	µg/g	0.05	< 0.05	ND	50	99	50	140	95	50	140
Vinyl Chloride	GCM0382-JUN24	µg/g	0.02	< 0.02	ND	50	101	50	140	75	50	140

QC SUMMARY

Volatile Organics (continued)

Method: EPA 5035A/5030B/8260C | Internal ref.: ME-CA-IENVIGC-LAK-AN-004

Parameter	QC batch Reference	Units	RL	Method Blank	Duplicate		LCS/Spike Blank			Matrix Spike / Ref.		
					RPD	AC (%)	Spike Recovery (%)	Recovery Limits (%)		Spike Recovery (%)	Recovery Limits (%)	
								Low	High		Low	High
1,1,1,2-Tetrachloroethane	GCM0392-JUN24	µg/g	0.05	< 0.05	ND	50	103	60	130	98	50	140
1,1,1-Trichloroethane	GCM0392-JUN24	µg/g	0.05	< 0.05	ND	50	103	60	130	101	50	140
1,1,2,2-Tetrachloroethane	GCM0392-JUN24	µg/g	0.05	< 0.05	ND	50	103	60	130	6	50	140
1,1,2-Trichloroethane	GCM0392-JUN24	µg/g	0.05	< 0.05	ND	50	103	60	130	92	50	140
1,1-Dichloroethane	GCM0392-JUN24	µg/g	0.05	< 0.05	ND	50	104	60	130	99	50	140
1,1-Dichloroethylene	GCM0392-JUN24	µg/g	0.05	< 0.05	ND	50	105	60	130	103	50	140
1,2-Dichlorobenzene	GCM0392-JUN24	µg/g	0.05	< 0.05	ND	50	105	60	130	92	50	140
1,2-Dichloroethane	GCM0392-JUN24	µg/g	0.05	< 0.05	ND	50	102	60	130	97	50	140
1,2-Dichloropropane	GCM0392-JUN24	µg/g	0.05	< 0.05	ND	50	103	60	130	97	50	140
1,3-Dichlorobenzene	GCM0392-JUN24	µg/g	0.05	< 0.05	ND	50	104	60	130	93	50	140
1,4-Dichlorobenzene	GCM0392-JUN24	µg/g	0.05	< 0.05	ND	50	105	60	130	91	50	140
Acetone	GCM0392-JUN24	µg/g	0.5	< 0.5	ND	50	104	50	140	87	50	140
Benzene	GCM0392-JUN24	µg/g	0.02	< 0.02	ND	50	103	60	130	99	50	140
Bromodichloromethane	GCM0392-JUN24	µg/g	0.05	< 0.05	ND	50	104	60	130	99	50	140
Bromoform	GCM0392-JUN24	µg/g	0.05	< 0.05	ND	50	105	60	130	90	50	140
Bromomethane	GCM0392-JUN24	µg/g	0.05	< 0.05	ND	50	108	50	140	100	50	140
Carbon tetrachloride	GCM0392-JUN24	µg/g	0.05	< 0.05	ND	50	107	60	130	106	50	140
Chlorobenzene	GCM0392-JUN24	µg/g	0.05	< 0.05	ND	50	101	60	130	97	50	140
Chloroform	GCM0392-JUN24	µg/g	0.05	< 0.05	ND	50	104	60	130	101	50	140
cis-1,2-Dichloroethylene	GCM0392-JUN24	µg/g	0.05	< 0.05	ND	50	103	60	130	97	50	140

QC SUMMARY

Volatile Organics (continued)

Method: EPA 5035A/5030B/8260C | Internal ref.: ME-CA-IENVIGC-LAK-AN-004

Parameter	QC batch Reference	Units	RL	Method Blank	Duplicate		LCS/Spike Blank			Matrix Spike / Ref.		
					RPD	AC (%)	Spike Recovery (%)	Recovery Limits (%)		Spike Recovery (%)	Recovery Limits (%)	
								Low	High		Low	High
cis-1,3-dichloropropene	GCM0392-JUN24	µg/g	0.03	< 0.03	ND	50	107	60	130	97	50	140
Dibromochloromethane	GCM0392-JUN24	µg/g	0.05	< 0.05	ND	50	106	60	130	97	50	140
Dichlorodifluoromethane	GCM0392-JUN24	µg/g	0.05	< 0.05	ND	50	111	50	140	97	50	140
Ethylbenzene	GCM0392-JUN24	µg/g	0.05	< 0.05	ND	50	101	60	130	98	50	140
Ethylenedibromide	GCM0392-JUN24	µg/g	0.05	< 0.05	ND	50	103	60	130	93	50	140
n-Hexane	GCM0392-JUN24	µg/g	0.05	< 0.05	ND	50	100	60	130	96	50	140
m/p-xylene	GCM0392-JUN24	µg/g	0.05	< 0.05	ND	50	102	60	130	98	50	140
Methyl ethyl ketone	GCM0392-JUN24	µg/g	0.5	< 0.5	ND	50	105	50	140	86	50	140
Methyl isobutyl ketone	GCM0392-JUN24	µg/g	0.5	< 0.5	ND	50	109	50	140	92	50	140
Methyl-t-butyl Ether	GCM0392-JUN24	µg/g	0.05	< 0.05	ND	50	106	60	130	96	50	140
Methylene Chloride	GCM0392-JUN24	µg/g	0.05	< 0.05	ND	50	102	60	130	99	50	140
o-xylene	GCM0392-JUN24	µg/g	0.05	< 0.05	ND	50	100	60	130	95	50	140
Styrene	GCM0392-JUN24	µg/g	0.05	< 0.05	ND	50	103	60	130	95	50	140
Tetrachloroethylene	GCM0392-JUN24	µg/g	0.05	< 0.05	ND	50	103	60	130	100	50	140
Toluene	GCM0392-JUN24	µg/g	0.05	< 0.05	ND	50	102	60	130	98	50	140
trans-1,2-Dichloroethylene	GCM0392-JUN24	µg/g	0.05	< 0.05	ND	50	104	60	130	102	50	140
trans-1,3-dichloropropene	GCM0392-JUN24	µg/g	0.03	< 0.03	ND	50	104	60	130	93	50	140
Trichloroethylene	GCM0392-JUN24	µg/g	0.05	< 0.05	ND	50	104	60	130	149	50	140
Trichlorofluoromethane	GCM0392-JUN24	µg/g	0.05	< 0.05	ND	50	106	50	140	114	50	140
Vinyl Chloride	GCM0392-JUN24	µg/g	0.02	< 0.02	ND	50	109	50	140	97	50	140

QC SUMMARY

Volatile Organics (continued)

Method: EPA 5035A/5030B/8260C | Internal ref.: ME-CA-IENVIGC-LAK-AN-004

Parameter	QC batch Reference	Units	RL	Method Blank	Duplicate		LCS/Spike Blank			Matrix Spike / Ref.		
					RPD	AC (%)	Spike Recovery (%)	Recovery Limits (%)		Spike Recovery (%)	Recovery Limits (%)	
								Low	High		Low	High
1,1,1,2-Tetrachloroethane	GCM0404-JUN24	µg/g	0.05	< 0.05	ND	50	99	60	130	97	50	140
1,1,1-Trichloroethane	GCM0404-JUN24	µg/g	0.05	< 0.05	ND	50	99	60	130	99	50	140
1,1,2,2-Tetrachloroethane	GCM0404-JUN24	µg/g	0.05	< 0.05	ND	50	94	60	130	35	50	140
1,1,2-Trichloroethane	GCM0404-JUN24	µg/g	0.05	< 0.05	ND	50	99	60	130	101	50	140
1,1-Dichloroethane	GCM0404-JUN24	µg/g	0.05	< 0.05	ND	50	101	60	130	98	50	140
1,1-Dichloroethylene	GCM0404-JUN24	µg/g	0.05	< 0.05	ND	50	102	60	130	97	50	140
1,2-Dichlorobenzene	GCM0404-JUN24	µg/g	0.05	< 0.05	ND	50	101	60	130	101	50	140
1,2-Dichloroethane	GCM0404-JUN24	µg/g	0.05	< 0.05	ND	50	101	60	130	101	50	140
1,2-Dichloropropane	GCM0404-JUN24	µg/g	0.05	< 0.05	ND	50	100	60	130	95	50	140
1,3-Dichlorobenzene	GCM0404-JUN24	µg/g	0.05	< 0.05	ND	50	99	60	130	99	50	140
1,4-Dichlorobenzene	GCM0404-JUN24	µg/g	0.05	< 0.05	ND	50	100	60	130	99	50	140
Acetone	GCM0404-JUN24	µg/g	0.5	< 0.5	ND	50	106	50	140	114	50	140
Benzene	GCM0404-JUN24	µg/g	0.02	< 0.02	ND	50	100	60	130	98	50	140
Bromodichloromethane	GCM0404-JUN24	µg/g	0.05	< 0.05	ND	50	99	60	130	97	50	140
Bromoform	GCM0404-JUN24	µg/g	0.05	< 0.05	ND	50	100	60	130	101	50	140
Bromomethane	GCM0404-JUN24	µg/g	0.05	< 0.05	ND	50	106	50	140	99	50	140
Carbon tetrachloride	GCM0404-JUN24	µg/g	0.05	< 0.05	ND	50	102	60	130	100	50	140
Chlorobenzene	GCM0404-JUN24	µg/g	0.05	< 0.05	ND	50	98	60	130	98	50	140
Chloroform	GCM0404-JUN24	µg/g	0.05	< 0.05	ND	50	100	60	130	100	50	140
cis-1,2-Dichloroethylene	GCM0404-JUN24	µg/g	0.05	< 0.05	ND	50	99	60	130	95	50	140

QC SUMMARY

Volatile Organics (continued)

Method: EPA 5035A/5030B/8260C | Internal ref.: ME-CA-IENVIGC-LAK-AN-004

Parameter	QC batch Reference	Units	RL	Method Blank	Duplicate		LCS/Spike Blank			Matrix Spike / Ref.		
					RPD	AC (%)	Spike Recovery (%)	Recovery Limits (%)		Spike Recovery (%)	Recovery Limits (%)	
								Low	High		Low	High
cis-1,3-dichloropropene	GCM0404-JUN24	µg/g	0.03	< 0.03	ND	50	103	60	130	96	50	140
Dibromochloromethane	GCM0404-JUN24	µg/g	0.05	< 0.05	ND	50	101	60	130	102	50	140
Dichlorodifluoromethane	GCM0404-JUN24	µg/g	0.05	< 0.05	ND	50	95	50	140	95	50	140
Ethylbenzene	GCM0404-JUN24	µg/g	0.05	< 0.05	ND	50	98	60	130	95	50	140
Ethylenedibromide	GCM0404-JUN24	µg/g	0.05	< 0.05	ND	50	100	60	130	100	50	140
n-Hexane	GCM0404-JUN24	µg/g	0.05	< 0.05	ND	50	88	60	130	78	50	140
m/p-xylene	GCM0404-JUN24	µg/g	0.05	< 0.05	ND	50	98	60	130	95	50	140
Methyl ethyl ketone	GCM0404-JUN24	µg/g	0.5	< 0.5	ND	50	108	50	140	112	50	140
Methyl isobutyl ketone	GCM0404-JUN24	µg/g	0.5	< 0.5	ND	50	109	50	140	113	50	140
Methyl-t-butyl Ether	GCM0404-JUN24	µg/g	0.05	< 0.05	ND	50	105	60	130	107	50	140
Methylene Chloride	GCM0404-JUN24	µg/g	0.05	< 0.05	ND	50	100	60	130	98	50	140
o-xylene	GCM0404-JUN24	µg/g	0.05	< 0.05	ND	50	96	60	130	93	50	140
Styrene	GCM0404-JUN24	µg/g	0.05	< 0.05	ND	50	98	60	130	97	50	140
Tetrachloroethylene	GCM0404-JUN24	µg/g	0.05	< 0.05	ND	50	99	60	130	94	50	140
Toluene	GCM0404-JUN24	µg/g	0.05	< 0.05	ND	50	98	60	130	96	50	140
trans-1,2-Dichloroethylene	GCM0404-JUN24	µg/g	0.05	< 0.05	ND	50	100	60	130	97	50	140
trans-1,3-dichloropropene	GCM0404-JUN24	µg/g	0.03	< 0.03	ND	50	101	60	130	97	50	140
Trichloroethylene	GCM0404-JUN24	µg/g	0.05	< 0.05	ND	50	103	60	130	136	50	140
Trichlorofluoromethane	GCM0404-JUN24	µg/g	0.05	< 0.05	ND	50	97	50	140	107	50	140
Vinyl Chloride	GCM0404-JUN24	µg/g	0.02	< 0.02	ND	50	107	50	140	94	50	140

QC SUMMARY

Water Soluble Boron

Method: O.Reg. 15 3/04 | Internal ref.: ME-CA-[ENV] SPE-LAK-AN-003

Parameter	QC batch Reference	Units	RL	Method Blank	Duplicate		LCS/Spike Blank			Matrix Spike / Ref.		
					RPD	AC (%)	Spike Recovery (%)	Recovery Limits (%)		Spike Recovery (%)	Recovery Limits (%)	
								Low	High		Low	High
Water Soluble Boron	ESG0044-JUN24	µg/g	0.5	<0.5	ND	20	103	80	120	115	70	130

Method Blank: a blank matrix that is carried through the entire analytical procedure. Used to assess laboratory contamination.

Duplicate: Paired analysis of a separate portion of the same sample that is carried through the entire analytical procedure. Used to evaluate measurement precision.

LCS/Spike Blank: Laboratory control sample or spike blank refer to a blank matrix to which a known amount of analyte has been added. Used to evaluate analyte recovery and laboratory accuracy without sample matrix effects.

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

Reference Material: a material or substance matrix matched to the samples that contains a known amount of the analyte of interest. A reference material may be used in place of a matrix spike.

RL: Reporting limit

RPD: Relative percent difference

AC: Acceptance criteria

Multielement Scan Qualifier: as the number of analytes in a scan increases, so does the chance of a limit exceedance by random chance as opposed to a real method problem. Thus, in multielement scans, for the LCS and matrix spike, up to 10% of the analytes may exceed the quoted limits by up to 10% absolute and the spike is considered acceptable.

Duplicate Qualifier: for duplicates as the measured result approaches the RL, the uncertainty associated with the value increases dramatically, thus duplicate acceptance limits apply only where the average of the two duplicates is greater than five times the RL.

Matrix Spike Qualifier: for matrix spikes, as the concentration of the native analyte increases, the uncertainty of the matrix spike recovery increases. Thus, the matrix spike acceptance limits apply only when the concentration of the matrix spike is greater than or equal to the concentration of the native analyte.

LEGEND

FOOTNOTES

NSS	Insufficient sample for analysis.
RL	Reporting Limit.
↑	Reporting limit raised.
↓	Reporting limit lowered.
NA	The sample was not analysed for this analyte
ND	Non Detect

Results relate only to the sample tested.
Data reported represent the sample as submitted to SGS. Solid samples expressed on a dry weight basis.
"Temperature Upon Receipt" is representative of the whole shipment and may not reflect the temperature of individual samples.
Analysis conducted on samples submitted pursuant to or as part of Reg. 153/04, are in accordance to the "Protocol for Analytical Methods Used in the Assessment of Properties under Part XV.1 of the Environmental Protection Act and Excess Soil Quality" published by the Ministry and dated March 9, 2004 as amended.

SGS provides criteria information (such as regulatory or guideline limits and summary of limit exceedances) as a service. Every attempt is made to ensure the criteria information in this report is accurate and current, however, it is not guaranteed. Comparison to the most current criteria is the responsibility of the client and SGS assumes no responsibility for the accuracy of the criteria levels indicated.

SGS Canada Inc. statement of conformity decision rule does not consider uncertainty when analytical results are compared to a specified standard or regulation.

This report supersedes all previous versions.

-- End of Analytical Report --

Request for Laboratory Services and CHAIN OF CUSTODY

No: 039052

Page 1 of 3

SGS Industries & Environment - Lakefield: 185 Concession St., Lakefield, ON K0L 2H0 Phone: 705-652-2000 Fax: 705-652-6365 Web: www.sgs.com/environment
- London: 657 Consortium Court, London, ON, N6E 2S8 Phone: 519-672-4500 Toll Free: 877-848-8060 Fax: 519-672-0361

Laboratory Information Section - Lab use only

Received By: Daisy N
Received Date: 21/06/24 (mm/dd/yy)
Received Time: 11 : 19 (hr : min)
Received By (signature):
Custody Seal Present: Yes ☐ No ☑
Custody Seal Intact: Yes ☐ No ☐
Cooling Agent Present: Yes ☑ No ☐ Type: bagged ice
Temperature Upon Receipt (°C): see attached
CA - 40160 - JUN 24 NP
LAB LIMS #: 24T165243

REPORT INFORMATION

Company: Englobe
Contact: P-Patel
Address: 20 Carlson Ct.
Phone:
Fax:
Email: Pracash.Patel@Englobecorp.com

INVOICE INFORMATION

☑ (same as Report Information)
Company:
Contact:
Address:
Phone:
Email:

Quotation #:
P.O. #:
Project #: 02310769.004
Site Location/ID: Uxbridge

TURNAROUND TIME (TAT) REQUIRED

☑ Regular TAT (5-7days)
TAT's are quoted in business days (exclude statutory holidays & weekends).
Samples received after 6pm or on weekends: TAT begins next business day

RUSH TAT (Additional Charges May Apply): ☐ 1 Day ☐ 2 Days ☐ 3 Days ☐ 4 Days
PLEASE CONFIRM RUSH FEASIBILITY WITH SGS REPRESENTATIVE PRIOR TO SUBMISSION

Specify Due Date:
*NOTE: DRINKING (POTABLE) WATER SAMPLES FOR HUMAN CONSUMPTION MUST BE SUBMITTED WITH SGS DRINKING WATER CHAIN OF CUSTODY

REGULATIONS

☐ O.Reg 153/04 ☐ O.Reg 406/19
☑ Table 1 ☐ Res/Park Soil Texture: ☐ Coarse
☐ Table 2 ☑ Ind/Com ☐ Medium/Fine
☐ Table 3 ☐ Agri/Other
☐ Table ____ Appx. ____
Soil Volume ☐ <350m3 ☐ >350m3

Other Regulations: ☐ Reg 347/558 (3 Day min TAT) ☐ PWQO ☐ MMER ☐ CCME ☐ Other: ☐ MISA ☐ ODWS Not Reportable *See note

Sewer By-Law: ☐ Sanitary ☐ Storm Municipality:

RECORD OF SITE CONDITION (RSC) ☐ YES ☐ NO

ANALYSIS REQUESTED

	SAMPLE IDENTIFICATION	DATE SAMPLED	TIME SAMPLED	# OF BOTTLES	MATRIX	Field Filtered (Y/N)	M&I: Metals & Inorganics (incl CrVI, CN, Hg pH,(B(HWS),EC,SAR-soil) (Cl, Na-water)	M&I: Full Metals Suite (ICP metals plus B(HWS-soil only) Hg, CrVI	M&I: ICP Metals only Sb,As,Ba,Be,B,Cd, Cr,Co,Cu,Pb,Mo,Ni,Se,Ag,Tl,U,V,Zn	SVOC: PAHs only	SVOC: SVOCs all incl PAHs, ABNs, CPs	PCB: Arocolor ☐	PCB: PCBs Total ☑	PHC: F1-F4 + BTEX	PHC: F1-F4 only no BTEX	VOC: VOCs all incl BTEX	VOC: BTEX only	Pest: Pesticides Organochlorine or specify other	Other (please specify)					Sewer Use: Specify pkg:	Water Characterization Pkg: General ☐ Extended ☐	SPLP: Specify tests	TCLP: Specify tests	COMMENTS:
✓ 1	BH 24-1/SS 1	June 18/24	8:36	5	SOIL		✓			✓			✓	✓		✓											
✓ 2	BH 24-1/SS 5	"	8:36	5	Soil		✓			✓			✓	✓		✓											
✓ 3	BH 24-2/SS 2	June 17/24	11:30	5	Soil		✓			✓			✓	✓		✓											
✓ 4	BH 24-2/SS 4	"	11:30	2	Soil		✓			✓			✓														
✓ 5	BH 24-2/SS 5	"	11:30	3	Soil									✓		✓											
✓ 6	BH 24-3/SS 1	"		5	Soil		✓			✓			✓	✓		✓											
✓ 7	BH 24-3/SS 4	"		5	Soil		✓			✓			✓	✓		✓											
✓ 8	BH 24-4/SS 1	"		5	Soil		✓			✓			✓	✓		✓											
✓ 9	BH 24-4/SS 5	"		5	Soil		✓			✓			✓	✓		✓											
✓ 10	BH 24-5/SS 1	June 18/24	10:30	5	Soil		✓			✓			✓	✓		✓											
✓ 11	BH 24-5/SS 5	"	10:30	5	Soil		✓			✓			✓	✓		✓											
✓ 12	BH 24-6/SS 2	"	10:30	5	Soil		✓			✓			✓	✓		✓											

Observations/Comments/Special Instructions

Sampled By (NAME): Bob Racher
Signature: R. Racher.
Date: 06/21/24 (mm/dd/yy)

Relinquished by (NAME):
Signature:
Date: ____/____/____ (mm/dd/yy)

Pink Copy - Client
Yellow & White Copy - SGS

Revision #: 1.7
Date of Issue: 07 JUNE 2023

Request for Laboratory Services and CHAIN OF CUSTODY

SGS Industries & Environment - Lakefield: 185 Concession St., Lakefield, ON K0L 2H0 Phone: 705-652-2000 Fax: 705-652-6365 Web: www.sgs.com/environment
- London: 657 Consortium Court, London, ON, N6E 2S8 Phone: 519-672-4500 Toll Free: 877-848-8060 Fax: 519-672-0361

No: 039053 Page 2 of 3

Laboratory Information Section - Lab use only

Received By: Daisy N
Received Date: 21 / 06 / 24 (mm/dd/yy)
Received Time: 11 : 19 (hr : min)
Received By (signature): DN
Custody Seal Present: Yes ☐ No ☑
Custody Seal Intact: Yes ☐ No ☐
Cooling Agent Present: Yes ☑ No ☐ Type: bagged ice
Temperature Upon Receipt (°C): see attached
CA-40160-Jun24 NP
LAB LIMS #: 24T165243 DN

REPORT INFORMATION	INVOICE INFORMATION
Company: Englobe	☐ (same as Report Information)
Contact: P. Patel	Company:
Address: 20 Carlson Ct.	Contact:
Phone:	Address:
Fax:	Phone:
Email: prakash.patel@Englobecorp.com	Email:

Quotation #: P.O. #:
Project #: 02310769.004 Site Location/ID: Uxbridge

TURNAROUND TIME (TAT) REQUIRED

☑ Regular TAT (5-7days) — TAT's are quoted in business days (exclude statutory holidays & weekends). Samples received after 6pm or on weekends: TAT begins next business day

RUSH TAT (Additional Charges May Apply): ☐ 1 Day ☐ 2 Days ☐ 3 Days ☐ 4 Days

PLEASE CONFIRM RUSH FEASIBILITY WITH SGS REPRESENTATIVE PRIOR TO SUBMISSION

Specify Due Date:

*NOTE: DRINKING (POTABLE) WATER SAMPLES FOR HUMAN CONSUMPTION MUST BE SUBMITTED WITH SGS DRINKING WATER CHAIN OF CUSTODY

REGULATIONS

☐ O.Reg 153/04 ☐ O.Reg 406/19
☑ Table 1 ☐ Res/Park Soil Texture:
☐ Table 2 ☑ Ind/Com ☐ Coarse
☐ Table 3 ☐ Agri/Other ☐ Medium/Fine
☐ Table ____ Appx. ____
Soil Volume ☐ <350m3 ☐ >350m3

Other Regulations: ☐ Reg 347/558 (3 Day min TAT) ☐ PWQO ☐ MMER ☐ CCME ☐ Other: ☐ MISA ☐ ODWS Not Reportable *See note

Sewer By-Law: ☐ Sanitary ☐ Storm Municipality:

RECORD OF SITE CONDITION (RSC) ☐ YES ☐ NO

ANALYSIS REQUESTED

	SAMPLE IDENTIFICATION	DATE SAMPLED	TIME SAMPLED	# OF BOTTLES	MATRIX	Field Filtered (Y/N)	M&I: Metals & Inorganics (incl CrVI, CN, Hg pH,(B(HWS),EC,SAR-soil) (Cl, Na-water)	M&I: Full Metals Suite (ICP metals plus B(HWS-soil only) Hg, CrVI	M&I: ICP Metals only Sb,As,Ba,Be,B,Cd, Cr,Co,Cu,Pb,Mo,Ni,Se,Ag,Tl,U,V,Zn	SVOC: PAHs only	SVOC: SVOCs all incl PAHs, ABNs, CPs	PCB: PCBs Total ☐ Aroclor ☐	PHC: F1-F4 + BTEX	PHC: F1-F4 only no BTEX	VOC: VOCs all incl BTEX	VOC: BTEX only	Pest: Pesticides Organochlorine or specify other	Other (please specify)	Other	Other	Other	Other: Sewer Use: Specify pkg:	Other: Water Characterization Pkg General ☐ Extended ☐	SPLP: Specify tests ☐Metals ☐VOC ☐1,4-Dioxane ☐OCP ☐ABN	TCLP: Specify tests ☐M&I ☐VOC ☐PCB ☐B(a)P ☐ABN ☐Ignit.	COMMENTS:
✓ 1	BH 24-7/SS 3	June 18	~~8:20~~	5	SOIL		✓			✓			✓		✓											
✓ 2	BH 24-7/SS 6	June 18	~~8:20~~	5			✓			✓			✓		✓											
✓ 3	BH 24-8/SS 2	June 19	8:20	5			✓			✓			✓		✓											
✓ 4	BH 24-8/SS 5	"	8:20	5			✓			✓			✓		✓											
✓ 5	BH 24-9/SS 2	"	11:20	5			✓			✓			✓		✓											
✓ 6	BH 24-10/SS 3	"		5			✓			✓			✓		✓											
✓ 7	BH 24-11/SS 2	June 20	8:20	5			✓			✓			✓		✓											
✓ 8	BH 24-12/SS 1	"	9:55	5			✓			✓			✓		✓											
✓ 9	BH 24-12/SS 4	"	9:55	5			✓			✓			✓		✓											
✓ 10	BH 24-13/SS 3	"	11:30	5			✓			✓			✓		✓											
✓ 11	BH 24-14/SS 1	"	2:10	5			✓			✓			✓		✓											
✓ 12	BH 24-14/SS 4	"	2:10	5			✓			✓			✓		✓											

Observations/Comments/Special Instructions

Sampled By (NAME): Bob Racher Signature: R Racher. Date: 06 / 21 / 24 (mm/dd/yy)

Relinquished by (NAME): Signature: Date: / / (mm/dd/yy)

Pink Copy - Client
Yellow & White Copy - SGS

Revision #: 1.7
Date of Issue: 07 JUNE 2023

Request for Laboratory Services and CHAIN OF CUSTODY

SGS

Industries & Environment - Lakefield: 185 Concession St., Lakefield, ON K0L 2H0 Phone: 705-652-2000 Fax: 705-652-6365 Web: www.sgs.com/environment
- London: 657 Consortium Court, London, ON, N6E 2S8 Phone: 519-672-4500 Toll Free: 877-848-8060 Fax: 519-672-0361

No: 039054

Laboratory Information Section - Lab use only

Received By: Daisy N
Received Date: 21 / 06 / 24 (mm/dd/yy)
Received Time: 11 : 19 (hr : min)
Received By (signature):
Custody Seal Present: Yes ☐ No ☑
Custody Seal Intact: Yes ☐ No ☐
Cooling Agent Present: Yes ☑ No ☐ Type: bagged ice
Temperature Upon Receipt (°C) see attached
CA-40160-Jun24
LAB LIMS #: 24T165243

REPORT INFORMATION	INVOICE INFORMATION
Company: Englobe Corp.	☐ (same as Report Information)
Contact: P. Patel	Company:
Address: 20 Carlson Ct.	Contact:
Phone:	Address:
Fax:	Phone:
Email: Prakash.Patel@Englobecorp.com	Email:

Quotation #:
P.O. #:
Project #: 02310769.004
Site Location/ID: Uxbridge

TURNAROUND TIME (TAT) REQUIRED

☑ Regular TAT (5-7days)

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PLEASE CONFIRM RUSH FEASIBILITY WITH SGS REPRESENTATIVE PRIOR TO SUBMISSION

Specify Due Date:

*NOTE: DRINKING (POTABLE) WATER SAMPLES FOR HUMAN CONSUMPTION MUST BE SUBMITTED WITH SGS DRINKING WATER CHAIN OF CUSTODY

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☐ Table 1 ☐ Res/Park Soil Texture: ☐ Coarse
☐ Table 2 ☐ Ind/Com ☐ Medium/Fine
☐ Table 3 ☐ Agri/Other
☐ Table ____ Appx. ____
Soil Volume ☐ <350m3 ☐ >350m3

Other Regulations:
☐ Reg 347/558 (3 Day min TAT)
☐ PWQO ☐ MMER
☐ CCME ☐ Other:
☐ MISA
☐ ODWS Not Reportable *See note

Sewer By-Law:
☐ Sanitary
☐ Storm
Municipality:

RECORD OF SITE CONDITION (RSC) ☐ YES ☐ NO

ANALYSIS REQUESTED

	SAMPLE IDENTIFICATION	DATE SAMPLED	TIME SAMPLED	# OF BOTTLES	MATRIX	Field Filtered (Y/N)	M & I: Metals & Inorganics (incl CrVI, CN, Hg pH,(B(HWS),EC,SAR–soil) (Cl, Na–water)	M & I: Full Metals Suite ICP metals plus B(HWS-soil only) Hg, CrVI	M & I: ICP Metals only Sb,As,Ba,Be,B,Cd, Cr,Co,Cu,Pb,Mo,Ni,Se,Ag,Tl,U,V,Zn	SVOC: PAHs only	SVOC: SVOCs all incl PAHs, ABNs, CPs	PCB: PCBs Total ☐ Aroclor ☐	PHC: F1-F4 + BTEX	PHC: F1-F4 only no BTEX	VOC: VOCs all incl BTEX	VOC: BTEX only	Pest: Pesticides Organochlorine or specify other	Other (please specify)	Other	Other	Other	Other: Sewer Use: Specify pkg:	Other: Water Characterization Pkg General ☐ Extended ☐	SPLP: Specify tests ☐Metals ☐VOC ☐1,4-Dioxane ☐OCP ☐ABN	TCLP: Specify tests ☐M&I ☐VOC ☐PCB ☐B(a)P ☐ABN ☐Ignit.	COMMENTS:
✓ 1	BH 24-15/SS 3	June 20	1:10	5	SOIL		✓			✓		✓	✓		✓											
✓ 2	BH 24-16/SS 1	June 19	10:23	5			✓			✓		✓	✓		✓											
✓ 3	BH 24-16/SS #3	"	10:23	5			✓			✓		✓	✓		✓											
✓ 4	BH 24-16/SS 4	"	10:23	5			✓			✓		✓	✓		✓											
✓ 5	BH 24-17/SS 1	June 17	1:00	5			✓			✓		✓	✓		✓											
✓ 6	BH 24-17/SS 2	"	1:00	5			✓			✓		✓	✓		✓											
✓ 7	BH 24-17/SS 4	"	1:00	5			✓			✓		✓	✓		✓											
✓ 8	DUP #1	June 17		5			✓			✓		✓	✓		✓											
✓ 9	DUP #2	June 18		5			✓			✓		✓	✓		✓											
✓ 10	DUP #3	June 19		5			✓			✓		✓	✓		✓											
✓ 11	DUP #4	June 19																								
12																										

Observations/Comments/Special Instructions

Sampled By (NAME):	Signature:	Date: ____/____/____ (mm/dd/yy)	Pink Copy - Client
Relinquished by (NAME):	Signature:	Date: ____/____/____ (mm/dd/yy)	Yellow & White Copy - SGS