From: Knapke, Eric <Knapke.Eric@epa.gov>
Sent: Tuesday, May 23, 2023 3:11 PM
To: Beggs, Tauren R - DNR; Byers, Harris
Cc: Adam Tegen
Subject: RE: Characterization of Fill for the River Point District

Received, thank you!

Eric Knapke, MPH
Brownfields Project Manager
Regional Conference Coordinator, Brownfields 2023 - Detroit
U.S. Environmental Protection Agency, Region 5
77 W. Jackson Blvd
Chicago, IL 60604
312-353-6292
knapke.eric@epa.gov

Registration for the 2023 Brownfields Conference is now open! Register here.

From: Beggs, Tauren R - DNR <Tauren.Beggs@wisconsin.gov>
Sent: Tuesday, May 23, 2023 12:51 PM
To: Byers, Harris <Harris.Byers@stantec.com>
Cc: Adam Tegen <ategen@manitowoc.org>; Knapke, Eric <Knapke.Eric@epa.gov>
Subject: RE: Characterization of Fill for the River Point District

Thanks Harris, I received it through the portal.

Regards,

We are committed to service excellence.
Visit our survey at http://dnr.wi.gov/customersurvey to evaluate how I did.

Tauren R. Beggs
Phone: (920) 510-3472
Tauren.Beggs@wisconsin.gov (preferred contact method during work at home)

From: Byers, Harris <Harris.Byers@stantec.com>
Sent: Monday, May 22, 2023 4:11 PM

To: Adam Tegen <ategen@manitowoc.org>; Knapke.Eric@epa.gov; Beggs, Tauren R - DNR <Tauren.Beggs@wisconsin.gov>
Subject: Characterization of Fill for the River Point District

Team:

The attached letter summarizes recent soil sampling completed to characterize material being cut from a nearby construction Site for importing/constructing the engineered barrier in the Phase 1 Redevelopment Area at the River Point District in Manitowoc.

Tauren – I'll upload a copy through the portal for your records.

Sincerely,

Harris Byers, Ph.D.
Sr. Brownfields Project Manager
Contaminant Hydrogeologist / Urban Geochemist

Direct: 414 581-6476
Harris.Byers@stantec.com

Stantec
12080 Corporate Parkway Suite 200
Mequon WI 53092-2649

Stantec Consulting Services Inc.
12080 Corporate Parkway, Suite 200 Mequon WI 53092

May 19, 2023
File: 193709261

Attention: Mr. Adam Tegen
Community Development Director
900 Quay Street
Manitowoc, WI 54220

Dear Mr. Tegen,

Reference: Characterization of Soil at 333 Reed Avenue; Manitowoc, Wisconsin

Stantec Consulting Services Inc. (Stantec) prepared this letter report for the Community Development Authority of the City of Manitowoc (CDA) following collection and laboratory analysis of soil samples collected from 28 soil borings advanced at the property located at 333 Reed Avenue in Manitowoc, Wisconsin (herein referred to as "the Property"). The location of the Property relative to local topography is shown on Figure 1.

The purpose of this soil sampling was to characterize representative soil targeted as potential fill to construct the vegetated engineered barrier in the Phase I Redevelopment Area at the River Point District. The locations of the Phase I Redevelopment Area (outlined in yellow) and the greater River Point District (outlined in fuchsia) are shown on Figure 2.

The 2020 orthophotograph of the Property, soil sample locations, and depths of proposed grading cuts at the Property are illustrated on Figure 3.This work was completed using funds provided to the CDA by the United States Environmental Protection Agency (USEPA) through a brownfield cleanup grant for the Phase I Redevelopment Area funded under Cooperative Agreement Number BF-00E03197.

BACKGROUND

As described in the Stantec (2022) *Addendum* to the Stantec (2021) *Remedial Action Plan & Materials Management Plan* (RAP/MMP), proposed development in the Phase I Redevelopment Area includes construction of townhomes, a commercial business, shoreline revetment, greenspace, paved trails, an overlook platform, a dock, and a fire ring along the Manitowoc River. To accommodate these desired future uses, direct contact and groundwater migration concerns associated with residual soil/fill impacts will be mitigated through construction of an engineered surface barrier (cap). Softscape features of the engineered surface barrier include:

- An 18-inch soil cap consisting of thirteen (13) inches of clean imported granular or clay fill covered with five (5) inches of imported topsoil and vegetation or

- A 12-inch soil cap consisting of seven inches of clean imported granular or clay fill underlain by indicator fabric and covered with five inches of imported soil and vegetation.

Mike Howe Builders, Inc. is redeveloping the Property for non-industrial reuse, and grading at the Property is anticipated to generate up to 14,000 cubic yards of excess material, which could be suitable for use in constructing the vegetated engineered barrier at River Point. However, as the River Point District is undergoing investigation under the Chapter NR 700 rule series of the Wisconsin Administrative Code (WAC), and at the recommendation of the Wisconsin Department of Natural Resources (WDNR) Project Manager,

sampling of representative soil from the Property prior to placement of cut soils on the River Point District property was warranted.

METHODS

Under supervision of Stantec, Horizon Construction and Exploration (Horizon) advanced 28 soil borings at the Property using direct-push Geoprobe® drilling methods between May 4 and May 5, 2023 to allow for sampling of subsurface soils. Soil borings extended downward to either four or eight feet below ground surface (ft bgs), depending on the proposed grading/cut depth. The locations of the soil borings and the proposed grading/cut depths at the Property are illustrated on Figure 3. Photographic documentation of general conditions of the Property, soil borings, and subsurface lithology is provided in Attachment A.

The soil borings were logged by a Stantec contaminant hydrogeologist. Aliquots of soil were placed in Ziploc® bags and screened using a portable photoionization detector (PID) calibrated to a 100 parts per million isobutylene standard for volatile organic compounds (VOCs). Samples of soil were collected from representative soil units and submitted to Eurofins TestAmerica (Chicago, Illinois) under chain-of-custody procedures for analysis of Resource Conservation and Recovery Act (RCRA) metals (Methods 6010/7471), polycyclic aromatic hydrocarbons (PAHs; Method 9270), and VOCs (Method 8260). The laboratory report is provided in Attachment B and detected constituents are compared to ch. NR 720 WAC health-based residual contaminant levels (RCLs) and background threshold values (BTVs) on Table 1.

RESULTS

Lithology. Most of the topsoil at the Property was recently removed and the remaining surface soils consist of red-brown clay with varying silt content and/or gravel. Surface soils were underlain by a well graded yellow-brown sand and gravel unit further underlain by a red-brown silty clay unit. An additional grey/grey-brown silty clay unit was noted at depth on the eastern portion of the Property. All encountered soil horizons appear to be native/reworked native soil (e.g. Attachment A, Photo Nos. 9, 11, and 16). Anthropogenic fill/waste units were not encountered in soil targeted for importing to the River Point District.

VOCs. No odors were observed in the soil borings advanced at the Property during this investigation. PID measurements of representative soils were less than one instrument unit (iu), except for soil collected at SB-29 from 0.5-1.5 ft bgs (peak PID measurement of 1.3 iu) and SB-40 from 2.5-4 ft bgs (peak PID measurement of 1.8 iu).

As summarized on Table 1, the concentrations of all detected VOCs in soil were less than applicable health-based RCLs. As such, VOCs do not appear to limit the potential to reuse this material for construction of the vegetated engineered barrier in the Phase I Redevelopment Area at the River Point District

RCRA Metals. As summarized on Table 1, the concentrations of all RCRA metals in soil were less than applicable health-based RCLs and/or BTVs. As such, RCRA metals do not appear to limit the potential to reuse this material for construction of the vegetated engineered barrier in the Phase I Redevelopment Area at the River Point District

PAHs. As summarized on Table 1, the concentrations of PAHs in soil are all less than the most restrictive health-based soil quality standards. As such, PAHs do not appear to limit the potential to reuse this material for construction of the vegetated engineered barrier in the Phase I Redevelopment Area at the River Point District.

CONCLUSIONS

Given that the detected constituents in apparent native/reworked native soils sampled from the Property were less than applicable soil quality standards, excavated material generated from the Property appears appropriate for use in constructing the vegetated engineered barrier in the Phase I Redevelopment Area at the River Point District.

If anthropogenic fills and/or soils with apparent impacts (e.g. unusual odor or colors) are encountered at the Property, they will not be imported to the River Point District.

Stantec recommends submitting this letter to WDNR for concurrence with our conclusions prior to placement of excavation spoil from the Property to construct the vegetated engineered barrier in the Phase I Redevelopment Area at the River Point District.

Regards,
Stantec Consulting Services, Inc.

Jiyan Hatami, MS
Contaminant Hydrogeologist
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Email: jiyan.hatami@gmail.com

Harris L. Byers, Ph.D.
Sr. Brownfields Project Manager
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Stu Gross, P.G.,
BC1937 Practice Lead/Senior Project Manager
stu.gross@stantec.com

Enclosures
Figures
Tables
Attachments:
- Attachment A: Photographic Documentation
- Attachment B: Laboratory Report

REFERENCES

Stantec, 2021, Remedial Action Plan and Materials Management Plan, River Point District Phase I Construction Area, July 19, 2021.

Stantec, 2022, Addendum to the Stantec (2021) Remedial Action Plan & Materials Management Plan, River Point District, Phase 1 Construction Area; Manitowoc, Wisconsin, July 29, 2022.

LIMITATIONS

The conclusions in this letter are Stantec's professional opinion, as of the time of the letter, and concerning the scope described in the letter. The opinions in the document are based on conditions and information existing at the time the document was published and do not take into account any subsequent changes. This letter relates solely to the specific project for which Stantec was retained and the stated purpose for which

the letter was prepared. This letter is not to be used or relied on for any variation or extension of the project, or for any other project or purpose, and any unauthorized use or reliance is at the recipient's own risk.

Stantec has assumed all information received from third parties in the preparation of this letter to be correct. While Stantec has exercised a customary level of judgment or due diligence in the use of such information, Stantec assumes no responsibility for the consequences of any error or omission contained therein.

This letter is intended solely for use by the CDA in accordance with Stantec's contract with the CDA. While this letter may be provided to applicable authorities having jurisdiction and others for whom the CDA is responsible, Stantec does not warrant the services to any third party. This letter may not be relied upon by any other party without the express written consent of Stantec, which may be withheld at Stantec's discretion.

TABLE

Table 1 - Detected Constituents in Soil
333 Reed Avenue
Manitowoc, Wisconsin

Analyte	Industrial Direct Contact RCL	Non-Industrial Direct Contact RCL	Soil to Groundwater RCL	Wisconsin BTV	Sample ID and Sample Date										
					SB-3 (0.75-1.5)	SB-4 (2-3.5)	SB-5 (0-2)	SB-7 (1-3)	SB-8 (4-6)	SB-12 (0.25-1.75)	SB-15 (1.5-3.5)	DUP	SB-16 (1.75-3)	SB-20 (1.5-2)	SB-21 (0.5-1.5)
					05/04/2023	05/04/2023	05/04/2023	05/05/2023	05/04/2023	05/04/2023	05/04/2023	05/04/2023	05/04/2023	05/04/2023	05/04/2023
Detected VOCs (µg/kg)															
1,2,3-Trichlorobenzene	934,000	62,600	n/v	n/v	< 40	< 39	< 41	< 46	< 47	< 44	< 42	< 46	< 52	< 41	< 42
1,2,4-Trichlorobenzene	113,000	24,000	408	n/v	< 30	< 29	< 30	< 35	< 35	< 33	< 32	< 34	< 39	< 31	< 31
Naphthalene	24,100	5,520	658	n/v	< 29	< 28	< 30	< 34	< 34	< 32	< 31	< 33	< 38	< 30	< 30
Detected PAHs (µg/kg)															
Acenaphthene	45,200,000	3,590,000	n/v	n/v	< 6.5	< 6.6	< 7.0	< 7.1	< 6.8	< 6.9	< 9.9	< 6.5	< 20	< 6.9	< 6.4
Acenaphthylene	n/v	n/v	n/v	n/v	< 4.7	< 4.8	< 5.1	< 5.2	< 5.0	< 5.1	< 7.3	< 4.7	< 15	< 5.1	< 4.7
Anthracene	100,000,000	17,900,000	196,949	n/v	< 6.0 F1	< 6.1	< 6.5	< 6.6	< 6.3	< 6.5	< 9.2	< 6.0	< 19	< 6.4	< 6.0
Benzo[a]anthracene	20,800	1,140	n/v	n/v	13 J	< 4.9	33 J	15 J	< 5.1	< 5.2	< 7.4	< 4.8	< 15	< 5.2	< 4.8
Benzo[a]pyrene	2,110	115	470	n/v	< 7.0	< 7.1	73	13 J	< 7.3	< 7.5	< 11	< 7.0	< 22	< 7.5	< 6.9
Benzo[b]fluoranthene	21,100	1,150	478	n/v	40 F1	< 7.9	83	18 J	< 8.1	< 8.3	< 12	< 7.8	< 25	< 8.3	< 7.7
Benzo[g,h,i]perylene	n/v	n/v	n/v	n/v	< 12	< 12	42	< 13	< 12	< 12	< 18	< 12	< 37	< 12	< 12
Benzo[k]fluoranthene	211,000	11,500	n/v	n/v	< 11	< 11	20 J	< 12	< 11	< 11	< 16	< 11	< 33	< 11	< 11
Chrysene	2,110,000	115,000	144	n/v	< 9.8	< 10	37 J	12 J	< 10	< 11	< 15	< 9.8	< 31	< 11	< 9.8
Dibenz(a,h)anthracene	2,110	115	n/v	n/v	< 6.9	< 7.1	< 7.5	< 7.7	< 7.3	< 7.5	< 11	< 6.9	< 22	< 7.4	< 6.9
Fluoranthene	30,100,000	2,390,000	88,877	n/v	16 J	< 6.8	56	17 J	< 7.0	< 7.2	< 10	< 6.7	< 21	< 7.1	< 6.7
Fluorene	30,100,000	2,390,000	14,829	n/v	< 5.0	< 5.2	< 5.4	< 5.6	< 5.3	< 5.4	< 7.7	< 5.1	< 16	< 5.4	< 5.0
Indeno[1,2,3-cd]pyrene	21,100	1,150	n/v	n/v	< 9.3	< 9.5	67	19 J	< 9.8	< 10	< 14	< 9.3	< 29	< 10	< 9.3
Phenanthrene	n/v	n/v	n/v	n/v	11 J	< 5.1	20 J	< 5.5	< 5.3	< 5.4	< 7.7	< 5.0	< 16	< 5.4	< 5.0
Pyrene	22,600,000	1,790,000	54,545	n/v	13 J	< 7.3	46	17 J	< 7.5	< 7.7	< 11	< 7.1	< 23	8.0 J	< 7.1
Detected RCRA Metals (mg/kg)															
Arsenic	**8.3*** [3]	**8.3*** [0.677]	**8.3*** [0.584]	8.3	3.3	0.78 J	3.5	3.1	3.4	3.3	1.1	0.91 J	1.8	3.3	0.39 J
Barium	100,000	15,300	**364*** [164.8]	364	56	7.2	59	58	59	69	14	6.1	32	74	5.0
Cadmium	985	71	**1*** [0.752]	1	0.12 J B	0.082 J B	0.15 J B	0.16 J	0.095 J B	0.12 J B	0.071 J B	0.081 J	0.092 J B	0.14 J B	0.050 J B
Chromium	100,000	100,000	360,000	44	20	3.6	23	16	18	27	5.5	3.4	10	21	3.3
Lead	800	400	**51.6*** [27]	51.6	7.3	1.6	11	6.6	6.7	8.3	2.6	1.3	7.0	9.0	1.4
Silver	5,840	391	1	n/v	0.35 J	< 0.13	0.38 J	0.31 J	0.35 J	0.57	0.16 J	< 0.13	0.23 J	0.40 J	0.14 J
Mercury	3	3	0.208	n/v	0.016 J	< 0.0092	0.045	< 0.0099	< 0.0097	0.031	< 0.0093	< 0.0097	0.015 J	0.013 J	< 0.0095

Notes:

µg/kg	Micrograms per kilogram
mg/kg	Milligrams per kilogram
BTV	Wisconsin Background Threshold Value
VOCs	Volatile organic compounds
PAHs	Polycyclic aromatic hydrocarbons
RCRA	Resource Conservation and Recovery Act
<	Less than
*+	LCS and/or LCSD is outside acceptance limits, high biased.
F1	MS and/or MSD recovery exceeds control limits.
B	Compound was found in the blank and sample.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

Table 1 - Detected Constituents in Soil
333 Reed Avenue
Manitowoc, Wisconsin

Analyte	Industrial Direct Contact RCL	Non-Industrial Direct Contact RCL	Soil to Groundwater RCL	Wisconsin BTV	Sample ID and Sample Date										
					SB-22 (0.5-1.5)	SB-24 (0.5-1.5)	SB-26 (0-0.5)	SB-27 (0.5-1)	SB-28 (2-3)	SB-29 (0.5-1.5)	SB-31 (0.5-1.5)	SB-33 (0.5-2)	SB-34 (2-3)	SB-35 (1-2.5)	SB-36 (0.25-2.25)
					05/04/2023	05/05/2023	05/04/2023	05/05/2023	05/04/2023	05/05/2023	05/04/2023	05/04/2023	05/04/2023	05/04/2023	05/04/2023
Detected VOCs (µg/kg)															
1,2,3-Trichlorobenzene	934,000	62,600	n/v	n/v	< 41	< 45	< 40	< 48	< 45	< 48	< 46	< 48	< 46	< 37	< 45
1,2,4-Trichlorobenzene	113,000	24,000	408	n/v	< 30	< 34	< 30	< 36	< 34	< 36	< 34	< 36	< 35	< 28	< 33
Naphthalene	24,100	5,520	658	n/v	< 30	< 33	< 29	< 35	< 33	< 35	< 33	< 35	< 34	< 27	< 33
Detected PAHs (µg/kg)															
Acenaphthene	45,200,000	3,590,000	n/v	n/v	< 6.5	< 7.1	< 6.8	< 6.6	< 6.5	< 6.5	< 7.1	< 7.1	< 7.1	< 6.8	< 7.0
Acenaphthylene	n/v	n/v	n/v	n/v	< 4.8	< 5.2	< 5.0	< 4.9	< 4.8	< 4.8	< 5.2	< 5.2	< 5.2	< 5.0	< 5.1
Anthracene	100,000,000	17,900,000	196,949	n/v	< 6.0	< 6.6	6.8 J	12 J	< 6.0	< 6.1	< 6.6	< 6.6	< 6.6	< 6.3	< 6.5
Benzo[a]anthracene	20,800	1,140	n/v	n/v	16 J	< 5.3	49	67	< 4.9	16 J	< 5.4	< 5.3	< 5.3	< 5.1	< 5.2
Benzo[a]pyrene	2,110	115	470	n/v	46	< 7.7	85	94	< 7.0	45	< 7.7	< 7.7	< 7.7	< 7.3	< 7.5
Benzo[b]fluoranthene	21,100	1,150	478	n/v	47	< 8.6	97	110	< 7.8	44	< 8.6	< 8.5	< 8.6	< 8.2	< 8.4
Benzo[g,h,i]perylene	n/v	n/v	n/v	n/v	12 J	< 13	62	55	< 12	< 12	< 13	< 13	< 13	< 12	< 13
Benzo[k]fluoranthene	211,000	11,500	n/v	n/v	< 11	< 12	27 J	29 J	< 11	< 11	< 12	< 12	< 12	< 11	< 11
Chrysene	2,110,000	115,000	144	n/v	12 J	< 11	48	62	< 9.8	< 9.9	< 11	< 11	< 11	< 10	< 11
Dibenz(a,h)anthracene	2,110	115	n/v	n/v	< 7.0	< 7.7	45	< 7.1	< 7.0	< 7.0	< 7.7	< 7.6	< 7.7	< 7.3	< 7.5
Fluoranthene	30,100,000	2,390,000	88,877	n/v	22 J	< 7.4	82	110	< 6.7	17 J	< 7.4	< 7.3	< 7.4	< 7.0	< 7.2
Fluorene	30,100,000	2,390,000	14,829	n/v	< 5.1	< 5.6	< 5.3	< 5.2	< 5.1	< 5.1	< 5.6	< 5.6	< 5.6	< 5.3	< 5.5
Indeno[1,2,3-cd]pyrene	21,100	1,150	n/v	n/v	31 J	< 10	85	89	< 9.4	27 J	< 10	< 10	< 10	< 9.8	< 10
Phenanthrene	n/v	n/v	n/v	n/v	12 J	14 J	35 J	45	< 5.0	11 J	< 5.5	< 5.5	< 5.5	< 5.3	< 5.4
Pyrene	22,600,000	1,790,000	54,545	n/v	18 J	< 7.9	72	93	< 7.2	14 J	< 7.9	< 7.9	< 7.9	< 7.5	< 7.7
Detected RCRA Metals (mg/kg)															
Arsenic	**8.3*** [3]	**8.3*** [0.677]	**8.3*** [0.584]	8.3	1.4	4.1	2.3	0.96 J	3.0	1.1	3.2	2.5	2.4	3.1	4.4
Barium	100,000	15,300	**364*** [164.8]	364	12	73	38	13	45	17	51	41	64	55	62
Cadmium	985	71	**1*** [0.752]	1	0.082 J B	0.15 J B	0.16 J B	0.075 J B	0.085 J B	0.11 J B	0.10 J	0.12 J	0.11 J	0.14 J	0.13 J
Chromium	100,000	100,000	360,000	44	4.9	27	11	4.7	19	5.9	16	20	22	16	23
Lead	800	400	**51.6*** [27]	51.6	4.5	12	8.6	4.7	7.3	13	5.4	4.3	5.6	5.6	7.1
Silver	5,840	391	1	n/v	0.14 J	0.44 J	0.23 J	< 0.14	0.46 J	0.15 J	0.33 J	0.25 J	0.30 J	0.34 J	0.44 J
Mercury	3	3	0.208	n/v	0.018	0.021	0.036	0.010 J	0.019	0.14	< 0.011	0.012 J	< 0.010	< 0.0092	0.015 J

Notes:

µg/kg	Micrograms per kilogram
mg/kg	Milligrams per kilogram
BTV	Wisconsin Background Threshold Value
VOCs	Volatile organic compounds
PAHs	Polycyclic aromatic hydrocarbons
RCRA	Resource Conservation and Recovery Act
<	Less than
*+	LCS and/or LCSD is outside acceptance limits, high biased.
F1	MS and/or MSD recovery exceeds control limits.
B	Compound was found in the blank and sample.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

Table 1 - Detected Constituents in Soil
333 Reed Avenue
Manitowoc, Wisconsin

Analyte	Industrial Direct Contact RCL	Non-Industrial Direct Contact RCL	Soil to Groundwater RCL	Wisconsin BTV	Sample ID and Sample Date							
					SB-37 (2-3.5)	SB-38 (0.5-1.5)	SB-40 (0.5-1.5)	SB-41 (0.5-1.5)	SB-43 (0.75-1.5)	SB-44 (0.75-1)	SB-45 (0.5-1.5)	Trip Blank
					05/04/2023	05/05/2023	05/04/2023	05/05/2023	05/04/2023	05/04/2023	05/05/2023	05/04/2023
Detected VOCs (µg/kg)												
1,2,3-Trichlorobenzene	934,000	62,600	n/v	n/v	< 47	< 44	< 44	< 59	< 59	< 40	63 J B	< 23
1,2,4-Trichlorobenzene	113,000	24,000	408	n/v	< 35	< 33	< 33	< 44	< 44	< 30	56 J B	< 17
Naphthalene	24,100	5,520	658	n/v	< 34	< 32	< 32	< 43	< 43	< 30	31 J B	< 17
Detected PAHs (µg/kg)												
Acenaphthene	45,200,000	3,590,000	n/v	n/v	< 6.8	< 6.4	< 6.9	< 7.9	< 7.0	< 6.8	< 6.9	-
Acenaphthylene	n/v	n/v	n/v	n/v	< 5.0	< 4.7	< 5.1	< 5.8	< 5.2	< 5.0	< 5.1	-
Anthracene	100,000,000	17,900,000	196,949	n/v	< 6.3	< 6.0	< 6.4	< 7.3	< 6.6	< 6.3	< 6.4	-
Benzo[a]anthracene	20,800	1,140	n/v	n/v	23 J	< 4.8	13 J	34 J	10 J	8.3 J	< 5.2	-
Benzo[a]pyrene	2,110	115	470	n/v	55	< 6.9	< 7.5	25 J	< 7.6	< 7.4	< 7.4	-
Benzo[b]fluoranthene	21,100	1,150	478	n/v	55	< 7.7	8.3 J	28 J	< 8.5	< 8.2	< 8.3	-
Benzo[g,h,i]perylene	n/v	n/v	n/v	n/v	18 J	< 11	< 12	< 14	< 13	< 12	< 12	-
Benzo[k]fluoranthene	211,000	11,500	n/v	n/v	< 11	< 11	< 11	< 13	< 12	< 11	< 11	-
Chrysene	2,110,000	115,000	144	n/v	20 J	< 9.7	< 11	26 J	< 11	< 10	< 10	-
Dibenz(a,h)anthracene	2,110	115	n/v	n/v	< 7.3	< 6.9	< 7.5	14 J	< 7.6	< 7.3	< 7.4	-
Fluoranthene	30,100,000	2,390,000	88,877	n/v	33 J	< 6.6	12 J	52	< 7.3	< 7.0	< 7.1	-
Fluorene	30,100,000	2,390,000	14,829	n/v	< 5.3	< 5.0	< 5.4	< 6.2	< 5.5	< 5.3	< 5.4	-
Indeno[1,2,3-cd]pyrene	21,100	1,150	n/v	n/v	< 9.8	< 9.3	11 J	26 J	11 J	< 9.8	< 9.9	-
Phenanthrene	n/v	n/v	n/v	n/v	15 J	< 5.0	7.7 J	36 J	< 5.5	< 5.3	< 5.3	-
Pyrene	22,600,000	1,790,000	54,545	n/v	28 J	< 7.1	11 J	47	< 7.8	< 7.5	< 7.6	-
Detected RCRA Metals (mg/kg)												
Arsenic	**8.3*** [3]	**8.3*** [0.677]	**8.3*** [0.584]	8.3	3.2	0.91 J	5.1	3.8	3.0	2.5	3.1	-
Barium	100,000	15,300	**364*** [164.8]	364	67	10	77	87	47	48	50	-
Cadmium	985	71	**1*** [0.752]	1	0.12 J B	0.090 J	0.12 J	0.35	0.099 J	0.11 J	0.10 J	-
Chromium	100,000	100,000	360,000	44	20	3.8	26	20	19	19	18	-
Lead	800	400	**51.6*** [27]	51.6	6.9	1.4	8.6	14	6.5	6.1	5.3	-
Silver	5,840	391	1	n/v	0.37 J	0.15 J	0.53 J	0.45 J	0.36 J	0.34 J	0.28 J	-
Mercury	3	3	0.208	n/v	< 0.0097	< 0.0093	0.020	0.044	0.028	0.019	< 0.0094	-

Notes:

µg/kg	Micrograms per kilogram
mg/kg	Milligrams per kilogram
BTV	Wisconsin Background Threshold Value
VOCs	Volatile organic compounds
PAHs	Polycyclic aromatic hydrocarbons
RCRA	Resource Conservation and Recovery Act
<	Less than
*+	LCS and/or LCSD is outside acceptance limits, high biased.
F1	MS and/or MSD recovery exceeds control limits.
B	Compound was found in the blank and sample.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

FIGURES

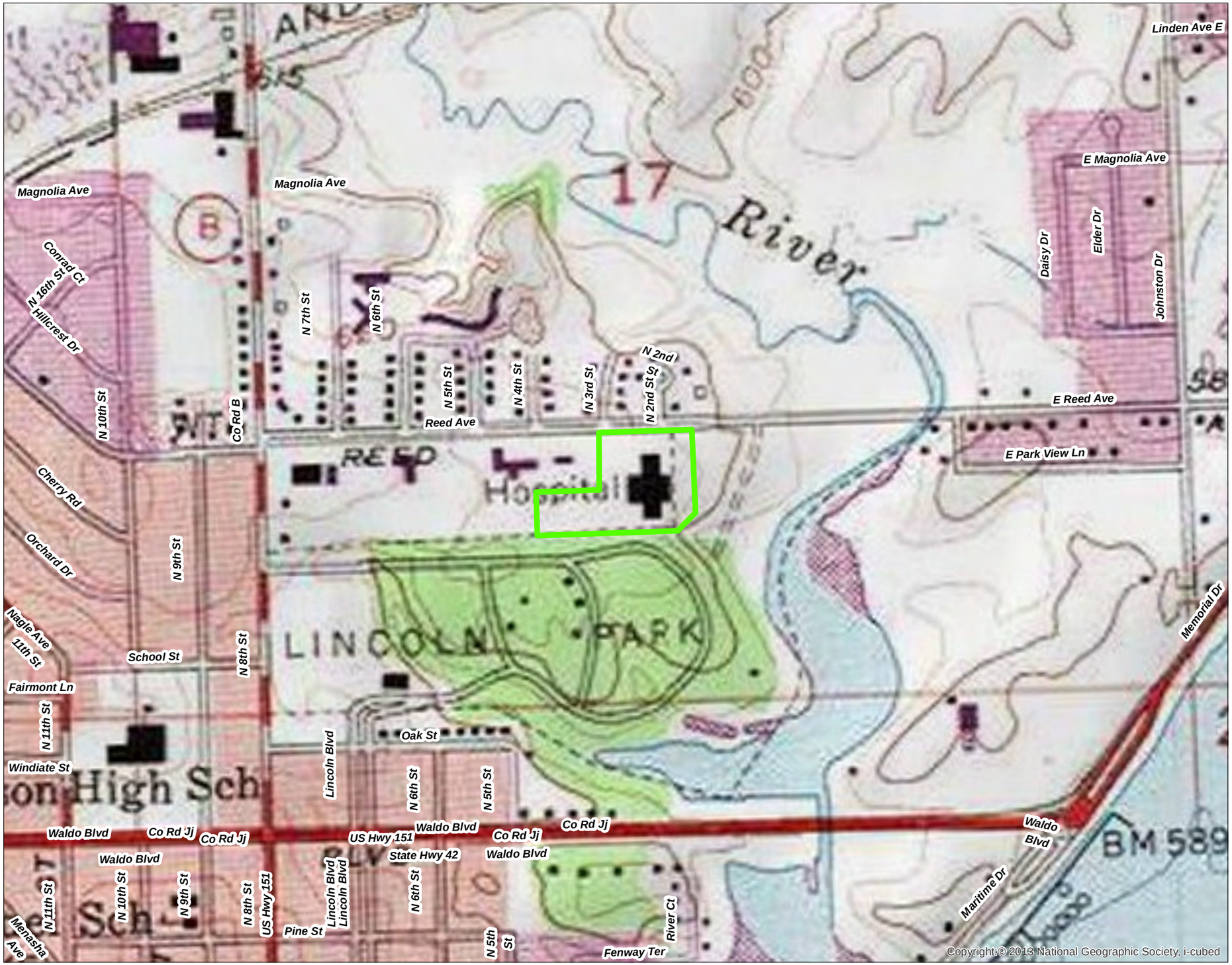

Figure No.
1

Title
Target Property and Regional Topography

Client/Project
333 Reed Ave
City of Manitowoc
USEPA Brownfield Assessment Grant

0 362.5 725 Feet

193709261
Prepared by HLB on 5/19/2023

N

Legend

Target Property
PIN: 05281730401000

Notes
1. Coordinate System: NAD 1983 StatePlane Wisconsin South FIPS 4803 Feet

Stantec

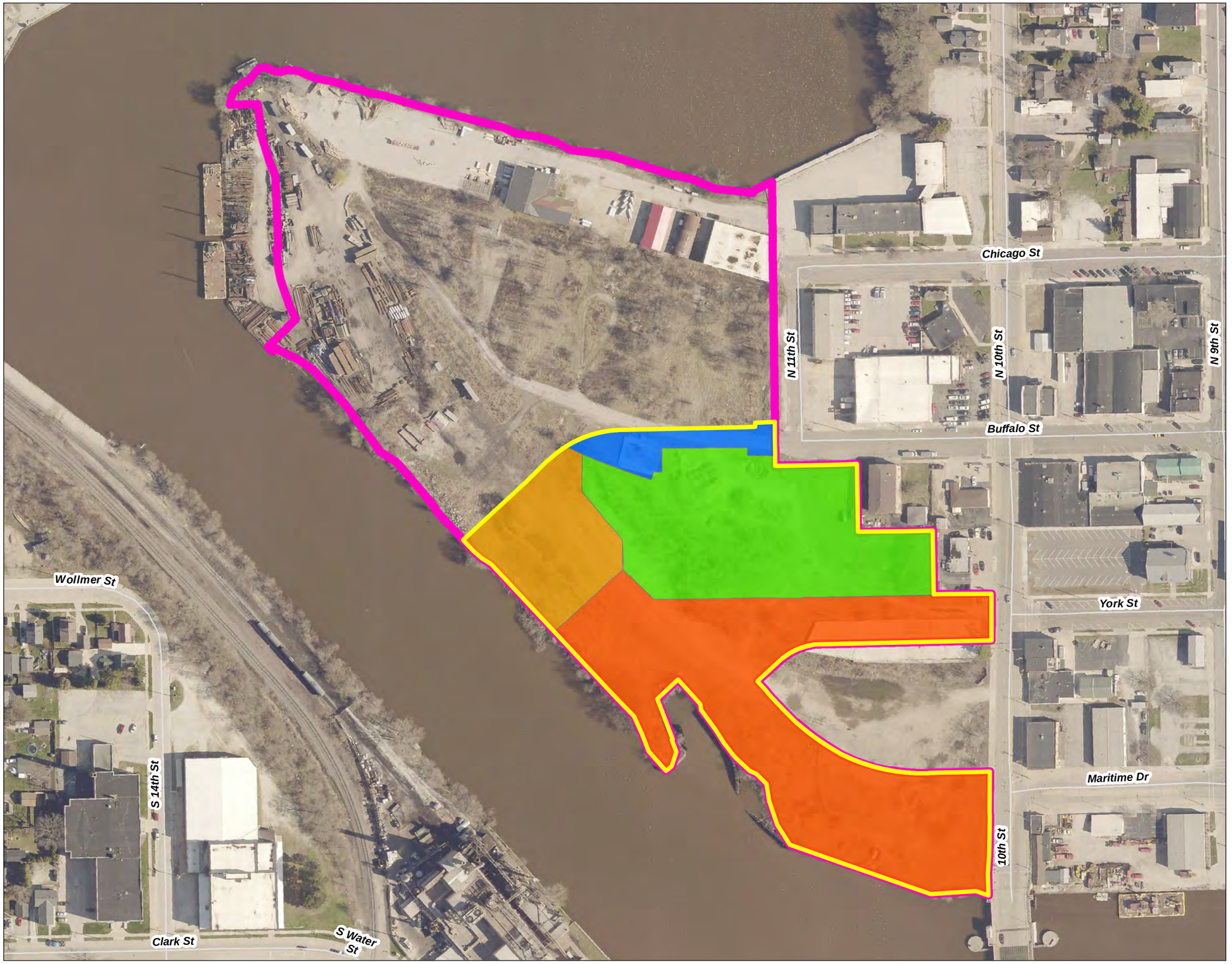

Figure No.
2

Title
Phase I Redevelopment Area and the River Point District

Client/Project
Phase I Redevelopment Area
River Point District
City of Manitowoc

0 130 260 Feet

193709261
Prepared by HLB on 5/19/2023

N

Legend

- Phase I Redevelopment Area
- Area River Point District

Site Definitions

- 1101 Buffalo Street (Site 2)
- 1110 Bufalo Street (Site 3)
- 1200 Buffalo Street (Site 5)
- 200 North 10th Street (Site 1)

Notes

1. Coordinate System: NAD 1983 StatePlane Wisconsin South FIPS 4803 Feet
2. Orthophotograph: Manitowoc County, 2017
3. Property Identification Numbers per City of Manitowoc GIS department.

Stantec

Figure No.
3

Title
Target Property, Proposed Cut, and Soil Sample Locations

Client/Project
333 Reed Ave
City of Manitowoc
USEPA Brownfield Cleanup Grant

0 50 100 Feet

193709261
Prepared by HLB on 5/19/2023

Legend

N

Soil Borings (34)

Target Property
PIN: 05281730401000

Former Hospital Building (ca. 2013)

Proposed Cut (Feet Below Current Grade)

-1.5 Feet (6)

-3.5 Feet (3)

-6.5 Feet (1)

Notes
1. Coordinate System: NAD 1983 StatePlane Wisconsin South FIPS 4803 Feet
2. The locations of the former buildings were digitized by Stantec based on an orthophotograph taken in 2013.

Stantec

ATTACHMENT A

Photographic Documentation

Stantec

Photographic Log

Client:	**City of Manitowoc**	**Project:**	**193709261**
Site Name:	**333 Reed Avenue**	**Site Location:**	**Manitowoc, Wisconsin**

Photograph ID: 1

Photo Location:

Direction:
West

Survey Date:
5/4/2023

Comments:
General conditions at the Property, as seen from the vicinity of SB-35.

Photograph ID: 2

Photo Location:

Direction:
Southeast

Survey Date:
5/4/2023

Comments:
General conditions at the Property, as seen from the vicinity of SB-35.

Client:	**City of Manitowoc**	**Project:**	**193709261**
Site Name:	**333 Reed Avenue**	**Site Location:**	**Manitowoc, Wisconsin**

Photograph ID: 3 **Photo Location:** **Direction:** North **Survey Date:** 5/4/2023 **Comments:** General conditions at the Property, as seen from the vicinity of SB-35.	
Photograph ID: 4 **Photo Location:** **Direction:** East **Survey Date:** 5/4/2023 **Comments:** General conditions at the Property, as seen from the vicinity of SB-35.	

Client:	**City of Manitowoc**	**Project:**	**193709261**
Site Name:	**333 Reed Avenue**	**Site Location:**	**Manitowoc, Wisconsin**

Photograph ID: 5 **Photo Location:** **Direction:** **Survey Date:** 5/4/2023 **Comments:** SB-3 (0-4 ft bgs).	
Photograph ID: 6 **Photo Location:** **Direction:** **Survey Date:** 5/4/2023 **Comments:** SB-4 (0-4 ft bgs).	

Client:	**City of Manitowoc**	**Project:**	**193709261**
Site Name:	**333 Reed Avenue**	**Site Location:**	**Manitowoc, Wisconsin**

Photograph ID: 7 **Photo Location:** **Direction:** **Survey Date:** 5/4/2023 **Comments:** SB-5 (0-4 ft bgs).	
Photograph ID: 8 **Photo Location:** **Direction:** **Survey Date:** 5/4/2023 **Comments:** SB-7 (0-4 ft bgs).	

Client:	**City of Manitowoc**	**Project:**	**193709261**
Site Name:	**333 Reed Avenue**	**Site Location:**	**Manitowoc, Wisconsin**

Photograph ID: 9 **Photo Location:** **Direction:** **Survey Date:** 5/4/2023 **Comments:** SB-20 (0-4 ft bgs), located on the right side of the photograph.	
Photograph ID: 10 **Photo Location:** **Direction:** **Survey Date:** 5/4/2023 **Comments:** SB-21 (0-4 ft bgs).	

Client:	**City of Manitowoc**	**Project:**	**193709261**
Site Name:	**333 Reed Avenue**	**Site Location:**	**Manitowoc, Wisconsin**

Photograph ID: 11 **Photo Location:** **Direction:** **Survey Date:** 5/4/2023 **Comments:** SB-22 (0-4 ft bgs).	
Photograph ID: 12 **Photo Location:** **Direction:** **Survey Date:** 5/5/2023 **Comments:** SB-23 (0-4 ft bgs)	

Client:	**City of Manitowoc**	**Project:**	**193709261**
Site Name:	**333 Reed Avenue**	**Site Location:**	**Manitowoc, Wisconsin**

Photograph ID: 13 **Photo Location:** **Direction:** **Survey Date:** 5/5/2023 **Comments:** SB-29 (0-4 ft bgs).	
Photograph ID: 14 **Photo Location:** **Direction:** **Survey Date:** 5/5/2023 **Comments:** SB-30 (0-8 ft bgs).	

Client:	**City of Manitowoc**	**Project:**	**193709261**
Site Name:	**333 Reed Avenue**	**Site Location:**	**Manitowoc, Wisconsin**

Photograph ID: 15	
Photo Location:	
Direction:	
Survey Date: 5/5/2023	
Comments: SB-36 (0-4 ft bgs).	

Photograph ID: 16	
Photo Location:	
Direction:	
Survey Date: 5/5/2023	
Comments: SB-40 (0-4 ft bgs).	

Client:	**City of Manitowoc**	**Project:**	**193709261**
Site Name:	**333 Reed Avenue**	**Site Location:**	**Manitowoc, Wisconsin**

Photograph ID: 17 **Photo Location:** **Direction:** **Survey Date:** 5/4/2023 **Comments:** SB-44 (0-4 ft bgs).	
Photograph ID: 18 **Photo Location:** **Direction:** **Survey Date:** 5/5/2023 **Comments:** SB-45 (0-4 ft bgs).	

ATTACHMENT B

Laboratory Report

eurofins | Environment Testing

ANALYTICAL REPORT

Data from Soil Borings SB-13, SB-14, and SB-25, are omitted from this Dataset

PREPARED FOR

Attn: Jiyan Hatami
Stantec Consulting Corp.
12080 Corporate Parkway
Mequon, Wisconsin 53092

Generated 5/18/2023 9:26:33 AM

JOB DESCRIPTION

333 Reed Avenue Soil Char - 193709261

JOB NUMBER

500-233489-1

Eurofins Chicago
2417 Bond Street
University Park IL 60484

See page two for job notes and contact information.

Eurofins Chicago

Job Notes

The test results in this report meet all NELAP requirements for parameters for which accreditation is required or available. Any exceptions to the NELAP requirements are noted in this report. Pursuant to NELAP, this report may not be reproduced, except in full, without the written approval of the laboratory. This report is confidential and is intended for the sole use of Eurofins Environment Testing North Central, LLC and its client. All questions regarding this report should be directed to the Eurofins Environment Testing North Central, LLC Project Manager who has signed this report.

Results relate only to the items tested and the sample(s) as received by the laboratory. The results, detection limits (LOD) and Quantitation Limits (LOQ) have been adjusted for sample dilutions and/or solids content.

The test results in this report relate only to the samples as received by the laboratory and will meet all requirements of the methodology, with any exceptions noted. This report shall not be reproduced except in full, without the express written approval of the laboratory. All questions should be directed to the Eurofins Chicago Project Manager.

Authorization

Generated
5/18/2023 9:26:33 AM

Authorized for release by
Sandie Fredrick, Project Manager II
Sandra.Fredrick@et.eurofinsus.com
(920)261-1660

Table of Contents

Job ID: 500-233489-1

Laboratory: Eurofins Chicago

Narrative

Job Narrative
500-233489-1

Receipt
The samples were received on 5/9/2023 8:29 AM. Unless otherwise noted below, the samples arrived in good condition, and where required, properly preserved and on ice. The temperatures of the 2 coolers at receipt time were 0.7º C and 2.2º C.

Receipt Exceptions
Sample 7 listed twice on COC. Didn't receive the 8oz jar for sample 33 so logged it in for only VOAs. Received SB-40 (0.5-1.0) for VOA, marked off on COC.

GC/MS VOA
Method 5035: sample vial has < 8 grams of soil in 10 ml of methanol. SB-2 (0.5-1.5) (500-233489-1), SB-3 (0.75-1.5) (500-233489-2), SB-4 (2-3.5) (500-233489-3), SB-5 (0-2) (500-233489-4), SB-8 (4-6) (500-233489-5), SB-9 (0-2) (500-233489-6), SB-22 (0.5-1.5) (500-233489-7), SB-13 (3.25-4) (500-233489-8), SB-12 (0.25-1.75) (500-233489-10), SB-16 (1.75-3) (500-233489-11), SB-15 (1.5-3.5) (500-233489-12), SB-37 (2-3.5) (500-233489-13), SB-27 (0.5-1) (500-233489-14), SB-29 (0.5-1.5) (500-233489-15), SB-21 (0.5-1.5) (500-233489-16), SB-25 (0-1.5) (500-233489-17), SB-26 (0-0.5) (500-233489-18), SB-20 (1.5-2) (500-233489-19), SB-28 (2-3) (500-233489-20), SB-24 (0.5-1.5) (500-233489-21), SB-30 (5-6.5) (500-233489-22), SB-34 (2-3) (500-233489-23), SB-33 (0.5-2) (500-233489-24), SB-38 (0.5-1.5) (500-233489-25), DUP (500-233489-26), SB-43 (0.75-1.5) (500-233489-27), SB-45 (0.5-1.5) (500-233489-28), SB-31 (0.5-1.5) (500-233489-29), SB-44 (0.75-1) (500-233489-30), SB-35 (1-2.5) (500-233489-31), SB-36 (0.25-2.25) (500-233489-32), SB-14 (0-2) (500-233489-33), SB-41 (0.5-1.5) (500-233489-34), SB-40 (0.5-1.5) (500-233489-35) and SB-7 (1-3) (500-233489-36)

Method 8260B: The laboratory control sample (LCS) for preparation batch 500-712293, 500-712293 and 500-712293 and analytical batch 500-713382 recovered outside control limits for the following analytes: Tetrachloroethene, Toluene and o-Xylene. These analytes were biased high in the LCS and were not detected in the associated samples; therefore, the data have been reported. This is a prepped 5035 LCS. All daily instrument LCSs were acceptable.

Method 8260B: The continuing calibration verification (CCV) associated with batch 500-713604 recovered above the upper control limit for Bromomethane. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported.

Method 8260B: The matrix spike / matrix spike duplicate (MS/MSD) precision for preparation batch 500-712296 and analytical batch 500-713616 was outside control limits. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample / laboratory sample control duplicate (LCS/LCSD) precision was within acceptance limits.

Method 8260B: The following samples were diluted due to the nature of the sample matrix: SB-2 (0.5-1.5) (500-233489-1), SB-3 (0.75-1.5) (500-233489-2), SB-4 (2-3.5) (500-233489-3), SB-5 (0-2) (500-233489-4), SB-8 (4-6) (500-233489-5), SB-9 (0-2) (500-233489-6), SB-22 (0.5-1.5) (500-233489-7), SB-13 (3.25-4) (500-233489-8), Trip Blank (500-233489-9), SB-12 (0.25-1.75) (500-233489-10), SB-16 (1.75-3) (500-233489-11), SB-15 (1.5-3.5) (500-233489-12), SB-37 (2-3.5) (500-233489-13), SB-27 (0.5-1) (500-233489-14), SB-29 (0.5-1.5) (500-233489-15), SB-21 (0.5-1.5) (500-233489-16), SB-25 (0-1.5) (500-233489-17), SB-26 (0-0.5) (500-233489-18), SB-20 (1.5-2) (500-233489-19), SB-28 (2-3) (500-233489-20), SB-24 (0.5-1.5) (500-233489-21), SB-30 (5-6.5) (500-233489-22), SB-34 (2-3) (500-233489-23), SB-33 (0.5-2) (500-233489-24), SB-38 (0.5-1.5) (500-233489-25), DUP (500-233489-26), SB-43 (0.75-1.5) (500-233489-27), SB-45 (0.5-1.5) (500-233489-28), SB-31 (0.5-1.5) (500-233489-29), SB-44 (0.75-1) (500-233489-30), SB-35 (1-2.5) (500-233489-31), SB-36 (0.25-2.25) (500-233489-32), SB-14 (0-2) (500-233489-33), SB-41 (0.5-1.5) (500-233489-34), SB-40 (0.5-1.5) (500-233489-35), SB-7 (1-3) (500-233489-36), (LB3 500-712293/21-A), (LB3 500-712296/17-A), (LCS 500-712293/22-A), (LCS 500-712296/18-A), (500-233489-A-8-A MS), (500-233489-A-36-A MS) and (500-233489-A-36-A MSD). Elevated reporting limits (RLs) are provided.

Method 8260B: The leachate method blank for preparation batch 500-712296 and analytical batch 500-713616 contained Naphthalene, 1,2,3-Trichlorobenzene and 1,2,4-Trichlorobenzene above the method detection limit. These target analyte concentrations were less than the reporting limit (RL); therefore, re-extraction and/or re-analysis of samples was not performed.

Job ID: 500-233489-1 (Continued)

Laboratory: Eurofins Chicago (Continued)

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

GC/MS Semi VOA
Method 8270E: Perylene-d12 Internal standard (ISTD) response was outside acceptance limits for the following sample: (MB 500-712490/1-A). Analytes associated to this internal standard were non-detect, therefore reanalysis was not performed.

Method 8270E: Three surrogates are used for this analysis. The laboratory's SOP allows one of these surrogates to be outside acceptance criteria without performing re-extraction. The following sample contained an allowable number of surrogate compounds outside limits: SB-16 (1.75-3) (500-233489-11). These results have been reported and qualified.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

Metals
No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

General Chemistry
No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

Organic Prep
No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

Detection Summary

Client: Stantec Consulting Corp.
Project/Site: 333 Reed Avenue Soil Char - 193709261

Job ID: 500-233489-1

Client Sample ID: SB-2 (0.5-1.5) — Lab Sample ID: 500-233489-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	4.5	F1	1.2	0.40	mg/Kg	1	☼	6010C	Total/NA
Barium	120		1.2	0.13	mg/Kg	1	☼	6010C	Total/NA
Cadmium	0.13	J B	0.24	0.043	mg/Kg	1	☼	6010C	Total/NA
Chromium	33		1.2	0.59	mg/Kg	1	☼	6010C	Total/NA
Lead	11		0.59	0.27	mg/Kg	1	☼	6010C	Total/NA
Silver	0.64		0.59	0.15	mg/Kg	1	☼	6010C	Total/NA
Mercury	0.026		0.020	0.011	mg/Kg	1	☼	7471B	Total/NA

Client Sample ID: SB-3 (0.75-1.5) — Lab Sample ID: 500-233489-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzo[a]anthracene	13	J	36	4.8	ug/Kg	1	☼	8270E	Total/NA
Benzo[b]fluoranthene	40	F1	36	7.8	ug/Kg	1	☼	8270E	Total/NA
Fluoranthene	16	J	36	6.7	ug/Kg	1	☼	8270E	Total/NA
Phenanthrene	11	J	36	5.0	ug/Kg	1	☼	8270E	Total/NA
Pyrene	13	J	36	7.1	ug/Kg	1	☼	8270E	Total/NA
Arsenic	3.3		1.0	0.34	mg/Kg	1	☼	6010C	Total/NA
Barium	56		1.0	0.11	mg/Kg	1	☼	6010C	Total/NA
Cadmium	0.12	J B	0.20	0.036	mg/Kg	1	☼	6010C	Total/NA
Chromium	20		1.0	0.50	mg/Kg	1	☼	6010C	Total/NA
Lead	7.3		0.50	0.23	mg/Kg	1	☼	6010C	Total/NA
Silver	0.35	J	0.50	0.13	mg/Kg	1	☼	6010C	Total/NA
Mercury	0.016	J	0.018	0.0094	mg/Kg	1	☼	7471B	Total/NA

Client Sample ID: SB-4 (2-3.5) — Lab Sample ID: 500-233489-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	0.78	J	1.0	0.34	mg/Kg	1	☼	6010C	Total/NA
Barium	7.2		1.0	0.11	mg/Kg	1	☼	6010C	Total/NA
Cadmium	0.082	J B	0.20	0.036	mg/Kg	1	☼	6010C	Total/NA
Chromium	3.6		1.0	0.50	mg/Kg	1	☼	6010C	Total/NA
Lead	1.6		0.50	0.23	mg/Kg	1	☼	6010C	Total/NA

Client Sample ID: SB-5 (0-2) — Lab Sample ID: 500-233489-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzo[a]anthracene	33	J	38	5.2	ug/Kg	1	☼	8270E	Total/NA
Benzo[a]pyrene	73		38	7.5	ug/Kg	1	☼	8270E	Total/NA
Benzo[b]fluoranthene	83		38	8.4	ug/Kg	1	☼	8270E	Total/NA
Benzo[g,h,i]perylene	42		38	12	ug/Kg	1	☼	8270E	Total/NA
Benzo[k]fluoranthene	20	J	38	11	ug/Kg	1	☼	8270E	Total/NA
Chrysene	37	J	38	11	ug/Kg	1	☼	8270E	Total/NA
Fluoranthene	56		38	7.2	ug/Kg	1	☼	8270E	Total/NA
Indeno[1,2,3-cd]pyrene	67		38	10	ug/Kg	1	☼	8270E	Total/NA
Phenanthrene	20	J	38	5.4	ug/Kg	1	☼	8270E	Total/NA
Pyrene	46		38	7.7	ug/Kg	1	☼	8270E	Total/NA
Arsenic	3.5		1.1	0.38	mg/Kg	1	☼	6010C	Total/NA
Barium	59		1.1	0.13	mg/Kg	1	☼	6010C	Total/NA
Cadmium	0.15	J B	0.22	0.040	mg/Kg	1	☼	6010C	Total/NA
Chromium	23		1.1	0.55	mg/Kg	1	☼	6010C	Total/NA
Lead	11		0.55	0.26	mg/Kg	1	☼	6010C	Total/NA
Silver	0.38	J	0.55	0.14	mg/Kg	1	☼	6010C	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: SB-5 (0-2) (Continued) — Lab Sample ID: 500-233489-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Mercury	0.045		0.018	0.0097	mg/Kg	1	☼	7471B	Total/NA

Client Sample ID: SB-8 (4-6) — Lab Sample ID: 500-233489-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	3.4		1.1	0.37	mg/Kg	1	☼	6010C	Total/NA
Barium	59		1.1	0.12	mg/Kg	1	☼	6010C	Total/NA
Cadmium	0.095	J B	0.22	0.039	mg/Kg	1	☼	6010C	Total/NA
Chromium	18		1.1	0.54	mg/Kg	1	☼	6010C	Total/NA
Lead	6.7		0.55	0.25	mg/Kg	1	☼	6010C	Total/NA
Silver	0.35	J	0.55	0.14	mg/Kg	1	☼	6010C	Total/NA

Client Sample ID: SB-9 (0-2) — Lab Sample ID: 500-233489-6

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	4.4		1.1	0.37	mg/Kg	1	☼	6010C	Total/NA
Barium	85		1.1	0.12	mg/Kg	1	☼	6010C	Total/NA
Cadmium	0.14	J B	0.22	0.039	mg/Kg	1	☼	6010C	Total/NA
Chromium	31		1.1	0.54	mg/Kg	1	☼	6010C	Total/NA
Lead	10		0.54	0.25	mg/Kg	1	☼	6010C	Total/NA
Silver	0.40	J	0.54	0.14	mg/Kg	1	☼	6010C	Total/NA
Mercury	0.031		0.019	0.010	mg/Kg	1	☼	7471B	Total/NA

Client Sample ID: SB-22 (0.5-1.5) — Lab Sample ID: 500-233489-7

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzo[a]anthracene	16	J	36	4.9	ug/Kg	1	☼	8270E	Total/NA
Benzo[a]pyrene	46		36	7.0	ug/Kg	1	☼	8270E	Total/NA
Benzo[b]fluoranthene	47		36	7.8	ug/Kg	1	☼	8270E	Total/NA
Benzo[g,h,i]perylene	12	J	36	12	ug/Kg	1	☼	8270E	Total/NA
Chrysene	12	J	36	9.9	ug/Kg	1	☼	8270E	Total/NA
Fluoranthene	22	J	36	6.7	ug/Kg	1	☼	8270E	Total/NA
Indeno[1,2,3-cd]pyrene	31	J	36	9.4	ug/Kg	1	☼	8270E	Total/NA
Phenanthrene	12	J	36	5.0	ug/Kg	1	☼	8270E	Total/NA
Pyrene	18	J	36	7.2	ug/Kg	1	☼	8270E	Total/NA
Arsenic	1.4		1.1	0.36	mg/Kg	1	☼	6010C	Total/NA
Barium	12		1.1	0.12	mg/Kg	1	☼	6010C	Total/NA
Cadmium	0.082	J B	0.21	0.038	mg/Kg	1	☼	6010C	Total/NA
Chromium	4.9		1.1	0.52	mg/Kg	1	☼	6010C	Total/NA
Lead	4.5		0.53	0.24	mg/Kg	1	☼	6010C	Total/NA
Silver	0.14	J	0.53	0.14	mg/Kg	1	☼	6010C	Total/NA
Mercury	0.018		0.016	0.0087	mg/Kg	1	☼	7471B	Total/NA

Data Omitted

This Detection Summary does not include radiochemical test results.

Data Omitted

Client Sample ID: Trip Blank — Lab Sample ID: 500-233489-9

No Detections.

Client Sample ID: SB-12 (0.25-1.75) — Lab Sample ID: 500-233489-10

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	3.3		1.0	0.35	mg/Kg	1	☼	6010C	Total/NA
Barium	69		1.0	0.12	mg/Kg	1	☼	6010C	Total/NA
Cadmium	0.12	J B	0.20	0.037	mg/Kg	1	☼	6010C	Total/NA
Chromium	27		1.0	0.51	mg/Kg	1	☼	6010C	Total/NA
Lead	8.3		0.51	0.24	mg/Kg	1	☼	6010C	Total/NA
Silver	0.57		0.51	0.13	mg/Kg	1	☼	6010C	Total/NA
Mercury	0.031		0.019	0.010	mg/Kg	1	☼	7471B	Total/NA

Client Sample ID: SB-16 (1.75-3) — Lab Sample ID: 500-233489-11

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	1.8		1.1	0.37	mg/Kg	1	☼	6010C	Total/NA
Barium	32		1.1	0.12	mg/Kg	1	☼	6010C	Total/NA
Cadmium	0.092	J B	0.22	0.039	mg/Kg	1	☼	6010C	Total/NA
Chromium	10		1.1	0.54	mg/Kg	1	☼	6010C	Total/NA
Lead	7.0		0.54	0.25	mg/Kg	1	☼	6010C	Total/NA
Silver	0.23	J	0.54	0.14	mg/Kg	1	☼	6010C	Total/NA
Mercury	0.015	J	0.021	0.011	mg/Kg	1	☼	7471B	Total/NA

Client Sample ID: SB-15 (1.5-3.5) — Lab Sample ID: 500-233489-12

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	1.1		1.1	0.38	mg/Kg	1	☼	6010C	Total/NA
Barium	14		1.1	0.13	mg/Kg	1	☼	6010C	Total/NA
Cadmium	0.071	J B	0.22	0.040	mg/Kg	1	☼	6010C	Total/NA
Chromium	5.5		1.1	0.54	mg/Kg	1	☼	6010C	Total/NA
Lead	2.6		0.55	0.25	mg/Kg	1	☼	6010C	Total/NA
Silver	0.16	J	0.55	0.14	mg/Kg	1	☼	6010C	Total/NA

This Detection Summary does not include radiochemical test results.

Detection Summary

Client: Stantec Consulting Corp.
Job ID: 500-233489-1
Project/Site: 333 Reed Avenue Soil Char - 193709261

Client Sample ID: SB-37 (2-3.5) — Lab Sample ID: 500-233489-13

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzo[a]anthracene	23	J	38	5.1	ug/Kg	1	☼	8270E	Total/NA
Benzo[a]pyrene	55		38	7.3	ug/Kg	1	☼	8270E	Total/NA
Benzo[b]fluoranthene	55		38	8.2	ug/Kg	1	☼	8270E	Total/NA
Benzo[g,h,i]perylene	18	J	38	12	ug/Kg	1	☼	8270E	Total/NA
Chrysene	20	J	38	10	ug/Kg	1	☼	8270E	Total/NA
Fluoranthene	33	J	38	7.0	ug/Kg	1	☼	8270E	Total/NA
Phenanthrene	15	J	38	5.3	ug/Kg	1	☼	8270E	Total/NA
Pyrene	28	J	38	7.5	ug/Kg	1	☼	8270E	Total/NA
Arsenic	3.2		1.2	0.40	mg/Kg	1	☼	6010C	Total/NA
Barium	67		1.2	0.13	mg/Kg	1	☼	6010C	Total/NA
Cadmium	0.12	J B	0.23	0.042	mg/Kg	1	☼	6010C	Total/NA
Chromium	20		1.2	0.58	mg/Kg	1	☼	6010C	Total/NA
Lead	6.9		0.58	0.27	mg/Kg	1	☼	6010C	Total/NA
Silver	0.37	J	0.58	0.15	mg/Kg	1	☼	6010C	Total/NA

Client Sample ID: SB-27 (0.5-1) — Lab Sample ID: 500-233489-14

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Anthracene	12	J	37	6.2	ug/Kg	1	☼	8270E	Total/NA
Benzo[a]anthracene	67		37	5.0	ug/Kg	1	☼	8270E	Total/NA
Benzo[a]pyrene	94		37	7.1	ug/Kg	1	☼	8270E	Total/NA
Benzo[b]fluoranthene	110		37	8.0	ug/Kg	1	☼	8270E	Total/NA
Benzo[g,h,i]perylene	55		37	12	ug/Kg	1	☼	8270E	Total/NA
Benzo[k]fluoranthene	29	J	37	11	ug/Kg	1	☼	8270E	Total/NA
Chrysene	62		37	10	ug/Kg	1	☼	8270E	Total/NA
Fluoranthene	110		37	6.8	ug/Kg	1	☼	8270E	Total/NA
Indeno[1,2,3-cd]pyrene	89		37	9.6	ug/Kg	1	☼	8270E	Total/NA
Phenanthrene	45		37	5.1	ug/Kg	1	☼	8270E	Total/NA
Pyrene	93		37	7.3	ug/Kg	1	☼	8270E	Total/NA
Arsenic	0.96	J	1.1	0.37	mg/Kg	1	☼	6010C	Total/NA
Barium	13		1.1	0.12	mg/Kg	1	☼	6010C	Total/NA
Cadmium	0.075	J B	0.21	0.038	mg/Kg	1	☼	6010C	Total/NA
Chromium	4.7		1.1	0.53	mg/Kg	1	☼	6010C	Total/NA
Lead	4.7		0.53	0.25	mg/Kg	1	☼	6010C	Total/NA
Mercury	0.010	J	0.017	0.0091	mg/Kg	1	☼	7471B	Total/NA

Client Sample ID: SB-29 (0.5-1.5) — Lab Sample ID: 500-233489-15

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzo[a]anthracene	16	J	36	4.9	ug/Kg	1	☼	8270E	Total/NA
Benzo[a]pyrene	45		36	7.0	ug/Kg	1	☼	8270E	Total/NA
Benzo[b]fluoranthene	44		36	7.8	ug/Kg	1	☼	8270E	Total/NA
Fluoranthene	17	J	36	6.7	ug/Kg	1	☼	8270E	Total/NA
Indeno[1,2,3-cd]pyrene	27	J	36	9.4	ug/Kg	1	☼	8270E	Total/NA
Phenanthrene	11	J	36	5.1	ug/Kg	1	☼	8270E	Total/NA
Pyrene	14	J	36	7.2	ug/Kg	1	☼	8270E	Total/NA
Arsenic	1.1		1.0	0.35	mg/Kg	1	☼	6010C	Total/NA
Barium	17		1.0	0.12	mg/Kg	1	☼	6010C	Total/NA
Cadmium	0.11	J B	0.21	0.037	mg/Kg	1	☼	6010C	Total/NA
Chromium	5.9		1.0	0.51	mg/Kg	1	☼	6010C	Total/NA
Lead	13		0.52	0.24	mg/Kg	1	☼	6010C	Total/NA
Silver	0.15	J	0.52	0.13	mg/Kg	1	☼	6010C	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: SB-29 (0.5-1.5) (Continued)

Lab Sample ID: 500-233489-15

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Mercury	0.14		0.018	0.0096	mg/Kg	1	☼	7471B	Total/NA

Client Sample ID: SB-21 (0.5-1.5)

Lab Sample ID: 500-233489-16

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	0.39	J	1.1	0.37	mg/Kg	1	☼	6010C	Total/NA
Barium	5.0		1.1	0.12	mg/Kg	1	☼	6010C	Total/NA
Cadmium	0.050	J B	0.22	0.039	mg/Kg	1	☼	6010C	Total/NA
Chromium	3.3		1.1	0.54	mg/Kg	1	☼	6010C	Total/NA
Lead	1.4		0.54	0.25	mg/Kg	1	☼	6010C	Total/NA
Silver	0.14	J	0.54	0.14	mg/Kg	1	☼	6010C	Total/NA

Data Omitted

Client Sample ID: SB-26 (0-0.5)

Lab Sample ID: 500-233489-18

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Anthracene	6.8	J	38	6.3	ug/Kg	1	☼	8270E	Total/NA
Benzo[a]anthracene	49		38	5.1	ug/Kg	1	☼	8270E	Total/NA
Benzo[a]pyrene	85		38	7.3	ug/Kg	1	☼	8270E	Total/NA
Benzo[b]fluoranthene	97		38	8.2	ug/Kg	1	☼	8270E	Total/NA
Benzo[g,h,i]perylene	62		38	12	ug/Kg	1	☼	8270E	Total/NA
Benzo[k]fluoranthene	27	J	38	11	ug/Kg	1	☼	8270E	Total/NA
Chrysene	48		38	10	ug/Kg	1	☼	8270E	Total/NA
Dibenz(a,h)anthracene	45		38	7.3	ug/Kg	1	☼	8270E	Total/NA
Fluoranthene	82		38	7.0	ug/Kg	1	☼	8270E	Total/NA
Indeno[1,2,3-cd]pyrene	85		38	9.8	ug/Kg	1	☼	8270E	Total/NA
Phenanthrene	35	J	38	5.3	ug/Kg	1	☼	8270E	Total/NA
Pyrene	72		38	7.5	ug/Kg	1	☼	8270E	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: SB-26 (0-0.5) (Continued) — Lab Sample ID: 500-233489-18

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	2.3		0.98	0.34	mg/Kg	1	☼	6010C	Total/NA
Barium	38		0.98	0.11	mg/Kg	1	☼	6010C	Total/NA
Cadmium	0.16	J B	0.20	0.035	mg/Kg	1	☼	6010C	Total/NA
Chromium	11		0.98	0.49	mg/Kg	1	☼	6010C	Total/NA
Lead	8.6		0.49	0.23	mg/Kg	1	☼	6010C	Total/NA
Silver	0.23	J	0.49	0.13	mg/Kg	1	☼	6010C	Total/NA
Mercury	0.036		0.019	0.0098	mg/Kg	1	☼	7471B	Total/NA

Client Sample ID: SB-20 (1.5-2) — Lab Sample ID: 500-233489-19

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Pyrene	8.0	J	38	7.7	ug/Kg	1	☼	8270E	Total/NA
Arsenic	3.3		1.1	0.39	mg/Kg	1	☼	6010C	Total/NA
Barium	74		1.1	0.13	mg/Kg	1	☼	6010C	Total/NA
Cadmium	0.14	J B	0.23	0.041	mg/Kg	1	☼	6010C	Total/NA
Chromium	21		1.1	0.56	mg/Kg	1	☼	6010C	Total/NA
Lead	9.0		0.57	0.26	mg/Kg	1	☼	6010C	Total/NA
Silver	0.40	J	0.57	0.15	mg/Kg	1	☼	6010C	Total/NA
Mercury	0.013	J	0.018	0.0096	mg/Kg	1	☼	7471B	Total/NA

Client Sample ID: SB-28 (2-3) — Lab Sample ID: 500-233489-20

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	3.0		0.98	0.33	mg/Kg	1	☼	6010C	Total/NA
Barium	45		0.98	0.11	mg/Kg	1	☼	6010C	Total/NA
Cadmium	0.085	J B	0.20	0.035	mg/Kg	1	☼	6010C	Total/NA
Chromium	19		0.98	0.48	mg/Kg	1	☼	6010C	Total/NA
Lead	7.3		0.49	0.23	mg/Kg	1	☼	6010C	Total/NA
Silver	0.46	J	0.49	0.13	mg/Kg	1	☼	6010C	Total/NA
Mercury	0.019		0.018	0.0093	mg/Kg	1	☼	7471B	Total/NA

Client Sample ID: SB-24 (0.5-1.5) — Lab Sample ID: 500-233489-21

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Phenanthrene	14	J	39	5.5	ug/Kg	1	☼	8270E	Total/NA
Arsenic	4.1		1.0	0.35	mg/Kg	1	☼	6010C	Total/NA
Barium	73		1.0	0.12	mg/Kg	1	☼	6010C	Total/NA
Cadmium	0.15	J B	0.21	0.037	mg/Kg	1	☼	6010C	Total/NA
Chromium	27		1.0	0.51	mg/Kg	1	☼	6010C	Total/NA
Lead	12		0.51	0.24	mg/Kg	1	☼	6010C	Total/NA
Silver	0.44	J	0.51	0.13	mg/Kg	1	☼	6010C	Total/NA
Mercury	0.021		0.019	0.010	mg/Kg	1	☼	7471B	Total/NA

Client Sample ID: SB-30 (5-6.5) — Lab Sample ID: 500-233489-22

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	1.9		1.0	0.35	mg/Kg	1	☼	6010C	Total/NA
Barium	13		1.0	0.12	mg/Kg	1	☼	6010C	Total/NA
Cadmium	0.068	J	0.21	0.037	mg/Kg	1	☼	6010C	Total/NA
Chromium	6.0		1.0	0.51	mg/Kg	1	☼	6010C	Total/NA
Lead	2.3		0.52	0.24	mg/Kg	1	☼	6010C	Total/NA

This Detection Summary does not include radiochemical test results.

Detection Summary

Client: Stantec Consulting Corp.
Project/Site: 333 Reed Avenue Soil Char - 193709261

Job ID: 500-233489-1

Client Sample ID: SB-34 (2-3) — Lab Sample ID: 500-233489-23

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	2.4		1.1	0.38	mg/Kg	1	☼	6010C	Total/NA
Barium	64		1.1	0.13	mg/Kg	1	☼	6010C	Total/NA
Cadmium	0.11	J	0.22	0.040	mg/Kg	1	☼	6010C	Total/NA
Chromium	22		1.1	0.55	mg/Kg	1	☼	6010C	Total/NA
Lead	5.6		0.55	0.26	mg/Kg	1	☼	6010C	Total/NA
Silver	0.30	J	0.55	0.14	mg/Kg	1	☼	6010C	Total/NA

Client Sample ID: SB-33 (0.5-2) — Lab Sample ID: 500-233489-24

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	2.5		1.0	0.35	mg/Kg	1	☼	6010C	Total/NA
Barium	41		1.0	0.12	mg/Kg	1	☼	6010C	Total/NA
Cadmium	0.12	J	0.20	0.037	mg/Kg	1	☼	6010C	Total/NA
Chromium	20		1.0	0.50	mg/Kg	1	☼	6010C	Total/NA
Lead	4.3		0.51	0.24	mg/Kg	1	☼	6010C	Total/NA
Silver	0.25	J	0.51	0.13	mg/Kg	1	☼	6010C	Total/NA
Mercury	0.012	J	0.019	0.010	mg/Kg	1	☼	7471B	Total/NA

Client Sample ID: SB-38 (0.5-1.5) — Lab Sample ID: 500-233489-25

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	0.91	J	1.1	0.37	mg/Kg	1	☼	6010C	Total/NA
Barium	10		1.1	0.12	mg/Kg	1	☼	6010C	Total/NA
Cadmium	0.090	J	0.21	0.038	mg/Kg	1	☼	6010C	Total/NA
Chromium	3.8		1.1	0.53	mg/Kg	1	☼	6010C	Total/NA
Lead	1.4		0.53	0.25	mg/Kg	1	☼	6010C	Total/NA
Silver	0.15	J	0.53	0.14	mg/Kg	1	☼	6010C	Total/NA

Client Sample ID: DUP — Lab Sample ID: 500-233489-26

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	0.91	J	1.0	0.35	mg/Kg	1	☼	6010C	Total/NA
Barium	6.1		1.0	0.12	mg/Kg	1	☼	6010C	Total/NA
Cadmium	0.081	J	0.21	0.037	mg/Kg	1	☼	6010C	Total/NA
Chromium	3.4		1.0	0.51	mg/Kg	1	☼	6010C	Total/NA
Lead	1.3		0.51	0.24	mg/Kg	1	☼	6010C	Total/NA

Client Sample ID: SB-43 (0.75-1.5) — Lab Sample ID: 500-233489-27

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzo[a]anthracene	10	J	39	5.3	ug/Kg	1	☼	8270E	Total/NA
Indeno[1,2,3-cd]pyrene	11	J	39	10	ug/Kg	1	☼	8270E	Total/NA
Arsenic	3.0		1.1	0.38	mg/Kg	1	☼	6010C	Total/NA
Barium	47		1.1	0.13	mg/Kg	1	☼	6010C	Total/NA
Cadmium	0.099	J	0.22	0.039	mg/Kg	1	☼	6010C	Total/NA
Chromium	19		1.1	0.54	mg/Kg	1	☼	6010C	Total/NA
Lead	6.5		0.55	0.25	mg/Kg	1	☼	6010C	Total/NA
Silver	0.36	J	0.55	0.14	mg/Kg	1	☼	6010C	Total/NA
Mercury	0.028		0.020	0.010	mg/Kg	1	☼	7471B	Total/NA

This Detection Summary does not include radiochemical test results.

Detection Summary

Client: Stantec Consulting Corp.
Project/Site: 333 Reed Avenue Soil Char - 193709261

Job ID: 500-233489-1

Client Sample ID: SB-45 (0.5-1.5) — Lab Sample ID: 500-233489-28

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,2,3-Trichlorobenzene	63	J B	88	40	ug/Kg	50	☼	8260B	Total/NA
1,2,4-Trichlorobenzene	56	J B	88	30	ug/Kg	50	☼	8260B	Total/NA
Naphthalene	31	J B	88	29	ug/Kg	50	☼	8260B	Total/NA
Arsenic	3.1		1.1	0.39	mg/Kg	1	☼	6010C	Total/NA
Barium	50		1.1	0.13	mg/Kg	1	☼	6010C	Total/NA
Cadmium	0.10	J	0.23	0.041	mg/Kg	1	☼	6010C	Total/NA
Chromium	18		1.1	0.56	mg/Kg	1	☼	6010C	Total/NA
Lead	5.3		0.56	0.26	mg/Kg	1	☼	6010C	Total/NA
Silver	0.28	J	0.56	0.15	mg/Kg	1	☼	6010C	Total/NA

Client Sample ID: SB-31 (0.5-1.5) — Lab Sample ID: 500-233489-29

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	3.2		1.2	0.40	mg/Kg	1	☼	6010C	Total/NA
Barium	51		1.2	0.13	mg/Kg	1	☼	6010C	Total/NA
Cadmium	0.10	J	0.24	0.043	mg/Kg	1	☼	6010C	Total/NA
Chromium	16		1.2	0.58	mg/Kg	1	☼	6010C	Total/NA
Lead	5.4		0.59	0.27	mg/Kg	1	☼	6010C	Total/NA
Silver	0.33	J	0.59	0.15	mg/Kg	1	☼	6010C	Total/NA

Client Sample ID: SB-44 (0.75-1) — Lab Sample ID: 500-233489-30

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzo[a]anthracene	8.3	J	38	5.1	ug/Kg	1	☼	8270E	Total/NA
Arsenic	2.5		0.99	0.34	mg/Kg	1	☼	6010C	Total/NA
Barium	48		0.99	0.11	mg/Kg	1	☼	6010C	Total/NA
Cadmium	0.11	J	0.20	0.036	mg/Kg	1	☼	6010C	Total/NA
Chromium	19		0.99	0.49	mg/Kg	1	☼	6010C	Total/NA
Lead	6.1		0.49	0.23	mg/Kg	1	☼	6010C	Total/NA
Silver	0.34	J	0.49	0.13	mg/Kg	1	☼	6010C	Total/NA
Mercury	0.019		0.017	0.0091	mg/Kg	1	☼	7471B	Total/NA

Client Sample ID: SB-35 (1-2.5) — Lab Sample ID: 500-233489-31

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	3.1		1.1	0.36	mg/Kg	1	☼	6010C	Total/NA
Barium	55		1.1	0.12	mg/Kg	1	☼	6010C	Total/NA
Cadmium	0.14	J	0.21	0.038	mg/Kg	1	☼	6010C	Total/NA
Chromium	16		1.1	0.52	mg/Kg	1	☼	6010C	Total/NA
Lead	5.6		0.53	0.24	mg/Kg	1	☼	6010C	Total/NA
Silver	0.34	J	0.53	0.14	mg/Kg	1	☼	6010C	Total/NA

Client Sample ID: SB-36 (0.25-2.25) — Lab Sample ID: 500-233489-32

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	4.4		1.0	0.36	mg/Kg	1	☼	6010C	Total/NA
Barium	62		1.0	0.12	mg/Kg	1	☼	6010C	Total/NA
Cadmium	0.13	J	0.21	0.037	mg/Kg	1	☼	6010C	Total/NA
Chromium	23		1.0	0.51	mg/Kg	1	☼	6010C	Total/NA
Lead	7.1		0.52	0.24	mg/Kg	1	☼	6010C	Total/NA
Silver	0.44	J	0.52	0.13	mg/Kg	1	☼	6010C	Total/NA
Mercury	0.015	J	0.019	0.0098	mg/Kg	1	☼	7471B	Total/NA

This Detection Summary does not include radiochemical test results.

Omitted

Client Sample ID: SB-41 (0.5-1.5)
Lab Sample ID: 500-233489-34

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzo[a]anthracene	34	J	44	5.9	ug/Kg	1	☼	8270E	Total/NA
Benzo[a]pyrene	25	J	44	8.5	ug/Kg	1	☼	8270E	Total/NA
Benzo[b]fluoranthene	28	J	44	9.5	ug/Kg	1	☼	8270E	Total/NA
Chrysene	26	J	44	12	ug/Kg	1	☼	8270E	Total/NA
Dibenz(a,h)anthracene	14	J	44	8.5	ug/Kg	1	☼	8270E	Total/NA
Fluoranthene	52		44	8.1	ug/Kg	1	☼	8270E	Total/NA
Indeno[1,2,3-cd]pyrene	26	J	44	11	ug/Kg	1	☼	8270E	Total/NA
Phenanthrene	36	J	44	6.1	ug/Kg	1	☼	8270E	Total/NA
Pyrene	47		44	8.7	ug/Kg	1	☼	8270E	Total/NA
Arsenic	3.8		1.3	0.45	mg/Kg	1	☼	6010C	Total/NA
Barium	87		1.3	0.15	mg/Kg	1	☼	6010C	Total/NA
Cadmium	0.35		0.27	0.048	mg/Kg	1	☼	6010C	Total/NA
Chromium	20		1.3	0.66	mg/Kg	1	☼	6010C	Total/NA
Lead	14		0.66	0.31	mg/Kg	1	☼	6010C	Total/NA
Silver	0.45	J	0.66	0.17	mg/Kg	1	☼	6010C	Total/NA
Mercury	0.044		0.020	0.011	mg/Kg	1	☼	7471B	Total/NA

Client Sample ID: SB-40 (0.5-1.5)
Lab Sample ID: 500-233489-35

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzo[a]anthracene	13	J	38	5.2	ug/Kg	1	☼	8270E	Total/NA
Benzo[b]fluoranthene	8.3	J	38	8.3	ug/Kg	1	☼	8270E	Total/NA
Fluoranthene	12	J	38	7.2	ug/Kg	1	☼	8270E	Total/NA
Indeno[1,2,3-cd]pyrene	11	J	38	10	ug/Kg	1	☼	8270E	Total/NA
Phenanthrene	7.7	J	38	5.4	ug/Kg	1	☼	8270E	Total/NA
Pyrene	11	J	38	7.7	ug/Kg	1	☼	8270E	Total/NA
Arsenic	5.1		1.1	0.39	mg/Kg	1	☼	6010C	Total/NA
Barium	77		1.1	0.13	mg/Kg	1	☼	6010C	Total/NA
Cadmium	0.12	J	0.23	0.041	mg/Kg	1	☼	6010C	Total/NA
Chromium	26		1.1	0.57	mg/Kg	1	☼	6010C	Total/NA
Lead	8.6		0.57	0.26	mg/Kg	1	☼	6010C	Total/NA
Silver	0.53	J	0.57	0.15	mg/Kg	1	☼	6010C	Total/NA
Mercury	0.020		0.019	0.010	mg/Kg	1	☼	7471B	Total/NA

Client Sample ID: SB-7 (1-3)
Lab Sample ID: 500-233489-36

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzo[a]anthracene	15	J	39	5.3	ug/Kg	1	☼	8270E	Total/NA
Benzo[a]pyrene	13	J	39	7.7	ug/Kg	1	☼	8270E	Total/NA
Benzo[b]fluoranthene	18	J	39	8.6	ug/Kg	1	☼	8270E	Total/NA
Chrysene	12	J	39	11	ug/Kg	1	☼	8270E	Total/NA
Fluoranthene	17	J	39	7.4	ug/Kg	1	☼	8270E	Total/NA
Indeno[1,2,3-cd]pyrene	19	J	39	10	ug/Kg	1	☼	8270E	Total/NA
Pyrene	17	J	39	7.9	ug/Kg	1	☼	8270E	Total/NA
Arsenic	3.1		1.1	0.36	mg/Kg	1	☼	6010C	Total/NA
Barium	58		1.1	0.12	mg/Kg	1	☼	6010C	Total/NA
Cadmium	0.16	J	0.21	0.038	mg/Kg	1	☼	6010C	Total/NA
Chromium	16		1.1	0.52	mg/Kg	1	☼	6010C	Total/NA
Lead	6.6		0.53	0.24	mg/Kg	1	☼	6010C	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: SB-7 (1-3) (Continued)
Lab Sample ID: 500-233489-36

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Silver	0.31	J	0.53	0.14	mg/Kg	1	☼	6010C	Total/NA

This Detection Summary does not include radiochemical test results.

Method Summary

Client: Stantec Consulting Corp.
Job ID: 500-233489-1
Project/Site: 333 Reed Avenue Soil Char - 193709261

Method	Method Description	Protocol	Laboratory
8260B	Volatile Organic Compounds (GC/MS)	SW846	EET CHI
8270E	Semivolatile Organic Compounds (GC/MS)	SW846	EET CHI
6010C	Metals (ICP)	SW846	EET CHI
7471B	Mercury (CVAA)	SW846	EET CHI
Moisture	Percent Moisture	EPA	EET CHI
3050B	Preparation, Metals	SW846	EET CHI
3541	Automated Soxhlet Extraction	SW846	EET CHI
5035	Closed System Purge and Trap	SW846	EET CHI
7471B	Preparation, Mercury	SW846	EET CHI

Protocol References:

EPA = US Environmental Protection Agency

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

EET CHI = Eurofins Chicago, 2417 Bond Street, University Park, IL 60484, TEL (708)534-5200

Sample Summary

Client: Stantec Consulting Corp.
Project/Site: 333 Reed Avenue Soil Char - 193709261

Job ID: 500-233489-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
500-233489-1	SB-2 (0.5-1.5)	Solid	05/05/23 09:50	05/09/23 08:29
500-233489-2	SB-3 (0.75-1.5)	Solid	05/04/23 12:00	05/09/23 08:29
500-233489-3	SB-4 (2-3.5)	Solid	05/04/23 14:45	05/09/23 08:29
500-233489-4	SB-5 (0-2)	Solid	05/04/23 11:45	05/09/23 08:29
500-233489-5	SB-8 (4-6)	Solid	05/04/23 14:15	05/09/23 08:29
500-233489-6	SB-9 (0-2)	Solid	05/05/23 10:00	05/09/23 08:29
500-233489-7	SB-22 (0.5-1.5)	Solid	05/04/23 14:40	05/09/23 08:29
500-233489-8	SB-13 (3.25-4)	Solid	05/04/23 14:35	05/09/23 08:29
500-233489-9	Trip Blank	Solid	05/04/23 00:00	05/09/23 08:29
500-233489-10	SB-12 (0.25-1.75)	Solid	05/04/23 13:50	05/09/23 08:29
500-233489-11	SB-16 (1.75-3)	Solid	05/04/23 14:05	05/09/23 08:29
500-233489-12	SB-15 (1.5-3.5)	Solid	05/04/23 11:30	05/09/23 08:29
500-233489-13	SB-37 (2-3.5)	Solid	05/04/23 15:05	05/09/23 08:29
500-233489-14	SB-27 (0.5-1)	Solid	05/05/23 12:20	05/09/23 08:29
500-233489-15	SB-29 (0.5-1.5)	Solid	05/05/23 11:40	05/09/23 08:29
500-233489-16	SB-21 (0.5-1.5)	Solid	05/04/23 11:15	05/09/23 08:29
500-233489-17	SB-25 (0-1.5)	Solid	05/05/23 10:40	05/09/23 08:29
500-233489-18	SB-26 (0-0.5)	Solid	05/04/23 11:10	05/09/23 08:29
500-233489-19	SB-20 (1.5-2)	Solid	05/04/23 14:20	05/09/23 08:29
500-233489-20	SB-28 (2-3)	Solid	05/04/23 15:00	05/09/23 08:29
500-233489-21	SB-24 (0.5-1.5)	Solid	05/05/23 11:30	05/09/23 08:29
500-233489-22	SB-30 (5-6.5)	Solid	05/05/23 11:00	05/09/23 08:29
500-233489-23	SB-34 (2-3)	Solid	05/04/23 10:05	05/09/23 08:29
500-233489-24	SB-33 (0.5-2)	Solid	05/04/23 10:08	05/09/23 08:29
500-233489-25	SB-38 (0.5-1.5)	Solid	05/05/23 12:00	05/09/23 08:29
500-233489-26	DUP	Solid	05/04/23 11:35	05/09/23 08:29
500-233489-27	SB-43 (0.75-1.5)	Solid	05/04/23 10:50	05/09/23 08:29
500-233489-28	SB-45 (0.5-1.5)	Solid	05/05/23 12:15	05/09/23 08:29
500-233489-29	SB-31 (0.5-1.5)	Solid	05/04/23 10:40	05/09/23 08:29
500-233489-30	SB-44 (0.75-1)	Solid	05/04/23 11:00	05/09/23 08:29
500-233489-31	SB-35 (1-2.5)	Solid	05/04/23 10:00	05/09/23 08:29
500-233489-32	SB-36 (0.25-2.25)	Solid	05/04/23 12:10	05/09/23 08:29
500-233489-33	SB-14 (0-2)	Solid	05/05/23 10:10	05/09/23 08:29
500-233489-34	SB-41 (0.5-1.5)	Solid	05/05/23 10:20	05/09/23 08:29
500-233489-35	SB-40 (0.5-1.5)	Solid	05/04/23 11:45	05/09/23 08:29
500-233489-36	SB-7 (1-3)	Solid	05/05/23 13:45	05/09/23 08:29

Client: Stantec Consulting Corp.
Project/Site: 333 Reed Avenue Soil Char - 193709261

Job ID: 500-233489-1

Client Sample ID: SB-2 (0.5-1.5)
Date Collected: 05/05/23 09:50
Date Received: 05/09/23 08:29

Lab Sample ID: 500-233489-1
Matrix: Solid
Percent Solids: 78.0

Method: SW846 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<43		94	43	ug/Kg	☼	05/05/23 09:50	05/16/23 03:32	50
1,1,1-Trichloroethane	<36		94	36	ug/Kg	☼	05/05/23 09:50	05/16/23 03:32	50
1,1,2,2-Tetrachloroethane	<37		94	37	ug/Kg	☼	05/05/23 09:50	05/16/23 03:32	50
1,1,2-Trichloroethane	<33		94	33	ug/Kg	☼	05/05/23 09:50	05/16/23 03:32	50
1,1-Dichloroethane	<38		94	38	ug/Kg	☼	05/05/23 09:50	05/16/23 03:32	50
1,1-Dichloroethene	<37		94	37	ug/Kg	☼	05/05/23 09:50	05/16/23 03:32	50
1,1-Dichloropropene	<28		94	28	ug/Kg	☼	05/05/23 09:50	05/16/23 03:32	50
1,2,3-Trichlorobenzene	<43		94	43	ug/Kg	☼	05/05/23 09:50	05/16/23 03:32	50
1,2,3-Trichloropropane	<39		190	39	ug/Kg	☼	05/05/23 09:50	05/16/23 03:32	50
1,2,4-Trichlorobenzene	<32		94	32	ug/Kg	☼	05/05/23 09:50	05/16/23 03:32	50
1,2,4-Trimethylbenzene	<34		94	34	ug/Kg	☼	05/05/23 09:50	05/16/23 03:32	50
1,2-Dibromo-3-Chloropropane	<190		470	190	ug/Kg	☼	05/05/23 09:50	05/16/23 03:32	50
1,2-Dibromoethane	<36		94	36	ug/Kg	☼	05/05/23 09:50	05/16/23 03:32	50
1,2-Dichlorobenzene	<31		94	31	ug/Kg	☼	05/05/23 09:50	05/16/23 03:32	50
1,2-Dichloroethane	<37		94	37	ug/Kg	☼	05/05/23 09:50	05/16/23 03:32	50
1,2-Dichloropropane	<40		94	40	ug/Kg	☼	05/05/23 09:50	05/16/23 03:32	50
1,3,5-Trimethylbenzene	<36		94	36	ug/Kg	☼	05/05/23 09:50	05/16/23 03:32	50
1,3-Dichlorobenzene	<37		94	37	ug/Kg	☼	05/05/23 09:50	05/16/23 03:32	50
1,3-Dichloropropane	<34		94	34	ug/Kg	☼	05/05/23 09:50	05/16/23 03:32	50
1,4-Dichlorobenzene	<34		94	34	ug/Kg	☼	05/05/23 09:50	05/16/23 03:32	50
2,2-Dichloropropane	<42		94	42	ug/Kg	☼	05/05/23 09:50	05/16/23 03:32	50
2-Chlorotoluene	<29		94	29	ug/Kg	☼	05/05/23 09:50	05/16/23 03:32	50
4-Chlorotoluene	<33		94	33	ug/Kg	☼	05/05/23 09:50	05/16/23 03:32	50
Benzene	<14		23	14	ug/Kg	☼	05/05/23 09:50	05/16/23 03:32	50
Bromobenzene	<33		94	33	ug/Kg	☼	05/05/23 09:50	05/16/23 03:32	50
Bromochloromethane	<40		94	40	ug/Kg	☼	05/05/23 09:50	05/16/23 03:32	50
Dichlorobromomethane	<35		94	35	ug/Kg	☼	05/05/23 09:50	05/16/23 03:32	50
Bromoform	<45		94	45	ug/Kg	☼	05/05/23 09:50	05/16/23 03:32	50
Bromomethane	<75		280	75	ug/Kg	☼	05/05/23 09:50	05/16/23 03:32	50
Carbon tetrachloride	<36		94	36	ug/Kg	☼	05/05/23 09:50	05/16/23 03:32	50
Chlorobenzene	<36		94	36	ug/Kg	☼	05/05/23 09:50	05/16/23 03:32	50
Chloroethane	<47		94	47	ug/Kg	☼	05/05/23 09:50	05/16/23 03:32	50
Chloroform	<35		190	35	ug/Kg	☼	05/05/23 09:50	05/16/23 03:32	50
Chloromethane	<30		94	30	ug/Kg	☼	05/05/23 09:50	05/16/23 03:32	50
cis-1,2-Dichloroethene	<38		94	38	ug/Kg	☼	05/05/23 09:50	05/16/23 03:32	50
cis-1,3-Dichloropropene	<39		94	39	ug/Kg	☼	05/05/23 09:50	05/16/23 03:32	50
Dibromochloromethane	<46		94	46	ug/Kg	☼	05/05/23 09:50	05/16/23 03:32	50
Dibromomethane	<25		94	25	ug/Kg	☼	05/05/23 09:50	05/16/23 03:32	50
Dichlorodifluoromethane	<63		280	63	ug/Kg	☼	05/05/23 09:50	05/16/23 03:32	50
Ethylbenzene	<17		23	17	ug/Kg	☼	05/05/23 09:50	05/16/23 03:32	50
Hexachlorobutadiene	<42		94	42	ug/Kg	☼	05/05/23 09:50	05/16/23 03:32	50
Isopropyl ether	<26		94	26	ug/Kg	☼	05/05/23 09:50	05/16/23 03:32	50
Isopropylbenzene	<36		94	36	ug/Kg	☼	05/05/23 09:50	05/16/23 03:32	50
Methyl tert-butyl ether	<37		94	37	ug/Kg	☼	05/05/23 09:50	05/16/23 03:32	50
Methylene Chloride	<150		470	150	ug/Kg	☼	05/05/23 09:50	05/16/23 03:32	50
Naphthalene	<31		94	31	ug/Kg	☼	05/05/23 09:50	05/16/23 03:32	50
n-Butylbenzene	<36		94	36	ug/Kg	☼	05/05/23 09:50	05/16/23 03:32	50
N-Propylbenzene	<39		94	39	ug/Kg	☼	05/05/23 09:50	05/16/23 03:32	50
p-Isopropyltoluene	<34		94	34	ug/Kg	☼	05/05/23 09:50	05/16/23 03:32	50

Client Sample ID: SB-2 (0.5-1.5) **Lab Sample ID: 500-233489-1**
Date Collected: 05/05/23 09:50 **Matrix: Solid**
Date Received: 05/09/23 08:29 **Percent Solids: 78.0**

Method: SW846 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
sec-Butylbenzene	<37		94	37	ug/Kg	☼	05/05/23 09:50	05/16/23 03:32	50
Styrene	<36		94	36	ug/Kg	☼	05/05/23 09:50	05/16/23 03:32	50
tert-Butylbenzene	<37		94	37	ug/Kg	☼	05/05/23 09:50	05/16/23 03:32	50
Tetrachloroethene	<35	*+	94	35	ug/Kg	☼	05/05/23 09:50	05/16/23 03:32	50
Toluene	<14	*+	23	14	ug/Kg	☼	05/05/23 09:50	05/16/23 03:32	50
trans-1,2-Dichloroethene	<33		94	33	ug/Kg	☼	05/05/23 09:50	05/16/23 03:32	50
trans-1,3-Dichloropropene	<34		94	34	ug/Kg	☼	05/05/23 09:50	05/16/23 03:32	50
Trichloroethene	<15		47	15	ug/Kg	☼	05/05/23 09:50	05/16/23 03:32	50
Trichlorofluoromethane	<40		94	40	ug/Kg	☼	05/05/23 09:50	05/16/23 03:32	50
Vinyl chloride	<25		94	25	ug/Kg	☼	05/05/23 09:50	05/16/23 03:32	50
Xylenes, Total	<21		47	21	ug/Kg	☼	05/05/23 09:50	05/16/23 03:32	50

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*97*		*75 - 126*	*05/05/23 09:50*	*05/16/23 03:32*	*50*
4-Bromofluorobenzene (Surr)	*110*		*72 - 124*	*05/05/23 09:50*	*05/16/23 03:32*	*50*
Dibromofluoromethane (Surr)	*97*		*75 - 120*	*05/05/23 09:50*	*05/16/23 03:32*	*50*
Toluene-d8 (Surr)	*111*		*75 - 120*	*05/05/23 09:50*	*05/16/23 03:32*	*50*

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	<15		120	15	ug/Kg	☼	05/10/23 13:07	05/11/23 12:34	1
2-Methylnaphthalene	<11		120	11	ug/Kg	☼	05/10/23 13:07	05/11/23 12:34	1
Acenaphthene	<11		61	11	ug/Kg	☼	05/10/23 13:07	05/11/23 12:34	1
Acenaphthylene	<8.1		61	8.1	ug/Kg	☼	05/10/23 13:07	05/11/23 12:34	1
Anthracene	<10		61	10	ug/Kg	☼	05/10/23 13:07	05/11/23 12:34	1
Benzo[a]anthracene	<8.3		61	8.3	ug/Kg	☼	05/10/23 13:07	05/11/23 12:34	1
Benzo[a]pyrene	<12		61	12	ug/Kg	☼	05/10/23 13:07	05/11/23 12:34	1
Benzo[b]fluoranthene	<13		61	13	ug/Kg	☼	05/10/23 13:07	05/11/23 12:34	1
Benzo[g,h,i]perylene	<20		61	20	ug/Kg	☼	05/10/23 13:07	05/11/23 12:34	1
Benzo[k]fluoranthene	<18		61	18	ug/Kg	☼	05/10/23 13:07	05/11/23 12:34	1
Chrysene	<17		61	17	ug/Kg	☼	05/10/23 13:07	05/11/23 12:34	1
Dibenz(a,h)anthracene	<12		61	12	ug/Kg	☼	05/10/23 13:07	05/11/23 12:34	1
Fluoranthene	<11		61	11	ug/Kg	☼	05/10/23 13:07	05/11/23 12:34	1
Fluorene	<8.7		61	8.7	ug/Kg	☼	05/10/23 13:07	05/11/23 12:34	1
Indeno[1,2,3-cd]pyrene	<16		61	16	ug/Kg	☼	05/10/23 13:07	05/11/23 12:34	1
Naphthalene	<9.5		61	9.5	ug/Kg	☼	05/10/23 13:07	05/11/23 12:34	1
Phenanthrene	<8.6		61	8.6	ug/Kg	☼	05/10/23 13:07	05/11/23 12:34	1
Pyrene	<12		61	12	ug/Kg	☼	05/10/23 13:07	05/11/23 12:34	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Nitrobenzene-d5 (Surr)	*48*		*37 - 147*	*05/10/23 13:07*	*05/11/23 12:34*	*1*
2-Fluorobiphenyl (Surr)	*48*		*43 - 145*	*05/10/23 13:07*	*05/11/23 12:34*	*1*
Terphenyl-d14 (Surr)	*49*		*42 - 157*	*05/10/23 13:07*	*05/11/23 12:34*	*1*

Method: SW846 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	**4.5**	**F1**	1.2	0.40	mg/Kg	☼	05/10/23 09:59	05/17/23 19:04	1
Barium	**120**		1.2	0.13	mg/Kg	☼	05/10/23 09:59	05/17/23 19:04	1
Cadmium	**0.13**	**J B**	0.24	0.043	mg/Kg	☼	05/10/23 09:59	05/17/23 19:04	1
Chromium	**33**		1.2	0.59	mg/Kg	☼	05/10/23 09:59	05/17/23 19:04	1

Client: Stantec Consulting Corp.
Project/Site: 333 Reed Avenue Soil Char - 193709261

Job ID: 500-233489-1

Client Sample ID: SB-2 (0.5-1.5)
Date Collected: 05/05/23 09:50
Date Received: 05/09/23 08:29

Lab Sample ID: 500-233489-1
Matrix: Solid
Percent Solids: 78.0

Method: SW846 6010C - Metals (ICP) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	**11**		0.59	0.27	mg/Kg	☼	05/10/23 09:59	05/17/23 19:04	1
Selenium	<0.70	F1	1.2	0.70	mg/Kg	☼	05/10/23 09:59	05/17/23 19:04	1
Silver	**0.64**		0.59	0.15	mg/Kg	☼	05/10/23 09:59	05/17/23 19:04	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**0.026**		0.020	0.011	mg/Kg	☼	05/12/23 14:55	05/15/23 07:43	1

Client: Stantec Consulting Corp.
Project/Site: 333 Reed Avenue Soil Char - 193709261

Job ID: 500-233489-1

Client Sample ID: SB-3 (0.75-1.5)
Date Collected: 05/04/23 12:00
Date Received: 05/09/23 08:29

Lab Sample ID: 500-233489-2
Matrix: Solid
Percent Solids: 87.7

Method: SW846 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<40		86	40	ug/Kg	☼	05/05/23 12:00	05/16/23 03:55	50
1,1,1-Trichloroethane	<33		86	33	ug/Kg	☼	05/05/23 12:00	05/16/23 03:55	50
1,1,2,2-Tetrachloroethane	<34		86	34	ug/Kg	☼	05/05/23 12:00	05/16/23 03:55	50
1,1,2-Trichloroethane	<30		86	30	ug/Kg	☼	05/05/23 12:00	05/16/23 03:55	50
1,1-Dichloroethane	<35		86	35	ug/Kg	☼	05/05/23 12:00	05/16/23 03:55	50
1,1-Dichloroethene	<34		86	34	ug/Kg	☼	05/05/23 12:00	05/16/23 03:55	50
1,1-Dichloropropene	<26		86	26	ug/Kg	☼	05/05/23 12:00	05/16/23 03:55	50
1,2,3-Trichlorobenzene	<40		86	40	ug/Kg	☼	05/05/23 12:00	05/16/23 03:55	50
1,2,3-Trichloropropane	<36		170	36	ug/Kg	☼	05/05/23 12:00	05/16/23 03:55	50
1,2,4-Trichlorobenzene	<30		86	30	ug/Kg	☼	05/05/23 12:00	05/16/23 03:55	50
1,2,4-Trimethylbenzene	<31		86	31	ug/Kg	☼	05/05/23 12:00	05/16/23 03:55	50
1,2-Dibromo-3-Chloropropane	<170		430	170	ug/Kg	☼	05/05/23 12:00	05/16/23 03:55	50
1,2-Dibromoethane	<33		86	33	ug/Kg	☼	05/05/23 12:00	05/16/23 03:55	50
1,2-Dichlorobenzene	<29		86	29	ug/Kg	☼	05/05/23 12:00	05/16/23 03:55	50
1,2-Dichloroethane	<34		86	34	ug/Kg	☼	05/05/23 12:00	05/16/23 03:55	50
1,2-Dichloropropane	<37		86	37	ug/Kg	☼	05/05/23 12:00	05/16/23 03:55	50
1,3,5-Trimethylbenzene	<33		86	33	ug/Kg	☼	05/05/23 12:00	05/16/23 03:55	50
1,3-Dichlorobenzene	<35		86	35	ug/Kg	☼	05/05/23 12:00	05/16/23 03:55	50
1,3-Dichloropropane	<31		86	31	ug/Kg	☼	05/05/23 12:00	05/16/23 03:55	50
1,4-Dichlorobenzene	<31		86	31	ug/Kg	☼	05/05/23 12:00	05/16/23 03:55	50
2,2-Dichloropropane	<38		86	38	ug/Kg	☼	05/05/23 12:00	05/16/23 03:55	50
2-Chlorotoluene	<27		86	27	ug/Kg	☼	05/05/23 12:00	05/16/23 03:55	50
4-Chlorotoluene	<30		86	30	ug/Kg	☼	05/05/23 12:00	05/16/23 03:55	50
Benzene	<13		22	13	ug/Kg	☼	05/05/23 12:00	05/16/23 03:55	50
Bromobenzene	<31		86	31	ug/Kg	☼	05/05/23 12:00	05/16/23 03:55	50
Bromochloromethane	<37		86	37	ug/Kg	☼	05/05/23 12:00	05/16/23 03:55	50
Dichlorobromomethane	<32		86	32	ug/Kg	☼	05/05/23 12:00	05/16/23 03:55	50
Bromoform	<42		86	42	ug/Kg	☼	05/05/23 12:00	05/16/23 03:55	50
Bromomethane	<69		260	69	ug/Kg	☼	05/05/23 12:00	05/16/23 03:55	50
Carbon tetrachloride	<33		86	33	ug/Kg	☼	05/05/23 12:00	05/16/23 03:55	50
Chlorobenzene	<33		86	33	ug/Kg	☼	05/05/23 12:00	05/16/23 03:55	50
Chloroethane	<43		86	43	ug/Kg	☼	05/05/23 12:00	05/16/23 03:55	50
Chloroform	<32		170	32	ug/Kg	☼	05/05/23 12:00	05/16/23 03:55	50
Chloromethane	<28		86	28	ug/Kg	☼	05/05/23 12:00	05/16/23 03:55	50
cis-1,2-Dichloroethene	<35		86	35	ug/Kg	☼	05/05/23 12:00	05/16/23 03:55	50
cis-1,3-Dichloropropene	<36		86	36	ug/Kg	☼	05/05/23 12:00	05/16/23 03:55	50
Dibromochloromethane	<42		86	42	ug/Kg	☼	05/05/23 12:00	05/16/23 03:55	50
Dibromomethane	<23		86	23	ug/Kg	☼	05/05/23 12:00	05/16/23 03:55	50
Dichlorodifluoromethane	<58		260	58	ug/Kg	☼	05/05/23 12:00	05/16/23 03:55	50
Ethylbenzene	<16		22	16	ug/Kg	☼	05/05/23 12:00	05/16/23 03:55	50
Hexachlorobutadiene	<38		86	38	ug/Kg	☼	05/05/23 12:00	05/16/23 03:55	50
Isopropyl ether	<24		86	24	ug/Kg	☼	05/05/23 12:00	05/16/23 03:55	50
Isopropylbenzene	<33		86	33	ug/Kg	☼	05/05/23 12:00	05/16/23 03:55	50
Methyl tert-butyl ether	<34		86	34	ug/Kg	☼	05/05/23 12:00	05/16/23 03:55	50
Methylene Chloride	<140		430	140	ug/Kg	☼	05/05/23 12:00	05/16/23 03:55	50
Naphthalene	<29		86	29	ug/Kg	☼	05/05/23 12:00	05/16/23 03:55	50
n-Butylbenzene	<33		86	33	ug/Kg	☼	05/05/23 12:00	05/16/23 03:55	50
N-Propylbenzene	<36		86	36	ug/Kg	☼	05/05/23 12:00	05/16/23 03:55	50
p-Isopropyltoluene	<31		86	31	ug/Kg	☼	05/05/23 12:00	05/16/23 03:55	50

Client Sample ID: SB-3 (0.75-1.5) **Lab Sample ID: 500-233489-2**
Date Collected: 05/04/23 12:00 **Matrix: Solid**
Date Received: 05/09/23 08:29 **Percent Solids: 87.7**

Method: SW846 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
sec-Butylbenzene	<34		86	34	ug/Kg	☼	05/05/23 12:00	05/16/23 03:55	50
Styrene	<33		86	33	ug/Kg	☼	05/05/23 12:00	05/16/23 03:55	50
tert-Butylbenzene	<34		86	34	ug/Kg	☼	05/05/23 12:00	05/16/23 03:55	50
Tetrachloroethene	<32	*+	86	32	ug/Kg	☼	05/05/23 12:00	05/16/23 03:55	50
Toluene	<13	*+	22	13	ug/Kg	☼	05/05/23 12:00	05/16/23 03:55	50
trans-1,2-Dichloroethene	<30		86	30	ug/Kg	☼	05/05/23 12:00	05/16/23 03:55	50
trans-1,3-Dichloropropene	<31		86	31	ug/Kg	☼	05/05/23 12:00	05/16/23 03:55	50
Trichloroethene	<14		43	14	ug/Kg	☼	05/05/23 12:00	05/16/23 03:55	50
Trichlorofluoromethane	<37		86	37	ug/Kg	☼	05/05/23 12:00	05/16/23 03:55	50
Vinyl chloride	<23		86	23	ug/Kg	☼	05/05/23 12:00	05/16/23 03:55	50
Xylenes, Total	<19		43	19	ug/Kg	☼	05/05/23 12:00	05/16/23 03:55	50

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*96*		*75 - 126*	*05/05/23 12:00*	*05/16/23 03:55*	*50*
4-Bromofluorobenzene (Surr)	*114*		*72 - 124*	*05/05/23 12:00*	*05/16/23 03:55*	*50*
Dibromofluoromethane (Surr)	*94*		*75 - 120*	*05/05/23 12:00*	*05/16/23 03:55*	*50*
Toluene-d8 (Surr)	*110*		*75 - 120*	*05/05/23 12:00*	*05/16/23 03:55*	*50*

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	<8.8	F1	72	8.8	ug/Kg	☼	05/10/23 13:07	05/11/23 12:59	1
2-Methylnaphthalene	<6.6	F1	72	6.6	ug/Kg	☼	05/10/23 13:07	05/11/23 12:59	1
Acenaphthene	<6.5		36	6.5	ug/Kg	☼	05/10/23 13:07	05/11/23 12:59	1
Acenaphthylene	<4.7		36	4.7	ug/Kg	☼	05/10/23 13:07	05/11/23 12:59	1
Anthracene	<6.0	F1	36	6.0	ug/Kg	☼	05/10/23 13:07	05/11/23 12:59	1
Benzo[a]anthracene	**13**	**J**	36	4.8	ug/Kg	☼	05/10/23 13:07	05/11/23 12:59	1
Benzo[a]pyrene	<7.0		36	7.0	ug/Kg	☼	05/10/23 13:07	05/11/23 12:59	1
Benzo[b]fluoranthene	**40**	**F1**	36	7.8	ug/Kg	☼	05/10/23 13:07	05/11/23 12:59	1
Benzo[g,h,i]perylene	<12		36	12	ug/Kg	☼	05/10/23 13:07	05/11/23 12:59	1
Benzo[k]fluoranthene	<11		36	11	ug/Kg	☼	05/10/23 13:07	05/11/23 12:59	1
Chrysene	<9.8		36	9.8	ug/Kg	☼	05/10/23 13:07	05/11/23 12:59	1
Dibenz(a,h)anthracene	<6.9		36	6.9	ug/Kg	☼	05/10/23 13:07	05/11/23 12:59	1
Fluoranthene	**16**	**J**	36	6.7	ug/Kg	☼	05/10/23 13:07	05/11/23 12:59	1
Fluorene	<5.0		36	5.0	ug/Kg	☼	05/10/23 13:07	05/11/23 12:59	1
Indeno[1,2,3-cd]pyrene	<9.3		36	9.3	ug/Kg	☼	05/10/23 13:07	05/11/23 12:59	1
Naphthalene	<5.5		36	5.5	ug/Kg	☼	05/10/23 13:07	05/11/23 12:59	1
Phenanthrene	**11**	**J**	36	5.0	ug/Kg	☼	05/10/23 13:07	05/11/23 12:59	1
Pyrene	**13**	**J**	36	7.1	ug/Kg	☼	05/10/23 13:07	05/11/23 12:59	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Nitrobenzene-d5 (Surr)	*53*		*37 - 147*	*05/10/23 13:07*	*05/11/23 12:59*	*1*
2-Fluorobiphenyl (Surr)	*57*		*43 - 145*	*05/10/23 13:07*	*05/11/23 12:59*	*1*
Terphenyl-d14 (Surr)	*64*		*42 - 157*	*05/10/23 13:07*	*05/11/23 12:59*	*1*

Method: SW846 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	**3.3**		1.0	0.34	mg/Kg	☼	05/10/23 09:59	05/17/23 19:21	1
Barium	**56**		1.0	0.11	mg/Kg	☼	05/10/23 09:59	05/17/23 19:21	1
Cadmium	**0.12**	**J B**	0.20	0.036	mg/Kg	☼	05/10/23 09:59	05/17/23 19:21	1
Chromium	**20**		1.0	0.50	mg/Kg	☼	05/10/23 09:59	05/17/23 19:21	1

Client: Stantec Consulting Corp.
Project/Site: 333 Reed Avenue Soil Char - 193709261

Job ID: 500-233489-1

Client Sample ID: SB-3 (0.75-1.5)
Date Collected: 05/04/23 12:00
Date Received: 05/09/23 08:29

Lab Sample ID: 500-233489-2
Matrix: Solid
Percent Solids: 87.7

Method: SW846 6010C - Metals (ICP) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	**7.3**		0.50	0.23	mg/Kg	☼	05/10/23 09:59	05/17/23 19:21	1
Selenium	<0.59		1.0	0.59	mg/Kg	☼	05/10/23 09:59	05/17/23 19:21	1
Silver	**0.35**	**J**	0.50	0.13	mg/Kg	☼	05/10/23 09:59	05/17/23 19:21	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**0.016**	**J**	0.018	0.0094	mg/Kg	☼	05/12/23 14:55	05/15/23 07:45	1

Client: Stantec Consulting Corp.
Project/Site: 333 Reed Avenue Soil Char - 193709261

Job ID: 500-233489-1

Client Sample ID: SB-4 (2-3.5)
Date Collected: 05/04/23 14:45
Date Received: 05/09/23 08:29

Lab Sample ID: 500-233489-3
Matrix: Solid
Percent Solids: 90.0

Method: SW846 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<39		85	39	ug/Kg	☼	05/05/23 14:45	05/16/23 04:18	50
1,1,1-Trichloroethane	<32		85	32	ug/Kg	☼	05/05/23 14:45	05/16/23 04:18	50
1,1,2,2-Tetrachloroethane	<34		85	34	ug/Kg	☼	05/05/23 14:45	05/16/23 04:18	50
1,1,2-Trichloroethane	<30		85	30	ug/Kg	☼	05/05/23 14:45	05/16/23 04:18	50
1,1-Dichloroethane	<35		85	35	ug/Kg	☼	05/05/23 14:45	05/16/23 04:18	50
1,1-Dichloroethene	<33		85	33	ug/Kg	☼	05/05/23 14:45	05/16/23 04:18	50
1,1-Dichloropropene	<25		85	25	ug/Kg	☼	05/05/23 14:45	05/16/23 04:18	50
1,2,3-Trichlorobenzene	<39		85	39	ug/Kg	☼	05/05/23 14:45	05/16/23 04:18	50
1,2,3-Trichloropropane	<35		170	35	ug/Kg	☼	05/05/23 14:45	05/16/23 04:18	50
1,2,4-Trichlorobenzene	<29		85	29	ug/Kg	☼	05/05/23 14:45	05/16/23 04:18	50
1,2,4-Trimethylbenzene	<31		85	31	ug/Kg	☼	05/05/23 14:45	05/16/23 04:18	50
1,2-Dibromo-3-Chloropropane	<170		430	170	ug/Kg	☼	05/05/23 14:45	05/16/23 04:18	50
1,2-Dibromoethane	<33		85	33	ug/Kg	☼	05/05/23 14:45	05/16/23 04:18	50
1,2-Dichlorobenzene	<28		85	28	ug/Kg	☼	05/05/23 14:45	05/16/23 04:18	50
1,2-Dichloroethane	<33		85	33	ug/Kg	☼	05/05/23 14:45	05/16/23 04:18	50
1,2-Dichloropropane	<37		85	37	ug/Kg	☼	05/05/23 14:45	05/16/23 04:18	50
1,3,5-Trimethylbenzene	<32		85	32	ug/Kg	☼	05/05/23 14:45	05/16/23 04:18	50
1,3-Dichlorobenzene	<34		85	34	ug/Kg	☼	05/05/23 14:45	05/16/23 04:18	50
1,3-Dichloropropane	<31		85	31	ug/Kg	☼	05/05/23 14:45	05/16/23 04:18	50
1,4-Dichlorobenzene	<31		85	31	ug/Kg	☼	05/05/23 14:45	05/16/23 04:18	50
2,2-Dichloropropane	<38		85	38	ug/Kg	☼	05/05/23 14:45	05/16/23 04:18	50
2-Chlorotoluene	<27		85	27	ug/Kg	☼	05/05/23 14:45	05/16/23 04:18	50
4-Chlorotoluene	<30		85	30	ug/Kg	☼	05/05/23 14:45	05/16/23 04:18	50
Benzene	<12		21	12	ug/Kg	☼	05/05/23 14:45	05/16/23 04:18	50
Bromobenzene	<30		85	30	ug/Kg	☼	05/05/23 14:45	05/16/23 04:18	50
Bromochloromethane	<37		85	37	ug/Kg	☼	05/05/23 14:45	05/16/23 04:18	50
Dichlorobromomethane	<32		85	32	ug/Kg	☼	05/05/23 14:45	05/16/23 04:18	50
Bromoform	<41		85	41	ug/Kg	☼	05/05/23 14:45	05/16/23 04:18	50
Bromomethane	<68		260	68	ug/Kg	☼	05/05/23 14:45	05/16/23 04:18	50
Carbon tetrachloride	<33		85	33	ug/Kg	☼	05/05/23 14:45	05/16/23 04:18	50
Chlorobenzene	<33		85	33	ug/Kg	☼	05/05/23 14:45	05/16/23 04:18	50
Chloroethane	<43		85	43	ug/Kg	☼	05/05/23 14:45	05/16/23 04:18	50
Chloroform	<32		170	32	ug/Kg	☼	05/05/23 14:45	05/16/23 04:18	50
Chloromethane	<27		85	27	ug/Kg	☼	05/05/23 14:45	05/16/23 04:18	50
cis-1,2-Dichloroethene	<35		85	35	ug/Kg	☼	05/05/23 14:45	05/16/23 04:18	50
cis-1,3-Dichloropropene	<35		85	35	ug/Kg	☼	05/05/23 14:45	05/16/23 04:18	50
Dibromochloromethane	<42		85	42	ug/Kg	☼	05/05/23 14:45	05/16/23 04:18	50
Dibromomethane	<23		85	23	ug/Kg	☼	05/05/23 14:45	05/16/23 04:18	50
Dichlorodifluoromethane	<57		260	57	ug/Kg	☼	05/05/23 14:45	05/16/23 04:18	50
Ethylbenzene	<16		21	16	ug/Kg	☼	05/05/23 14:45	05/16/23 04:18	50
Hexachlorobutadiene	<38		85	38	ug/Kg	☼	05/05/23 14:45	05/16/23 04:18	50
Isopropyl ether	<24		85	24	ug/Kg	☼	05/05/23 14:45	05/16/23 04:18	50
Isopropylbenzene	<33		85	33	ug/Kg	☼	05/05/23 14:45	05/16/23 04:18	50
Methyl tert-butyl ether	<34		85	34	ug/Kg	☼	05/05/23 14:45	05/16/23 04:18	50
Methylene Chloride	<140		430	140	ug/Kg	☼	05/05/23 14:45	05/16/23 04:18	50
Naphthalene	<28		85	28	ug/Kg	☼	05/05/23 14:45	05/16/23 04:18	50
n-Butylbenzene	<33		85	33	ug/Kg	☼	05/05/23 14:45	05/16/23 04:18	50
N-Propylbenzene	<35		85	35	ug/Kg	☼	05/05/23 14:45	05/16/23 04:18	50
p-Isopropyltoluene	<31		85	31	ug/Kg	☼	05/05/23 14:45	05/16/23 04:18	50

Client Sample ID: SB-4 (2-3.5)
Date Collected: 05/04/23 14:45
Date Received: 05/09/23 08:29

Lab Sample ID: 500-233489-3
Matrix: Solid
Percent Solids: 90.0

Method: SW846 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
sec-Butylbenzene	<34		85	34	ug/Kg	☼	05/05/23 14:45	05/16/23 04:18	50
Styrene	<33		85	33	ug/Kg	☼	05/05/23 14:45	05/16/23 04:18	50
tert-Butylbenzene	<34		85	34	ug/Kg	☼	05/05/23 14:45	05/16/23 04:18	50
Tetrachloroethene	<32	*+	85	32	ug/Kg	☼	05/05/23 14:45	05/16/23 04:18	50
Toluene	<13	*+	21	13	ug/Kg	☼	05/05/23 14:45	05/16/23 04:18	50
trans-1,2-Dichloroethene	<30		85	30	ug/Kg	☼	05/05/23 14:45	05/16/23 04:18	50
trans-1,3-Dichloropropene	<31		85	31	ug/Kg	☼	05/05/23 14:45	05/16/23 04:18	50
Trichloroethene	<14		43	14	ug/Kg	☼	05/05/23 14:45	05/16/23 04:18	50
Trichlorofluoromethane	<37		85	37	ug/Kg	☼	05/05/23 14:45	05/16/23 04:18	50
Vinyl chloride	<22		85	22	ug/Kg	☼	05/05/23 14:45	05/16/23 04:18	50
Xylenes, Total	<19		43	19	ug/Kg	☼	05/05/23 14:45	05/16/23 04:18	50

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*92*		*75 - 126*	*05/05/23 14:45*	*05/16/23 04:18*	*50*
4-Bromofluorobenzene (Surr)	*111*		*72 - 124*	*05/05/23 14:45*	*05/16/23 04:18*	*50*
Dibromofluoromethane (Surr)	*94*		*75 - 120*	*05/05/23 14:45*	*05/16/23 04:18*	*50*
Toluene-d8 (Surr)	*111*		*75 - 120*	*05/05/23 14:45*	*05/16/23 04:18*	*50*

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	<8.9		74	8.9	ug/Kg	☼	05/10/23 13:07	05/11/23 14:14	1
2-Methylnaphthalene	<6.7		74	6.7	ug/Kg	☼	05/10/23 13:07	05/11/23 14:14	1
Acenaphthene	<6.6		36	6.6	ug/Kg	☼	05/10/23 13:07	05/11/23 14:14	1
Acenaphthylene	<4.8		36	4.8	ug/Kg	☼	05/10/23 13:07	05/11/23 14:14	1
Anthracene	<6.1		36	6.1	ug/Kg	☼	05/10/23 13:07	05/11/23 14:14	1
Benzo[a]anthracene	<4.9		36	4.9	ug/Kg	☼	05/10/23 13:07	05/11/23 14:14	1
Benzo[a]pyrene	<7.1		36	7.1	ug/Kg	☼	05/10/23 13:07	05/11/23 14:14	1
Benzo[b]fluoranthene	<7.9		36	7.9	ug/Kg	☼	05/10/23 13:07	05/11/23 14:14	1
Benzo[g,h,i]perylene	<12		36	12	ug/Kg	☼	05/10/23 13:07	05/11/23 14:14	1
Benzo[k]fluoranthene	<11		36	11	ug/Kg	☼	05/10/23 13:07	05/11/23 14:14	1
Chrysene	<10		36	10	ug/Kg	☼	05/10/23 13:07	05/11/23 14:14	1
Dibenz(a,h)anthracene	<7.1		36	7.1	ug/Kg	☼	05/10/23 13:07	05/11/23 14:14	1
Fluoranthene	<6.8		36	6.8	ug/Kg	☼	05/10/23 13:07	05/11/23 14:14	1
Fluorene	<5.2		36	5.2	ug/Kg	☼	05/10/23 13:07	05/11/23 14:14	1
Indeno[1,2,3-cd]pyrene	<9.5		36	9.5	ug/Kg	☼	05/10/23 13:07	05/11/23 14:14	1
Naphthalene	<5.6		36	5.6	ug/Kg	☼	05/10/23 13:07	05/11/23 14:14	1
Phenanthrene	<5.1		36	5.1	ug/Kg	☼	05/10/23 13:07	05/11/23 14:14	1
Pyrene	<7.3		36	7.3	ug/Kg	☼	05/10/23 13:07	05/11/23 14:14	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Nitrobenzene-d5 (Surr)	*67*		*37 - 147*	*05/10/23 13:07*	*05/11/23 14:14*	*1*
2-Fluorobiphenyl (Surr)	*68*		*43 - 145*	*05/10/23 13:07*	*05/11/23 14:14*	*1*
Terphenyl-d14 (Surr)	*74*		*42 - 157*	*05/10/23 13:07*	*05/11/23 14:14*	*1*

Method: SW846 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	**0.78**	**J**	1.0	0.34	mg/Kg	☼	05/10/23 09:59	05/17/23 19:24	1
Barium	**7.2**		1.0	0.11	mg/Kg	☼	05/10/23 09:59	05/17/23 19:24	1
Cadmium	**0.082**	**J B**	0.20	0.036	mg/Kg	☼	05/10/23 09:59	05/17/23 19:24	1
Chromium	**3.6**		1.0	0.50	mg/Kg	☼	05/10/23 09:59	05/17/23 19:24	1

Client: Stantec Consulting Corp.
Project/Site: 333 Reed Avenue Soil Char - 193709261

Job ID: 500-233489-1

Client Sample ID: SB-4 (2-3.5)
Date Collected: 05/04/23 14:45
Date Received: 05/09/23 08:29

Lab Sample ID: 500-233489-3
Matrix: Solid
Percent Solids: 90.0

Method: SW846 6010C - Metals (ICP) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	**1.6**		0.50	0.23	mg/Kg	☼	05/10/23 09:59	05/17/23 19:24	1
Selenium	<0.59		1.0	0.59	mg/Kg	☼	05/10/23 09:59	05/17/23 19:24	1
Silver	<0.13		0.50	0.13	mg/Kg	☼	05/10/23 09:59	05/17/23 19:24	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.0092		0.017	0.0092	mg/Kg	☼	05/12/23 14:55	05/15/23 07:47	1

Client: Stantec Consulting Corp.
Project/Site: 333 Reed Avenue Soil Char - 193709261

Job ID: 500-233489-1

Client Sample ID: SB-5 (0-2)
Date Collected: 05/04/23 11:45
Date Received: 05/09/23 08:29

Lab Sample ID: 500-233489-4
Matrix: Solid
Percent Solids: 83.1

Method: SW846 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<41		89	41	ug/Kg	☼	05/05/23 11:45	05/16/23 04:41	50
1,1,1-Trichloroethane	<34		89	34	ug/Kg	☼	05/05/23 11:45	05/16/23 04:41	50
1,1,2,2-Tetrachloroethane	<35		89	35	ug/Kg	☼	05/05/23 11:45	05/16/23 04:41	50
1,1,2-Trichloroethane	<31		89	31	ug/Kg	☼	05/05/23 11:45	05/16/23 04:41	50
1,1-Dichloroethane	<36		89	36	ug/Kg	☼	05/05/23 11:45	05/16/23 04:41	50
1,1-Dichloroethene	<35		89	35	ug/Kg	☼	05/05/23 11:45	05/16/23 04:41	50
1,1-Dichloropropene	<26		89	26	ug/Kg	☼	05/05/23 11:45	05/16/23 04:41	50
1,2,3-Trichlorobenzene	<41		89	41	ug/Kg	☼	05/05/23 11:45	05/16/23 04:41	50
1,2,3-Trichloropropane	<37		180	37	ug/Kg	☼	05/05/23 11:45	05/16/23 04:41	50
1,2,4-Trichlorobenzene	<30		89	30	ug/Kg	☼	05/05/23 11:45	05/16/23 04:41	50
1,2,4-Trimethylbenzene	<32		89	32	ug/Kg	☼	05/05/23 11:45	05/16/23 04:41	50
1,2-Dibromo-3-Chloropropane	<180		440	180	ug/Kg	☼	05/05/23 11:45	05/16/23 04:41	50
1,2-Dibromoethane	<34		89	34	ug/Kg	☼	05/05/23 11:45	05/16/23 04:41	50
1,2-Dichlorobenzene	<30		89	30	ug/Kg	☼	05/05/23 11:45	05/16/23 04:41	50
1,2-Dichloroethane	<35		89	35	ug/Kg	☼	05/05/23 11:45	05/16/23 04:41	50
1,2-Dichloropropane	<38		89	38	ug/Kg	☼	05/05/23 11:45	05/16/23 04:41	50
1,3,5-Trimethylbenzene	<34		89	34	ug/Kg	☼	05/05/23 11:45	05/16/23 04:41	50
1,3-Dichlorobenzene	<35		89	35	ug/Kg	☼	05/05/23 11:45	05/16/23 04:41	50
1,3-Dichloropropane	<32		89	32	ug/Kg	☼	05/05/23 11:45	05/16/23 04:41	50
1,4-Dichlorobenzene	<32		89	32	ug/Kg	☼	05/05/23 11:45	05/16/23 04:41	50
2,2-Dichloropropane	<39		89	39	ug/Kg	☼	05/05/23 11:45	05/16/23 04:41	50
2-Chlorotoluene	<28		89	28	ug/Kg	☼	05/05/23 11:45	05/16/23 04:41	50
4-Chlorotoluene	<31		89	31	ug/Kg	☼	05/05/23 11:45	05/16/23 04:41	50
Benzene	<13		22	13	ug/Kg	☼	05/05/23 11:45	05/16/23 04:41	50
Bromobenzene	<32		89	32	ug/Kg	☼	05/05/23 11:45	05/16/23 04:41	50
Bromochloromethane	<38		89	38	ug/Kg	☼	05/05/23 11:45	05/16/23 04:41	50
Dichlorobromomethane	<33		89	33	ug/Kg	☼	05/05/23 11:45	05/16/23 04:41	50
Bromoform	<43		89	43	ug/Kg	☼	05/05/23 11:45	05/16/23 04:41	50
Bromomethane	<71		270	71	ug/Kg	☼	05/05/23 11:45	05/16/23 04:41	50
Carbon tetrachloride	<34		89	34	ug/Kg	☼	05/05/23 11:45	05/16/23 04:41	50
Chlorobenzene	<34		89	34	ug/Kg	☼	05/05/23 11:45	05/16/23 04:41	50
Chloroethane	<45		89	45	ug/Kg	☼	05/05/23 11:45	05/16/23 04:41	50
Chloroform	<33		180	33	ug/Kg	☼	05/05/23 11:45	05/16/23 04:41	50
Chloromethane	<28		89	28	ug/Kg	☼	05/05/23 11:45	05/16/23 04:41	50
cis-1,2-Dichloroethene	<36		89	36	ug/Kg	☼	05/05/23 11:45	05/16/23 04:41	50
cis-1,3-Dichloropropene	<37		89	37	ug/Kg	☼	05/05/23 11:45	05/16/23 04:41	50
Dibromochloromethane	<43		89	43	ug/Kg	☼	05/05/23 11:45	05/16/23 04:41	50
Dibromomethane	<24		89	24	ug/Kg	☼	05/05/23 11:45	05/16/23 04:41	50
Dichlorodifluoromethane	<60		270	60	ug/Kg	☼	05/05/23 11:45	05/16/23 04:41	50
Ethylbenzene	<16		22	16	ug/Kg	☼	05/05/23 11:45	05/16/23 04:41	50
Hexachlorobutadiene	<40		89	40	ug/Kg	☼	05/05/23 11:45	05/16/23 04:41	50
Isopropyl ether	<24		89	24	ug/Kg	☼	05/05/23 11:45	05/16/23 04:41	50
Isopropylbenzene	<34		89	34	ug/Kg	☼	05/05/23 11:45	05/16/23 04:41	50
Methyl tert-butyl ether	<35		89	35	ug/Kg	☼	05/05/23 11:45	05/16/23 04:41	50
Methylene Chloride	<140		440	140	ug/Kg	☼	05/05/23 11:45	05/16/23 04:41	50
Naphthalene	<30		89	30	ug/Kg	☼	05/05/23 11:45	05/16/23 04:41	50
n-Butylbenzene	<34		89	34	ug/Kg	☼	05/05/23 11:45	05/16/23 04:41	50
N-Propylbenzene	<37		89	37	ug/Kg	☼	05/05/23 11:45	05/16/23 04:41	50
p-Isopropyltoluene	<32		89	32	ug/Kg	☼	05/05/23 11:45	05/16/23 04:41	50

Client Sample ID: SB-5 (0-2)
Date Collected: 05/04/23 11:45
Date Received: 05/09/23 08:29

Lab Sample ID: 500-233489-4
Matrix: Solid
Percent Solids: 83.1

Method: SW846 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
sec-Butylbenzene	<35		89	35	ug/Kg	☼	05/05/23 11:45	05/16/23 04:41	50
Styrene	<34		89	34	ug/Kg	☼	05/05/23 11:45	05/16/23 04:41	50
tert-Butylbenzene	<35		89	35	ug/Kg	☼	05/05/23 11:45	05/16/23 04:41	50
Tetrachloroethene	<33	*+	89	33	ug/Kg	☼	05/05/23 11:45	05/16/23 04:41	50
Toluene	<13	*+	22	13	ug/Kg	☼	05/05/23 11:45	05/16/23 04:41	50
trans-1,2-Dichloroethene	<31		89	31	ug/Kg	☼	05/05/23 11:45	05/16/23 04:41	50
trans-1,3-Dichloropropene	<32		89	32	ug/Kg	☼	05/05/23 11:45	05/16/23 04:41	50
Trichloroethene	<15		44	15	ug/Kg	☼	05/05/23 11:45	05/16/23 04:41	50
Trichlorofluoromethane	<38		89	38	ug/Kg	☼	05/05/23 11:45	05/16/23 04:41	50
Vinyl chloride	<23		89	23	ug/Kg	☼	05/05/23 11:45	05/16/23 04:41	50
Xylenes, Total	<20		44	20	ug/Kg	☼	05/05/23 11:45	05/16/23 04:41	50

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*96*		*75 - 126*	*05/05/23 11:45*	*05/16/23 04:41*	*50*
4-Bromofluorobenzene (Surr)	*110*		*72 - 124*	*05/05/23 11:45*	*05/16/23 04:41*	*50*
Dibromofluoromethane (Surr)	*97*		*75 - 120*	*05/05/23 11:45*	*05/16/23 04:41*	*50*
Toluene-d8 (Surr)	*111*		*75 - 120*	*05/05/23 11:45*	*05/16/23 04:41*	*50*

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	<9.5		78	9.5	ug/Kg	☼	05/10/23 13:07	05/11/23 14:40	1
2-Methylnaphthalene	<7.1		78	7.1	ug/Kg	☼	05/10/23 13:07	05/11/23 14:40	1
Acenaphthene	<7.0		38	7.0	ug/Kg	☼	05/10/23 13:07	05/11/23 14:40	1
Acenaphthylene	<5.1		38	5.1	ug/Kg	☼	05/10/23 13:07	05/11/23 14:40	1
Anthracene	<6.5		38	6.5	ug/Kg	☼	05/10/23 13:07	05/11/23 14:40	1
Benzo[a]anthracene	**33**	**J**	38	5.2	ug/Kg	☼	05/10/23 13:07	05/11/23 14:40	1
Benzo[a]pyrene	**73**		38	7.5	ug/Kg	☼	05/10/23 13:07	05/11/23 14:40	1
Benzo[b]fluoranthene	**83**		38	8.4	ug/Kg	☼	05/10/23 13:07	05/11/23 14:40	1
Benzo[g,h,i]perylene	**42**		38	12	ug/Kg	☼	05/10/23 13:07	05/11/23 14:40	1
Benzo[k]fluoranthene	**20**	**J**	38	11	ug/Kg	☼	05/10/23 13:07	05/11/23 14:40	1
Chrysene	**37**	**J**	38	11	ug/Kg	☼	05/10/23 13:07	05/11/23 14:40	1
Dibenz(a,h)anthracene	<7.5		38	7.5	ug/Kg	☼	05/10/23 13:07	05/11/23 14:40	1
Fluoranthene	**56**		38	7.2	ug/Kg	☼	05/10/23 13:07	05/11/23 14:40	1
Fluorene	<5.4		38	5.4	ug/Kg	☼	05/10/23 13:07	05/11/23 14:40	1
Indeno[1,2,3-cd]pyrene	**67**		38	10	ug/Kg	☼	05/10/23 13:07	05/11/23 14:40	1
Naphthalene	<6.0		38	6.0	ug/Kg	☼	05/10/23 13:07	05/11/23 14:40	1
Phenanthrene	**20**	**J**	38	5.4	ug/Kg	☼	05/10/23 13:07	05/11/23 14:40	1
Pyrene	**46**		38	7.7	ug/Kg	☼	05/10/23 13:07	05/11/23 14:40	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Nitrobenzene-d5 (Surr)	*70*		*37 - 147*	*05/10/23 13:07*	*05/11/23 14:40*	*1*
2-Fluorobiphenyl (Surr)	*76*		*43 - 145*	*05/10/23 13:07*	*05/11/23 14:40*	*1*
Terphenyl-d14 (Surr)	*83*		*42 - 157*	*05/10/23 13:07*	*05/11/23 14:40*	*1*

Method: SW846 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	**3.5**		1.1	0.38	mg/Kg	☼	05/10/23 09:59	05/17/23 19:28	1
Barium	**59**		1.1	0.13	mg/Kg	☼	05/10/23 09:59	05/17/23 19:28	1
Cadmium	**0.15**	**J B**	0.22	0.040	mg/Kg	☼	05/10/23 09:59	05/17/23 19:28	1
Chromium	**23**		1.1	0.55	mg/Kg	☼	05/10/23 09:59	05/17/23 19:28	1

Client: Stantec Consulting Corp.
Project/Site: 333 Reed Avenue Soil Char - 193709261

Job ID: 500-233489-1

Client Sample ID: SB-5 (0-2)
Date Collected: 05/04/23 11:45
Date Received: 05/09/23 08:29

Lab Sample ID: 500-233489-4
Matrix: Solid
Percent Solids: 83.1

Method: SW846 6010C - Metals (ICP) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	**11**		0.55	0.26	mg/Kg	☼	05/10/23 09:59	05/17/23 19:28	1
Selenium	<0.65		1.1	0.65	mg/Kg	☼	05/10/23 09:59	05/17/23 19:28	1
Silver	**0.38**	**J**	0.55	0.14	mg/Kg	☼	05/10/23 09:59	05/17/23 19:28	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**0.045**		0.018	0.0097	mg/Kg	☼	05/12/23 14:55	05/15/23 07:49	1

Client: Stantec Consulting Corp.
Project/Site: 333 Reed Avenue Soil Char - 193709261

Job ID: 500-233489-1

Client Sample ID: SB-8 (4-6)
Date Collected: 05/04/23 14:15
Date Received: 05/09/23 08:29

Lab Sample ID: 500-233489-5
Matrix: Solid
Percent Solids: 84.6

Method: SW846 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<47		100	47	ug/Kg	☼	05/05/23 12:15	05/16/23 05:03	50
1,1,1-Trichloroethane	<39		100	39	ug/Kg	☼	05/05/23 12:15	05/16/23 05:03	50
1,1,2,2-Tetrachloroethane	<41		100	41	ug/Kg	☼	05/05/23 12:15	05/16/23 05:03	50
1,1,2-Trichloroethane	<36		100	36	ug/Kg	☼	05/05/23 12:15	05/16/23 05:03	50
1,1-Dichloroethane	<42		100	42	ug/Kg	☼	05/05/23 12:15	05/16/23 05:03	50
1,1-Dichloroethene	<40		100	40	ug/Kg	☼	05/05/23 12:15	05/16/23 05:03	50
1,1-Dichloropropene	<31		100	31	ug/Kg	☼	05/05/23 12:15	05/16/23 05:03	50
1,2,3-Trichlorobenzene	<47		100	47	ug/Kg	☼	05/05/23 12:15	05/16/23 05:03	50
1,2,3-Trichloropropane	<42		210	42	ug/Kg	☼	05/05/23 12:15	05/16/23 05:03	50
1,2,4-Trichlorobenzene	<35		100	35	ug/Kg	☼	05/05/23 12:15	05/16/23 05:03	50
1,2,4-Trimethylbenzene	<37		100	37	ug/Kg	☼	05/05/23 12:15	05/16/23 05:03	50
1,2-Dibromo-3-Chloropropane	<200		510	200	ug/Kg	☼	05/05/23 12:15	05/16/23 05:03	50
1,2-Dibromoethane	<40		100	40	ug/Kg	☼	05/05/23 12:15	05/16/23 05:03	50
1,2-Dichlorobenzene	<34		100	34	ug/Kg	☼	05/05/23 12:15	05/16/23 05:03	50
1,2-Dichloroethane	<40		100	40	ug/Kg	☼	05/05/23 12:15	05/16/23 05:03	50
1,2-Dichloropropane	<44		100	44	ug/Kg	☼	05/05/23 12:15	05/16/23 05:03	50
1,3,5-Trimethylbenzene	<39		100	39	ug/Kg	☼	05/05/23 12:15	05/16/23 05:03	50
1,3-Dichlorobenzene	<41		100	41	ug/Kg	☼	05/05/23 12:15	05/16/23 05:03	50
1,3-Dichloropropane	<37		100	37	ug/Kg	☼	05/05/23 12:15	05/16/23 05:03	50
1,4-Dichlorobenzene	<37		100	37	ug/Kg	☼	05/05/23 12:15	05/16/23 05:03	50
2,2-Dichloropropane	<46		100	46	ug/Kg	☼	05/05/23 12:15	05/16/23 05:03	50
2-Chlorotoluene	<32		100	32	ug/Kg	☼	05/05/23 12:15	05/16/23 05:03	50
4-Chlorotoluene	<36		100	36	ug/Kg	☼	05/05/23 12:15	05/16/23 05:03	50
Benzene	<15		26	15	ug/Kg	☼	05/05/23 12:15	05/16/23 05:03	50
Bromobenzene	<37		100	37	ug/Kg	☼	05/05/23 12:15	05/16/23 05:03	50
Bromochloromethane	<44		100	44	ug/Kg	☼	05/05/23 12:15	05/16/23 05:03	50
Dichlorobromomethane	<38		100	38	ug/Kg	☼	05/05/23 12:15	05/16/23 05:03	50
Bromoform	<50		100	50	ug/Kg	☼	05/05/23 12:15	05/16/23 05:03	50
Bromomethane	<82		310	82	ug/Kg	☼	05/05/23 12:15	05/16/23 05:03	50
Carbon tetrachloride	<39		100	39	ug/Kg	☼	05/05/23 12:15	05/16/23 05:03	50
Chlorobenzene	<40		100	40	ug/Kg	☼	05/05/23 12:15	05/16/23 05:03	50
Chloroethane	<52		100	52	ug/Kg	☼	05/05/23 12:15	05/16/23 05:03	50
Chloroform	<38		210	38	ug/Kg	☼	05/05/23 12:15	05/16/23 05:03	50
Chloromethane	<33		100	33	ug/Kg	☼	05/05/23 12:15	05/16/23 05:03	50
cis-1,2-Dichloroethene	<42		100	42	ug/Kg	☼	05/05/23 12:15	05/16/23 05:03	50
cis-1,3-Dichloropropene	<43		100	43	ug/Kg	☼	05/05/23 12:15	05/16/23 05:03	50
Dibromochloromethane	<50		100	50	ug/Kg	☼	05/05/23 12:15	05/16/23 05:03	50
Dibromomethane	<28		100	28	ug/Kg	☼	05/05/23 12:15	05/16/23 05:03	50
Dichlorodifluoromethane	<69		310	69	ug/Kg	☼	05/05/23 12:15	05/16/23 05:03	50
Ethylbenzene	<19		26	19	ug/Kg	☼	05/05/23 12:15	05/16/23 05:03	50
Hexachlorobutadiene	<46		100	46	ug/Kg	☼	05/05/23 12:15	05/16/23 05:03	50
Isopropyl ether	<28		100	28	ug/Kg	☼	05/05/23 12:15	05/16/23 05:03	50
Isopropylbenzene	<39		100	39	ug/Kg	☼	05/05/23 12:15	05/16/23 05:03	50
Methyl tert-butyl ether	<40		100	40	ug/Kg	☼	05/05/23 12:15	05/16/23 05:03	50
Methylene Chloride	<170		510	170	ug/Kg	☼	05/05/23 12:15	05/16/23 05:03	50
Naphthalene	<34		100	34	ug/Kg	☼	05/05/23 12:15	05/16/23 05:03	50
n-Butylbenzene	<40		100	40	ug/Kg	☼	05/05/23 12:15	05/16/23 05:03	50
N-Propylbenzene	<42		100	42	ug/Kg	☼	05/05/23 12:15	05/16/23 05:03	50
p-Isopropyltoluene	<37		100	37	ug/Kg	☼	05/05/23 12:15	05/16/23 05:03	50

Client: Stantec Consulting Corp.
Project/Site: 333 Reed Avenue Soil Char - 193709261

Job ID: 500-233489-1

Client Sample ID: SB-8 (4-6)

Date Collected: 05/04/23 14:15
Date Received: 05/09/23 08:29

Lab Sample ID: 500-233489-5

Matrix: Solid
Percent Solids: 84.6

Method: SW846 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
sec-Butylbenzene	<41		100	41	ug/Kg	☼	05/05/23 12:15	05/16/23 05:03	50
Styrene	<40		100	40	ug/Kg	☼	05/05/23 12:15	05/16/23 05:03	50
tert-Butylbenzene	<41		100	41	ug/Kg	☼	05/05/23 12:15	05/16/23 05:03	50
Tetrachloroethene	<38	*+	100	38	ug/Kg	☼	05/05/23 12:15	05/16/23 05:03	50
Toluene	<15	*+	26	15	ug/Kg	☼	05/05/23 12:15	05/16/23 05:03	50
trans-1,2-Dichloroethene	<36		100	36	ug/Kg	☼	05/05/23 12:15	05/16/23 05:03	50
trans-1,3-Dichloropropene	<37		100	37	ug/Kg	☼	05/05/23 12:15	05/16/23 05:03	50
Trichloroethene	<17		51	17	ug/Kg	☼	05/05/23 12:15	05/16/23 05:03	50
Trichlorofluoromethane	<44		100	44	ug/Kg	☼	05/05/23 12:15	05/16/23 05:03	50
Vinyl chloride	<27		100	27	ug/Kg	☼	05/05/23 12:15	05/16/23 05:03	50
Xylenes, Total	<23		51	23	ug/Kg	☼	05/05/23 12:15	05/16/23 05:03	50

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*95*		*75 - 126*	*05/05/23 12:15*	*05/16/23 05:03*	*50*
4-Bromofluorobenzene (Surr)	*115*		*72 - 124*	*05/05/23 12:15*	*05/16/23 05:03*	*50*
Dibromofluoromethane (Surr)	*95*		*75 - 120*	*05/05/23 12:15*	*05/16/23 05:03*	*50*
Toluene-d8 (Surr)	*110*		*75 - 120*	*05/05/23 12:15*	*05/16/23 05:03*	*50*

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	<9.2		76	9.2	ug/Kg	☼	05/10/23 13:07	05/11/23 15:05	1
2-Methylnaphthalene	<6.9		76	6.9	ug/Kg	☼	05/10/23 13:07	05/11/23 15:05	1
Acenaphthene	<6.8		37	6.8	ug/Kg	☼	05/10/23 13:07	05/11/23 15:05	1
Acenaphthylene	<5.0		37	5.0	ug/Kg	☼	05/10/23 13:07	05/11/23 15:05	1
Anthracene	<6.3		37	6.3	ug/Kg	☼	05/10/23 13:07	05/11/23 15:05	1
Benzo[a]anthracene	<5.1		37	5.1	ug/Kg	☼	05/10/23 13:07	05/11/23 15:05	1
Benzo[a]pyrene	<7.3		37	7.3	ug/Kg	☼	05/10/23 13:07	05/11/23 15:05	1
Benzo[b]fluoranthene	<8.1		37	8.1	ug/Kg	☼	05/10/23 13:07	05/11/23 15:05	1
Benzo[g,h,i]perylene	<12		37	12	ug/Kg	☼	05/10/23 13:07	05/11/23 15:05	1
Benzo[k]fluoranthene	<11		37	11	ug/Kg	☼	05/10/23 13:07	05/11/23 15:05	1
Chrysene	<10		37	10	ug/Kg	☼	05/10/23 13:07	05/11/23 15:05	1
Dibenz(a,h)anthracene	<7.3		37	7.3	ug/Kg	☼	05/10/23 13:07	05/11/23 15:05	1
Fluoranthene	<7.0		37	7.0	ug/Kg	☼	05/10/23 13:07	05/11/23 15:05	1
Fluorene	<5.3		37	5.3	ug/Kg	☼	05/10/23 13:07	05/11/23 15:05	1
Indeno[1,2,3-cd]pyrene	<9.8		37	9.8	ug/Kg	☼	05/10/23 13:07	05/11/23 15:05	1
Naphthalene	<5.8		37	5.8	ug/Kg	☼	05/10/23 13:07	05/11/23 15:05	1
Phenanthrene	<5.3		37	5.3	ug/Kg	☼	05/10/23 13:07	05/11/23 15:05	1
Pyrene	<7.5		37	7.5	ug/Kg	☼	05/10/23 13:07	05/11/23 15:05	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Nitrobenzene-d5 (Surr)	*61*		*37 - 147*	*05/10/23 13:07*	*05/11/23 15:05*	*1*
2-Fluorobiphenyl (Surr)	*66*		*43 - 145*	*05/10/23 13:07*	*05/11/23 15:05*	*1*
Terphenyl-d14 (Surr)	*78*		*42 - 157*	*05/10/23 13:07*	*05/11/23 15:05*	*1*

Method: SW846 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	**3.4**		1.1	0.37	mg/Kg	☼	05/10/23 09:59	05/17/23 19:38	1
Barium	**59**		1.1	0.12	mg/Kg	☼	05/10/23 09:59	05/17/23 19:38	1
Cadmium	**0.095**	**J B**	0.22	0.039	mg/Kg	☼	05/10/23 09:59	05/17/23 19:38	1
Chromium	**18**		1.1	0.54	mg/Kg	☼	05/10/23 09:59	05/17/23 19:38	1

Client: Stantec Consulting Corp.
Project/Site: 333 Reed Avenue Soil Char - 193709261

Job ID: 500-233489-1

Client Sample ID: SB-8 (4-6)
Date Collected: 05/04/23 14:15
Date Received: 05/09/23 08:29

Lab Sample ID: 500-233489-5
Matrix: Solid
Percent Solids: 84.6

Method: SW846 6010C - Metals (ICP) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	**6.7**		0.55	0.25	mg/Kg	☼	05/10/23 09:59	05/17/23 19:38	1
Selenium	<0.64		1.1	0.64	mg/Kg	☼	05/10/23 09:59	05/17/23 19:38	1
Silver	**0.35**	**J**	0.55	0.14	mg/Kg	☼	05/10/23 09:59	05/17/23 19:38	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.0097		0.018	0.0097	mg/Kg	☼	05/12/23 14:55	05/15/23 07:51	1

Client: Stantec Consulting Corp.
Project/Site: 333 Reed Avenue Soil Char - 193709261

Job ID: 500-233489-1

Client Sample ID: SB-9 (0-2)
Date Collected: 05/05/23 10:00
Date Received: 05/09/23 08:29

Lab Sample ID: 500-233489-6
Matrix: Solid
Percent Solids: 80.6

Method: SW846 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<52		110	52	ug/Kg	☼	05/05/23 10:00	05/16/23 05:26	50
1,1,1-Trichloroethane	<43		110	43	ug/Kg	☼	05/05/23 10:00	05/16/23 05:26	50
1,1,2,2-Tetrachloroethane	<45		110	45	ug/Kg	☼	05/05/23 10:00	05/16/23 05:26	50
1,1,2-Trichloroethane	<39		110	39	ug/Kg	☼	05/05/23 10:00	05/16/23 05:26	50
1,1-Dichloroethane	<46		110	46	ug/Kg	☼	05/05/23 10:00	05/16/23 05:26	50
1,1-Dichloroethene	<44		110	44	ug/Kg	☼	05/05/23 10:00	05/16/23 05:26	50
1,1-Dichloropropene	<33		110	33	ug/Kg	☼	05/05/23 10:00	05/16/23 05:26	50
1,2,3-Trichlorobenzene	<51		110	51	ug/Kg	☼	05/05/23 10:00	05/16/23 05:26	50
1,2,3-Trichloropropane	<46		220	46	ug/Kg	☼	05/05/23 10:00	05/16/23 05:26	50
1,2,4-Trichlorobenzene	<38		110	38	ug/Kg	☼	05/05/23 10:00	05/16/23 05:26	50
1,2,4-Trimethylbenzene	<40		110	40	ug/Kg	☼	05/05/23 10:00	05/16/23 05:26	50
1,2-Dibromo-3-Chloropropane	<220		560	220	ug/Kg	☼	05/05/23 10:00	05/16/23 05:26	50
1,2-Dibromoethane	<43		110	43	ug/Kg	☼	05/05/23 10:00	05/16/23 05:26	50
1,2-Dichlorobenzene	<37		110	37	ug/Kg	☼	05/05/23 10:00	05/16/23 05:26	50
1,2-Dichloroethane	<44		110	44	ug/Kg	☼	05/05/23 10:00	05/16/23 05:26	50
1,2-Dichloropropane	<48		110	48	ug/Kg	☼	05/05/23 10:00	05/16/23 05:26	50
1,3,5-Trimethylbenzene	<43		110	43	ug/Kg	☼	05/05/23 10:00	05/16/23 05:26	50
1,3-Dichlorobenzene	<45		110	45	ug/Kg	☼	05/05/23 10:00	05/16/23 05:26	50
1,3-Dichloropropane	<41		110	41	ug/Kg	☼	05/05/23 10:00	05/16/23 05:26	50
1,4-Dichlorobenzene	<41		110	41	ug/Kg	☼	05/05/23 10:00	05/16/23 05:26	50
2,2-Dichloropropane	<50		110	50	ug/Kg	☼	05/05/23 10:00	05/16/23 05:26	50
2-Chlorotoluene	<35		110	35	ug/Kg	☼	05/05/23 10:00	05/16/23 05:26	50
4-Chlorotoluene	<39		110	39	ug/Kg	☼	05/05/23 10:00	05/16/23 05:26	50
Benzene	<16		28	16	ug/Kg	☼	05/05/23 10:00	05/16/23 05:26	50
Bromobenzene	<40		110	40	ug/Kg	☼	05/05/23 10:00	05/16/23 05:26	50
Bromochloromethane	<48		110	48	ug/Kg	☼	05/05/23 10:00	05/16/23 05:26	50
Dichlorobromomethane	<42		110	42	ug/Kg	☼	05/05/23 10:00	05/16/23 05:26	50
Bromoform	<54		110	54	ug/Kg	☼	05/05/23 10:00	05/16/23 05:26	50
Bromomethane	<89		340	89	ug/Kg	☼	05/05/23 10:00	05/16/23 05:26	50
Carbon tetrachloride	<43		110	43	ug/Kg	☼	05/05/23 10:00	05/16/23 05:26	50
Chlorobenzene	<43		110	43	ug/Kg	☼	05/05/23 10:00	05/16/23 05:26	50
Chloroethane	<56		110	56	ug/Kg	☼	05/05/23 10:00	05/16/23 05:26	50
Chloroform	<41		220	41	ug/Kg	☼	05/05/23 10:00	05/16/23 05:26	50
Chloromethane	<36		110	36	ug/Kg	☼	05/05/23 10:00	05/16/23 05:26	50
cis-1,2-Dichloroethene	<46		110	46	ug/Kg	☼	05/05/23 10:00	05/16/23 05:26	50
cis-1,3-Dichloropropene	<47		110	47	ug/Kg	☼	05/05/23 10:00	05/16/23 05:26	50
Dibromochloromethane	<55		110	55	ug/Kg	☼	05/05/23 10:00	05/16/23 05:26	50
Dibromomethane	<30		110	30	ug/Kg	☼	05/05/23 10:00	05/16/23 05:26	50
Dichlorodifluoromethane	<75		340	75	ug/Kg	☼	05/05/23 10:00	05/16/23 05:26	50
Ethylbenzene	<20		28	20	ug/Kg	☼	05/05/23 10:00	05/16/23 05:26	50
Hexachlorobutadiene	<50		110	50	ug/Kg	☼	05/05/23 10:00	05/16/23 05:26	50
Isopropyl ether	<31		110	31	ug/Kg	☼	05/05/23 10:00	05/16/23 05:26	50
Isopropylbenzene	<43		110	43	ug/Kg	☼	05/05/23 10:00	05/16/23 05:26	50
Methyl tert-butyl ether	<44		110	44	ug/Kg	☼	05/05/23 10:00	05/16/23 05:26	50
Methylene Chloride	<180		560	180	ug/Kg	☼	05/05/23 10:00	05/16/23 05:26	50
Naphthalene	<37		110	37	ug/Kg	☼	05/05/23 10:00	05/16/23 05:26	50
n-Butylbenzene	<43		110	43	ug/Kg	☼	05/05/23 10:00	05/16/23 05:26	50
N-Propylbenzene	<46		110	46	ug/Kg	☼	05/05/23 10:00	05/16/23 05:26	50
p-Isopropyltoluene	<41		110	41	ug/Kg	☼	05/05/23 10:00	05/16/23 05:26	50

Client: Stantec Consulting Corp.
Project/Site: 333 Reed Avenue Soil Char - 193709261

Job ID: 500-233489-1

Client Sample ID: SB-9 (0-2)

Date Collected: 05/05/23 10:00
Date Received: 05/09/23 08:29

Lab Sample ID: 500-233489-6

Matrix: Solid
Percent Solids: 80.6

Method: SW846 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
sec-Butylbenzene	<45		110	45	ug/Kg	☼	05/05/23 10:00	05/16/23 05:26	50
Styrene	<43		110	43	ug/Kg	☼	05/05/23 10:00	05/16/23 05:26	50
tert-Butylbenzene	<45		110	45	ug/Kg	☼	05/05/23 10:00	05/16/23 05:26	50
Tetrachloroethene	<41	*+	110	41	ug/Kg	☼	05/05/23 10:00	05/16/23 05:26	50
Toluene	<16	*+	28	16	ug/Kg	☼	05/05/23 10:00	05/16/23 05:26	50
trans-1,2-Dichloroethene	<39		110	39	ug/Kg	☼	05/05/23 10:00	05/16/23 05:26	50
trans-1,3-Dichloropropene	<41		110	41	ug/Kg	☼	05/05/23 10:00	05/16/23 05:26	50
Trichloroethene	<18		56	18	ug/Kg	☼	05/05/23 10:00	05/16/23 05:26	50
Trichlorofluoromethane	<48		110	48	ug/Kg	☼	05/05/23 10:00	05/16/23 05:26	50
Vinyl chloride	<29		110	29	ug/Kg	☼	05/05/23 10:00	05/16/23 05:26	50
Xylenes, Total	<25		56	25	ug/Kg	☼	05/05/23 10:00	05/16/23 05:26	50

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*95*		*75 - 126*	*05/05/23 10:00*	*05/16/23 05:26*	*50*
4-Bromofluorobenzene (Surr)	*112*		*72 - 124*	*05/05/23 10:00*	*05/16/23 05:26*	*50*
Dibromofluoromethane (Surr)	*93*		*75 - 120*	*05/05/23 10:00*	*05/16/23 05:26*	*50*
Toluene-d8 (Surr)	*110*		*75 - 120*	*05/05/23 10:00*	*05/16/23 05:26*	*50*

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	<9.9		81	9.9	ug/Kg	☼	05/10/23 13:07	05/11/23 15:30	1
2-Methylnaphthalene	<7.4		81	7.4	ug/Kg	☼	05/10/23 13:07	05/11/23 15:30	1
Acenaphthene	<7.3		40	7.3	ug/Kg	☼	05/10/23 13:07	05/11/23 15:30	1
Acenaphthylene	<5.3		40	5.3	ug/Kg	☼	05/10/23 13:07	05/11/23 15:30	1
Anthracene	<6.7		40	6.7	ug/Kg	☼	05/10/23 13:07	05/11/23 15:30	1
Benzo[a]anthracene	<5.4		40	5.4	ug/Kg	☼	05/10/23 13:07	05/11/23 15:30	1
Benzo[a]pyrene	<7.8		40	7.8	ug/Kg	☼	05/10/23 13:07	05/11/23 15:30	1
Benzo[b]fluoranthene	<8.7		40	8.7	ug/Kg	☼	05/10/23 13:07	05/11/23 15:30	1
Benzo[g,h,i]perylene	<13		40	13	ug/Kg	☼	05/10/23 13:07	05/11/23 15:30	1
Benzo[k]fluoranthene	<12		40	12	ug/Kg	☼	05/10/23 13:07	05/11/23 15:30	1
Chrysene	<11		40	11	ug/Kg	☼	05/10/23 13:07	05/11/23 15:30	1
Dibenz(a,h)anthracene	<7.8		40	7.8	ug/Kg	☼	05/10/23 13:07	05/11/23 15:30	1
Fluoranthene	<7.5		40	7.5	ug/Kg	☼	05/10/23 13:07	05/11/23 15:30	1
Fluorene	<5.7		40	5.7	ug/Kg	☼	05/10/23 13:07	05/11/23 15:30	1
Indeno[1,2,3-cd]pyrene	<10		40	10	ug/Kg	☼	05/10/23 13:07	05/11/23 15:30	1
Naphthalene	<6.2		40	6.2	ug/Kg	☼	05/10/23 13:07	05/11/23 15:30	1
Phenanthrene	<5.6		40	5.6	ug/Kg	☼	05/10/23 13:07	05/11/23 15:30	1
Pyrene	<8.0		40	8.0	ug/Kg	☼	05/10/23 13:07	05/11/23 15:30	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Nitrobenzene-d5 (Surr)	*59*		*37 - 147*	*05/10/23 13:07*	*05/11/23 15:30*	*1*
2-Fluorobiphenyl (Surr)	*60*		*43 - 145*	*05/10/23 13:07*	*05/11/23 15:30*	*1*
Terphenyl-d14 (Surr)	*73*		*42 - 157*	*05/10/23 13:07*	*05/11/23 15:30*	*1*

Method: SW846 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	**4.4**		1.1	0.37	mg/Kg	☼	05/10/23 09:59	05/17/23 19:42	1
Barium	**85**		1.1	0.12	mg/Kg	☼	05/10/23 09:59	05/17/23 19:42	1
Cadmium	**0.14**	**J B**	0.22	0.039	mg/Kg	☼	05/10/23 09:59	05/17/23 19:42	1
Chromium	**31**		1.1	0.54	mg/Kg	☼	05/10/23 09:59	05/17/23 19:42	1

Client: Stantec Consulting Corp.
Project/Site: 333 Reed Avenue Soil Char - 193709261

Job ID: 500-233489-1

Client Sample ID: SB-9 (0-2)
Date Collected: 05/05/23 10:00
Date Received: 05/09/23 08:29

Lab Sample ID: 500-233489-6
Matrix: Solid
Percent Solids: 80.6

Method: SW846 6010C - Metals (ICP) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	**10**		0.54	0.25	mg/Kg	☼	05/10/23 09:59	05/17/23 19:42	1
Selenium	<0.64		1.1	0.64	mg/Kg	☼	05/10/23 09:59	05/17/23 19:42	1
Silver	**0.40**	**J**	0.54	0.14	mg/Kg	☼	05/10/23 09:59	05/17/23 19:42	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**0.031**		0.019	0.010	mg/Kg	☼	05/12/23 14:55	05/15/23 07:57	1

Client: Stantec Consulting Corp.
Project/Site: 333 Reed Avenue Soil Char - 193709261

Job ID: 500-233489-1

Client Sample ID: SB-22 (0.5-1.5)
Date Collected: 05/04/23 14:40
Date Received: 05/09/23 08:29

Lab Sample ID: 500-233489-7
Matrix: Solid
Percent Solids: 90.5

Method: SW846 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<41		89	41	ug/Kg	☼	05/05/23 14:40	05/16/23 05:50	50
1,1,1-Trichloroethane	<34		89	34	ug/Kg	☼	05/05/23 14:40	05/16/23 05:50	50
1,1,2,2-Tetrachloroethane	<35		89	35	ug/Kg	☼	05/05/23 14:40	05/16/23 05:50	50
1,1,2-Trichloroethane	<31		89	31	ug/Kg	☼	05/05/23 14:40	05/16/23 05:50	50
1,1-Dichloroethane	<36		89	36	ug/Kg	☼	05/05/23 14:40	05/16/23 05:50	50
1,1-Dichloroethene	<35		89	35	ug/Kg	☼	05/05/23 14:40	05/16/23 05:50	50
1,1-Dichloropropene	<26		89	26	ug/Kg	☼	05/05/23 14:40	05/16/23 05:50	50
1,2,3-Trichlorobenzene	<41		89	41	ug/Kg	☼	05/05/23 14:40	05/16/23 05:50	50
1,2,3-Trichloropropane	<37		180	37	ug/Kg	☼	05/05/23 14:40	05/16/23 05:50	50
1,2,4-Trichlorobenzene	<30		89	30	ug/Kg	☼	05/05/23 14:40	05/16/23 05:50	50
1,2,4-Trimethylbenzene	<32		89	32	ug/Kg	☼	05/05/23 14:40	05/16/23 05:50	50
1,2-Dibromo-3-Chloropropane	<180		440	180	ug/Kg	☼	05/05/23 14:40	05/16/23 05:50	50
1,2-Dibromoethane	<34		89	34	ug/Kg	☼	05/05/23 14:40	05/16/23 05:50	50
1,2-Dichlorobenzene	<30		89	30	ug/Kg	☼	05/05/23 14:40	05/16/23 05:50	50
1,2-Dichloroethane	<35		89	35	ug/Kg	☼	05/05/23 14:40	05/16/23 05:50	50
1,2-Dichloropropane	<38		89	38	ug/Kg	☼	05/05/23 14:40	05/16/23 05:50	50
1,3,5-Trimethylbenzene	<34		89	34	ug/Kg	☼	05/05/23 14:40	05/16/23 05:50	50
1,3-Dichlorobenzene	<35		89	35	ug/Kg	☼	05/05/23 14:40	05/16/23 05:50	50
1,3-Dichloropropane	<32		89	32	ug/Kg	☼	05/05/23 14:40	05/16/23 05:50	50
1,4-Dichlorobenzene	<32		89	32	ug/Kg	☼	05/05/23 14:40	05/16/23 05:50	50
2,2-Dichloropropane	<39		89	39	ug/Kg	☼	05/05/23 14:40	05/16/23 05:50	50
2-Chlorotoluene	<28		89	28	ug/Kg	☼	05/05/23 14:40	05/16/23 05:50	50
4-Chlorotoluene	<31		89	31	ug/Kg	☼	05/05/23 14:40	05/16/23 05:50	50
Benzene	<13		22	13	ug/Kg	☼	05/05/23 14:40	05/16/23 05:50	50
Bromobenzene	<32		89	32	ug/Kg	☼	05/05/23 14:40	05/16/23 05:50	50
Bromochloromethane	<38		89	38	ug/Kg	☼	05/05/23 14:40	05/16/23 05:50	50
Dichlorobromomethane	<33		89	33	ug/Kg	☼	05/05/23 14:40	05/16/23 05:50	50
Bromoform	<43		89	43	ug/Kg	☼	05/05/23 14:40	05/16/23 05:50	50
Bromomethane	<71		270	71	ug/Kg	☼	05/05/23 14:40	05/16/23 05:50	50
Carbon tetrachloride	<34		89	34	ug/Kg	☼	05/05/23 14:40	05/16/23 05:50	50
Chlorobenzene	<34		89	34	ug/Kg	☼	05/05/23 14:40	05/16/23 05:50	50
Chloroethane	<45		89	45	ug/Kg	☼	05/05/23 14:40	05/16/23 05:50	50
Chloroform	<33		180	33	ug/Kg	☼	05/05/23 14:40	05/16/23 05:50	50
Chloromethane	<28		89	28	ug/Kg	☼	05/05/23 14:40	05/16/23 05:50	50
cis-1,2-Dichloroethene	<36		89	36	ug/Kg	☼	05/05/23 14:40	05/16/23 05:50	50
cis-1,3-Dichloropropene	<37		89	37	ug/Kg	☼	05/05/23 14:40	05/16/23 05:50	50
Dibromochloromethane	<43		89	43	ug/Kg	☼	05/05/23 14:40	05/16/23 05:50	50
Dibromomethane	<24		89	24	ug/Kg	☼	05/05/23 14:40	05/16/23 05:50	50
Dichlorodifluoromethane	<60		270	60	ug/Kg	☼	05/05/23 14:40	05/16/23 05:50	50
Ethylbenzene	<16		22	16	ug/Kg	☼	05/05/23 14:40	05/16/23 05:50	50
Hexachlorobutadiene	<40		89	40	ug/Kg	☼	05/05/23 14:40	05/16/23 05:50	50
Isopropyl ether	<24		89	24	ug/Kg	☼	05/05/23 14:40	05/16/23 05:50	50
Isopropylbenzene	<34		89	34	ug/Kg	☼	05/05/23 14:40	05/16/23 05:50	50
Methyl tert-butyl ether	<35		89	35	ug/Kg	☼	05/05/23 14:40	05/16/23 05:50	50
Methylene Chloride	<140		440	140	ug/Kg	☼	05/05/23 14:40	05/16/23 05:50	50
Naphthalene	<30		89	30	ug/Kg	☼	05/05/23 14:40	05/16/23 05:50	50
n-Butylbenzene	<34		89	34	ug/Kg	☼	05/05/23 14:40	05/16/23 05:50	50
N-Propylbenzene	<37		89	37	ug/Kg	☼	05/05/23 14:40	05/16/23 05:50	50
p-Isopropyltoluene	<32		89	32	ug/Kg	☼	05/05/23 14:40	05/16/23 05:50	50

Client Sample ID: SB-22 (0.5-1.5) **Lab Sample ID: 500-233489-7**
Date Collected: 05/04/23 14:40 **Matrix: Solid**
Date Received: 05/09/23 08:29 **Percent Solids: 90.5**

Method: SW846 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
sec-Butylbenzene	<35		89	35	ug/Kg	☼	05/05/23 14:40	05/16/23 05:50	50
Styrene	<34		89	34	ug/Kg	☼	05/05/23 14:40	05/16/23 05:50	50
tert-Butylbenzene	<35		89	35	ug/Kg	☼	05/05/23 14:40	05/16/23 05:50	50
Tetrachloroethene	<33	*+	89	33	ug/Kg	☼	05/05/23 14:40	05/16/23 05:50	50
Toluene	<13	*+	22	13	ug/Kg	☼	05/05/23 14:40	05/16/23 05:50	50
trans-1,2-Dichloroethene	<31		89	31	ug/Kg	☼	05/05/23 14:40	05/16/23 05:50	50
trans-1,3-Dichloropropene	<32		89	32	ug/Kg	☼	05/05/23 14:40	05/16/23 05:50	50
Trichloroethene	<15		44	15	ug/Kg	☼	05/05/23 14:40	05/16/23 05:50	50
Trichlorofluoromethane	<38		89	38	ug/Kg	☼	05/05/23 14:40	05/16/23 05:50	50
Vinyl chloride	<23		89	23	ug/Kg	☼	05/05/23 14:40	05/16/23 05:50	50
Xylenes, Total	<19		44	19	ug/Kg	☼	05/05/23 14:40	05/16/23 05:50	50

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*93*		*75 - 126*	*05/05/23 14:40*	*05/16/23 05:50*	*50*
4-Bromofluorobenzene (Surr)	*113*		*72 - 124*	*05/05/23 14:40*	*05/16/23 05:50*	*50*
Dibromofluoromethane (Surr)	*93*		*75 - 120*	*05/05/23 14:40*	*05/16/23 05:50*	*50*
Toluene-d8 (Surr)	*109*		*75 - 120*	*05/05/23 14:40*	*05/16/23 05:50*	*50*

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	<8.8		73	8.8	ug/Kg	☼	05/10/23 13:07	05/11/23 15:56	1
2-Methylnaphthalene	<6.6		73	6.6	ug/Kg	☼	05/10/23 13:07	05/11/23 15:56	1
Acenaphthene	<6.5		36	6.5	ug/Kg	☼	05/10/23 13:07	05/11/23 15:56	1
Acenaphthylene	<4.8		36	4.8	ug/Kg	☼	05/10/23 13:07	05/11/23 15:56	1
Anthracene	<6.0		36	6.0	ug/Kg	☼	05/10/23 13:07	05/11/23 15:56	1
Benzo[a]anthracene	**16**	**J**	36	4.9	ug/Kg	☼	05/10/23 13:07	05/11/23 15:56	1
Benzo[a]pyrene	**46**		36	7.0	ug/Kg	☼	05/10/23 13:07	05/11/23 15:56	1
Benzo[b]fluoranthene	**47**		36	7.8	ug/Kg	☼	05/10/23 13:07	05/11/23 15:56	1
Benzo[g,h,i]perylene	**12**	**J**	36	12	ug/Kg	☼	05/10/23 13:07	05/11/23 15:56	1
Benzo[k]fluoranthene	<11		36	11	ug/Kg	☼	05/10/23 13:07	05/11/23 15:56	1
Chrysene	**12**	**J**	36	9.9	ug/Kg	☼	05/10/23 13:07	05/11/23 15:56	1
Dibenz(a,h)anthracene	<7.0		36	7.0	ug/Kg	☼	05/10/23 13:07	05/11/23 15:56	1
Fluoranthene	**22**	**J**	36	6.7	ug/Kg	☼	05/10/23 13:07	05/11/23 15:56	1
Fluorene	<5.1		36	5.1	ug/Kg	☼	05/10/23 13:07	05/11/23 15:56	1
Indeno[1,2,3-cd]pyrene	**31**	**J**	36	9.4	ug/Kg	☼	05/10/23 13:07	05/11/23 15:56	1
Naphthalene	<5.6		36	5.6	ug/Kg	☼	05/10/23 13:07	05/11/23 15:56	1
Phenanthrene	**12**	**J**	36	5.0	ug/Kg	☼	05/10/23 13:07	05/11/23 15:56	1
Pyrene	**18**	**J**	36	7.2	ug/Kg	☼	05/10/23 13:07	05/11/23 15:56	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Nitrobenzene-d5 (Surr)	*63*		*37 - 147*	*05/10/23 13:07*	*05/11/23 15:56*	*1*
2-Fluorobiphenyl (Surr)	*67*		*43 - 145*	*05/10/23 13:07*	*05/11/23 15:56*	*1*
Terphenyl-d14 (Surr)	*74*		*42 - 157*	*05/10/23 13:07*	*05/11/23 15:56*	*1*

Method: SW846 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	**1.4**		1.1	0.36	mg/Kg	☼	05/10/23 09:59	05/17/23 19:45	1
Barium	**12**		1.1	0.12	mg/Kg	☼	05/10/23 09:59	05/17/23 19:45	1
Cadmium	**0.082**	**J B**	0.21	0.038	mg/Kg	☼	05/10/23 09:59	05/17/23 19:45	1
Chromium	**4.9**		1.1	0.52	mg/Kg	☼	05/10/23 09:59	05/17/23 19:45	1

Client: Stantec Consulting Corp.
Project/Site: 333 Reed Avenue Soil Char - 193709261

Job ID: 500-233489-1

Client Sample ID: SB-22 (0.5-1.5)
Date Collected: 05/04/23 14:40
Date Received: 05/09/23 08:29

Lab Sample ID: 500-233489-7
Matrix: Solid
Percent Solids: 90.5

Method: SW846 6010C - Metals (ICP) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	**4.5**		0.53	0.24	mg/Kg	☼	05/10/23 09:59	05/17/23 19:45	1
Selenium	<0.62		1.1	0.62	mg/Kg	☼	05/10/23 09:59	05/17/23 19:45	1
Silver	**0.14**	**J**	0.53	0.14	mg/Kg	☼	05/10/23 09:59	05/17/23 19:45	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**0.018**		0.016	0.0087	mg/Kg	☼	05/12/23 14:55	05/15/23 07:59	1

Omitted

Omitted

Omitted

Client: Stantec Consulting Corp.
Project/Site: 333 Reed Avenue Soil Char - 193709261

Job ID: 500-233489-1

Client Sample ID: Trip Blank
Date Collected: 05/04/23 00:00
Date Received: 05/09/23 08:29

Lab Sample ID: 500-233489-9
Matrix: Solid

Method: SW846 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<23		50	23	ug/Kg		05/05/23 00:00	05/16/23 03:10	50
1,1,1-Trichloroethane	<19		50	19	ug/Kg		05/05/23 00:00	05/16/23 03:10	50
1,1,2,2-Tetrachloroethane	<20		50	20	ug/Kg		05/05/23 00:00	05/16/23 03:10	50
1,1,2-Trichloroethane	<18		50	18	ug/Kg		05/05/23 00:00	05/16/23 03:10	50
1,1-Dichloroethane	<21		50	21	ug/Kg		05/05/23 00:00	05/16/23 03:10	50
1,1-Dichloroethene	<20		50	20	ug/Kg		05/05/23 00:00	05/16/23 03:10	50
1,1-Dichloropropene	<15		50	15	ug/Kg		05/05/23 00:00	05/16/23 03:10	50
1,2,3-Trichlorobenzene	<23		50	23	ug/Kg		05/05/23 00:00	05/16/23 03:10	50
1,2,3-Trichloropropane	<21		100	21	ug/Kg		05/05/23 00:00	05/16/23 03:10	50
1,2,4-Trichlorobenzene	<17		50	17	ug/Kg		05/05/23 00:00	05/16/23 03:10	50
1,2,4-Trimethylbenzene	<18		50	18	ug/Kg		05/05/23 00:00	05/16/23 03:10	50
1,2-Dibromo-3-Chloropropane	<100		250	100	ug/Kg		05/05/23 00:00	05/16/23 03:10	50
1,2-Dibromoethane	<19		50	19	ug/Kg		05/05/23 00:00	05/16/23 03:10	50
1,2-Dichlorobenzene	<17		50	17	ug/Kg		05/05/23 00:00	05/16/23 03:10	50
1,2-Dichloroethane	<20		50	20	ug/Kg		05/05/23 00:00	05/16/23 03:10	50
1,2-Dichloropropane	<21		50	21	ug/Kg		05/05/23 00:00	05/16/23 03:10	50
1,3,5-Trimethylbenzene	<19		50	19	ug/Kg		05/05/23 00:00	05/16/23 03:10	50
1,3-Dichlorobenzene	<20		50	20	ug/Kg		05/05/23 00:00	05/16/23 03:10	50
1,3-Dichloropropane	<18		50	18	ug/Kg		05/05/23 00:00	05/16/23 03:10	50
1,4-Dichlorobenzene	<18		50	18	ug/Kg		05/05/23 00:00	05/16/23 03:10	50
2,2-Dichloropropane	<22		50	22	ug/Kg		05/05/23 00:00	05/16/23 03:10	50
2-Chlorotoluene	<16		50	16	ug/Kg		05/05/23 00:00	05/16/23 03:10	50
4-Chlorotoluene	<18		50	18	ug/Kg		05/05/23 00:00	05/16/23 03:10	50
Benzene	<7.3		13	7.3	ug/Kg		05/05/23 00:00	05/16/23 03:10	50
Bromobenzene	<18		50	18	ug/Kg		05/05/23 00:00	05/16/23 03:10	50
Bromochloromethane	<21		50	21	ug/Kg		05/05/23 00:00	05/16/23 03:10	50
Dichlorobromomethane	<19		50	19	ug/Kg		05/05/23 00:00	05/16/23 03:10	50
Bromoform	<24		50	24	ug/Kg		05/05/23 00:00	05/16/23 03:10	50
Bromomethane	<40		150	40	ug/Kg		05/05/23 00:00	05/16/23 03:10	50
Carbon tetrachloride	<19		50	19	ug/Kg		05/05/23 00:00	05/16/23 03:10	50
Chlorobenzene	<19		50	19	ug/Kg		05/05/23 00:00	05/16/23 03:10	50
Chloroethane	<25		50	25	ug/Kg		05/05/23 00:00	05/16/23 03:10	50
Chloroform	<19		100	19	ug/Kg		05/05/23 00:00	05/16/23 03:10	50
Chloromethane	<16		50	16	ug/Kg		05/05/23 00:00	05/16/23 03:10	50
cis-1,2-Dichloroethene	<20		50	20	ug/Kg		05/05/23 00:00	05/16/23 03:10	50
cis-1,3-Dichloropropene	<21		50	21	ug/Kg		05/05/23 00:00	05/16/23 03:10	50
Dibromochloromethane	<24		50	24	ug/Kg		05/05/23 00:00	05/16/23 03:10	50
Dibromomethane	<14		50	14	ug/Kg		05/05/23 00:00	05/16/23 03:10	50
Dichlorodifluoromethane	<34		150	34	ug/Kg		05/05/23 00:00	05/16/23 03:10	50
Ethylbenzene	<9.2		13	9.2	ug/Kg		05/05/23 00:00	05/16/23 03:10	50
Hexachlorobutadiene	<22		50	22	ug/Kg		05/05/23 00:00	05/16/23 03:10	50
Isopropyl ether	<14		50	14	ug/Kg		05/05/23 00:00	05/16/23 03:10	50
Isopropylbenzene	<19		50	19	ug/Kg		05/05/23 00:00	05/16/23 03:10	50
Methyl tert-butyl ether	<20		50	20	ug/Kg		05/05/23 00:00	05/16/23 03:10	50
Methylene Chloride	<82		250	82	ug/Kg		05/05/23 00:00	05/16/23 03:10	50
Naphthalene	<17		50	17	ug/Kg		05/05/23 00:00	05/16/23 03:10	50
n-Butylbenzene	<19		50	19	ug/Kg		05/05/23 00:00	05/16/23 03:10	50
N-Propylbenzene	<21		50	21	ug/Kg		05/05/23 00:00	05/16/23 03:10	50
p-Isopropyltoluene	<18		50	18	ug/Kg		05/05/23 00:00	05/16/23 03:10	50

Client: Stantec Consulting Corp.
Project/Site: 333 Reed Avenue Soil Char - 193709261

Job ID: 500-233489-1

Client Sample ID: Trip Blank
Date Collected: 05/04/23 00:00
Date Received: 05/09/23 08:29

Lab Sample ID: 500-233489-9
Matrix: Solid

Method: SW846 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
sec-Butylbenzene	<20		50	20	ug/Kg		05/05/23 00:00	05/16/23 03:10	50
Styrene	<19		50	19	ug/Kg		05/05/23 00:00	05/16/23 03:10	50
tert-Butylbenzene	<20		50	20	ug/Kg		05/05/23 00:00	05/16/23 03:10	50
Tetrachloroethene	<19	*+	50	19	ug/Kg		05/05/23 00:00	05/16/23 03:10	50
Toluene	<7.4	*+	13	7.4	ug/Kg		05/05/23 00:00	05/16/23 03:10	50
trans-1,2-Dichloroethene	<18		50	18	ug/Kg		05/05/23 00:00	05/16/23 03:10	50
trans-1,3-Dichloropropene	<18		50	18	ug/Kg		05/05/23 00:00	05/16/23 03:10	50
Trichloroethene	<8.2		25	8.2	ug/Kg		05/05/23 00:00	05/16/23 03:10	50
Trichlorofluoromethane	<21		50	21	ug/Kg		05/05/23 00:00	05/16/23 03:10	50
Vinyl chloride	<13		50	13	ug/Kg		05/05/23 00:00	05/16/23 03:10	50
Xylenes, Total	<11		25	11	ug/Kg		05/05/23 00:00	05/16/23 03:10	50

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*97*		*75 - 126*	*05/05/23 00:00*	*05/16/23 03:10*	*50*
4-Bromofluorobenzene (Surr)	*112*		*72 - 124*	*05/05/23 00:00*	*05/16/23 03:10*	*50*
Dibromofluoromethane (Surr)	*96*		*75 - 120*	*05/05/23 00:00*	*05/16/23 03:10*	*50*
Toluene-d8 (Surr)	*112*		*75 - 120*	*05/05/23 00:00*	*05/16/23 03:10*	*50*

Client: Stantec Consulting Corp.
Project/Site: 333 Reed Avenue Soil Char - 193709261

Job ID: 500-233489-1

Client Sample ID: SB-12 (0.25-1.75)
Date Collected: 05/04/23 13:50
Date Received: 05/09/23 08:29

Lab Sample ID: 500-233489-10
Matrix: Solid
Percent Solids: 82.4

Method: SW846 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<44		95	44	ug/Kg	☼	05/05/23 13:50	05/17/23 02:01	50
1,1,1-Trichloroethane	<36		95	36	ug/Kg	☼	05/05/23 13:50	05/17/23 02:01	50
1,1,2,2-Tetrachloroethane	<38		95	38	ug/Kg	☼	05/05/23 13:50	05/17/23 02:01	50
1,1,2-Trichloroethane	<33		95	33	ug/Kg	☼	05/05/23 13:50	05/17/23 02:01	50
1,1-Dichloroethane	<39		95	39	ug/Kg	☼	05/05/23 13:50	05/17/23 02:01	50
1,1-Dichloroethene	<37		95	37	ug/Kg	☼	05/05/23 13:50	05/17/23 02:01	50
1,1-Dichloropropene	<28		95	28	ug/Kg	☼	05/05/23 13:50	05/17/23 02:01	50
1,2,3-Trichlorobenzene	<44		95	44	ug/Kg	☼	05/05/23 13:50	05/17/23 02:01	50
1,2,3-Trichloropropane	<39		190	39	ug/Kg	☼	05/05/23 13:50	05/17/23 02:01	50
1,2,4-Trichlorobenzene	<33		95	33	ug/Kg	☼	05/05/23 13:50	05/17/23 02:01	50
1,2,4-Trimethylbenzene	<34		95	34	ug/Kg	☼	05/05/23 13:50	05/17/23 02:01	50
1,2-Dibromo-3-Chloropropane	<190		480	190	ug/Kg	☼	05/05/23 13:50	05/17/23 02:01	50
1,2-Dibromoethane	<37		95	37	ug/Kg	☼	05/05/23 13:50	05/17/23 02:01	50
1,2-Dichlorobenzene	<32		95	32	ug/Kg	☼	05/05/23 13:50	05/17/23 02:01	50
1,2-Dichloroethane	<37		95	37	ug/Kg	☼	05/05/23 13:50	05/17/23 02:01	50
1,2-Dichloropropane	<41		95	41	ug/Kg	☼	05/05/23 13:50	05/17/23 02:01	50
1,3,5-Trimethylbenzene	<36		95	36	ug/Kg	☼	05/05/23 13:50	05/17/23 02:01	50
1,3-Dichlorobenzene	<38		95	38	ug/Kg	☼	05/05/23 13:50	05/17/23 02:01	50
1,3-Dichloropropane	<34		95	34	ug/Kg	☼	05/05/23 13:50	05/17/23 02:01	50
1,4-Dichlorobenzene	<35		95	35	ug/Kg	☼	05/05/23 13:50	05/17/23 02:01	50
2,2-Dichloropropane	<42		95	42	ug/Kg	☼	05/05/23 13:50	05/17/23 02:01	50
2-Chlorotoluene	<30		95	30	ug/Kg	☼	05/05/23 13:50	05/17/23 02:01	50
4-Chlorotoluene	<33		95	33	ug/Kg	☼	05/05/23 13:50	05/17/23 02:01	50
Benzene	<14		24	14	ug/Kg	☼	05/05/23 13:50	05/17/23 02:01	50
Bromobenzene	<34		95	34	ug/Kg	☼	05/05/23 13:50	05/17/23 02:01	50
Bromochloromethane	<41		95	41	ug/Kg	☼	05/05/23 13:50	05/17/23 02:01	50
Dichlorobromomethane	<35		95	35	ug/Kg	☼	05/05/23 13:50	05/17/23 02:01	50
Bromoform	<46		95	46	ug/Kg	☼	05/05/23 13:50	05/17/23 02:01	50
Bromomethane	<76		290	76	ug/Kg	☼	05/05/23 13:50	05/17/23 02:01	50
Carbon tetrachloride	<37		95	37	ug/Kg	☼	05/05/23 13:50	05/17/23 02:01	50
Chlorobenzene	<37		95	37	ug/Kg	☼	05/05/23 13:50	05/17/23 02:01	50
Chloroethane	<48		95	48	ug/Kg	☼	05/05/23 13:50	05/17/23 02:01	50
Chloroform	<35		190	35	ug/Kg	☼	05/05/23 13:50	05/17/23 02:01	50
Chloromethane	<30		95	30	ug/Kg	☼	05/05/23 13:50	05/17/23 02:01	50
cis-1,2-Dichloroethene	<39		95	39	ug/Kg	☼	05/05/23 13:50	05/17/23 02:01	50
cis-1,3-Dichloropropene	<40		95	40	ug/Kg	☼	05/05/23 13:50	05/17/23 02:01	50
Dibromochloromethane	<46		95	46	ug/Kg	☼	05/05/23 13:50	05/17/23 02:01	50
Dibromomethane	<26		95	26	ug/Kg	☼	05/05/23 13:50	05/17/23 02:01	50
Dichlorodifluoromethane	<64		290	64	ug/Kg	☼	05/05/23 13:50	05/17/23 02:01	50
Ethylbenzene	<17		24	17	ug/Kg	☼	05/05/23 13:50	05/17/23 02:01	50
Hexachlorobutadiene	<42		95	42	ug/Kg	☼	05/05/23 13:50	05/17/23 02:01	50
Isopropyl ether	<26		95	26	ug/Kg	☼	05/05/23 13:50	05/17/23 02:01	50
Isopropylbenzene	<37		95	37	ug/Kg	☼	05/05/23 13:50	05/17/23 02:01	50
Methyl tert-butyl ether	<37		95	37	ug/Kg	☼	05/05/23 13:50	05/17/23 02:01	50
Methylene Chloride	<160		480	160	ug/Kg	☼	05/05/23 13:50	05/17/23 02:01	50
Naphthalene	<32		95	32	ug/Kg	☼	05/05/23 13:50	05/17/23 02:01	50
n-Butylbenzene	<37		95	37	ug/Kg	☼	05/05/23 13:50	05/17/23 02:01	50
N-Propylbenzene	<39		95	39	ug/Kg	☼	05/05/23 13:50	05/17/23 02:01	50
p-Isopropyltoluene	<34		95	34	ug/Kg	☼	05/05/23 13:50	05/17/23 02:01	50

Client: Stantec Consulting Corp.
Project/Site: 333 Reed Avenue Soil Char - 193709261

Job ID: 500-233489-1

Client Sample ID: SB-12 (0.25-1.75)

Date Collected: 05/04/23 13:50
Date Received: 05/09/23 08:29

Lab Sample ID: 500-233489-10

Matrix: Solid
Percent Solids: 82.4

Method: SW846 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
sec-Butylbenzene	<38		95	38	ug/Kg	☼	05/05/23 13:50	05/17/23 02:01	50
Styrene	<37		95	37	ug/Kg	☼	05/05/23 13:50	05/17/23 02:01	50
tert-Butylbenzene	<38		95	38	ug/Kg	☼	05/05/23 13:50	05/17/23 02:01	50
Tetrachloroethene	<35	*+	95	35	ug/Kg	☼	05/05/23 13:50	05/17/23 02:01	50
Toluene	<14	*+	24	14	ug/Kg	☼	05/05/23 13:50	05/17/23 02:01	50
trans-1,2-Dichloroethene	<33		95	33	ug/Kg	☼	05/05/23 13:50	05/17/23 02:01	50
trans-1,3-Dichloropropene	<34		95	34	ug/Kg	☼	05/05/23 13:50	05/17/23 02:01	50
Trichloroethene	<16		48	16	ug/Kg	☼	05/05/23 13:50	05/17/23 02:01	50
Trichlorofluoromethane	<41		95	41	ug/Kg	☼	05/05/23 13:50	05/17/23 02:01	50
Vinyl chloride	<25		95	25	ug/Kg	☼	05/05/23 13:50	05/17/23 02:01	50
Xylenes, Total	<21		48	21	ug/Kg	☼	05/05/23 13:50	05/17/23 02:01	50

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*89*		*75 - 126*	*05/05/23 13:50*	*05/17/23 02:01*	*50*
4-Bromofluorobenzene (Surr)	*103*		*72 - 124*	*05/05/23 13:50*	*05/17/23 02:01*	*50*
Dibromofluoromethane (Surr)	*96*		*75 - 120*	*05/05/23 13:50*	*05/17/23 02:01*	*50*
Toluene-d8 (Surr)	*94*		*75 - 120*	*05/05/23 13:50*	*05/17/23 02:01*	*50*

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	<9.4		78	9.4	ug/Kg	☼	05/10/23 13:07	05/11/23 16:46	1
2-Methylnaphthalene	<7.1		78	7.1	ug/Kg	☼	05/10/23 13:07	05/11/23 16:46	1
Acenaphthene	<6.9		38	6.9	ug/Kg	☼	05/10/23 13:07	05/11/23 16:46	1
Acenaphthylene	<5.1		38	5.1	ug/Kg	☼	05/10/23 13:07	05/11/23 16:46	1
Anthracene	<6.5		38	6.5	ug/Kg	☼	05/10/23 13:07	05/11/23 16:46	1
Benzo[a]anthracene	<5.2		38	5.2	ug/Kg	☼	05/10/23 13:07	05/11/23 16:46	1
Benzo[a]pyrene	<7.5		38	7.5	ug/Kg	☼	05/10/23 13:07	05/11/23 16:46	1
Benzo[b]fluoranthene	<8.3		38	8.3	ug/Kg	☼	05/10/23 13:07	05/11/23 16:46	1
Benzo[g,h,i]perylene	<12		38	12	ug/Kg	☼	05/10/23 13:07	05/11/23 16:46	1
Benzo[k]fluoranthene	<11		38	11	ug/Kg	☼	05/10/23 13:07	05/11/23 16:46	1
Chrysene	<11		38	11	ug/Kg	☼	05/10/23 13:07	05/11/23 16:46	1
Dibenz(a,h)anthracene	<7.5		38	7.5	ug/Kg	☼	05/10/23 13:07	05/11/23 16:46	1
Fluoranthene	<7.2		38	7.2	ug/Kg	☼	05/10/23 13:07	05/11/23 16:46	1
Fluorene	<5.4		38	5.4	ug/Kg	☼	05/10/23 13:07	05/11/23 16:46	1
Indeno[1,2,3-cd]pyrene	<10		38	10	ug/Kg	☼	05/10/23 13:07	05/11/23 16:46	1
Naphthalene	<5.9		38	5.9	ug/Kg	☼	05/10/23 13:07	05/11/23 16:46	1
Phenanthrene	<5.4		38	5.4	ug/Kg	☼	05/10/23 13:07	05/11/23 16:46	1
Pyrene	<7.7		38	7.7	ug/Kg	☼	05/10/23 13:07	05/11/23 16:46	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Nitrobenzene-d5 (Surr)	*68*		*37 - 147*	*05/10/23 13:07*	*05/11/23 16:46*	*1*
2-Fluorobiphenyl (Surr)	*69*		*43 - 145*	*05/10/23 13:07*	*05/11/23 16:46*	*1*
Terphenyl-d14 (Surr)	*79*		*42 - 157*	*05/10/23 13:07*	*05/11/23 16:46*	*1*

Method: SW846 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	**3.3**		1.0	0.35	mg/Kg	☼	05/10/23 09:59	05/17/23 19:52	1
Barium	**69**		1.0	0.12	mg/Kg	☼	05/10/23 09:59	05/17/23 19:52	1
Cadmium	**0.12**	**J B**	0.20	0.037	mg/Kg	☼	05/10/23 09:59	05/17/23 19:52	1
Chromium	**27**		1.0	0.51	mg/Kg	☼	05/10/23 09:59	05/17/23 19:52	1

Client: Stantec Consulting Corp.
Project/Site: 333 Reed Avenue Soil Char - 193709261

Job ID: 500-233489-1

Client Sample ID: SB-12 (0.25-1.75)
Date Collected: 05/04/23 13:50
Date Received: 05/09/23 08:29

Lab Sample ID: 500-233489-10
Matrix: Solid
Percent Solids: 82.4

Method: SW846 6010C - Metals (ICP) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	**8.3**		0.51	0.24	mg/Kg	☼	05/10/23 09:59	05/17/23 19:52	1
Selenium	<0.60		1.0	0.60	mg/Kg	☼	05/10/23 09:59	05/17/23 19:52	1
Silver	**0.57**		0.51	0.13	mg/Kg	☼	05/10/23 09:59	05/17/23 19:52	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**0.031**		0.019	0.010	mg/Kg	☼	05/12/23 14:55	05/15/23 08:03	1

Client: Stantec Consulting Corp.
Project/Site: 333 Reed Avenue Soil Char - 193709261

Job ID: 500-233489-1

Client Sample ID: SB-16 (1.75-3)
Date Collected: 05/04/23 14:05
Date Received: 05/09/23 08:29

Lab Sample ID: 500-233489-11
Matrix: Solid
Percent Solids: 78.8

Method: SW846 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<53		110	53	ug/Kg	☼	05/05/23 14:05	05/17/23 02:25	50
1,1,1-Trichloroethane	<43		110	43	ug/Kg	☼	05/05/23 14:05	05/17/23 02:25	50
1,1,2,2-Tetrachloroethane	<45		110	45	ug/Kg	☼	05/05/23 14:05	05/17/23 02:25	50
1,1,2-Trichloroethane	<40		110	40	ug/Kg	☼	05/05/23 14:05	05/17/23 02:25	50
1,1-Dichloroethane	<47		110	47	ug/Kg	☼	05/05/23 14:05	05/17/23 02:25	50
1,1-Dichloroethene	<45		110	45	ug/Kg	☼	05/05/23 14:05	05/17/23 02:25	50
1,1-Dichloropropene	<34		110	34	ug/Kg	☼	05/05/23 14:05	05/17/23 02:25	50
1,2,3-Trichlorobenzene	<52		110	52	ug/Kg	☼	05/05/23 14:05	05/17/23 02:25	50
1,2,3-Trichloropropane	<47		230	47	ug/Kg	☼	05/05/23 14:05	05/17/23 02:25	50
1,2,4-Trichlorobenzene	<39		110	39	ug/Kg	☼	05/05/23 14:05	05/17/23 02:25	50
1,2,4-Trimethylbenzene	<41		110	41	ug/Kg	☼	05/05/23 14:05	05/17/23 02:25	50
1,2-Dibromo-3-Chloropropane	<230		570	230	ug/Kg	☼	05/05/23 14:05	05/17/23 02:25	50
1,2-Dibromoethane	<44		110	44	ug/Kg	☼	05/05/23 14:05	05/17/23 02:25	50
1,2-Dichlorobenzene	<38		110	38	ug/Kg	☼	05/05/23 14:05	05/17/23 02:25	50
1,2-Dichloroethane	<45		110	45	ug/Kg	☼	05/05/23 14:05	05/17/23 02:25	50
1,2-Dichloropropane	<49		110	49	ug/Kg	☼	05/05/23 14:05	05/17/23 02:25	50
1,3,5-Trimethylbenzene	<43		110	43	ug/Kg	☼	05/05/23 14:05	05/17/23 02:25	50
1,3-Dichlorobenzene	<46		110	46	ug/Kg	☼	05/05/23 14:05	05/17/23 02:25	50
1,3-Dichloropropane	<41		110	41	ug/Kg	☼	05/05/23 14:05	05/17/23 02:25	50
1,4-Dichlorobenzene	<42		110	42	ug/Kg	☼	05/05/23 14:05	05/17/23 02:25	50
2,2-Dichloropropane	<51		110	51	ug/Kg	☼	05/05/23 14:05	05/17/23 02:25	50
2-Chlorotoluene	<36		110	36	ug/Kg	☼	05/05/23 14:05	05/17/23 02:25	50
4-Chlorotoluene	<40		110	40	ug/Kg	☼	05/05/23 14:05	05/17/23 02:25	50
Benzene	<17		29	17	ug/Kg	☼	05/05/23 14:05	05/17/23 02:25	50
Bromobenzene	<41		110	41	ug/Kg	☼	05/05/23 14:05	05/17/23 02:25	50
Bromochloromethane	<49		110	49	ug/Kg	☼	05/05/23 14:05	05/17/23 02:25	50
Dichlorobromomethane	<42		110	42	ug/Kg	☼	05/05/23 14:05	05/17/23 02:25	50
Bromoform	<55		110	55	ug/Kg	☼	05/05/23 14:05	05/17/23 02:25	50
Bromomethane	<91		340	91	ug/Kg	☼	05/05/23 14:05	05/17/23 02:25	50
Carbon tetrachloride	<44		110	44	ug/Kg	☼	05/05/23 14:05	05/17/23 02:25	50
Chlorobenzene	<44		110	44	ug/Kg	☼	05/05/23 14:05	05/17/23 02:25	50
Chloroethane	<58		110	58	ug/Kg	☼	05/05/23 14:05	05/17/23 02:25	50
Chloroform	<42		230	42	ug/Kg	☼	05/05/23 14:05	05/17/23 02:25	50
Chloromethane	<37		110	37	ug/Kg	☼	05/05/23 14:05	05/17/23 02:25	50
cis-1,2-Dichloroethene	<47		110	47	ug/Kg	☼	05/05/23 14:05	05/17/23 02:25	50
cis-1,3-Dichloropropene	<48		110	48	ug/Kg	☼	05/05/23 14:05	05/17/23 02:25	50
Dibromochloromethane	<56		110	56	ug/Kg	☼	05/05/23 14:05	05/17/23 02:25	50
Dibromomethane	<31		110	31	ug/Kg	☼	05/05/23 14:05	05/17/23 02:25	50
Dichlorodifluoromethane	<77		340	77	ug/Kg	☼	05/05/23 14:05	05/17/23 02:25	50
Ethylbenzene	<21		29	21	ug/Kg	☼	05/05/23 14:05	05/17/23 02:25	50
Hexachlorobutadiene	<51		110	51	ug/Kg	☼	05/05/23 14:05	05/17/23 02:25	50
Isopropyl ether	<32		110	32	ug/Kg	☼	05/05/23 14:05	05/17/23 02:25	50
Isopropylbenzene	<44		110	44	ug/Kg	☼	05/05/23 14:05	05/17/23 02:25	50
Methyl tert-butyl ether	<45		110	45	ug/Kg	☼	05/05/23 14:05	05/17/23 02:25	50
Methylene Chloride	<190		570	190	ug/Kg	☼	05/05/23 14:05	05/17/23 02:25	50
Naphthalene	<38		110	38	ug/Kg	☼	05/05/23 14:05	05/17/23 02:25	50
n-Butylbenzene	<44		110	44	ug/Kg	☼	05/05/23 14:05	05/17/23 02:25	50
N-Propylbenzene	<47		110	47	ug/Kg	☼	05/05/23 14:05	05/17/23 02:25	50
p-Isopropyltoluene	<41		110	41	ug/Kg	☼	05/05/23 14:05	05/17/23 02:25	50

Client: Stantec Consulting Corp.
Project/Site: 333 Reed Avenue Soil Char - 193709261

Job ID: 500-233489-1

Client Sample ID: SB-16 (1.75-3)

Date Collected: 05/04/23 14:05
Date Received: 05/09/23 08:29

Lab Sample ID: 500-233489-11

Matrix: Solid
Percent Solids: 78.8

Method: SW846 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
sec-Butylbenzene	<45		110	45	ug/Kg	☼	05/05/23 14:05	05/17/23 02:25	50
Styrene	<44		110	44	ug/Kg	☼	05/05/23 14:05	05/17/23 02:25	50
tert-Butylbenzene	<45		110	45	ug/Kg	☼	05/05/23 14:05	05/17/23 02:25	50
Tetrachloroethene	<42	*+	110	42	ug/Kg	☼	05/05/23 14:05	05/17/23 02:25	50
Toluene	<17	*+	29	17	ug/Kg	☼	05/05/23 14:05	05/17/23 02:25	50
trans-1,2-Dichloroethene	<40		110	40	ug/Kg	☼	05/05/23 14:05	05/17/23 02:25	50
trans-1,3-Dichloropropene	<41		110	41	ug/Kg	☼	05/05/23 14:05	05/17/23 02:25	50
Trichloroethene	<19		57	19	ug/Kg	☼	05/05/23 14:05	05/17/23 02:25	50
Trichlorofluoromethane	<49		110	49	ug/Kg	☼	05/05/23 14:05	05/17/23 02:25	50
Vinyl chloride	<30		110	30	ug/Kg	☼	05/05/23 14:05	05/17/23 02:25	50
Xylenes, Total	<25		57	25	ug/Kg	☼	05/05/23 14:05	05/17/23 02:25	50

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*91*		*75 - 126*	*05/05/23 14:05*	*05/17/23 02:25*	*50*
4-Bromofluorobenzene (Surr)	*103*		*72 - 124*	*05/05/23 14:05*	*05/17/23 02:25*	*50*
Dibromofluoromethane (Surr)	*98*		*75 - 120*	*05/05/23 14:05*	*05/17/23 02:25*	*50*
Toluene-d8 (Surr)	*96*		*75 - 120*	*05/05/23 14:05*	*05/17/23 02:25*	*50*

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	<28		230	28	ug/Kg	☼	05/10/23 13:07	05/11/23 17:11	1
2-Methylnaphthalene	<21		230	21	ug/Kg	☼	05/10/23 13:07	05/11/23 17:11	1
Acenaphthene	<20		110	20	ug/Kg	☼	05/10/23 13:07	05/11/23 17:11	1
Acenaphthylene	<15		110	15	ug/Kg	☼	05/10/23 13:07	05/11/23 17:11	1
Anthracene	<19		110	19	ug/Kg	☼	05/10/23 13:07	05/11/23 17:11	1
Benzo[a]anthracene	<15		110	15	ug/Kg	☼	05/10/23 13:07	05/11/23 17:11	1
Benzo[a]pyrene	<22		110	22	ug/Kg	☼	05/10/23 13:07	05/11/23 17:11	1
Benzo[b]fluoranthene	<25		110	25	ug/Kg	☼	05/10/23 13:07	05/11/23 17:11	1
Benzo[g,h,i]perylene	<37		110	37	ug/Kg	☼	05/10/23 13:07	05/11/23 17:11	1
Benzo[k]fluoranthene	<33		110	33	ug/Kg	☼	05/10/23 13:07	05/11/23 17:11	1
Chrysene	<31		110	31	ug/Kg	☼	05/10/23 13:07	05/11/23 17:11	1
Dibenz(a,h)anthracene	<22		110	22	ug/Kg	☼	05/10/23 13:07	05/11/23 17:11	1
Fluoranthene	<21		110	21	ug/Kg	☼	05/10/23 13:07	05/11/23 17:11	1
Fluorene	<16		110	16	ug/Kg	☼	05/10/23 13:07	05/11/23 17:11	1
Indeno[1,2,3-cd]pyrene	<29		110	29	ug/Kg	☼	05/10/23 13:07	05/11/23 17:11	1
Naphthalene	<17		110	17	ug/Kg	☼	05/10/23 13:07	05/11/23 17:11	1
Phenanthrene	<16		110	16	ug/Kg	☼	05/10/23 13:07	05/11/23 17:11	1
Pyrene	<23		110	23	ug/Kg	☼	05/10/23 13:07	05/11/23 17:11	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Nitrobenzene-d5 (Surr)	*38*		*37 - 147*	*05/10/23 13:07*	*05/11/23 17:11*	*1*
2-Fluorobiphenyl (Surr)	*39*	*S1-*	*43 - 145*	*05/10/23 13:07*	*05/11/23 17:11*	*1*
Terphenyl-d14 (Surr)	*43*		*42 - 157*	*05/10/23 13:07*	*05/11/23 17:11*	*1*

Method: SW846 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	**1.8**		1.1	0.37	mg/Kg	☼	05/10/23 09:59	05/17/23 19:56	1
Barium	**32**		1.1	0.12	mg/Kg	☼	05/10/23 09:59	05/17/23 19:56	1
Cadmium	**0.092**	**J B**	0.22	0.039	mg/Kg	☼	05/10/23 09:59	05/17/23 19:56	1
Chromium	**10**		1.1	0.54	mg/Kg	☼	05/10/23 09:59	05/17/23 19:56	1

Client: Stantec Consulting Corp.
Project/Site: 333 Reed Avenue Soil Char - 193709261

Job ID: 500-233489-1

Client Sample ID: SB-16 (1.75-3)
Date Collected: 05/04/23 14:05
Date Received: 05/09/23 08:29

Lab Sample ID: 500-233489-11
Matrix: Solid
Percent Solids: 78.8

Method: SW846 6010C - Metals (ICP) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	7.0		0.54	0.25	mg/Kg	☼	05/10/23 09:59	05/17/23 19:56	1
Selenium	<0.64		1.1	0.64	mg/Kg	☼	05/10/23 09:59	05/17/23 19:56	1
Silver	0.23	J	0.54	0.14	mg/Kg	☼	05/10/23 09:59	05/17/23 19:56	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.015	J	0.021	0.011	mg/Kg	☼	05/12/23 14:55	05/15/23 08:11	1

Client: Stantec Consulting Corp.
Project/Site: 333 Reed Avenue Soil Char - 193709261

Job ID: 500-233489-1

Client Sample ID: SB-15 (1.5-3.5)
Date Collected: 05/04/23 11:30
Date Received: 05/09/23 08:29

Lab Sample ID: 500-233489-12
Matrix: Solid
Percent Solids: 86.4

Method: SW846 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<43		93	43	ug/Kg	☼	05/05/23 11:30	05/17/23 02:49	50
1,1,1-Trichloroethane	<35		93	35	ug/Kg	☼	05/05/23 11:30	05/17/23 02:49	50
1,1,2,2-Tetrachloroethane	<37		93	37	ug/Kg	☼	05/05/23 11:30	05/17/23 02:49	50
1,1,2-Trichloroethane	<33		93	33	ug/Kg	☼	05/05/23 11:30	05/17/23 02:49	50
1,1-Dichloroethane	<38		93	38	ug/Kg	☼	05/05/23 11:30	05/17/23 02:49	50
1,1-Dichloroethene	<36		93	36	ug/Kg	☼	05/05/23 11:30	05/17/23 02:49	50
1,1-Dichloropropene	<28		93	28	ug/Kg	☼	05/05/23 11:30	05/17/23 02:49	50
1,2,3-Trichlorobenzene	<42		93	42	ug/Kg	☼	05/05/23 11:30	05/17/23 02:49	50
1,2,3-Trichloropropane	<38		190	38	ug/Kg	☼	05/05/23 11:30	05/17/23 02:49	50
1,2,4-Trichlorobenzene	<32		93	32	ug/Kg	☼	05/05/23 11:30	05/17/23 02:49	50
1,2,4-Trimethylbenzene	<33		93	33	ug/Kg	☼	05/05/23 11:30	05/17/23 02:49	50
1,2-Dibromo-3-Chloropropane	<180		460	180	ug/Kg	☼	05/05/23 11:30	05/17/23 02:49	50
1,2-Dibromoethane	<36		93	36	ug/Kg	☼	05/05/23 11:30	05/17/23 02:49	50
1,2-Dichlorobenzene	<31		93	31	ug/Kg	☼	05/05/23 11:30	05/17/23 02:49	50
1,2-Dichloroethane	<36		93	36	ug/Kg	☼	05/05/23 11:30	05/17/23 02:49	50
1,2-Dichloropropane	<40		93	40	ug/Kg	☼	05/05/23 11:30	05/17/23 02:49	50
1,3,5-Trimethylbenzene	<35		93	35	ug/Kg	☼	05/05/23 11:30	05/17/23 02:49	50
1,3-Dichlorobenzene	<37		93	37	ug/Kg	☼	05/05/23 11:30	05/17/23 02:49	50
1,3-Dichloropropane	<34		93	34	ug/Kg	☼	05/05/23 11:30	05/17/23 02:49	50
1,4-Dichlorobenzene	<34		93	34	ug/Kg	☼	05/05/23 11:30	05/17/23 02:49	50
2,2-Dichloropropane	<41		93	41	ug/Kg	☼	05/05/23 11:30	05/17/23 02:49	50
2-Chlorotoluene	<29		93	29	ug/Kg	☼	05/05/23 11:30	05/17/23 02:49	50
4-Chlorotoluene	<32		93	32	ug/Kg	☼	05/05/23 11:30	05/17/23 02:49	50
Benzene	<14		23	14	ug/Kg	☼	05/05/23 11:30	05/17/23 02:49	50
Bromobenzene	<33		93	33	ug/Kg	☼	05/05/23 11:30	05/17/23 02:49	50
Bromochloromethane	<40		93	40	ug/Kg	☼	05/05/23 11:30	05/17/23 02:49	50
Dichlorobromomethane	<34		93	34	ug/Kg	☼	05/05/23 11:30	05/17/23 02:49	50
Bromoform	<45		93	45	ug/Kg	☼	05/05/23 11:30	05/17/23 02:49	50
Bromomethane	<74		280	74	ug/Kg	☼	05/05/23 11:30	05/17/23 02:49	50
Carbon tetrachloride	<36		93	36	ug/Kg	☼	05/05/23 11:30	05/17/23 02:49	50
Chlorobenzene	<36		93	36	ug/Kg	☼	05/05/23 11:30	05/17/23 02:49	50
Chloroethane	<47		93	47	ug/Kg	☼	05/05/23 11:30	05/17/23 02:49	50
Chloroform	<34		190	34	ug/Kg	☼	05/05/23 11:30	05/17/23 02:49	50
Chloromethane	<30		93	30	ug/Kg	☼	05/05/23 11:30	05/17/23 02:49	50
cis-1,2-Dichloroethene	<38		93	38	ug/Kg	☼	05/05/23 11:30	05/17/23 02:49	50
cis-1,3-Dichloropropene	<39		93	39	ug/Kg	☼	05/05/23 11:30	05/17/23 02:49	50
Dibromochloromethane	<45		93	45	ug/Kg	☼	05/05/23 11:30	05/17/23 02:49	50
Dibromomethane	<25		93	25	ug/Kg	☼	05/05/23 11:30	05/17/23 02:49	50
Dichlorodifluoromethane	<62		280	62	ug/Kg	☼	05/05/23 11:30	05/17/23 02:49	50
Ethylbenzene	<17		23	17	ug/Kg	☼	05/05/23 11:30	05/17/23 02:49	50
Hexachlorobutadiene	<41		93	41	ug/Kg	☼	05/05/23 11:30	05/17/23 02:49	50
Isopropyl ether	<26		93	26	ug/Kg	☼	05/05/23 11:30	05/17/23 02:49	50
Isopropylbenzene	<36		93	36	ug/Kg	☼	05/05/23 11:30	05/17/23 02:49	50
Methyl tert-butyl ether	<37		93	37	ug/Kg	☼	05/05/23 11:30	05/17/23 02:49	50
Methylene Chloride	<150		460	150	ug/Kg	☼	05/05/23 11:30	05/17/23 02:49	50
Naphthalene	<31		93	31	ug/Kg	☼	05/05/23 11:30	05/17/23 02:49	50
n-Butylbenzene	<36		93	36	ug/Kg	☼	05/05/23 11:30	05/17/23 02:49	50
N-Propylbenzene	<38		93	38	ug/Kg	☼	05/05/23 11:30	05/17/23 02:49	50
p-Isopropyltoluene	<34		93	34	ug/Kg	☼	05/05/23 11:30	05/17/23 02:49	50

Client: Stantec Consulting Corp.
Project/Site: 333 Reed Avenue Soil Char - 193709261

Job ID: 500-233489-1

Client Sample ID: SB-15 (1.5-3.5)

Date Collected: 05/04/23 11:30
Date Received: 05/09/23 08:29

Lab Sample ID: 500-233489-12

Matrix: Solid
Percent Solids: 86.4

Method: SW846 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
sec-Butylbenzene	<37		93	37	ug/Kg	☼	05/05/23 11:30	05/17/23 02:49	50
Styrene	<36		93	36	ug/Kg	☼	05/05/23 11:30	05/17/23 02:49	50
tert-Butylbenzene	<37		93	37	ug/Kg	☼	05/05/23 11:30	05/17/23 02:49	50
Tetrachloroethene	<34	*+	93	34	ug/Kg	☼	05/05/23 11:30	05/17/23 02:49	50
Toluene	<14	*+	23	14	ug/Kg	☼	05/05/23 11:30	05/17/23 02:49	50
trans-1,2-Dichloroethene	<32		93	32	ug/Kg	☼	05/05/23 11:30	05/17/23 02:49	50
trans-1,3-Dichloropropene	<34		93	34	ug/Kg	☼	05/05/23 11:30	05/17/23 02:49	50
Trichloroethene	<15		46	15	ug/Kg	☼	05/05/23 11:30	05/17/23 02:49	50
Trichlorofluoromethane	<40		93	40	ug/Kg	☼	05/05/23 11:30	05/17/23 02:49	50
Vinyl chloride	<24		93	24	ug/Kg	☼	05/05/23 11:30	05/17/23 02:49	50
Xylenes, Total	<20		46	20	ug/Kg	☼	05/05/23 11:30	05/17/23 02:49	50

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*89*		*75 - 126*	*05/05/23 11:30*	*05/17/23 02:49*	*50*
4-Bromofluorobenzene (Surr)	*103*		*72 - 124*	*05/05/23 11:30*	*05/17/23 02:49*	*50*
Dibromofluoromethane (Surr)	*97*		*75 - 120*	*05/05/23 11:30*	*05/17/23 02:49*	*50*
Toluene-d8 (Surr)	*96*		*75 - 120*	*05/05/23 11:30*	*05/17/23 02:49*	*50*

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	<13		110	13	ug/Kg	☼	05/10/23 13:07	05/11/23 17:36	1
2-Methylnaphthalene	<10		110	10	ug/Kg	☼	05/10/23 13:07	05/11/23 17:36	1
Acenaphthene	<9.9		55	9.9	ug/Kg	☼	05/10/23 13:07	05/11/23 17:36	1
Acenaphthylene	<7.3		55	7.3	ug/Kg	☼	05/10/23 13:07	05/11/23 17:36	1
Anthracene	<9.2		55	9.2	ug/Kg	☼	05/10/23 13:07	05/11/23 17:36	1
Benzo[a]anthracene	<7.4		55	7.4	ug/Kg	☼	05/10/23 13:07	05/11/23 17:36	1
Benzo[a]pyrene	<11		55	11	ug/Kg	☼	05/10/23 13:07	05/11/23 17:36	1
Benzo[b]fluoranthene	<12		55	12	ug/Kg	☼	05/10/23 13:07	05/11/23 17:36	1
Benzo[g,h,i]perylene	<18		55	18	ug/Kg	☼	05/10/23 13:07	05/11/23 17:36	1
Benzo[k]fluoranthene	<16		55	16	ug/Kg	☼	05/10/23 13:07	05/11/23 17:36	1
Chrysene	<15		55	15	ug/Kg	☼	05/10/23 13:07	05/11/23 17:36	1
Dibenz(a,h)anthracene	<11		55	11	ug/Kg	☼	05/10/23 13:07	05/11/23 17:36	1
Fluoranthene	<10		55	10	ug/Kg	☼	05/10/23 13:07	05/11/23 17:36	1
Fluorene	<7.7		55	7.7	ug/Kg	☼	05/10/23 13:07	05/11/23 17:36	1
Indeno[1,2,3-cd]pyrene	<14		55	14	ug/Kg	☼	05/10/23 13:07	05/11/23 17:36	1
Naphthalene	<8.5		55	8.5	ug/Kg	☼	05/10/23 13:07	05/11/23 17:36	1
Phenanthrene	<7.7		55	7.7	ug/Kg	☼	05/10/23 13:07	05/11/23 17:36	1
Pyrene	<11		55	11	ug/Kg	☼	05/10/23 13:07	05/11/23 17:36	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Nitrobenzene-d5 (Surr)	*82*		*37 - 147*	*05/10/23 13:07*	*05/11/23 17:36*	*1*
2-Fluorobiphenyl (Surr)	*81*		*43 - 145*	*05/10/23 13:07*	*05/11/23 17:36*	*1*
Terphenyl-d14 (Surr)	*89*		*42 - 157*	*05/10/23 13:07*	*05/11/23 17:36*	*1*

Method: SW846 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	**1.1**		1.1	0.38	mg/Kg	☼	05/10/23 09:59	05/17/23 19:59	1
Barium	**14**		1.1	0.13	mg/Kg	☼	05/10/23 09:59	05/17/23 19:59	1
Cadmium	**0.071**	**J B**	0.22	0.040	mg/Kg	☼	05/10/23 09:59	05/17/23 19:59	1
Chromium	**5.5**		1.1	0.54	mg/Kg	☼	05/10/23 09:59	05/17/23 19:59	1

Client: Stantec Consulting Corp.
Project/Site: 333 Reed Avenue Soil Char - 193709261

Job ID: 500-233489-1

Client Sample ID: SB-15 (1.5-3.5)
Date Collected: 05/04/23 11:30
Date Received: 05/09/23 08:29

Lab Sample ID: 500-233489-12
Matrix: Solid
Percent Solids: 86.4

Method: SW846 6010C - Metals (ICP) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	**2.6**		0.55	0.25	mg/Kg	☼	05/10/23 09:59	05/17/23 19:59	1
Selenium	<0.65		1.1	0.65	mg/Kg	☼	05/10/23 09:59	05/17/23 19:59	1
Silver	**0.16**	**J**	0.55	0.14	mg/Kg	☼	05/10/23 09:59	05/17/23 19:59	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.0093		0.018	0.0093	mg/Kg	☼	05/12/23 14:55	05/15/23 08:13	1

Client: Stantec Consulting Corp.
Project/Site: 333 Reed Avenue Soil Char - 193709261

Job ID: 500-233489-1

Client Sample ID: SB-37 (2-3.5)
Date Collected: 05/04/23 15:05
Date Received: 05/09/23 08:29

Lab Sample ID: 500-233489-13
Matrix: Solid
Percent Solids: 84.5

Method: SW846 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<47		100	47	ug/Kg	☼	05/05/23 15:05	05/17/23 03:13	50
1,1,1-Trichloroethane	<39		100	39	ug/Kg	☼	05/05/23 15:05	05/17/23 03:13	50
1,1,2,2-Tetrachloroethane	<41		100	41	ug/Kg	☼	05/05/23 15:05	05/17/23 03:13	50
1,1,2-Trichloroethane	<36		100	36	ug/Kg	☼	05/05/23 15:05	05/17/23 03:13	50
1,1-Dichloroethane	<42		100	42	ug/Kg	☼	05/05/23 15:05	05/17/23 03:13	50
1,1-Dichloroethene	<40		100	40	ug/Kg	☼	05/05/23 15:05	05/17/23 03:13	50
1,1-Dichloropropene	<30		100	30	ug/Kg	☼	05/05/23 15:05	05/17/23 03:13	50
1,2,3-Trichlorobenzene	<47		100	47	ug/Kg	☼	05/05/23 15:05	05/17/23 03:13	50
1,2,3-Trichloropropane	<42		200	42	ug/Kg	☼	05/05/23 15:05	05/17/23 03:13	50
1,2,4-Trichlorobenzene	<35		100	35	ug/Kg	☼	05/05/23 15:05	05/17/23 03:13	50
1,2,4-Trimethylbenzene	<37		100	37	ug/Kg	☼	05/05/23 15:05	05/17/23 03:13	50
1,2-Dibromo-3-Chloropropane	<200		510	200	ug/Kg	☼	05/05/23 15:05	05/17/23 03:13	50
1,2-Dibromoethane	<39		100	39	ug/Kg	☼	05/05/23 15:05	05/17/23 03:13	50
1,2-Dichlorobenzene	<34		100	34	ug/Kg	☼	05/05/23 15:05	05/17/23 03:13	50
1,2-Dichloroethane	<40		100	40	ug/Kg	☼	05/05/23 15:05	05/17/23 03:13	50
1,2-Dichloropropane	<44		100	44	ug/Kg	☼	05/05/23 15:05	05/17/23 03:13	50
1,3,5-Trimethylbenzene	<39		100	39	ug/Kg	☼	05/05/23 15:05	05/17/23 03:13	50
1,3-Dichlorobenzene	<41		100	41	ug/Kg	☼	05/05/23 15:05	05/17/23 03:13	50
1,3-Dichloropropane	<37		100	37	ug/Kg	☼	05/05/23 15:05	05/17/23 03:13	50
1,4-Dichlorobenzene	<37		100	37	ug/Kg	☼	05/05/23 15:05	05/17/23 03:13	50
2,2-Dichloropropane	<45		100	45	ug/Kg	☼	05/05/23 15:05	05/17/23 03:13	50
2-Chlorotoluene	<32		100	32	ug/Kg	☼	05/05/23 15:05	05/17/23 03:13	50
4-Chlorotoluene	<36		100	36	ug/Kg	☼	05/05/23 15:05	05/17/23 03:13	50
Benzene	<15		26	15	ug/Kg	☼	05/05/23 15:05	05/17/23 03:13	50
Bromobenzene	<36		100	36	ug/Kg	☼	05/05/23 15:05	05/17/23 03:13	50
Bromochloromethane	<44		100	44	ug/Kg	☼	05/05/23 15:05	05/17/23 03:13	50
Dichlorobromomethane	<38		100	38	ug/Kg	☼	05/05/23 15:05	05/17/23 03:13	50
Bromoform	<49		100	49	ug/Kg	☼	05/05/23 15:05	05/17/23 03:13	50
Bromomethane	<81		310	81	ug/Kg	☼	05/05/23 15:05	05/17/23 03:13	50
Carbon tetrachloride	<39		100	39	ug/Kg	☼	05/05/23 15:05	05/17/23 03:13	50
Chlorobenzene	<39		100	39	ug/Kg	☼	05/05/23 15:05	05/17/23 03:13	50
Chloroethane	<51		100	51	ug/Kg	☼	05/05/23 15:05	05/17/23 03:13	50
Chloroform	<38		200	38	ug/Kg	☼	05/05/23 15:05	05/17/23 03:13	50
Chloromethane	<33		100	33	ug/Kg	☼	05/05/23 15:05	05/17/23 03:13	50
cis-1,2-Dichloroethene	<42		100	42	ug/Kg	☼	05/05/23 15:05	05/17/23 03:13	50
cis-1,3-Dichloropropene	<42		100	42	ug/Kg	☼	05/05/23 15:05	05/17/23 03:13	50
Dibromochloromethane	<50		100	50	ug/Kg	☼	05/05/23 15:05	05/17/23 03:13	50
Dibromomethane	<28		100	28	ug/Kg	☼	05/05/23 15:05	05/17/23 03:13	50
Dichlorodifluoromethane	<69		310	69	ug/Kg	☼	05/05/23 15:05	05/17/23 03:13	50
Ethylbenzene	<19		26	19	ug/Kg	☼	05/05/23 15:05	05/17/23 03:13	50
Hexachlorobutadiene	<45		100	45	ug/Kg	☼	05/05/23 15:05	05/17/23 03:13	50
Isopropyl ether	<28		100	28	ug/Kg	☼	05/05/23 15:05	05/17/23 03:13	50
Isopropylbenzene	<39		100	39	ug/Kg	☼	05/05/23 15:05	05/17/23 03:13	50
Methyl tert-butyl ether	<40		100	40	ug/Kg	☼	05/05/23 15:05	05/17/23 03:13	50
Methylene Chloride	<170		510	170	ug/Kg	☼	05/05/23 15:05	05/17/23 03:13	50
Naphthalene	<34		100	34	ug/Kg	☼	05/05/23 15:05	05/17/23 03:13	50
n-Butylbenzene	<40		100	40	ug/Kg	☼	05/05/23 15:05	05/17/23 03:13	50
N-Propylbenzene	<42		100	42	ug/Kg	☼	05/05/23 15:05	05/17/23 03:13	50
p-Isopropyltoluene	<37		100	37	ug/Kg	☼	05/05/23 15:05	05/17/23 03:13	50

Client Sample ID: SB-37 (2-3.5)
Date Collected: 05/04/23 15:05
Date Received: 05/09/23 08:29

Lab Sample ID: 500-233489-13
Matrix: Solid
Percent Solids: 84.5

Method: SW846 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
sec-Butylbenzene	<41		100	41	ug/Kg	☼	05/05/23 15:05	05/17/23 03:13	50
Styrene	<39		100	39	ug/Kg	☼	05/05/23 15:05	05/17/23 03:13	50
tert-Butylbenzene	<41		100	41	ug/Kg	☼	05/05/23 15:05	05/17/23 03:13	50
Tetrachloroethene	<38	*+	100	38	ug/Kg	☼	05/05/23 15:05	05/17/23 03:13	50
Toluene	<15	*+	26	15	ug/Kg	☼	05/05/23 15:05	05/17/23 03:13	50
trans-1,2-Dichloroethene	<36		100	36	ug/Kg	☼	05/05/23 15:05	05/17/23 03:13	50
trans-1,3-Dichloropropene	<37		100	37	ug/Kg	☼	05/05/23 15:05	05/17/23 03:13	50
Trichloroethene	<17		51	17	ug/Kg	☼	05/05/23 15:05	05/17/23 03:13	50
Trichlorofluoromethane	<44		100	44	ug/Kg	☼	05/05/23 15:05	05/17/23 03:13	50
Vinyl chloride	<27		100	27	ug/Kg	☼	05/05/23 15:05	05/17/23 03:13	50
Xylenes, Total	<22		51	22	ug/Kg	☼	05/05/23 15:05	05/17/23 03:13	50

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*89*		*75 - 126*	*05/05/23 15:05*	*05/17/23 03:13*	*50*
4-Bromofluorobenzene (Surr)	*105*		*72 - 124*	*05/05/23 15:05*	*05/17/23 03:13*	*50*
Dibromofluoromethane (Surr)	*97*		*75 - 120*	*05/05/23 15:05*	*05/17/23 03:13*	*50*
Toluene-d8 (Surr)	*97*		*75 - 120*	*05/05/23 15:05*	*05/17/23 03:13*	*50*

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	<9.2		76	9.2	ug/Kg	☼	05/10/23 13:07	05/11/23 18:01	1
2-Methylnaphthalene	<7.0		76	7.0	ug/Kg	☼	05/10/23 13:07	05/11/23 18:01	1
Acenaphthene	<6.8		38	6.8	ug/Kg	☼	05/10/23 13:07	05/11/23 18:01	1
Acenaphthylene	<5.0		38	5.0	ug/Kg	☼	05/10/23 13:07	05/11/23 18:01	1
Anthracene	<6.3		38	6.3	ug/Kg	☼	05/10/23 13:07	05/11/23 18:01	1
Benzo[a]anthracene	**23**	**J**	38	5.1	ug/Kg	☼	05/10/23 13:07	05/11/23 18:01	1
Benzo[a]pyrene	**55**		38	7.3	ug/Kg	☼	05/10/23 13:07	05/11/23 18:01	1
Benzo[b]fluoranthene	**55**		38	8.2	ug/Kg	☼	05/10/23 13:07	05/11/23 18:01	1
Benzo[g,h,i]perylene	**18**	**J**	38	12	ug/Kg	☼	05/10/23 13:07	05/11/23 18:01	1
Benzo[k]fluoranthene	<11		38	11	ug/Kg	☼	05/10/23 13:07	05/11/23 18:01	1
Chrysene	**20**	**J**	38	10	ug/Kg	☼	05/10/23 13:07	05/11/23 18:01	1
Dibenz(a,h)anthracene	<7.3		38	7.3	ug/Kg	☼	05/10/23 13:07	05/11/23 18:01	1
Fluoranthene	**33**	**J**	38	7.0	ug/Kg	☼	05/10/23 13:07	05/11/23 18:01	1
Fluorene	<5.3		38	5.3	ug/Kg	☼	05/10/23 13:07	05/11/23 18:01	1
Indeno[1,2,3-cd]pyrene	<9.8		38	9.8	ug/Kg	☼	05/10/23 13:07	05/11/23 18:01	1
Naphthalene	<5.8		38	5.8	ug/Kg	☼	05/10/23 13:07	05/11/23 18:01	1
Phenanthrene	**15**	**J**	38	5.3	ug/Kg	☼	05/10/23 13:07	05/11/23 18:01	1
Pyrene	**28**	**J**	38	7.5	ug/Kg	☼	05/10/23 13:07	05/11/23 18:01	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Nitrobenzene-d5 (Surr)	*64*		*37 - 147*	*05/10/23 13:07*	*05/11/23 18:01*	*1*
2-Fluorobiphenyl (Surr)	*66*		*43 - 145*	*05/10/23 13:07*	*05/11/23 18:01*	*1*
Terphenyl-d14 (Surr)	*79*		*42 - 157*	*05/10/23 13:07*	*05/11/23 18:01*	*1*

Method: SW846 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	**3.2**		1.2	0.40	mg/Kg	☼	05/10/23 09:59	05/17/23 20:03	1
Barium	**67**		1.2	0.13	mg/Kg	☼	05/10/23 09:59	05/17/23 20:03	1
Cadmium	**0.12**	**J B**	0.23	0.042	mg/Kg	☼	05/10/23 09:59	05/17/23 20:03	1
Chromium	**20**		1.2	0.58	mg/Kg	☼	05/10/23 09:59	05/17/23 20:03	1

Client: Stantec Consulting Corp.
Project/Site: 333 Reed Avenue Soil Char - 193709261

Job ID: 500-233489-1

Client Sample ID: SB-37 (2-3.5)
Date Collected: 05/04/23 15:05
Date Received: 05/09/23 08:29

Lab Sample ID: 500-233489-13
Matrix: Solid
Percent Solids: 84.5

Method: SW846 6010C - Metals (ICP) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	**6.9**		0.58	0.27	mg/Kg	☼	05/10/23 09:59	05/17/23 20:03	1
Selenium	<0.68		1.2	0.68	mg/Kg	☼	05/10/23 09:59	05/17/23 20:03	1
Silver	**0.37**	**J**	0.58	0.15	mg/Kg	☼	05/10/23 09:59	05/17/23 20:03	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.0097		0.018	0.0097	mg/Kg	☼	05/12/23 14:55	05/15/23 08:15	1

Client: Stantec Consulting Corp.
Project/Site: 333 Reed Avenue Soil Char - 193709261

Job ID: 500-233489-1

Client Sample ID: SB-27 (0.5-1)
Date Collected: 05/05/23 12:20
Date Received: 05/09/23 08:29

Lab Sample ID: 500-233489-14
Matrix: Solid
Percent Solids: 89.8

Method: SW846 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<48		100	48	ug/Kg	☼	05/05/23 12:20	05/17/23 03:37	50
1,1,1-Trichloroethane	<39		100	39	ug/Kg	☼	05/05/23 12:20	05/17/23 03:37	50
1,1,2,2-Tetrachloroethane	<41		100	41	ug/Kg	☼	05/05/23 12:20	05/17/23 03:37	50
1,1,2-Trichloroethane	<37		100	37	ug/Kg	☼	05/05/23 12:20	05/17/23 03:37	50
1,1-Dichloroethane	<43		100	43	ug/Kg	☼	05/05/23 12:20	05/17/23 03:37	50
1,1-Dichloroethene	<41		100	41	ug/Kg	☼	05/05/23 12:20	05/17/23 03:37	50
1,1-Dichloropropene	<31		100	31	ug/Kg	☼	05/05/23 12:20	05/17/23 03:37	50
1,2,3-Trichlorobenzene	<48		100	48	ug/Kg	☼	05/05/23 12:20	05/17/23 03:37	50
1,2,3-Trichloropropane	<43		210	43	ug/Kg	☼	05/05/23 12:20	05/17/23 03:37	50
1,2,4-Trichlorobenzene	<36		100	36	ug/Kg	☼	05/05/23 12:20	05/17/23 03:37	50
1,2,4-Trimethylbenzene	<37		100	37	ug/Kg	☼	05/05/23 12:20	05/17/23 03:37	50
1,2-Dibromo-3-Chloropropane	<210		520	210	ug/Kg	☼	05/05/23 12:20	05/17/23 03:37	50
1,2-Dibromoethane	<40		100	40	ug/Kg	☼	05/05/23 12:20	05/17/23 03:37	50
1,2-Dichlorobenzene	<35		100	35	ug/Kg	☼	05/05/23 12:20	05/17/23 03:37	50
1,2-Dichloroethane	<41		100	41	ug/Kg	☼	05/05/23 12:20	05/17/23 03:37	50
1,2-Dichloropropane	<44		100	44	ug/Kg	☼	05/05/23 12:20	05/17/23 03:37	50
1,3,5-Trimethylbenzene	<39		100	39	ug/Kg	☼	05/05/23 12:20	05/17/23 03:37	50
1,3-Dichlorobenzene	<42		100	42	ug/Kg	☼	05/05/23 12:20	05/17/23 03:37	50
1,3-Dichloropropane	<38		100	38	ug/Kg	☼	05/05/23 12:20	05/17/23 03:37	50
1,4-Dichlorobenzene	<38		100	38	ug/Kg	☼	05/05/23 12:20	05/17/23 03:37	50
2,2-Dichloropropane	<46		100	46	ug/Kg	☼	05/05/23 12:20	05/17/23 03:37	50
2-Chlorotoluene	<33		100	33	ug/Kg	☼	05/05/23 12:20	05/17/23 03:37	50
4-Chlorotoluene	<36		100	36	ug/Kg	☼	05/05/23 12:20	05/17/23 03:37	50
Benzene	<15		26	15	ug/Kg	☼	05/05/23 12:20	05/17/23 03:37	50
Bromobenzene	<37		100	37	ug/Kg	☼	05/05/23 12:20	05/17/23 03:37	50
Bromochloromethane	<44		100	44	ug/Kg	☼	05/05/23 12:20	05/17/23 03:37	50
Dichlorobromomethane	<39		100	39	ug/Kg	☼	05/05/23 12:20	05/17/23 03:37	50
Bromoform	<50		100	50	ug/Kg	☼	05/05/23 12:20	05/17/23 03:37	50
Bromomethane	<83		310	83	ug/Kg	☼	05/05/23 12:20	05/17/23 03:37	50
Carbon tetrachloride	<40		100	40	ug/Kg	☼	05/05/23 12:20	05/17/23 03:37	50
Chlorobenzene	<40		100	40	ug/Kg	☼	05/05/23 12:20	05/17/23 03:37	50
Chloroethane	<52		100	52	ug/Kg	☼	05/05/23 12:20	05/17/23 03:37	50
Chloroform	<38		210	38	ug/Kg	☼	05/05/23 12:20	05/17/23 03:37	50
Chloromethane	<33		100	33	ug/Kg	☼	05/05/23 12:20	05/17/23 03:37	50
cis-1,2-Dichloroethene	<42		100	42	ug/Kg	☼	05/05/23 12:20	05/17/23 03:37	50
cis-1,3-Dichloropropene	<43		100	43	ug/Kg	☼	05/05/23 12:20	05/17/23 03:37	50
Dibromochloromethane	<51		100	51	ug/Kg	☼	05/05/23 12:20	05/17/23 03:37	50
Dibromomethane	<28		100	28	ug/Kg	☼	05/05/23 12:20	05/17/23 03:37	50
Dichlorodifluoromethane	<70		310	70	ug/Kg	☼	05/05/23 12:20	05/17/23 03:37	50
Ethylbenzene	<19		26	19	ug/Kg	☼	05/05/23 12:20	05/17/23 03:37	50
Hexachlorobutadiene	<46		100	46	ug/Kg	☼	05/05/23 12:20	05/17/23 03:37	50
Isopropyl ether	<29		100	29	ug/Kg	☼	05/05/23 12:20	05/17/23 03:37	50
Isopropylbenzene	<40		100	40	ug/Kg	☼	05/05/23 12:20	05/17/23 03:37	50
Methyl tert-butyl ether	<41		100	41	ug/Kg	☼	05/05/23 12:20	05/17/23 03:37	50
Methylene Chloride	<170		520	170	ug/Kg	☼	05/05/23 12:20	05/17/23 03:37	50
Naphthalene	<35		100	35	ug/Kg	☼	05/05/23 12:20	05/17/23 03:37	50
n-Butylbenzene	<40		100	40	ug/Kg	☼	05/05/23 12:20	05/17/23 03:37	50
N-Propylbenzene	<43		100	43	ug/Kg	☼	05/05/23 12:20	05/17/23 03:37	50
p-Isopropyltoluene	<38		100	38	ug/Kg	☼	05/05/23 12:20	05/17/23 03:37	50

Client Sample ID: SB-27 (0.5-1) **Lab Sample ID: 500-233489-14**
Date Collected: 05/05/23 12:20 **Matrix: Solid**
Date Received: 05/09/23 08:29 **Percent Solids: 89.8**

Method: SW846 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
sec-Butylbenzene	<41		100	41	ug/Kg	☼	05/05/23 12:20	05/17/23 03:37	50
Styrene	<40		100	40	ug/Kg	☼	05/05/23 12:20	05/17/23 03:37	50
tert-Butylbenzene	<41		100	41	ug/Kg	☼	05/05/23 12:20	05/17/23 03:37	50
Tetrachloroethene	<38	*+	100	38	ug/Kg	☼	05/05/23 12:20	05/17/23 03:37	50
Toluene	<15	*+	26	15	ug/Kg	☼	05/05/23 12:20	05/17/23 03:37	50
trans-1,2-Dichloroethene	<36		100	36	ug/Kg	☼	05/05/23 12:20	05/17/23 03:37	50
trans-1,3-Dichloropropene	<38		100	38	ug/Kg	☼	05/05/23 12:20	05/17/23 03:37	50
Trichloroethene	<17		52	17	ug/Kg	☼	05/05/23 12:20	05/17/23 03:37	50
Trichlorofluoromethane	<44		100	44	ug/Kg	☼	05/05/23 12:20	05/17/23 03:37	50
Vinyl chloride	<27		100	27	ug/Kg	☼	05/05/23 12:20	05/17/23 03:37	50
Xylenes, Total	<23		52	23	ug/Kg	☼	05/05/23 12:20	05/17/23 03:37	50

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*89*		*75 - 126*	*05/05/23 12:20*	*05/17/23 03:37*	*50*
4-Bromofluorobenzene (Surr)	*99*		*72 - 124*	*05/05/23 12:20*	*05/17/23 03:37*	*50*
Dibromofluoromethane (Surr)	*98*		*75 - 120*	*05/05/23 12:20*	*05/17/23 03:37*	*50*
Toluene-d8 (Surr)	*96*		*75 - 120*	*05/05/23 12:20*	*05/17/23 03:37*	*50*

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	<9.0		74	9.0	ug/Kg	☼	05/10/23 13:07	05/11/23 18:25	1
2-Methylnaphthalene	<6.8		74	6.8	ug/Kg	☼	05/10/23 13:07	05/11/23 18:25	1
Acenaphthene	<6.6		37	6.6	ug/Kg	☼	05/10/23 13:07	05/11/23 18:25	1
Acenaphthylene	<4.9		37	4.9	ug/Kg	☼	05/10/23 13:07	05/11/23 18:25	1
Anthracene	**12**	**J**	37	6.2	ug/Kg	☼	05/10/23 13:07	05/11/23 18:25	1
Benzo[a]anthracene	**67**		37	5.0	ug/Kg	☼	05/10/23 13:07	05/11/23 18:25	1
Benzo[a]pyrene	**94**		37	7.1	ug/Kg	☼	05/10/23 13:07	05/11/23 18:25	1
Benzo[b]fluoranthene	**110**		37	8.0	ug/Kg	☼	05/10/23 13:07	05/11/23 18:25	1
Benzo[g,h,i]perylene	**55**		37	12	ug/Kg	☼	05/10/23 13:07	05/11/23 18:25	1
Benzo[k]fluoranthene	**29**	**J**	37	11	ug/Kg	☼	05/10/23 13:07	05/11/23 18:25	1
Chrysene	**62**		37	10	ug/Kg	☼	05/10/23 13:07	05/11/23 18:25	1
Dibenz(a,h)anthracene	<7.1		37	7.1	ug/Kg	☼	05/10/23 13:07	05/11/23 18:25	1
Fluoranthene	**110**		37	6.8	ug/Kg	☼	05/10/23 13:07	05/11/23 18:25	1
Fluorene	<5.2		37	5.2	ug/Kg	☼	05/10/23 13:07	05/11/23 18:25	1
Indeno[1,2,3-cd]pyrene	**89**		37	9.6	ug/Kg	☼	05/10/23 13:07	05/11/23 18:25	1
Naphthalene	<5.7		37	5.7	ug/Kg	☼	05/10/23 13:07	05/11/23 18:25	1
Phenanthrene	**45**		37	5.1	ug/Kg	☼	05/10/23 13:07	05/11/23 18:25	1
Pyrene	**93**		37	7.3	ug/Kg	☼	05/10/23 13:07	05/11/23 18:25	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Nitrobenzene-d5 (Surr)	*68*		*37 - 147*	*05/10/23 13:07*	*05/11/23 18:25*	*1*
2-Fluorobiphenyl (Surr)	*73*		*43 - 145*	*05/10/23 13:07*	*05/11/23 18:25*	*1*
Terphenyl-d14 (Surr)	*81*		*42 - 157*	*05/10/23 13:07*	*05/11/23 18:25*	*1*

Method: SW846 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	**0.96**	**J**	1.1	0.37	mg/Kg	☼	05/10/23 09:59	05/17/23 20:06	1
Barium	**13**		1.1	0.12	mg/Kg	☼	05/10/23 09:59	05/17/23 20:06	1
Cadmium	**0.075**	**J B**	0.21	0.038	mg/Kg	☼	05/10/23 09:59	05/17/23 20:06	1
Chromium	**4.7**		1.1	0.53	mg/Kg	☼	05/10/23 09:59	05/17/23 20:06	1

Client: Stantec Consulting Corp.
Project/Site: 333 Reed Avenue Soil Char - 193709261

Job ID: 500-233489-1

Client Sample ID: SB-27 (0.5-1)
Date Collected: 05/05/23 12:20
Date Received: 05/09/23 08:29

Lab Sample ID: 500-233489-14
Matrix: Solid
Percent Solids: 89.8

Method: SW846 6010C - Metals (ICP) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	**4.7**		0.53	0.25	mg/Kg	☼	05/10/23 09:59	05/17/23 20:06	1
Selenium	<0.63		1.1	0.63	mg/Kg	☼	05/10/23 09:59	05/17/23 20:06	1
Silver	<0.14		0.53	0.14	mg/Kg	☼	05/10/23 09:59	05/17/23 20:06	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**0.010**	**J**	0.017	0.0091	mg/Kg	☼	05/12/23 14:55	05/15/23 08:21	1

Client: Stantec Consulting Corp.
Project/Site: 333 Reed Avenue Soil Char - 193709261

Job ID: 500-233489-1

Client Sample ID: SB-29 (0.5-1.5)
Date Collected: 05/05/23 11:40
Date Received: 05/09/23 08:29

Lab Sample ID: 500-233489-15
Matrix: Solid
Percent Solids: 87.3

Method: SW846 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<48		100	48	ug/Kg	☼	05/05/23 11:40	05/17/23 04:01	50
1,1,1-Trichloroethane	<40		100	40	ug/Kg	☼	05/05/23 11:40	05/17/23 04:01	50
1,1,2,2-Tetrachloroethane	<42		100	42	ug/Kg	☼	05/05/23 11:40	05/17/23 04:01	50
1,1,2-Trichloroethane	<37		100	37	ug/Kg	☼	05/05/23 11:40	05/17/23 04:01	50
1,1-Dichloroethane	<43		100	43	ug/Kg	☼	05/05/23 11:40	05/17/23 04:01	50
1,1-Dichloroethene	<41		100	41	ug/Kg	☼	05/05/23 11:40	05/17/23 04:01	50
1,1-Dichloropropene	<31		100	31	ug/Kg	☼	05/05/23 11:40	05/17/23 04:01	50
1,2,3-Trichlorobenzene	<48		100	48	ug/Kg	☼	05/05/23 11:40	05/17/23 04:01	50
1,2,3-Trichloropropane	<43		210	43	ug/Kg	☼	05/05/23 11:40	05/17/23 04:01	50
1,2,4-Trichlorobenzene	<36		100	36	ug/Kg	☼	05/05/23 11:40	05/17/23 04:01	50
1,2,4-Trimethylbenzene	<37		100	37	ug/Kg	☼	05/05/23 11:40	05/17/23 04:01	50
1,2-Dibromo-3-Chloropropane	<210		520	210	ug/Kg	☼	05/05/23 11:40	05/17/23 04:01	50
1,2-Dibromoethane	<40		100	40	ug/Kg	☼	05/05/23 11:40	05/17/23 04:01	50
1,2-Dichlorobenzene	<35		100	35	ug/Kg	☼	05/05/23 11:40	05/17/23 04:01	50
1,2-Dichloroethane	<41		100	41	ug/Kg	☼	05/05/23 11:40	05/17/23 04:01	50
1,2-Dichloropropane	<45		100	45	ug/Kg	☼	05/05/23 11:40	05/17/23 04:01	50
1,3,5-Trimethylbenzene	<40		100	40	ug/Kg	☼	05/05/23 11:40	05/17/23 04:01	50
1,3-Dichlorobenzene	<42		100	42	ug/Kg	☼	05/05/23 11:40	05/17/23 04:01	50
1,3-Dichloropropane	<38		100	38	ug/Kg	☼	05/05/23 11:40	05/17/23 04:01	50
1,4-Dichlorobenzene	<38		100	38	ug/Kg	☼	05/05/23 11:40	05/17/23 04:01	50
2,2-Dichloropropane	<46		100	46	ug/Kg	☼	05/05/23 11:40	05/17/23 04:01	50
2-Chlorotoluene	<33		100	33	ug/Kg	☼	05/05/23 11:40	05/17/23 04:01	50
4-Chlorotoluene	<37		100	37	ug/Kg	☼	05/05/23 11:40	05/17/23 04:01	50
Benzene	<15		26	15	ug/Kg	☼	05/05/23 11:40	05/17/23 04:01	50
Bromobenzene	<37		100	37	ug/Kg	☼	05/05/23 11:40	05/17/23 04:01	50
Bromochloromethane	<45		100	45	ug/Kg	☼	05/05/23 11:40	05/17/23 04:01	50
Dichlorobromomethane	<39		100	39	ug/Kg	☼	05/05/23 11:40	05/17/23 04:01	50
Bromoform	<51		100	51	ug/Kg	☼	05/05/23 11:40	05/17/23 04:01	50
Bromomethane	<83		310	83	ug/Kg	☼	05/05/23 11:40	05/17/23 04:01	50
Carbon tetrachloride	<40		100	40	ug/Kg	☼	05/05/23 11:40	05/17/23 04:01	50
Chlorobenzene	<40		100	40	ug/Kg	☼	05/05/23 11:40	05/17/23 04:01	50
Chloroethane	<53		100	53	ug/Kg	☼	05/05/23 11:40	05/17/23 04:01	50
Chloroform	<39		210	39	ug/Kg	☼	05/05/23 11:40	05/17/23 04:01	50
Chloromethane	<33		100	33	ug/Kg	☼	05/05/23 11:40	05/17/23 04:01	50
cis-1,2-Dichloroethene	<43		100	43	ug/Kg	☼	05/05/23 11:40	05/17/23 04:01	50
cis-1,3-Dichloropropene	<43		100	43	ug/Kg	☼	05/05/23 11:40	05/17/23 04:01	50
Dibromochloromethane	<51		100	51	ug/Kg	☼	05/05/23 11:40	05/17/23 04:01	50
Dibromomethane	<28		100	28	ug/Kg	☼	05/05/23 11:40	05/17/23 04:01	50
Dichlorodifluoromethane	<70		310	70	ug/Kg	☼	05/05/23 11:40	05/17/23 04:01	50
Ethylbenzene	<19		26	19	ug/Kg	☼	05/05/23 11:40	05/17/23 04:01	50
Hexachlorobutadiene	<47		100	47	ug/Kg	☼	05/05/23 11:40	05/17/23 04:01	50
Isopropyl ether	<29		100	29	ug/Kg	☼	05/05/23 11:40	05/17/23 04:01	50
Isopropylbenzene	<40		100	40	ug/Kg	☼	05/05/23 11:40	05/17/23 04:01	50
Methyl tert-butyl ether	<41		100	41	ug/Kg	☼	05/05/23 11:40	05/17/23 04:01	50
Methylene Chloride	<170		520	170	ug/Kg	☼	05/05/23 11:40	05/17/23 04:01	50
Naphthalene	<35		100	35	ug/Kg	☼	05/05/23 11:40	05/17/23 04:01	50
n-Butylbenzene	<41		100	41	ug/Kg	☼	05/05/23 11:40	05/17/23 04:01	50
N-Propylbenzene	<43		100	43	ug/Kg	☼	05/05/23 11:40	05/17/23 04:01	50
p-Isopropyltoluene	<38		100	38	ug/Kg	☼	05/05/23 11:40	05/17/23 04:01	50

Client Sample ID: SB-29 (0.5-1.5)
Date Collected: 05/05/23 11:40
Date Received: 05/09/23 08:29

Lab Sample ID: 500-233489-15
Matrix: Solid
Percent Solids: 87.3

Method: SW846 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
sec-Butylbenzene	<42		100	42	ug/Kg	☼	05/05/23 11:40	05/17/23 04:01	50
Styrene	<40		100	40	ug/Kg	☼	05/05/23 11:40	05/17/23 04:01	50
tert-Butylbenzene	<42		100	42	ug/Kg	☼	05/05/23 11:40	05/17/23 04:01	50
Tetrachloroethene	<39	*+	100	39	ug/Kg	☼	05/05/23 11:40	05/17/23 04:01	50
Toluene	<15	*+	26	15	ug/Kg	☼	05/05/23 11:40	05/17/23 04:01	50
trans-1,2-Dichloroethene	<37		100	37	ug/Kg	☼	05/05/23 11:40	05/17/23 04:01	50
trans-1,3-Dichloropropene	<38		100	38	ug/Kg	☼	05/05/23 11:40	05/17/23 04:01	50
Trichloroethene	<17		52	17	ug/Kg	☼	05/05/23 11:40	05/17/23 04:01	50
Trichlorofluoromethane	<45		100	45	ug/Kg	☼	05/05/23 11:40	05/17/23 04:01	50
Vinyl chloride	<27		100	27	ug/Kg	☼	05/05/23 11:40	05/17/23 04:01	50
Xylenes, Total	<23		52	23	ug/Kg	☼	05/05/23 11:40	05/17/23 04:01	50

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*91*		*75 - 126*	*05/05/23 11:40*	*05/17/23 04:01*	*50*
4-Bromofluorobenzene (Surr)	*104*		*72 - 124*	*05/05/23 11:40*	*05/17/23 04:01*	*50*
Dibromofluoromethane (Surr)	*98*		*75 - 120*	*05/05/23 11:40*	*05/17/23 04:01*	*50*
Toluene-d8 (Surr)	*94*		*75 - 120*	*05/05/23 11:40*	*05/17/23 04:01*	*50*

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	<8.9		73	8.9	ug/Kg	☼	05/10/23 13:07	05/11/23 18:50	1
2-Methylnaphthalene	<6.7		73	6.7	ug/Kg	☼	05/10/23 13:07	05/11/23 18:50	1
Acenaphthene	<6.5		36	6.5	ug/Kg	☼	05/10/23 13:07	05/11/23 18:50	1
Acenaphthylene	<4.8		36	4.8	ug/Kg	☼	05/10/23 13:07	05/11/23 18:50	1
Anthracene	<6.1		36	6.1	ug/Kg	☼	05/10/23 13:07	05/11/23 18:50	1
Benzo[a]anthracene	**16**	**J**	36	4.9	ug/Kg	☼	05/10/23 13:07	05/11/23 18:50	1
Benzo[a]pyrene	**45**		36	7.0	ug/Kg	☼	05/10/23 13:07	05/11/23 18:50	1
Benzo[b]fluoranthene	**44**		36	7.8	ug/Kg	☼	05/10/23 13:07	05/11/23 18:50	1
Benzo[g,h,i]perylene	<12		36	12	ug/Kg	☼	05/10/23 13:07	05/11/23 18:50	1
Benzo[k]fluoranthene	<11		36	11	ug/Kg	☼	05/10/23 13:07	05/11/23 18:50	1
Chrysene	<9.9		36	9.9	ug/Kg	☼	05/10/23 13:07	05/11/23 18:50	1
Dibenz(a,h)anthracene	<7.0		36	7.0	ug/Kg	☼	05/10/23 13:07	05/11/23 18:50	1
Fluoranthene	**17**	**J**	36	6.7	ug/Kg	☼	05/10/23 13:07	05/11/23 18:50	1
Fluorene	<5.1		36	5.1	ug/Kg	☼	05/10/23 13:07	05/11/23 18:50	1
Indeno[1,2,3-cd]pyrene	**27**	**J**	36	9.4	ug/Kg	☼	05/10/23 13:07	05/11/23 18:50	1
Naphthalene	<5.6		36	5.6	ug/Kg	☼	05/10/23 13:07	05/11/23 18:50	1
Phenanthrene	**11**	**J**	36	5.1	ug/Kg	☼	05/10/23 13:07	05/11/23 18:50	1
Pyrene	**14**	**J**	36	7.2	ug/Kg	☼	05/10/23 13:07	05/11/23 18:50	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Nitrobenzene-d5 (Surr)	*70*		*37 - 147*	*05/10/23 13:07*	*05/11/23 18:50*	*1*
2-Fluorobiphenyl (Surr)	*73*		*43 - 145*	*05/10/23 13:07*	*05/11/23 18:50*	*1*
Terphenyl-d14 (Surr)	*85*		*42 - 157*	*05/10/23 13:07*	*05/11/23 18:50*	*1*

Method: SW846 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	**1.1**		1.0	0.35	mg/Kg	☼	05/10/23 09:59	05/17/23 20:10	1
Barium	**17**		1.0	0.12	mg/Kg	☼	05/10/23 09:59	05/17/23 20:10	1
Cadmium	**0.11**	**J B**	0.21	0.037	mg/Kg	☼	05/10/23 09:59	05/17/23 20:10	1
Chromium	**5.9**		1.0	0.51	mg/Kg	☼	05/10/23 09:59	05/17/23 20:10	1

Client: Stantec Consulting Corp.
Project/Site: 333 Reed Avenue Soil Char - 193709261

Job ID: 500-233489-1

Client Sample ID: SB-29 (0.5-1.5)
Date Collected: 05/05/23 11:40
Date Received: 05/09/23 08:29

Lab Sample ID: 500-233489-15
Matrix: Solid
Percent Solids: 87.3

Method: SW846 6010C - Metals (ICP) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	**13**		0.52	0.24	mg/Kg	☼	05/10/23 09:59	05/17/23 20:10	1
Selenium	<0.61		1.0	0.61	mg/Kg	☼	05/10/23 09:59	05/17/23 20:10	1
Silver	**0.15**	**J**	0.52	0.13	mg/Kg	☼	05/10/23 09:59	05/17/23 20:10	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**0.14**		0.018	0.0096	mg/Kg	☼	05/12/23 14:55	05/15/23 08:23	1

Client: Stantec Consulting Corp.
Project/Site: 333 Reed Avenue Soil Char - 193709261

Job ID: 500-233489-1

Client Sample ID: SB-21 (0.5-1.5)
Date Collected: 05/04/23 11:15
Date Received: 05/09/23 08:29

Lab Sample ID: 500-233489-16
Matrix: Solid
Percent Solids: 89.3

Method: SW846 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<42		91	42	ug/Kg	☼	05/05/23 11:15	05/17/23 04:26	50
1,1,1-Trichloroethane	<35		91	35	ug/Kg	☼	05/05/23 11:15	05/17/23 04:26	50
1,1,2,2-Tetrachloroethane	<36		91	36	ug/Kg	☼	05/05/23 11:15	05/17/23 04:26	50
1,1,2-Trichloroethane	<32		91	32	ug/Kg	☼	05/05/23 11:15	05/17/23 04:26	50
1,1-Dichloroethane	<37		91	37	ug/Kg	☼	05/05/23 11:15	05/17/23 04:26	50
1,1-Dichloroethene	<36		91	36	ug/Kg	☼	05/05/23 11:15	05/17/23 04:26	50
1,1-Dichloropropene	<27		91	27	ug/Kg	☼	05/05/23 11:15	05/17/23 04:26	50
1,2,3-Trichlorobenzene	<42		91	42	ug/Kg	☼	05/05/23 11:15	05/17/23 04:26	50
1,2,3-Trichloropropane	<38		180	38	ug/Kg	☼	05/05/23 11:15	05/17/23 04:26	50
1,2,4-Trichlorobenzene	<31		91	31	ug/Kg	☼	05/05/23 11:15	05/17/23 04:26	50
1,2,4-Trimethylbenzene	<33		91	33	ug/Kg	☼	05/05/23 11:15	05/17/23 04:26	50
1,2-Dibromo-3-Chloropropane	<180		460	180	ug/Kg	☼	05/05/23 11:15	05/17/23 04:26	50
1,2-Dibromoethane	<35		91	35	ug/Kg	☼	05/05/23 11:15	05/17/23 04:26	50
1,2-Dichlorobenzene	<30		91	30	ug/Kg	☼	05/05/23 11:15	05/17/23 04:26	50
1,2-Dichloroethane	<36		91	36	ug/Kg	☼	05/05/23 11:15	05/17/23 04:26	50
1,2-Dichloropropane	<39		91	39	ug/Kg	☼	05/05/23 11:15	05/17/23 04:26	50
1,3,5-Trimethylbenzene	<35		91	35	ug/Kg	☼	05/05/23 11:15	05/17/23 04:26	50
1,3-Dichlorobenzene	<36		91	36	ug/Kg	☼	05/05/23 11:15	05/17/23 04:26	50
1,3-Dichloropropane	<33		91	33	ug/Kg	☼	05/05/23 11:15	05/17/23 04:26	50
1,4-Dichlorobenzene	<33		91	33	ug/Kg	☼	05/05/23 11:15	05/17/23 04:26	50
2,2-Dichloropropane	<40		91	40	ug/Kg	☼	05/05/23 11:15	05/17/23 04:26	50
2-Chlorotoluene	<29		91	29	ug/Kg	☼	05/05/23 11:15	05/17/23 04:26	50
4-Chlorotoluene	<32		91	32	ug/Kg	☼	05/05/23 11:15	05/17/23 04:26	50
Benzene	<13		23	13	ug/Kg	☼	05/05/23 11:15	05/17/23 04:26	50
Bromobenzene	<32		91	32	ug/Kg	☼	05/05/23 11:15	05/17/23 04:26	50
Bromochloromethane	<39		91	39	ug/Kg	☼	05/05/23 11:15	05/17/23 04:26	50
Dichlorobromomethane	<34		91	34	ug/Kg	☼	05/05/23 11:15	05/17/23 04:26	50
Bromoform	<44		91	44	ug/Kg	☼	05/05/23 11:15	05/17/23 04:26	50
Bromomethane	<73		270	73	ug/Kg	☼	05/05/23 11:15	05/17/23 04:26	50
Carbon tetrachloride	<35		91	35	ug/Kg	☼	05/05/23 11:15	05/17/23 04:26	50
Chlorobenzene	<35		91	35	ug/Kg	☼	05/05/23 11:15	05/17/23 04:26	50
Chloroethane	<46		91	46	ug/Kg	☼	05/05/23 11:15	05/17/23 04:26	50
Chloroform	<34		180	34	ug/Kg	☼	05/05/23 11:15	05/17/23 04:26	50
Chloromethane	<29		91	29	ug/Kg	☼	05/05/23 11:15	05/17/23 04:26	50
cis-1,2-Dichloroethene	<37		91	37	ug/Kg	☼	05/05/23 11:15	05/17/23 04:26	50
cis-1,3-Dichloropropene	<38		91	38	ug/Kg	☼	05/05/23 11:15	05/17/23 04:26	50
Dibromochloromethane	<45		91	45	ug/Kg	☼	05/05/23 11:15	05/17/23 04:26	50
Dibromomethane	<25		91	25	ug/Kg	☼	05/05/23 11:15	05/17/23 04:26	50
Dichlorodifluoromethane	<61		270	61	ug/Kg	☼	05/05/23 11:15	05/17/23 04:26	50
Ethylbenzene	<17		23	17	ug/Kg	☼	05/05/23 11:15	05/17/23 04:26	50
Hexachlorobutadiene	<41		91	41	ug/Kg	☼	05/05/23 11:15	05/17/23 04:26	50
Isopropyl ether	<25		91	25	ug/Kg	☼	05/05/23 11:15	05/17/23 04:26	50
Isopropylbenzene	<35		91	35	ug/Kg	☼	05/05/23 11:15	05/17/23 04:26	50
Methyl tert-butyl ether	<36		91	36	ug/Kg	☼	05/05/23 11:15	05/17/23 04:26	50
Methylene Chloride	<150		460	150	ug/Kg	☼	05/05/23 11:15	05/17/23 04:26	50
Naphthalene	<30		91	30	ug/Kg	☼	05/05/23 11:15	05/17/23 04:26	50
n-Butylbenzene	<35		91	35	ug/Kg	☼	05/05/23 11:15	05/17/23 04:26	50
N-Propylbenzene	<38		91	38	ug/Kg	☼	05/05/23 11:15	05/17/23 04:26	50
p-Isopropyltoluene	<33		91	33	ug/Kg	☼	05/05/23 11:15	05/17/23 04:26	50

Client: Stantec Consulting Corp.
Project/Site: 333 Reed Avenue Soil Char - 193709261

Job ID: 500-233489-1

Client Sample ID: SB-21 (0.5-1.5)

Date Collected: 05/04/23 11:15
Date Received: 05/09/23 08:29

Lab Sample ID: 500-233489-16

Matrix: Solid
Percent Solids: 89.3

Method: SW846 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
sec-Butylbenzene	<36		91	36	ug/Kg	☼	05/05/23 11:15	05/17/23 04:26	50
Styrene	<35		91	35	ug/Kg	☼	05/05/23 11:15	05/17/23 04:26	50
tert-Butylbenzene	<36		91	36	ug/Kg	☼	05/05/23 11:15	05/17/23 04:26	50
Tetrachloroethene	<34	*+	91	34	ug/Kg	☼	05/05/23 11:15	05/17/23 04:26	50
Toluene	<13	*+	23	13	ug/Kg	☼	05/05/23 11:15	05/17/23 04:26	50
trans-1,2-Dichloroethene	<32		91	32	ug/Kg	☼	05/05/23 11:15	05/17/23 04:26	50
trans-1,3-Dichloropropene	<33		91	33	ug/Kg	☼	05/05/23 11:15	05/17/23 04:26	50
Trichloroethene	<15		46	15	ug/Kg	☼	05/05/23 11:15	05/17/23 04:26	50
Trichlorofluoromethane	<39		91	39	ug/Kg	☼	05/05/23 11:15	05/17/23 04:26	50
Vinyl chloride	<24		91	24	ug/Kg	☼	05/05/23 11:15	05/17/23 04:26	50
Xylenes, Total	<20		46	20	ug/Kg	☼	05/05/23 11:15	05/17/23 04:26	50

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*91*		*75 - 126*	*05/05/23 11:15*	*05/17/23 04:26*	*50*
4-Bromofluorobenzene (Surr)	*105*		*72 - 124*	*05/05/23 11:15*	*05/17/23 04:26*	*50*
Dibromofluoromethane (Surr)	*99*		*75 - 120*	*05/05/23 11:15*	*05/17/23 04:26*	*50*
Toluene-d8 (Surr)	*96*		*75 - 120*	*05/05/23 11:15*	*05/17/23 04:26*	*50*

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	<8.8		72	8.8	ug/Kg	☼	05/10/23 13:07	05/11/23 19:15	1
2-Methylnaphthalene	<6.6		72	6.6	ug/Kg	☼	05/10/23 13:07	05/11/23 19:15	1
Acenaphthene	<6.4		36	6.4	ug/Kg	☼	05/10/23 13:07	05/11/23 19:15	1
Acenaphthylene	<4.7		36	4.7	ug/Kg	☼	05/10/23 13:07	05/11/23 19:15	1
Anthracene	<6.0		36	6.0	ug/Kg	☼	05/10/23 13:07	05/11/23 19:15	1
Benzo[a]anthracene	<4.8		36	4.8	ug/Kg	☼	05/10/23 13:07	05/11/23 19:15	1
Benzo[a]pyrene	<6.9		36	6.9	ug/Kg	☼	05/10/23 13:07	05/11/23 19:15	1
Benzo[b]fluoranthene	<7.7		36	7.7	ug/Kg	☼	05/10/23 13:07	05/11/23 19:15	1
Benzo[g,h,i]perylene	<12		36	12	ug/Kg	☼	05/10/23 13:07	05/11/23 19:15	1
Benzo[k]fluoranthene	<11		36	11	ug/Kg	☼	05/10/23 13:07	05/11/23 19:15	1
Chrysene	<9.8		36	9.8	ug/Kg	☼	05/10/23 13:07	05/11/23 19:15	1
Dibenz(a,h)anthracene	<6.9		36	6.9	ug/Kg	☼	05/10/23 13:07	05/11/23 19:15	1
Fluoranthene	<6.7		36	6.7	ug/Kg	☼	05/10/23 13:07	05/11/23 19:15	1
Fluorene	<5.0		36	5.0	ug/Kg	☼	05/10/23 13:07	05/11/23 19:15	1
Indeno[1,2,3-cd]pyrene	<9.3		36	9.3	ug/Kg	☼	05/10/23 13:07	05/11/23 19:15	1
Naphthalene	<5.5		36	5.5	ug/Kg	☼	05/10/23 13:07	05/11/23 19:15	1
Phenanthrene	<5.0		36	5.0	ug/Kg	☼	05/10/23 13:07	05/11/23 19:15	1
Pyrene	<7.1		36	7.1	ug/Kg	☼	05/10/23 13:07	05/11/23 19:15	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Nitrobenzene-d5 (Surr)	*62*		*37 - 147*	*05/10/23 13:07*	*05/11/23 19:15*	*1*
2-Fluorobiphenyl (Surr)	*65*		*43 - 145*	*05/10/23 13:07*	*05/11/23 19:15*	*1*
Terphenyl-d14 (Surr)	*78*		*42 - 157*	*05/10/23 13:07*	*05/11/23 19:15*	*1*

Method: SW846 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	**0.39**	**J**	1.1	0.37	mg/Kg	☼	05/10/23 09:59	05/17/23 20:20	1
Barium	**5.0**		1.1	0.12	mg/Kg	☼	05/10/23 09:59	05/17/23 20:20	1
Cadmium	**0.050**	**J B**	0.22	0.039	mg/Kg	☼	05/10/23 09:59	05/17/23 20:20	1
Chromium	**3.3**		1.1	0.54	mg/Kg	☼	05/10/23 09:59	05/17/23 20:20	1

Client: Stantec Consulting Corp.
Project/Site: 333 Reed Avenue Soil Char - 193709261

Job ID: 500-233489-1

Client Sample ID: SB-21 (0.5-1.5)
Date Collected: 05/04/23 11:15
Date Received: 05/09/23 08:29

Lab Sample ID: 500-233489-16
Matrix: Solid
Percent Solids: 89.3

Method: SW846 6010C - Metals (ICP) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	**1.4**		0.54	0.25	mg/Kg	☼	05/10/23 09:59	05/17/23 20:20	1
Selenium	<0.64		1.1	0.64	mg/Kg	☼	05/10/23 09:59	05/17/23 20:20	1
Silver	**0.14**	**J**	0.54	0.14	mg/Kg	☼	05/10/23 09:59	05/17/23 20:20	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.0095		0.018	0.0095	mg/Kg	☼	05/12/23 14:55	05/15/23 08:25	1

Client: Stantec Consulting Corp.
Job ID: 500-233489-1
Project/Site: 333 Reed Avenue Soil Char - 193709261

Omitted

Omitted

Omitted

Client: Stantec Consulting Corp.
Project/Site: 333 Reed Avenue Soil Char - 193709261

Job ID: 500-233489-1

Client Sample ID: SB-26 (0-0.5)
Date Collected: 05/04/23 11:10
Date Received: 05/09/23 08:29

Lab Sample ID: 500-233489-18
Matrix: Solid
Percent Solids: 86.9

Method: SW846 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<40		87	40	ug/Kg	☼	05/05/23 11:10	05/17/23 05:14	50
1,1,1-Trichloroethane	<33		87	33	ug/Kg	☼	05/05/23 11:10	05/17/23 05:14	50
1,1,2,2-Tetrachloroethane	<35		87	35	ug/Kg	☼	05/05/23 11:10	05/17/23 05:14	50
1,1,2-Trichloroethane	<31		87	31	ug/Kg	☼	05/05/23 11:10	05/17/23 05:14	50
1,1-Dichloroethane	<36		87	36	ug/Kg	☼	05/05/23 11:10	05/17/23 05:14	50
1,1-Dichloroethene	<34		87	34	ug/Kg	☼	05/05/23 11:10	05/17/23 05:14	50
1,1-Dichloropropene	<26		87	26	ug/Kg	☼	05/05/23 11:10	05/17/23 05:14	50
1,2,3-Trichlorobenzene	<40		87	40	ug/Kg	☼	05/05/23 11:10	05/17/23 05:14	50
1,2,3-Trichloropropane	<36		170	36	ug/Kg	☼	05/05/23 11:10	05/17/23 05:14	50
1,2,4-Trichlorobenzene	<30		87	30	ug/Kg	☼	05/05/23 11:10	05/17/23 05:14	50
1,2,4-Trimethylbenzene	<31		87	31	ug/Kg	☼	05/05/23 11:10	05/17/23 05:14	50
1,2-Dibromo-3-Chloropropane	<170		440	170	ug/Kg	☼	05/05/23 11:10	05/17/23 05:14	50
1,2-Dibromoethane	<34		87	34	ug/Kg	☼	05/05/23 11:10	05/17/23 05:14	50
1,2-Dichlorobenzene	<29		87	29	ug/Kg	☼	05/05/23 11:10	05/17/23 05:14	50
1,2-Dichloroethane	<34		87	34	ug/Kg	☼	05/05/23 11:10	05/17/23 05:14	50
1,2-Dichloropropane	<37		87	37	ug/Kg	☼	05/05/23 11:10	05/17/23 05:14	50
1,3,5-Trimethylbenzene	<33		87	33	ug/Kg	☼	05/05/23 11:10	05/17/23 05:14	50
1,3-Dichlorobenzene	<35		87	35	ug/Kg	☼	05/05/23 11:10	05/17/23 05:14	50
1,3-Dichloropropane	<32		87	32	ug/Kg	☼	05/05/23 11:10	05/17/23 05:14	50
1,4-Dichlorobenzene	<32		87	32	ug/Kg	☼	05/05/23 11:10	05/17/23 05:14	50
2,2-Dichloropropane	<39		87	39	ug/Kg	☼	05/05/23 11:10	05/17/23 05:14	50
2-Chlorotoluene	<27		87	27	ug/Kg	☼	05/05/23 11:10	05/17/23 05:14	50
4-Chlorotoluene	<31		87	31	ug/Kg	☼	05/05/23 11:10	05/17/23 05:14	50
Benzene	<13		22	13	ug/Kg	☼	05/05/23 11:10	05/17/23 05:14	50
Bromobenzene	<31		87	31	ug/Kg	☼	05/05/23 11:10	05/17/23 05:14	50
Bromochloromethane	<37		87	37	ug/Kg	☼	05/05/23 11:10	05/17/23 05:14	50
Dichlorobromomethane	<33		87	33	ug/Kg	☼	05/05/23 11:10	05/17/23 05:14	50
Bromoform	<42		87	42	ug/Kg	☼	05/05/23 11:10	05/17/23 05:14	50
Bromomethane	<70		260	70	ug/Kg	☼	05/05/23 11:10	05/17/23 05:14	50
Carbon tetrachloride	<34		87	34	ug/Kg	☼	05/05/23 11:10	05/17/23 05:14	50
Chlorobenzene	<34		87	34	ug/Kg	☼	05/05/23 11:10	05/17/23 05:14	50
Chloroethane	<44		87	44	ug/Kg	☼	05/05/23 11:10	05/17/23 05:14	50
Chloroform	<32		170	32	ug/Kg	☼	05/05/23 11:10	05/17/23 05:14	50
Chloromethane	<28		87	28	ug/Kg	☼	05/05/23 11:10	05/17/23 05:14	50
cis-1,2-Dichloroethene	<36		87	36	ug/Kg	☼	05/05/23 11:10	05/17/23 05:14	50
cis-1,3-Dichloropropene	<36		87	36	ug/Kg	☼	05/05/23 11:10	05/17/23 05:14	50
Dibromochloromethane	<43		87	43	ug/Kg	☼	05/05/23 11:10	05/17/23 05:14	50
Dibromomethane	<24		87	24	ug/Kg	☼	05/05/23 11:10	05/17/23 05:14	50
Dichlorodifluoromethane	<59		260	59	ug/Kg	☼	05/05/23 11:10	05/17/23 05:14	50
Ethylbenzene	<16		22	16	ug/Kg	☼	05/05/23 11:10	05/17/23 05:14	50
Hexachlorobutadiene	<39		87	39	ug/Kg	☼	05/05/23 11:10	05/17/23 05:14	50
Isopropyl ether	<24		87	24	ug/Kg	☼	05/05/23 11:10	05/17/23 05:14	50
Isopropylbenzene	<34		87	34	ug/Kg	☼	05/05/23 11:10	05/17/23 05:14	50
Methyl tert-butyl ether	<34		87	34	ug/Kg	☼	05/05/23 11:10	05/17/23 05:14	50
Methylene Chloride	<140		440	140	ug/Kg	☼	05/05/23 11:10	05/17/23 05:14	50
Naphthalene	<29		87	29	ug/Kg	☼	05/05/23 11:10	05/17/23 05:14	50
n-Butylbenzene	<34		87	34	ug/Kg	☼	05/05/23 11:10	05/17/23 05:14	50
N-Propylbenzene	<36		87	36	ug/Kg	☼	05/05/23 11:10	05/17/23 05:14	50
p-Isopropyltoluene	<32		87	32	ug/Kg	☼	05/05/23 11:10	05/17/23 05:14	50

Client: Stantec Consulting Corp.
Project/Site: 333 Reed Avenue Soil Char - 193709261

Job ID: 500-233489-1

Client Sample ID: SB-26 (0-0.5)

Date Collected: 05/04/23 11:10
Date Received: 05/09/23 08:29

Lab Sample ID: 500-233489-18

Matrix: Solid
Percent Solids: 86.9

Method: SW846 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
sec-Butylbenzene	<35		87	35	ug/Kg	☼	05/05/23 11:10	05/17/23 05:14	50
Styrene	<34		87	34	ug/Kg	☼	05/05/23 11:10	05/17/23 05:14	50
tert-Butylbenzene	<35		87	35	ug/Kg	☼	05/05/23 11:10	05/17/23 05:14	50
Tetrachloroethene	<32	*+	87	32	ug/Kg	☼	05/05/23 11:10	05/17/23 05:14	50
Toluene	<13	*+	22	13	ug/Kg	☼	05/05/23 11:10	05/17/23 05:14	50
trans-1,2-Dichloroethene	<31		87	31	ug/Kg	☼	05/05/23 11:10	05/17/23 05:14	50
trans-1,3-Dichloropropene	<32		87	32	ug/Kg	☼	05/05/23 11:10	05/17/23 05:14	50
Trichloroethene	<14		44	14	ug/Kg	☼	05/05/23 11:10	05/17/23 05:14	50
Trichlorofluoromethane	<37		87	37	ug/Kg	☼	05/05/23 11:10	05/17/23 05:14	50
Vinyl chloride	<23		87	23	ug/Kg	☼	05/05/23 11:10	05/17/23 05:14	50
Xylenes, Total	<19		44	19	ug/Kg	☼	05/05/23 11:10	05/17/23 05:14	50

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*90*		*75 - 126*	*05/05/23 11:10*	*05/17/23 05:14*	*50*
4-Bromofluorobenzene (Surr)	*99*		*72 - 124*	*05/05/23 11:10*	*05/17/23 05:14*	*50*
Dibromofluoromethane (Surr)	*98*		*75 - 120*	*05/05/23 11:10*	*05/17/23 05:14*	*50*
Toluene-d8 (Surr)	*95*		*75 - 120*	*05/05/23 11:10*	*05/17/23 05:14*	*50*

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	<9.3		77	9.3	ug/Kg	☼	05/10/23 13:07	05/11/23 20:05	1
2-Methylnaphthalene	<7.0		77	7.0	ug/Kg	☼	05/10/23 13:07	05/11/23 20:05	1
Acenaphthene	<6.8		38	6.8	ug/Kg	☼	05/10/23 13:07	05/11/23 20:05	1
Acenaphthylene	<5.0		38	5.0	ug/Kg	☼	05/10/23 13:07	05/11/23 20:05	1
Anthracene	**6.8**	**J**	38	6.3	ug/Kg	☼	05/10/23 13:07	05/11/23 20:05	1
Benzo[a]anthracene	**49**		38	5.1	ug/Kg	☼	05/10/23 13:07	05/11/23 20:05	1
Benzo[a]pyrene	**85**		38	7.3	ug/Kg	☼	05/10/23 13:07	05/11/23 20:05	1
Benzo[b]fluoranthene	**97**		38	8.2	ug/Kg	☼	05/10/23 13:07	05/11/23 20:05	1
Benzo[g,h,i]perylene	**62**		38	12	ug/Kg	☼	05/10/23 13:07	05/11/23 20:05	1
Benzo[k]fluoranthene	**27**	**J**	38	11	ug/Kg	☼	05/10/23 13:07	05/11/23 20:05	1
Chrysene	**48**		38	10	ug/Kg	☼	05/10/23 13:07	05/11/23 20:05	1
Dibenz(a,h)anthracene	**45**		38	7.3	ug/Kg	☼	05/10/23 13:07	05/11/23 20:05	1
Fluoranthene	**82**		38	7.0	ug/Kg	☼	05/10/23 13:07	05/11/23 20:05	1
Fluorene	<5.3		38	5.3	ug/Kg	☼	05/10/23 13:07	05/11/23 20:05	1
Indeno[1,2,3-cd]pyrene	**85**		38	9.8	ug/Kg	☼	05/10/23 13:07	05/11/23 20:05	1
Naphthalene	<5.8		38	5.8	ug/Kg	☼	05/10/23 13:07	05/11/23 20:05	1
Phenanthrene	**35**	**J**	38	5.3	ug/Kg	☼	05/10/23 13:07	05/11/23 20:05	1
Pyrene	**72**		38	7.5	ug/Kg	☼	05/10/23 13:07	05/11/23 20:05	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Nitrobenzene-d5 (Surr)	*70*		*37 - 147*	*05/10/23 13:07*	*05/11/23 20:05*	*1*
2-Fluorobiphenyl (Surr)	*73*		*43 - 145*	*05/10/23 13:07*	*05/11/23 20:05*	*1*
Terphenyl-d14 (Surr)	*87*		*42 - 157*	*05/10/23 13:07*	*05/11/23 20:05*	*1*

Method: SW846 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	**2.3**		0.98	0.34	mg/Kg	☼	05/10/23 09:59	05/17/23 20:28	1
Barium	**38**		0.98	0.11	mg/Kg	☼	05/10/23 09:59	05/17/23 20:28	1
Cadmium	**0.16**	**J B**	0.20	0.035	mg/Kg	☼	05/10/23 09:59	05/17/23 20:28	1
Chromium	**11**		0.98	0.49	mg/Kg	☼	05/10/23 09:59	05/17/23 20:28	1

Client: Stantec Consulting Corp.
Project/Site: 333 Reed Avenue Soil Char - 193709261

Job ID: 500-233489-1

Client Sample ID: SB-26 (0-0.5)
Date Collected: 05/04/23 11:10
Date Received: 05/09/23 08:29

Lab Sample ID: 500-233489-18
Matrix: Solid
Percent Solids: 86.9

Method: SW846 6010C - Metals (ICP) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	**8.6**		0.49	0.23	mg/Kg	☼	05/10/23 09:59	05/17/23 20:28	1
Selenium	<0.58		0.98	0.58	mg/Kg	☼	05/10/23 09:59	05/17/23 20:28	1
Silver	**0.23**	**J**	0.49	0.13	mg/Kg	☼	05/10/23 09:59	05/17/23 20:28	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**0.036**		0.019	0.0098	mg/Kg	☼	05/12/23 14:55	05/15/23 08:29	1

Client: Stantec Consulting Corp.
Project/Site: 333 Reed Avenue Soil Char - 193709261

Job ID: 500-233489-1

Client Sample ID: SB-20 (1.5-2)
Date Collected: 05/04/23 14:20
Date Received: 05/09/23 08:29

Lab Sample ID: 500-233489-19
Matrix: Solid
Percent Solids: 82.1

Method: SW846 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<41		90	41	ug/Kg	☼	05/05/23 14:20	05/17/23 05:38	50
1,1,1-Trichloroethane	<34		90	34	ug/Kg	☼	05/05/23 14:20	05/17/23 05:38	50
1,1,2,2-Tetrachloroethane	<36		90	36	ug/Kg	☼	05/05/23 14:20	05/17/23 05:38	50
1,1,2-Trichloroethane	<32		90	32	ug/Kg	☼	05/05/23 14:20	05/17/23 05:38	50
1,1-Dichloroethane	<37		90	37	ug/Kg	☼	05/05/23 14:20	05/17/23 05:38	50
1,1-Dichloroethene	<35		90	35	ug/Kg	☼	05/05/23 14:20	05/17/23 05:38	50
1,1-Dichloropropene	<27		90	27	ug/Kg	☼	05/05/23 14:20	05/17/23 05:38	50
1,2,3-Trichlorobenzene	<41		90	41	ug/Kg	☼	05/05/23 14:20	05/17/23 05:38	50
1,2,3-Trichloropropane	<37		180	37	ug/Kg	☼	05/05/23 14:20	05/17/23 05:38	50
1,2,4-Trichlorobenzene	<31		90	31	ug/Kg	☼	05/05/23 14:20	05/17/23 05:38	50
1,2,4-Trimethylbenzene	<32		90	32	ug/Kg	☼	05/05/23 14:20	05/17/23 05:38	50
1,2-Dibromo-3-Chloropropane	<180		450	180	ug/Kg	☼	05/05/23 14:20	05/17/23 05:38	50
1,2-Dibromoethane	<35		90	35	ug/Kg	☼	05/05/23 14:20	05/17/23 05:38	50
1,2-Dichlorobenzene	<30		90	30	ug/Kg	☼	05/05/23 14:20	05/17/23 05:38	50
1,2-Dichloroethane	<35		90	35	ug/Kg	☼	05/05/23 14:20	05/17/23 05:38	50
1,2-Dichloropropane	<38		90	38	ug/Kg	☼	05/05/23 14:20	05/17/23 05:38	50
1,3,5-Trimethylbenzene	<34		90	34	ug/Kg	☼	05/05/23 14:20	05/17/23 05:38	50
1,3-Dichlorobenzene	<36		90	36	ug/Kg	☼	05/05/23 14:20	05/17/23 05:38	50
1,3-Dichloropropane	<32		90	32	ug/Kg	☼	05/05/23 14:20	05/17/23 05:38	50
1,4-Dichlorobenzene	<33		90	33	ug/Kg	☼	05/05/23 14:20	05/17/23 05:38	50
2,2-Dichloropropane	<40		90	40	ug/Kg	☼	05/05/23 14:20	05/17/23 05:38	50
2-Chlorotoluene	<28		90	28	ug/Kg	☼	05/05/23 14:20	05/17/23 05:38	50
4-Chlorotoluene	<31		90	31	ug/Kg	☼	05/05/23 14:20	05/17/23 05:38	50
Benzene	<13		22	13	ug/Kg	☼	05/05/23 14:20	05/17/23 05:38	50
Bromobenzene	<32		90	32	ug/Kg	☼	05/05/23 14:20	05/17/23 05:38	50
Bromochloromethane	<38		90	38	ug/Kg	☼	05/05/23 14:20	05/17/23 05:38	50
Dichlorobromomethane	<33		90	33	ug/Kg	☼	05/05/23 14:20	05/17/23 05:38	50
Bromoform	<43		90	43	ug/Kg	☼	05/05/23 14:20	05/17/23 05:38	50
Bromomethane	<71		270	71	ug/Kg	☼	05/05/23 14:20	05/17/23 05:38	50
Carbon tetrachloride	<34		90	34	ug/Kg	☼	05/05/23 14:20	05/17/23 05:38	50
Chlorobenzene	<35		90	35	ug/Kg	☼	05/05/23 14:20	05/17/23 05:38	50
Chloroethane	<45		90	45	ug/Kg	☼	05/05/23 14:20	05/17/23 05:38	50
Chloroform	<33		180	33	ug/Kg	☼	05/05/23 14:20	05/17/23 05:38	50
Chloromethane	<29		90	29	ug/Kg	☼	05/05/23 14:20	05/17/23 05:38	50
cis-1,2-Dichloroethene	<37		90	37	ug/Kg	☼	05/05/23 14:20	05/17/23 05:38	50
cis-1,3-Dichloropropene	<37		90	37	ug/Kg	☼	05/05/23 14:20	05/17/23 05:38	50
Dibromochloromethane	<44		90	44	ug/Kg	☼	05/05/23 14:20	05/17/23 05:38	50
Dibromomethane	<24		90	24	ug/Kg	☼	05/05/23 14:20	05/17/23 05:38	50
Dichlorodifluoromethane	<60		270	60	ug/Kg	☼	05/05/23 14:20	05/17/23 05:38	50
Ethylbenzene	<16		22	16	ug/Kg	☼	05/05/23 14:20	05/17/23 05:38	50
Hexachlorobutadiene	<40		90	40	ug/Kg	☼	05/05/23 14:20	05/17/23 05:38	50
Isopropyl ether	<25		90	25	ug/Kg	☼	05/05/23 14:20	05/17/23 05:38	50
Isopropylbenzene	<34		90	34	ug/Kg	☼	05/05/23 14:20	05/17/23 05:38	50
Methyl tert-butyl ether	<35		90	35	ug/Kg	☼	05/05/23 14:20	05/17/23 05:38	50
Methylene Chloride	<150		450	150	ug/Kg	☼	05/05/23 14:20	05/17/23 05:38	50
Naphthalene	<30		90	30	ug/Kg	☼	05/05/23 14:20	05/17/23 05:38	50
n-Butylbenzene	<35		90	35	ug/Kg	☼	05/05/23 14:20	05/17/23 05:38	50
N-Propylbenzene	<37		90	37	ug/Kg	☼	05/05/23 14:20	05/17/23 05:38	50
p-Isopropyltoluene	<32		90	32	ug/Kg	☼	05/05/23 14:20	05/17/23 05:38	50

Client Sample ID: SB-20 (1.5-2)
Date Collected: 05/04/23 14:20
Date Received: 05/09/23 08:29

Lab Sample ID: 500-233489-19
Matrix: Solid
Percent Solids: 82.1

Method: SW846 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
sec-Butylbenzene	<36		90	36	ug/Kg	☼	05/05/23 14:20	05/17/23 05:38	50
Styrene	<35		90	35	ug/Kg	☼	05/05/23 14:20	05/17/23 05:38	50
tert-Butylbenzene	<36		90	36	ug/Kg	☼	05/05/23 14:20	05/17/23 05:38	50
Tetrachloroethene	<33	*+	90	33	ug/Kg	☼	05/05/23 14:20	05/17/23 05:38	50
Toluene	<13	*+	22	13	ug/Kg	☼	05/05/23 14:20	05/17/23 05:38	50
trans-1,2-Dichloroethene	<31		90	31	ug/Kg	☼	05/05/23 14:20	05/17/23 05:38	50
trans-1,3-Dichloropropene	<32		90	32	ug/Kg	☼	05/05/23 14:20	05/17/23 05:38	50
Trichloroethene	<15		45	15	ug/Kg	☼	05/05/23 14:20	05/17/23 05:38	50
Trichlorofluoromethane	<38		90	38	ug/Kg	☼	05/05/23 14:20	05/17/23 05:38	50
Vinyl chloride	<23		90	23	ug/Kg	☼	05/05/23 14:20	05/17/23 05:38	50
Xylenes, Total	<20		45	20	ug/Kg	☼	05/05/23 14:20	05/17/23 05:38	50

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*90*		*75 - 126*	*05/05/23 14:20*	*05/17/23 05:38*	*50*
4-Bromofluorobenzene (Surr)	*100*		*72 - 124*	*05/05/23 14:20*	*05/17/23 05:38*	*50*
Dibromofluoromethane (Surr)	*97*		*75 - 120*	*05/05/23 14:20*	*05/17/23 05:38*	*50*
Toluene-d8 (Surr)	*95*		*75 - 120*	*05/05/23 14:20*	*05/17/23 05:38*	*50*

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	<9.4		78	9.4	ug/Kg	☼	05/10/23 13:07	05/11/23 20:29	1
2-Methylnaphthalene	<7.1		78	7.1	ug/Kg	☼	05/10/23 13:07	05/11/23 20:29	1
Acenaphthene	<6.9		38	6.9	ug/Kg	☼	05/10/23 13:07	05/11/23 20:29	1
Acenaphthylene	<5.1		38	5.1	ug/Kg	☼	05/10/23 13:07	05/11/23 20:29	1
Anthracene	<6.4		38	6.4	ug/Kg	☼	05/10/23 13:07	05/11/23 20:29	1
Benzo[a]anthracene	<5.2		38	5.2	ug/Kg	☼	05/10/23 13:07	05/11/23 20:29	1
Benzo[a]pyrene	<7.5		38	7.5	ug/Kg	☼	05/10/23 13:07	05/11/23 20:29	1
Benzo[b]fluoranthene	<8.3		38	8.3	ug/Kg	☼	05/10/23 13:07	05/11/23 20:29	1
Benzo[g,h,i]perylene	<12		38	12	ug/Kg	☼	05/10/23 13:07	05/11/23 20:29	1
Benzo[k]fluoranthene	<11		38	11	ug/Kg	☼	05/10/23 13:07	05/11/23 20:29	1
Chrysene	<11		38	11	ug/Kg	☼	05/10/23 13:07	05/11/23 20:29	1
Dibenz(a,h)anthracene	<7.4		38	7.4	ug/Kg	☼	05/10/23 13:07	05/11/23 20:29	1
Fluoranthene	<7.1		38	7.1	ug/Kg	☼	05/10/23 13:07	05/11/23 20:29	1
Fluorene	<5.4		38	5.4	ug/Kg	☼	05/10/23 13:07	05/11/23 20:29	1
Indeno[1,2,3-cd]pyrene	<10		38	10	ug/Kg	☼	05/10/23 13:07	05/11/23 20:29	1
Naphthalene	<5.9		38	5.9	ug/Kg	☼	05/10/23 13:07	05/11/23 20:29	1
Phenanthrene	<5.4		38	5.4	ug/Kg	☼	05/10/23 13:07	05/11/23 20:29	1
Pyrene	**8.0**	**J**	38	7.7	ug/Kg	☼	05/10/23 13:07	05/11/23 20:29	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Nitrobenzene-d5 (Surr)	*65*		*37 - 147*	*05/10/23 13:07*	*05/11/23 20:29*	*1*
2-Fluorobiphenyl (Surr)	*69*		*43 - 145*	*05/10/23 13:07*	*05/11/23 20:29*	*1*
Terphenyl-d14 (Surr)	*83*		*42 - 157*	*05/10/23 13:07*	*05/11/23 20:29*	*1*

Method: SW846 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	**3.3**		1.1	0.39	mg/Kg	☼	05/10/23 09:59	05/17/23 20:31	1
Barium	**74**		1.1	0.13	mg/Kg	☼	05/10/23 09:59	05/17/23 20:31	1
Cadmium	**0.14**	**J B**	0.23	0.041	mg/Kg	☼	05/10/23 09:59	05/17/23 20:31	1
Chromium	**21**		1.1	0.56	mg/Kg	☼	05/10/23 09:59	05/17/23 20:31	1

Client: Stantec Consulting Corp.
Project/Site: 333 Reed Avenue Soil Char - 193709261

Job ID: 500-233489-1

Client Sample ID: SB-20 (1.5-2)
Date Collected: 05/04/23 14:20
Date Received: 05/09/23 08:29

Lab Sample ID: 500-233489-19
Matrix: Solid
Percent Solids: 82.1

Method: SW846 6010C - Metals (ICP) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	**9.0**		0.57	0.26	mg/Kg	☼	05/10/23 09:59	05/17/23 20:31	1
Selenium	<0.67		1.1	0.67	mg/Kg	☼	05/10/23 09:59	05/17/23 20:31	1
Silver	**0.40**	**J**	0.57	0.15	mg/Kg	☼	05/10/23 09:59	05/17/23 20:31	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**0.013**	**J**	0.018	0.0096	mg/Kg	☼	05/12/23 14:55	05/15/23 08:31	1

Client: Stantec Consulting Corp.
Project/Site: 333 Reed Avenue Soil Char - 193709261

Job ID: 500-233489-1

Client Sample ID: SB-28 (2-3)
Date Collected: 05/04/23 15:00
Date Received: 05/09/23 08:29

Lab Sample ID: 500-233489-20
Matrix: Solid
Percent Solids: 87.3

Method: SW846 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<46		99	46	ug/Kg	☼	05/05/23 15:00	05/17/23 06:02	50
1,1,1-Trichloroethane	<38		99	38	ug/Kg	☼	05/05/23 15:00	05/17/23 06:02	50
1,1,2,2-Tetrachloroethane	<39		99	39	ug/Kg	☼	05/05/23 15:00	05/17/23 06:02	50
1,1,2-Trichloroethane	<35		99	35	ug/Kg	☼	05/05/23 15:00	05/17/23 06:02	50
1,1-Dichloroethane	<41		99	41	ug/Kg	☼	05/05/23 15:00	05/17/23 06:02	50
1,1-Dichloroethene	<39		99	39	ug/Kg	☼	05/05/23 15:00	05/17/23 06:02	50
1,1-Dichloropropene	<30		99	30	ug/Kg	☼	05/05/23 15:00	05/17/23 06:02	50
1,2,3-Trichlorobenzene	<45		99	45	ug/Kg	☼	05/05/23 15:00	05/17/23 06:02	50
1,2,3-Trichloropropane	<41		200	41	ug/Kg	☼	05/05/23 15:00	05/17/23 06:02	50
1,2,4-Trichlorobenzene	<34		99	34	ug/Kg	☼	05/05/23 15:00	05/17/23 06:02	50
1,2,4-Trimethylbenzene	<35		99	35	ug/Kg	☼	05/05/23 15:00	05/17/23 06:02	50
1,2-Dibromo-3-Chloropropane	<200		500	200	ug/Kg	☼	05/05/23 15:00	05/17/23 06:02	50
1,2-Dibromoethane	<38		99	38	ug/Kg	☼	05/05/23 15:00	05/17/23 06:02	50
1,2-Dichlorobenzene	<33		99	33	ug/Kg	☼	05/05/23 15:00	05/17/23 06:02	50
1,2-Dichloroethane	<39		99	39	ug/Kg	☼	05/05/23 15:00	05/17/23 06:02	50
1,2-Dichloropropane	<42		99	42	ug/Kg	☼	05/05/23 15:00	05/17/23 06:02	50
1,3,5-Trimethylbenzene	<38		99	38	ug/Kg	☼	05/05/23 15:00	05/17/23 06:02	50
1,3-Dichlorobenzene	<40		99	40	ug/Kg	☼	05/05/23 15:00	05/17/23 06:02	50
1,3-Dichloropropane	<36		99	36	ug/Kg	☼	05/05/23 15:00	05/17/23 06:02	50
1,4-Dichlorobenzene	<36		99	36	ug/Kg	☼	05/05/23 15:00	05/17/23 06:02	50
2,2-Dichloropropane	<44		99	44	ug/Kg	☼	05/05/23 15:00	05/17/23 06:02	50
2-Chlorotoluene	<31		99	31	ug/Kg	☼	05/05/23 15:00	05/17/23 06:02	50
4-Chlorotoluene	<35		99	35	ug/Kg	☼	05/05/23 15:00	05/17/23 06:02	50
Benzene	<14		25	14	ug/Kg	☼	05/05/23 15:00	05/17/23 06:02	50
Bromobenzene	<35		99	35	ug/Kg	☼	05/05/23 15:00	05/17/23 06:02	50
Bromochloromethane	<42		99	42	ug/Kg	☼	05/05/23 15:00	05/17/23 06:02	50
Dichlorobromomethane	<37		99	37	ug/Kg	☼	05/05/23 15:00	05/17/23 06:02	50
Bromoform	<48		99	48	ug/Kg	☼	05/05/23 15:00	05/17/23 06:02	50
Bromomethane	<79		300	79	ug/Kg	☼	05/05/23 15:00	05/17/23 06:02	50
Carbon tetrachloride	<38		99	38	ug/Kg	☼	05/05/23 15:00	05/17/23 06:02	50
Chlorobenzene	<38		99	38	ug/Kg	☼	05/05/23 15:00	05/17/23 06:02	50
Chloroethane	<50		99	50	ug/Kg	☼	05/05/23 15:00	05/17/23 06:02	50
Chloroform	<37		200	37	ug/Kg	☼	05/05/23 15:00	05/17/23 06:02	50
Chloromethane	<32		99	32	ug/Kg	☼	05/05/23 15:00	05/17/23 06:02	50
cis-1,2-Dichloroethene	<40		99	40	ug/Kg	☼	05/05/23 15:00	05/17/23 06:02	50
cis-1,3-Dichloropropene	<41		99	41	ug/Kg	☼	05/05/23 15:00	05/17/23 06:02	50
Dibromochloromethane	<48		99	48	ug/Kg	☼	05/05/23 15:00	05/17/23 06:02	50
Dibromomethane	<27		99	27	ug/Kg	☼	05/05/23 15:00	05/17/23 06:02	50
Dichlorodifluoromethane	<67		300	67	ug/Kg	☼	05/05/23 15:00	05/17/23 06:02	50
Ethylbenzene	<18		25	18	ug/Kg	☼	05/05/23 15:00	05/17/23 06:02	50
Hexachlorobutadiene	<44		99	44	ug/Kg	☼	05/05/23 15:00	05/17/23 06:02	50
Isopropyl ether	<27		99	27	ug/Kg	☼	05/05/23 15:00	05/17/23 06:02	50
Isopropylbenzene	<38		99	38	ug/Kg	☼	05/05/23 15:00	05/17/23 06:02	50
Methyl tert-butyl ether	<39		99	39	ug/Kg	☼	05/05/23 15:00	05/17/23 06:02	50
Methylene Chloride	<160		500	160	ug/Kg	☼	05/05/23 15:00	05/17/23 06:02	50
Naphthalene	<33		99	33	ug/Kg	☼	05/05/23 15:00	05/17/23 06:02	50
n-Butylbenzene	<38		99	38	ug/Kg	☼	05/05/23 15:00	05/17/23 06:02	50
N-Propylbenzene	<41		99	41	ug/Kg	☼	05/05/23 15:00	05/17/23 06:02	50
p-Isopropyltoluene	<36		99	36	ug/Kg	☼	05/05/23 15:00	05/17/23 06:02	50

Client Sample ID: SB-28 (2-3)
Date Collected: 05/04/23 15:00
Date Received: 05/09/23 08:29

Lab Sample ID: 500-233489-20
Matrix: Solid
Percent Solids: 87.3

Method: SW846 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
sec-Butylbenzene	<39		99	39	ug/Kg	☼	05/05/23 15:00	05/17/23 06:02	50
Styrene	<38		99	38	ug/Kg	☼	05/05/23 15:00	05/17/23 06:02	50
tert-Butylbenzene	<39		99	39	ug/Kg	☼	05/05/23 15:00	05/17/23 06:02	50
Tetrachloroethene	<37	*+	99	37	ug/Kg	☼	05/05/23 15:00	05/17/23 06:02	50
Toluene	<15	*+	25	15	ug/Kg	☼	05/05/23 15:00	05/17/23 06:02	50
trans-1,2-Dichloroethene	<35		99	35	ug/Kg	☼	05/05/23 15:00	05/17/23 06:02	50
trans-1,3-Dichloropropene	<36		99	36	ug/Kg	☼	05/05/23 15:00	05/17/23 06:02	50
Trichloroethene	<16		50	16	ug/Kg	☼	05/05/23 15:00	05/17/23 06:02	50
Trichlorofluoromethane	<42		99	42	ug/Kg	☼	05/05/23 15:00	05/17/23 06:02	50
Vinyl chloride	<26		99	26	ug/Kg	☼	05/05/23 15:00	05/17/23 06:02	50
Xylenes, Total	<22		50	22	ug/Kg	☼	05/05/23 15:00	05/17/23 06:02	50

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*91*		*75 - 126*	*05/05/23 15:00*	*05/17/23 06:02*	*50*
4-Bromofluorobenzene (Surr)	*102*		*72 - 124*	*05/05/23 15:00*	*05/17/23 06:02*	*50*
Dibromofluoromethane (Surr)	*99*		*75 - 120*	*05/05/23 15:00*	*05/17/23 06:02*	*50*
Toluene-d8 (Surr)	*95*		*75 - 120*	*05/05/23 15:00*	*05/17/23 06:02*	*50*

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	<8.8		73	8.8	ug/Kg	☼	05/10/23 13:07	05/11/23 20:54	1
2-Methylnaphthalene	<6.6		73	6.6	ug/Kg	☼	05/10/23 13:07	05/11/23 20:54	1
Acenaphthene	<6.5		36	6.5	ug/Kg	☼	05/10/23 13:07	05/11/23 20:54	1
Acenaphthylene	<4.8		36	4.8	ug/Kg	☼	05/10/23 13:07	05/11/23 20:54	1
Anthracene	<6.0		36	6.0	ug/Kg	☼	05/10/23 13:07	05/11/23 20:54	1
Benzo[a]anthracene	<4.9		36	4.9	ug/Kg	☼	05/10/23 13:07	05/11/23 20:54	1
Benzo[a]pyrene	<7.0		36	7.0	ug/Kg	☼	05/10/23 13:07	05/11/23 20:54	1
Benzo[b]fluoranthene	<7.8		36	7.8	ug/Kg	☼	05/10/23 13:07	05/11/23 20:54	1
Benzo[g,h,i]perylene	<12		36	12	ug/Kg	☼	05/10/23 13:07	05/11/23 20:54	1
Benzo[k]fluoranthene	<11		36	11	ug/Kg	☼	05/10/23 13:07	05/11/23 20:54	1
Chrysene	<9.8		36	9.8	ug/Kg	☼	05/10/23 13:07	05/11/23 20:54	1
Dibenz(a,h)anthracene	<7.0		36	7.0	ug/Kg	☼	05/10/23 13:07	05/11/23 20:54	1
Fluoranthene	<6.7		36	6.7	ug/Kg	☼	05/10/23 13:07	05/11/23 20:54	1
Fluorene	<5.1		36	5.1	ug/Kg	☼	05/10/23 13:07	05/11/23 20:54	1
Indeno[1,2,3-cd]pyrene	<9.4		36	9.4	ug/Kg	☼	05/10/23 13:07	05/11/23 20:54	1
Naphthalene	<5.6		36	5.6	ug/Kg	☼	05/10/23 13:07	05/11/23 20:54	1
Phenanthrene	<5.0		36	5.0	ug/Kg	☼	05/10/23 13:07	05/11/23 20:54	1
Pyrene	<7.2		36	7.2	ug/Kg	☼	05/10/23 13:07	05/11/23 20:54	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Nitrobenzene-d5 (Surr)	*65*		*37 - 147*	*05/10/23 13:07*	*05/11/23 20:54*	*1*
2-Fluorobiphenyl (Surr)	*67*		*43 - 145*	*05/10/23 13:07*	*05/11/23 20:54*	*1*
Terphenyl-d14 (Surr)	*80*		*42 - 157*	*05/10/23 13:07*	*05/11/23 20:54*	*1*

Method: SW846 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	**3.0**		0.98	0.33	mg/Kg	☼	05/10/23 09:59	05/17/23 20:35	1
Barium	**45**		0.98	0.11	mg/Kg	☼	05/10/23 09:59	05/17/23 20:35	1
Cadmium	**0.085**	**J B**	0.20	0.035	mg/Kg	☼	05/10/23 09:59	05/17/23 20:35	1
Chromium	**19**		0.98	0.48	mg/Kg	☼	05/10/23 09:59	05/17/23 20:35	1

Client: Stantec Consulting Corp.
Project/Site: 333 Reed Avenue Soil Char - 193709261

Job ID: 500-233489-1

Client Sample ID: SB-28 (2-3)
Date Collected: 05/04/23 15:00
Date Received: 05/09/23 08:29

Lab Sample ID: 500-233489-20
Matrix: Solid
Percent Solids: 87.3

Method: SW846 6010C - Metals (ICP) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	**7.3**		0.49	0.23	mg/Kg	☼	05/10/23 09:59	05/17/23 20:35	1
Selenium	<0.57		0.98	0.57	mg/Kg	☼	05/10/23 09:59	05/17/23 20:35	1
Silver	**0.46**	**J**	0.49	0.13	mg/Kg	☼	05/10/23 09:59	05/17/23 20:35	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**0.019**		0.018	0.0093	mg/Kg	☼	05/12/23 14:55	05/15/23 08:33	1

Client: Stantec Consulting Corp.
Project/Site: 333 Reed Avenue Soil Char - 193709261

Job ID: 500-233489-1

Client Sample ID: SB-24 (0.5-1.5)
Date Collected: 05/05/23 11:30
Date Received: 05/09/23 08:29

Lab Sample ID: 500-233489-21
Matrix: Solid
Percent Solids: 81.3

Method: SW846 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<46		99	46	ug/Kg	☼	05/05/23 11:30	05/17/23 01:29	50
1,1,1-Trichloroethane	<38		99	38	ug/Kg	☼	05/05/23 11:30	05/17/23 01:29	50
1,1,2,2-Tetrachloroethane	<39		99	39	ug/Kg	☼	05/05/23 11:30	05/17/23 01:29	50
1,1,2-Trichloroethane	<35		99	35	ug/Kg	☼	05/05/23 11:30	05/17/23 01:29	50
1,1-Dichloroethane	<41		99	41	ug/Kg	☼	05/05/23 11:30	05/17/23 01:29	50
1,1-Dichloroethene	<39		99	39	ug/Kg	☼	05/05/23 11:30	05/17/23 01:29	50
1,1-Dichloropropene	<29		99	29	ug/Kg	☼	05/05/23 11:30	05/17/23 01:29	50
1,2,3-Trichlorobenzene	<45		99	45	ug/Kg	☼	05/05/23 11:30	05/17/23 01:29	50
1,2,3-Trichloropropane	<41		200	41	ug/Kg	☼	05/05/23 11:30	05/17/23 01:29	50
1,2,4-Trichlorobenzene	<34		99	34	ug/Kg	☼	05/05/23 11:30	05/17/23 01:29	50
1,2,4-Trimethylbenzene	<35		99	35	ug/Kg	☼	05/05/23 11:30	05/17/23 01:29	50
1,2-Dibromo-3-Chloropropane	<200		490	200	ug/Kg	☼	05/05/23 11:30	05/17/23 01:29	50
1,2-Dibromoethane	<38		99	38	ug/Kg	☼	05/05/23 11:30	05/17/23 01:29	50
1,2-Dichlorobenzene	<33		99	33	ug/Kg	☼	05/05/23 11:30	05/17/23 01:29	50
1,2-Dichloroethane	<39		99	39	ug/Kg	☼	05/05/23 11:30	05/17/23 01:29	50
1,2-Dichloropropane	<42		99	42	ug/Kg	☼	05/05/23 11:30	05/17/23 01:29	50
1,3,5-Trimethylbenzene	<38		99	38	ug/Kg	☼	05/05/23 11:30	05/17/23 01:29	50
1,3-Dichlorobenzene	<40		99	40	ug/Kg	☼	05/05/23 11:30	05/17/23 01:29	50
1,3-Dichloropropane	<36		99	36	ug/Kg	☼	05/05/23 11:30	05/17/23 01:29	50
1,4-Dichlorobenzene	<36		99	36	ug/Kg	☼	05/05/23 11:30	05/17/23 01:29	50
2,2-Dichloropropane	<44		99	44	ug/Kg	☼	05/05/23 11:30	05/17/23 01:29	50
2-Chlorotoluene	<31		99	31	ug/Kg	☼	05/05/23 11:30	05/17/23 01:29	50
4-Chlorotoluene	<35		99	35	ug/Kg	☼	05/05/23 11:30	05/17/23 01:29	50
Benzene	<14		25	14	ug/Kg	☼	05/05/23 11:30	05/17/23 01:29	50
Bromobenzene	<35		99	35	ug/Kg	☼	05/05/23 11:30	05/17/23 01:29	50
Bromochloromethane	<42		99	42	ug/Kg	☼	05/05/23 11:30	05/17/23 01:29	50
Dichlorobromomethane	<37		99	37	ug/Kg	☼	05/05/23 11:30	05/17/23 01:29	50
Bromoform	<48		99	48	ug/Kg	☼	05/05/23 11:30	05/17/23 01:29	50
Bromomethane	<79		300	79	ug/Kg	☼	05/05/23 11:30	05/17/23 01:29	50
Carbon tetrachloride	<38		99	38	ug/Kg	☼	05/05/23 11:30	05/17/23 01:29	50
Chlorobenzene	<38		99	38	ug/Kg	☼	05/05/23 11:30	05/17/23 01:29	50
Chloroethane	<50		99	50	ug/Kg	☼	05/05/23 11:30	05/17/23 01:29	50
Chloroform	<37		200	37	ug/Kg	☼	05/05/23 11:30	05/17/23 01:29	50
Chloromethane	<32		99	32	ug/Kg	☼	05/05/23 11:30	05/17/23 01:29	50
cis-1,2-Dichloroethene	<40		99	40	ug/Kg	☼	05/05/23 11:30	05/17/23 01:29	50
cis-1,3-Dichloropropene	<41		99	41	ug/Kg	☼	05/05/23 11:30	05/17/23 01:29	50
Dibromochloromethane	<48		99	48	ug/Kg	☼	05/05/23 11:30	05/17/23 01:29	50
Dibromomethane	<27		99	27	ug/Kg	☼	05/05/23 11:30	05/17/23 01:29	50
Dichlorodifluoromethane	<67		300	67	ug/Kg	☼	05/05/23 11:30	05/17/23 01:29	50
Ethylbenzene	<18		25	18	ug/Kg	☼	05/05/23 11:30	05/17/23 01:29	50
Hexachlorobutadiene	<44		99	44	ug/Kg	☼	05/05/23 11:30	05/17/23 01:29	50
Isopropyl ether	<27		99	27	ug/Kg	☼	05/05/23 11:30	05/17/23 01:29	50
Isopropylbenzene	<38		99	38	ug/Kg	☼	05/05/23 11:30	05/17/23 01:29	50
Methyl tert-butyl ether	<39		99	39	ug/Kg	☼	05/05/23 11:30	05/17/23 01:29	50
Methylene Chloride	<160		490	160	ug/Kg	☼	05/05/23 11:30	05/17/23 01:29	50
Naphthalene	<33		99	33	ug/Kg	☼	05/05/23 11:30	05/17/23 01:29	50
n-Butylbenzene	<38		99	38	ug/Kg	☼	05/05/23 11:30	05/17/23 01:29	50
N-Propylbenzene	<41		99	41	ug/Kg	☼	05/05/23 11:30	05/17/23 01:29	50
p-Isopropyltoluene	<36		99	36	ug/Kg	☼	05/05/23 11:30	05/17/23 01:29	50

Client: Stantec Consulting Corp.
Project/Site: 333 Reed Avenue Soil Char - 193709261

Job ID: 500-233489-1

Client Sample ID: SB-24 (0.5-1.5)

Date Collected: 05/05/23 11:30
Date Received: 05/09/23 08:29

Lab Sample ID: 500-233489-21

Matrix: Solid
Percent Solids: 81.3

Method: SW846 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
sec-Butylbenzene	<39		99	39	ug/Kg	☼	05/05/23 11:30	05/17/23 01:29	50
Styrene	<38		99	38	ug/Kg	☼	05/05/23 11:30	05/17/23 01:29	50
tert-Butylbenzene	<39		99	39	ug/Kg	☼	05/05/23 11:30	05/17/23 01:29	50
Tetrachloroethene	<37		99	37	ug/Kg	☼	05/05/23 11:30	05/17/23 01:29	50
Toluene	<15		25	15	ug/Kg	☼	05/05/23 11:30	05/17/23 01:29	50
trans-1,2-Dichloroethene	<35		99	35	ug/Kg	☼	05/05/23 11:30	05/17/23 01:29	50
trans-1,3-Dichloropropene	<36		99	36	ug/Kg	☼	05/05/23 11:30	05/17/23 01:29	50
Trichloroethene	<16		49	16	ug/Kg	☼	05/05/23 11:30	05/17/23 01:29	50
Trichlorofluoromethane	<42		99	42	ug/Kg	☼	05/05/23 11:30	05/17/23 01:29	50
Vinyl chloride	<26		99	26	ug/Kg	☼	05/05/23 11:30	05/17/23 01:29	50
Xylenes, Total	<22		49	22	ug/Kg	☼	05/05/23 11:30	05/17/23 01:29	50

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*101*		*75 - 126*	*05/05/23 11:30*	*05/17/23 01:29*	*50*
4-Bromofluorobenzene (Surr)	*113*		*72 - 124*	*05/05/23 11:30*	*05/17/23 01:29*	*50*
Dibromofluoromethane (Surr)	*94*		*75 - 120*	*05/05/23 11:30*	*05/17/23 01:29*	*50*
Toluene-d8 (Surr)	*111*		*75 - 120*	*05/05/23 11:30*	*05/17/23 01:29*	*50*

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	<9.7		80	9.7	ug/Kg	☼	05/10/23 13:07	05/11/23 21:19	1
2-Methylnaphthalene	<7.3		80	7.3	ug/Kg	☼	05/10/23 13:07	05/11/23 21:19	1
Acenaphthene	<7.1		39	7.1	ug/Kg	☼	05/10/23 13:07	05/11/23 21:19	1
Acenaphthylene	<5.2		39	5.2	ug/Kg	☼	05/10/23 13:07	05/11/23 21:19	1
Anthracene	<6.6		39	6.6	ug/Kg	☼	05/10/23 13:07	05/11/23 21:19	1
Benzo[a]anthracene	<5.3		39	5.3	ug/Kg	☼	05/10/23 13:07	05/11/23 21:19	1
Benzo[a]pyrene	<7.7		39	7.7	ug/Kg	☼	05/10/23 13:07	05/11/23 21:19	1
Benzo[b]fluoranthene	<8.6		39	8.6	ug/Kg	☼	05/10/23 13:07	05/11/23 21:19	1
Benzo[g,h,i]perylene	<13		39	13	ug/Kg	☼	05/10/23 13:07	05/11/23 21:19	1
Benzo[k]fluoranthene	<12		39	12	ug/Kg	☼	05/10/23 13:07	05/11/23 21:19	1
Chrysene	<11		39	11	ug/Kg	☼	05/10/23 13:07	05/11/23 21:19	1
Dibenz(a,h)anthracene	<7.7		39	7.7	ug/Kg	☼	05/10/23 13:07	05/11/23 21:19	1
Fluoranthene	<7.4		39	7.4	ug/Kg	☼	05/10/23 13:07	05/11/23 21:19	1
Fluorene	<5.6		39	5.6	ug/Kg	☼	05/10/23 13:07	05/11/23 21:19	1
Indeno[1,2,3-cd]pyrene	<10		39	10	ug/Kg	☼	05/10/23 13:07	05/11/23 21:19	1
Naphthalene	<6.1		39	6.1	ug/Kg	☼	05/10/23 13:07	05/11/23 21:19	1
Phenanthrene	**14**	**J**	39	5.5	ug/Kg	☼	05/10/23 13:07	05/11/23 21:19	1
Pyrene	<7.9		39	7.9	ug/Kg	☼	05/10/23 13:07	05/11/23 21:19	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Nitrobenzene-d5 (Surr)	*51*		*37 - 147*	*05/10/23 13:07*	*05/11/23 21:19*	*1*
2-Fluorobiphenyl (Surr)	*55*		*43 - 145*	*05/10/23 13:07*	*05/11/23 21:19*	*1*
Terphenyl-d14 (Surr)	*72*		*42 - 157*	*05/10/23 13:07*	*05/11/23 21:19*	*1*

Method: SW846 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	**4.1**		1.0	0.35	mg/Kg	☼	05/10/23 09:59	05/17/23 20:38	1
Barium	**73**		1.0	0.12	mg/Kg	☼	05/10/23 09:59	05/17/23 20:38	1
Cadmium	**0.15**	**J B**	0.21	0.037	mg/Kg	☼	05/10/23 09:59	05/17/23 20:38	1
Chromium	**27**		1.0	0.51	mg/Kg	☼	05/10/23 09:59	05/17/23 20:38	1

Client: Stantec Consulting Corp.
Project/Site: 333 Reed Avenue Soil Char - 193709261

Job ID: 500-233489-1

Client Sample ID: SB-24 (0.5-1.5)
Date Collected: 05/05/23 11:30
Date Received: 05/09/23 08:29

Lab Sample ID: 500-233489-21
Matrix: Solid
Percent Solids: 81.3

Method: SW846 6010C - Metals (ICP) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	**12**		0.51	0.24	mg/Kg	☼	05/10/23 09:59	05/17/23 20:38	1
Selenium	<0.61		1.0	0.61	mg/Kg	☼	05/10/23 09:59	05/17/23 20:38	1
Silver	**0.44**	**J**	0.51	0.13	mg/Kg	☼	05/10/23 09:59	05/17/23 20:38	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**0.021**		0.019	0.010	mg/Kg	☼	05/12/23 14:55	05/15/23 08:35	1

Client: Stantec Consulting Corp.
Project/Site: 333 Reed Avenue Soil Char - 193709261

Job ID: 500-233489-1

Client Sample ID: SB-30 (5-6.5)
Date Collected: 05/05/23 11:00
Date Received: 05/09/23 08:29

Lab Sample ID: 500-233489-22
Matrix: Solid
Percent Solids: 83.9

Method: SW846 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<49		110	49	ug/Kg	☼	05/05/23 11:00	05/17/23 01:52	50
1,1,1-Trichloroethane	<40		110	40	ug/Kg	☼	05/05/23 11:00	05/17/23 01:52	50
1,1,2,2-Tetrachloroethane	<42		110	42	ug/Kg	☼	05/05/23 11:00	05/17/23 01:52	50
1,1,2-Trichloroethane	<37		110	37	ug/Kg	☼	05/05/23 11:00	05/17/23 01:52	50
1,1-Dichloroethane	<43		110	43	ug/Kg	☼	05/05/23 11:00	05/17/23 01:52	50
1,1-Dichloroethene	<41		110	41	ug/Kg	☼	05/05/23 11:00	05/17/23 01:52	50
1,1-Dichloropropene	<31		110	31	ug/Kg	☼	05/05/23 11:00	05/17/23 01:52	50
1,2,3-Trichlorobenzene	<48		110	48	ug/Kg	☼	05/05/23 11:00	05/17/23 01:52	50
1,2,3-Trichloropropane	<44		210	44	ug/Kg	☼	05/05/23 11:00	05/17/23 01:52	50
1,2,4-Trichlorobenzene	<36		110	36	ug/Kg	☼	05/05/23 11:00	05/17/23 01:52	50
1,2,4-Trimethylbenzene	<38		110	38	ug/Kg	☼	05/05/23 11:00	05/17/23 01:52	50
1,2-Dibromo-3-Chloropropane	<210		530	210	ug/Kg	☼	05/05/23 11:00	05/17/23 01:52	50
1,2-Dibromoethane	<41		110	41	ug/Kg	☼	05/05/23 11:00	05/17/23 01:52	50
1,2-Dichlorobenzene	<35		110	35	ug/Kg	☼	05/05/23 11:00	05/17/23 01:52	50
1,2-Dichloroethane	<41		110	41	ug/Kg	☼	05/05/23 11:00	05/17/23 01:52	50
1,2-Dichloropropane	<45		110	45	ug/Kg	☼	05/05/23 11:00	05/17/23 01:52	50
1,3,5-Trimethylbenzene	<40		110	40	ug/Kg	☼	05/05/23 11:00	05/17/23 01:52	50
1,3-Dichlorobenzene	<42		110	42	ug/Kg	☼	05/05/23 11:00	05/17/23 01:52	50
1,3-Dichloropropane	<38		110	38	ug/Kg	☼	05/05/23 11:00	05/17/23 01:52	50
1,4-Dichlorobenzene	<38		110	38	ug/Kg	☼	05/05/23 11:00	05/17/23 01:52	50
2,2-Dichloropropane	<47		110	47	ug/Kg	☼	05/05/23 11:00	05/17/23 01:52	50
2-Chlorotoluene	<33		110	33	ug/Kg	☼	05/05/23 11:00	05/17/23 01:52	50
4-Chlorotoluene	<37		110	37	ug/Kg	☼	05/05/23 11:00	05/17/23 01:52	50
Benzene	<15		26	15	ug/Kg	☼	05/05/23 11:00	05/17/23 01:52	50
Bromobenzene	<37		110	37	ug/Kg	☼	05/05/23 11:00	05/17/23 01:52	50
Bromochloromethane	<45		110	45	ug/Kg	☼	05/05/23 11:00	05/17/23 01:52	50
Dichlorobromomethane	<39		110	39	ug/Kg	☼	05/05/23 11:00	05/17/23 01:52	50
Bromoform	<51		110	51	ug/Kg	☼	05/05/23 11:00	05/17/23 01:52	50
Bromomethane	<84		320	84	ug/Kg	☼	05/05/23 11:00	05/17/23 01:52	50
Carbon tetrachloride	<40		110	40	ug/Kg	☼	05/05/23 11:00	05/17/23 01:52	50
Chlorobenzene	<41		110	41	ug/Kg	☼	05/05/23 11:00	05/17/23 01:52	50
Chloroethane	<53		110	53	ug/Kg	☼	05/05/23 11:00	05/17/23 01:52	50
Chloroform	<39		210	39	ug/Kg	☼	05/05/23 11:00	05/17/23 01:52	50
Chloromethane	<34		110	34	ug/Kg	☼	05/05/23 11:00	05/17/23 01:52	50
cis-1,2-Dichloroethene	<43		110	43	ug/Kg	☼	05/05/23 11:00	05/17/23 01:52	50
cis-1,3-Dichloropropene	<44		110	44	ug/Kg	☼	05/05/23 11:00	05/17/23 01:52	50
Dibromochloromethane	<51		110	51	ug/Kg	☼	05/05/23 11:00	05/17/23 01:52	50
Dibromomethane	<28		110	28	ug/Kg	☼	05/05/23 11:00	05/17/23 01:52	50
Dichlorodifluoromethane	<71		320	71	ug/Kg	☼	05/05/23 11:00	05/17/23 01:52	50
Ethylbenzene	<19		26	19	ug/Kg	☼	05/05/23 11:00	05/17/23 01:52	50
Hexachlorobutadiene	<47		110	47	ug/Kg	☼	05/05/23 11:00	05/17/23 01:52	50
Isopropyl ether	<29		110	29	ug/Kg	☼	05/05/23 11:00	05/17/23 01:52	50
Isopropylbenzene	<40		110	40	ug/Kg	☼	05/05/23 11:00	05/17/23 01:52	50
Methyl tert-butyl ether	<41		110	41	ug/Kg	☼	05/05/23 11:00	05/17/23 01:52	50
Methylene Chloride	<170		530	170	ug/Kg	☼	05/05/23 11:00	05/17/23 01:52	50
Naphthalene	<35		110	35	ug/Kg	☼	05/05/23 11:00	05/17/23 01:52	50
n-Butylbenzene	<41		110	41	ug/Kg	☼	05/05/23 11:00	05/17/23 01:52	50
N-Propylbenzene	<44		110	44	ug/Kg	☼	05/05/23 11:00	05/17/23 01:52	50
p-Isopropyltoluene	<38		110	38	ug/Kg	☼	05/05/23 11:00	05/17/23 01:52	50

Client: Stantec Consulting Corp.
Project/Site: 333 Reed Avenue Soil Char - 193709261

Job ID: 500-233489-1

Client Sample ID: SB-30 (5-6.5)

Date Collected: 05/05/23 11:00
Date Received: 05/09/23 08:29

Lab Sample ID: 500-233489-22

Matrix: Solid
Percent Solids: 83.9

Method: SW846 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
sec-Butylbenzene	<42		110	42	ug/Kg	☼	05/05/23 11:00	05/17/23 01:52	50
Styrene	<41		110	41	ug/Kg	☼	05/05/23 11:00	05/17/23 01:52	50
tert-Butylbenzene	<42		110	42	ug/Kg	☼	05/05/23 11:00	05/17/23 01:52	50
Tetrachloroethene	<39		110	39	ug/Kg	☼	05/05/23 11:00	05/17/23 01:52	50
Toluene	<15		26	15	ug/Kg	☼	05/05/23 11:00	05/17/23 01:52	50
trans-1,2-Dichloroethene	<37		110	37	ug/Kg	☼	05/05/23 11:00	05/17/23 01:52	50
trans-1,3-Dichloropropene	<38		110	38	ug/Kg	☼	05/05/23 11:00	05/17/23 01:52	50
Trichloroethene	<17		53	17	ug/Kg	☼	05/05/23 11:00	05/17/23 01:52	50
Trichlorofluoromethane	<45		110	45	ug/Kg	☼	05/05/23 11:00	05/17/23 01:52	50
Vinyl chloride	<28		110	28	ug/Kg	☼	05/05/23 11:00	05/17/23 01:52	50
Xylenes, Total	<23		53	23	ug/Kg	☼	05/05/23 11:00	05/17/23 01:52	50

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*100*		*75 - 126*	*05/05/23 11:00*	*05/17/23 01:52*	*50*
4-Bromofluorobenzene (Surr)	*109*		*72 - 124*	*05/05/23 11:00*	*05/17/23 01:52*	*50*
Dibromofluoromethane (Surr)	*93*		*75 - 120*	*05/05/23 11:00*	*05/17/23 01:52*	*50*
Toluene-d8 (Surr)	*109*		*75 - 120*	*05/05/23 11:00*	*05/17/23 01:52*	*50*

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	<9.5		78	9.5	ug/Kg	☼	05/10/23 07:13	05/12/23 16:27	1
2-Methylnaphthalene	<7.1		78	7.1	ug/Kg	☼	05/10/23 07:13	05/12/23 16:27	1
Acenaphthene	<7.0		39	7.0	ug/Kg	☼	05/10/23 07:13	05/12/23 16:27	1
Acenaphthylene	<5.1		39	5.1	ug/Kg	☼	05/10/23 07:13	05/12/23 16:27	1
Anthracene	<6.5		39	6.5	ug/Kg	☼	05/10/23 07:13	05/12/23 16:27	1
Benzo[a]anthracene	<5.2		39	5.2	ug/Kg	☼	05/10/23 07:13	05/12/23 16:27	1
Benzo[a]pyrene	<7.5		39	7.5	ug/Kg	☼	05/10/23 07:13	05/12/23 16:27	1
Benzo[b]fluoranthene	<8.4		39	8.4	ug/Kg	☼	05/10/23 07:13	05/12/23 16:27	1
Benzo[g,h,i]perylene	<13		39	13	ug/Kg	☼	05/10/23 07:13	05/12/23 16:27	1
Benzo[k]fluoranthene	<11		39	11	ug/Kg	☼	05/10/23 07:13	05/12/23 16:27	1
Chrysene	<11		39	11	ug/Kg	☼	05/10/23 07:13	05/12/23 16:27	1
Dibenz(a,h)anthracene	<7.5		39	7.5	ug/Kg	☼	05/10/23 07:13	05/12/23 16:27	1
Fluoranthene	<7.2		39	7.2	ug/Kg	☼	05/10/23 07:13	05/12/23 16:27	1
Fluorene	<5.5		39	5.5	ug/Kg	☼	05/10/23 07:13	05/12/23 16:27	1
Indeno[1,2,3-cd]pyrene	<10		39	10	ug/Kg	☼	05/10/23 07:13	05/12/23 16:27	1
Naphthalene	<6.0		39	6.0	ug/Kg	☼	05/10/23 07:13	05/12/23 16:27	1
Phenanthrene	<5.4		39	5.4	ug/Kg	☼	05/10/23 07:13	05/12/23 16:27	1
Pyrene	<7.7		39	7.7	ug/Kg	☼	05/10/23 07:13	05/12/23 16:27	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Nitrobenzene-d5 (Surr)	*79*		*37 - 147*	*05/10/23 07:13*	*05/12/23 16:27*	*1*
2-Fluorobiphenyl (Surr)	*94*		*43 - 145*	*05/10/23 07:13*	*05/12/23 16:27*	*1*
Terphenyl-d14 (Surr)	*99*		*42 - 157*	*05/10/23 07:13*	*05/12/23 16:27*	*1*

Method: SW846 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	**1.9**		1.0	0.35	mg/Kg	☼	05/10/23 16:04	05/17/23 15:35	1
Barium	**13**		1.0	0.12	mg/Kg	☼	05/10/23 16:04	05/17/23 15:35	1
Cadmium	**0.068**	**J**	0.21	0.037	mg/Kg	☼	05/10/23 16:04	05/17/23 15:35	1
Chromium	**6.0**		1.0	0.51	mg/Kg	☼	05/10/23 16:04	05/17/23 15:35	1

Client: Stantec Consulting Corp.
Project/Site: 333 Reed Avenue Soil Char - 193709261

Job ID: 500-233489-1

Client Sample ID: SB-30 (5-6.5)
Date Collected: 05/05/23 11:00
Date Received: 05/09/23 08:29

Lab Sample ID: 500-233489-22
Matrix: Solid
Percent Solids: 83.9

Method: SW846 6010C - Metals (ICP) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	**2.3**		0.52	0.24	mg/Kg	☼	05/10/23 16:04	05/17/23 15:35	1
Selenium	<0.61		1.0	0.61	mg/Kg	☼	05/10/23 16:04	05/17/23 15:35	1
Silver	<0.13		0.52	0.13	mg/Kg	☼	05/10/23 16:04	05/17/23 15:35	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.0093		0.018	0.0093	mg/Kg	☼	05/12/23 14:55	05/15/23 08:45	1

Client: Stantec Consulting Corp.
Project/Site: 333 Reed Avenue Soil Char - 193709261

Job ID: 500-233489-1

Client Sample ID: SB-34 (2-3)
Date Collected: 05/04/23 10:05
Date Received: 05/09/23 08:29

Lab Sample ID: 500-233489-23
Matrix: Solid
Percent Solids: 81.8

Method: SW846 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<47		100	47	ug/Kg	☼	05/04/23 10:05	05/17/23 02:15	50
1,1,1-Trichloroethane	<39		100	39	ug/Kg	☼	05/04/23 10:05	05/17/23 02:15	50
1,1,2,2-Tetrachloroethane	<40		100	40	ug/Kg	☼	05/04/23 10:05	05/17/23 02:15	50
1,1,2-Trichloroethane	<36		100	36	ug/Kg	☼	05/04/23 10:05	05/17/23 02:15	50
1,1-Dichloroethane	<42		100	42	ug/Kg	☼	05/04/23 10:05	05/17/23 02:15	50
1,1-Dichloroethene	<40		100	40	ug/Kg	☼	05/04/23 10:05	05/17/23 02:15	50
1,1-Dichloropropene	<30		100	30	ug/Kg	☼	05/04/23 10:05	05/17/23 02:15	50
1,2,3-Trichlorobenzene	<46		100	46	ug/Kg	☼	05/04/23 10:05	05/17/23 02:15	50
1,2,3-Trichloropropane	<42		200	42	ug/Kg	☼	05/04/23 10:05	05/17/23 02:15	50
1,2,4-Trichlorobenzene	<35		100	35	ug/Kg	☼	05/04/23 10:05	05/17/23 02:15	50
1,2,4-Trimethylbenzene	<36		100	36	ug/Kg	☼	05/04/23 10:05	05/17/23 02:15	50
1,2-Dibromo-3-Chloropropane	<200		510	200	ug/Kg	☼	05/04/23 10:05	05/17/23 02:15	50
1,2-Dibromoethane	<39		100	39	ug/Kg	☼	05/04/23 10:05	05/17/23 02:15	50
1,2-Dichlorobenzene	<34		100	34	ug/Kg	☼	05/04/23 10:05	05/17/23 02:15	50
1,2-Dichloroethane	<40		100	40	ug/Kg	☼	05/04/23 10:05	05/17/23 02:15	50
1,2-Dichloropropane	<43		100	43	ug/Kg	☼	05/04/23 10:05	05/17/23 02:15	50
1,3,5-Trimethylbenzene	<39		100	39	ug/Kg	☼	05/04/23 10:05	05/17/23 02:15	50
1,3-Dichlorobenzene	<41		100	41	ug/Kg	☼	05/04/23 10:05	05/17/23 02:15	50
1,3-Dichloropropane	<37		100	37	ug/Kg	☼	05/04/23 10:05	05/17/23 02:15	50
1,4-Dichlorobenzene	<37		100	37	ug/Kg	☼	05/04/23 10:05	05/17/23 02:15	50
2,2-Dichloropropane	<45		100	45	ug/Kg	☼	05/04/23 10:05	05/17/23 02:15	50
2-Chlorotoluene	<32		100	32	ug/Kg	☼	05/04/23 10:05	05/17/23 02:15	50
4-Chlorotoluene	<35		100	35	ug/Kg	☼	05/04/23 10:05	05/17/23 02:15	50
Benzene	<15		25	15	ug/Kg	☼	05/04/23 10:05	05/17/23 02:15	50
Bromobenzene	<36		100	36	ug/Kg	☼	05/04/23 10:05	05/17/23 02:15	50
Bromochloromethane	<43		100	43	ug/Kg	☼	05/04/23 10:05	05/17/23 02:15	50
Dichlorobromomethane	<38		100	38	ug/Kg	☼	05/04/23 10:05	05/17/23 02:15	50
Bromoform	<49		100	49	ug/Kg	☼	05/04/23 10:05	05/17/23 02:15	50
Bromomethane	<81		300	81	ug/Kg	☼	05/04/23 10:05	05/17/23 02:15	50
Carbon tetrachloride	<39		100	39	ug/Kg	☼	05/04/23 10:05	05/17/23 02:15	50
Chlorobenzene	<39		100	39	ug/Kg	☼	05/04/23 10:05	05/17/23 02:15	50
Chloroethane	<51		100	51	ug/Kg	☼	05/04/23 10:05	05/17/23 02:15	50
Chloroform	<37		200	37	ug/Kg	☼	05/04/23 10:05	05/17/23 02:15	50
Chloromethane	<32		100	32	ug/Kg	☼	05/04/23 10:05	05/17/23 02:15	50
cis-1,2-Dichloroethene	<41		100	41	ug/Kg	☼	05/04/23 10:05	05/17/23 02:15	50
cis-1,3-Dichloropropene	<42		100	42	ug/Kg	☼	05/04/23 10:05	05/17/23 02:15	50
Dibromochloromethane	<49		100	49	ug/Kg	☼	05/04/23 10:05	05/17/23 02:15	50
Dibromomethane	<27		100	27	ug/Kg	☼	05/04/23 10:05	05/17/23 02:15	50
Dichlorodifluoromethane	<68		300	68	ug/Kg	☼	05/04/23 10:05	05/17/23 02:15	50
Ethylbenzene	<19		25	19	ug/Kg	☼	05/04/23 10:05	05/17/23 02:15	50
Hexachlorobutadiene	<45		100	45	ug/Kg	☼	05/04/23 10:05	05/17/23 02:15	50
Isopropyl ether	<28		100	28	ug/Kg	☼	05/04/23 10:05	05/17/23 02:15	50
Isopropylbenzene	<39		100	39	ug/Kg	☼	05/04/23 10:05	05/17/23 02:15	50
Methyl tert-butyl ether	<40		100	40	ug/Kg	☼	05/04/23 10:05	05/17/23 02:15	50
Methylene Chloride	<170		510	170	ug/Kg	☼	05/04/23 10:05	05/17/23 02:15	50
Naphthalene	<34		100	34	ug/Kg	☼	05/04/23 10:05	05/17/23 02:15	50
n-Butylbenzene	<39		100	39	ug/Kg	☼	05/04/23 10:05	05/17/23 02:15	50
N-Propylbenzene	<42		100	42	ug/Kg	☼	05/04/23 10:05	05/17/23 02:15	50
p-Isopropyltoluene	<37		100	37	ug/Kg	☼	05/04/23 10:05	05/17/23 02:15	50

Client: Stantec Consulting Corp.
Project/Site: 333 Reed Avenue Soil Char - 193709261

Job ID: 500-233489-1

Client Sample ID: SB-34 (2-3)

Date Collected: 05/04/23 10:05
Date Received: 05/09/23 08:29

Lab Sample ID: 500-233489-23

Matrix: Solid
Percent Solids: 81.8

Method: SW846 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
sec-Butylbenzene	<40		100	40	ug/Kg	☼	05/04/23 10:05	05/17/23 02:15	50
Styrene	<39		100	39	ug/Kg	☼	05/04/23 10:05	05/17/23 02:15	50
tert-Butylbenzene	<40		100	40	ug/Kg	☼	05/04/23 10:05	05/17/23 02:15	50
Tetrachloroethene	<37		100	37	ug/Kg	☼	05/04/23 10:05	05/17/23 02:15	50
Toluene	<15		25	15	ug/Kg	☼	05/04/23 10:05	05/17/23 02:15	50
trans-1,2-Dichloroethene	<35		100	35	ug/Kg	☼	05/04/23 10:05	05/17/23 02:15	50
trans-1,3-Dichloropropene	<37		100	37	ug/Kg	☼	05/04/23 10:05	05/17/23 02:15	50
Trichloroethene	<17		51	17	ug/Kg	☼	05/04/23 10:05	05/17/23 02:15	50
Trichlorofluoromethane	<43		100	43	ug/Kg	☼	05/04/23 10:05	05/17/23 02:15	50
Vinyl chloride	<27		100	27	ug/Kg	☼	05/04/23 10:05	05/17/23 02:15	50
Xylenes, Total	<22		51	22	ug/Kg	☼	05/04/23 10:05	05/17/23 02:15	50

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*99*		*75 - 126*	*05/04/23 10:05*	*05/17/23 02:15*	*50*
4-Bromofluorobenzene (Surr)	*110*		*72 - 124*	*05/04/23 10:05*	*05/17/23 02:15*	*50*
Dibromofluoromethane (Surr)	*93*		*75 - 120*	*05/04/23 10:05*	*05/17/23 02:15*	*50*
Toluene-d8 (Surr)	*109*		*75 - 120*	*05/04/23 10:05*	*05/17/23 02:15*	*50*

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	<9.7		80	9.7	ug/Kg	☼	05/10/23 07:13	05/12/23 16:48	1
2-Methylnaphthalene	<7.3		80	7.3	ug/Kg	☼	05/10/23 07:13	05/12/23 16:48	1
Acenaphthene	<7.1		39	7.1	ug/Kg	☼	05/10/23 07:13	05/12/23 16:48	1
Acenaphthylene	<5.2		39	5.2	ug/Kg	☼	05/10/23 07:13	05/12/23 16:48	1
Anthracene	<6.6		39	6.6	ug/Kg	☼	05/10/23 07:13	05/12/23 16:48	1
Benzo[a]anthracene	<5.3		39	5.3	ug/Kg	☼	05/10/23 07:13	05/12/23 16:48	1
Benzo[a]pyrene	<7.7		39	7.7	ug/Kg	☼	05/10/23 07:13	05/12/23 16:48	1
Benzo[b]fluoranthene	<8.6		39	8.6	ug/Kg	☼	05/10/23 07:13	05/12/23 16:48	1
Benzo[g,h,i]perylene	<13		39	13	ug/Kg	☼	05/10/23 07:13	05/12/23 16:48	1
Benzo[k]fluoranthene	<12		39	12	ug/Kg	☼	05/10/23 07:13	05/12/23 16:48	1
Chrysene	<11		39	11	ug/Kg	☼	05/10/23 07:13	05/12/23 16:48	1
Dibenz(a,h)anthracene	<7.7		39	7.7	ug/Kg	☼	05/10/23 07:13	05/12/23 16:48	1
Fluoranthene	<7.4		39	7.4	ug/Kg	☼	05/10/23 07:13	05/12/23 16:48	1
Fluorene	<5.6		39	5.6	ug/Kg	☼	05/10/23 07:13	05/12/23 16:48	1
Indeno[1,2,3-cd]pyrene	<10		39	10	ug/Kg	☼	05/10/23 07:13	05/12/23 16:48	1
Naphthalene	<6.1		39	6.1	ug/Kg	☼	05/10/23 07:13	05/12/23 16:48	1
Phenanthrene	<5.5		39	5.5	ug/Kg	☼	05/10/23 07:13	05/12/23 16:48	1
Pyrene	<7.9		39	7.9	ug/Kg	☼	05/10/23 07:13	05/12/23 16:48	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Nitrobenzene-d5 (Surr)	*61*		*37 - 147*	*05/10/23 07:13*	*05/12/23 16:48*	*1*
2-Fluorobiphenyl (Surr)	*70*		*43 - 145*	*05/10/23 07:13*	*05/12/23 16:48*	*1*
Terphenyl-d14 (Surr)	*79*		*42 - 157*	*05/10/23 07:13*	*05/12/23 16:48*	*1*

Method: SW846 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	**2.4**		1.1	0.38	mg/Kg	☼	05/10/23 16:04	05/17/23 15:38	1
Barium	**64**		1.1	0.13	mg/Kg	☼	05/10/23 16:04	05/17/23 15:38	1
Cadmium	**0.11**	**J**	0.22	0.040	mg/Kg	☼	05/10/23 16:04	05/17/23 15:38	1
Chromium	**22**		1.1	0.55	mg/Kg	☼	05/10/23 16:04	05/17/23 15:38	1

Client: Stantec Consulting Corp.
Project/Site: 333 Reed Avenue Soil Char - 193709261

Job ID: 500-233489-1

Client Sample ID: SB-34 (2-3)
Date Collected: 05/04/23 10:05
Date Received: 05/09/23 08:29

Lab Sample ID: 500-233489-23
Matrix: Solid
Percent Solids: 81.8

Method: SW846 6010C - Metals (ICP) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	**5.6**		0.55	0.26	mg/Kg	☼	05/10/23 16:04	05/17/23 15:38	1
Selenium	<0.65		1.1	0.65	mg/Kg	☼	05/10/23 16:04	05/17/23 15:38	1
Silver	**0.30**	**J**	0.55	0.14	mg/Kg	☼	05/10/23 16:04	05/17/23 15:38	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.010		0.019	0.010	mg/Kg	☼	05/12/23 14:55	05/15/23 08:47	1

Client: Stantec Consulting Corp.
Project/Site: 333 Reed Avenue Soil Char - 193709261

Job ID: 500-233489-1

Client Sample ID: SB-33 (0.5-2)
Date Collected: 05/04/23 10:08
Date Received: 05/09/23 08:29

Lab Sample ID: 500-233489-24
Matrix: Solid
Percent Solids: 82.1

Method: SW846 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<49		110	49	ug/Kg	☼	05/04/23 10:08	05/17/23 02:37	50
1,1,1-Trichloroethane	<40		110	40	ug/Kg	☼	05/04/23 10:08	05/17/23 02:37	50
1,1,2,2-Tetrachloroethane	<42		110	42	ug/Kg	☼	05/04/23 10:08	05/17/23 02:37	50
1,1,2-Trichloroethane	<37		110	37	ug/Kg	☼	05/04/23 10:08	05/17/23 02:37	50
1,1-Dichloroethane	<43		110	43	ug/Kg	☼	05/04/23 10:08	05/17/23 02:37	50
1,1-Dichloroethene	<41		110	41	ug/Kg	☼	05/04/23 10:08	05/17/23 02:37	50
1,1-Dichloropropene	<31		110	31	ug/Kg	☼	05/04/23 10:08	05/17/23 02:37	50
1,2,3-Trichlorobenzene	<48		110	48	ug/Kg	☼	05/04/23 10:08	05/17/23 02:37	50
1,2,3-Trichloropropane	<44		210	44	ug/Kg	☼	05/04/23 10:08	05/17/23 02:37	50
1,2,4-Trichlorobenzene	<36		110	36	ug/Kg	☼	05/04/23 10:08	05/17/23 02:37	50
1,2,4-Trimethylbenzene	<38		110	38	ug/Kg	☼	05/04/23 10:08	05/17/23 02:37	50
1,2-Dibromo-3-Chloropropane	<210		530	210	ug/Kg	☼	05/04/23 10:08	05/17/23 02:37	50
1,2-Dibromoethane	<41		110	41	ug/Kg	☼	05/04/23 10:08	05/17/23 02:37	50
1,2-Dichlorobenzene	<35		110	35	ug/Kg	☼	05/04/23 10:08	05/17/23 02:37	50
1,2-Dichloroethane	<41		110	41	ug/Kg	☼	05/04/23 10:08	05/17/23 02:37	50
1,2-Dichloropropane	<45		110	45	ug/Kg	☼	05/04/23 10:08	05/17/23 02:37	50
1,3,5-Trimethylbenzene	<40		110	40	ug/Kg	☼	05/04/23 10:08	05/17/23 02:37	50
1,3-Dichlorobenzene	<42		110	42	ug/Kg	☼	05/04/23 10:08	05/17/23 02:37	50
1,3-Dichloropropane	<38		110	38	ug/Kg	☼	05/04/23 10:08	05/17/23 02:37	50
1,4-Dichlorobenzene	<38		110	38	ug/Kg	☼	05/04/23 10:08	05/17/23 02:37	50
2,2-Dichloropropane	<47		110	47	ug/Kg	☼	05/04/23 10:08	05/17/23 02:37	50
2-Chlorotoluene	<33		110	33	ug/Kg	☼	05/04/23 10:08	05/17/23 02:37	50
4-Chlorotoluene	<37		110	37	ug/Kg	☼	05/04/23 10:08	05/17/23 02:37	50
Benzene	<15		26	15	ug/Kg	☼	05/04/23 10:08	05/17/23 02:37	50
Bromobenzene	<37		110	37	ug/Kg	☼	05/04/23 10:08	05/17/23 02:37	50
Bromochloromethane	<45		110	45	ug/Kg	☼	05/04/23 10:08	05/17/23 02:37	50
Dichlorobromomethane	<39		110	39	ug/Kg	☼	05/04/23 10:08	05/17/23 02:37	50
Bromoform	<51		110	51	ug/Kg	☼	05/04/23 10:08	05/17/23 02:37	50
Bromomethane	<84		320	84	ug/Kg	☼	05/04/23 10:08	05/17/23 02:37	50
Carbon tetrachloride	<40		110	40	ug/Kg	☼	05/04/23 10:08	05/17/23 02:37	50
Chlorobenzene	<41		110	41	ug/Kg	☼	05/04/23 10:08	05/17/23 02:37	50
Chloroethane	<53		110	53	ug/Kg	☼	05/04/23 10:08	05/17/23 02:37	50
Chloroform	<39		210	39	ug/Kg	☼	05/04/23 10:08	05/17/23 02:37	50
Chloromethane	<34		110	34	ug/Kg	☼	05/04/23 10:08	05/17/23 02:37	50
cis-1,2-Dichloroethene	<43		110	43	ug/Kg	☼	05/04/23 10:08	05/17/23 02:37	50
cis-1,3-Dichloropropene	<44		110	44	ug/Kg	☼	05/04/23 10:08	05/17/23 02:37	50
Dibromochloromethane	<51		110	51	ug/Kg	☼	05/04/23 10:08	05/17/23 02:37	50
Dibromomethane	<28		110	28	ug/Kg	☼	05/04/23 10:08	05/17/23 02:37	50
Dichlorodifluoromethane	<71		320	71	ug/Kg	☼	05/04/23 10:08	05/17/23 02:37	50
Ethylbenzene	<19		26	19	ug/Kg	☼	05/04/23 10:08	05/17/23 02:37	50
Hexachlorobutadiene	<47		110	47	ug/Kg	☼	05/04/23 10:08	05/17/23 02:37	50
Isopropyl ether	<29		110	29	ug/Kg	☼	05/04/23 10:08	05/17/23 02:37	50
Isopropylbenzene	<40		110	40	ug/Kg	☼	05/04/23 10:08	05/17/23 02:37	50
Methyl tert-butyl ether	<41		110	41	ug/Kg	☼	05/04/23 10:08	05/17/23 02:37	50
Methylene Chloride	<170		530	170	ug/Kg	☼	05/04/23 10:08	05/17/23 02:37	50
Naphthalene	<35		110	35	ug/Kg	☼	05/04/23 10:08	05/17/23 02:37	50
n-Butylbenzene	<41		110	41	ug/Kg	☼	05/04/23 10:08	05/17/23 02:37	50
N-Propylbenzene	<44		110	44	ug/Kg	☼	05/04/23 10:08	05/17/23 02:37	50
p-Isopropyltoluene	<38		110	38	ug/Kg	☼	05/04/23 10:08	05/17/23 02:37	50

Client: Stantec Consulting Corp.
Project/Site: 333 Reed Avenue Soil Char - 193709261

Job ID: 500-233489-1

Client Sample ID: SB-33 (0.5-2)

Date Collected: 05/04/23 10:08
Date Received: 05/09/23 08:29

Lab Sample ID: 500-233489-24

Matrix: Solid
Percent Solids: 82.1

Method: SW846 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
sec-Butylbenzene	<42		110	42	ug/Kg	☼	05/04/23 10:08	05/17/23 02:37	50
Styrene	<41		110	41	ug/Kg	☼	05/04/23 10:08	05/17/23 02:37	50
tert-Butylbenzene	<42		110	42	ug/Kg	☼	05/04/23 10:08	05/17/23 02:37	50
Tetrachloroethene	<39		110	39	ug/Kg	☼	05/04/23 10:08	05/17/23 02:37	50
Toluene	<15		26	15	ug/Kg	☼	05/04/23 10:08	05/17/23 02:37	50
trans-1,2-Dichloroethene	<37		110	37	ug/Kg	☼	05/04/23 10:08	05/17/23 02:37	50
trans-1,3-Dichloropropene	<38		110	38	ug/Kg	☼	05/04/23 10:08	05/17/23 02:37	50
Trichloroethene	<17		53	17	ug/Kg	☼	05/04/23 10:08	05/17/23 02:37	50
Trichlorofluoromethane	<45		110	45	ug/Kg	☼	05/04/23 10:08	05/17/23 02:37	50
Vinyl chloride	<28		110	28	ug/Kg	☼	05/04/23 10:08	05/17/23 02:37	50
Xylenes, Total	<23		53	23	ug/Kg	☼	05/04/23 10:08	05/17/23 02:37	50

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*100*		*75 - 126*	*05/04/23 10:08*	*05/17/23 02:37*	*50*
4-Bromofluorobenzene (Surr)	*110*		*72 - 124*	*05/04/23 10:08*	*05/17/23 02:37*	*50*
Dibromofluoromethane (Surr)	*93*		*75 - 120*	*05/04/23 10:08*	*05/17/23 02:37*	*50*
Toluene-d8 (Surr)	*110*		*75 - 120*	*05/04/23 10:08*	*05/17/23 02:37*	*50*

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	<9.7		80	9.7	ug/Kg	☼	05/10/23 07:13	05/12/23 17:10	1
2-Methylnaphthalene	<7.3		80	7.3	ug/Kg	☼	05/10/23 07:13	05/12/23 17:10	1
Acenaphthene	<7.1		39	7.1	ug/Kg	☼	05/10/23 07:13	05/12/23 17:10	1
Acenaphthylene	<5.2		39	5.2	ug/Kg	☼	05/10/23 07:13	05/12/23 17:10	1
Anthracene	<6.6		39	6.6	ug/Kg	☼	05/10/23 07:13	05/12/23 17:10	1
Benzo[a]anthracene	<5.3		39	5.3	ug/Kg	☼	05/10/23 07:13	05/12/23 17:10	1
Benzo[a]pyrene	<7.7		39	7.7	ug/Kg	☼	05/10/23 07:13	05/12/23 17:10	1
Benzo[b]fluoranthene	<8.5		39	8.5	ug/Kg	☼	05/10/23 07:13	05/12/23 17:10	1
Benzo[g,h,i]perylene	<13		39	13	ug/Kg	☼	05/10/23 07:13	05/12/23 17:10	1
Benzo[k]fluoranthene	<12		39	12	ug/Kg	☼	05/10/23 07:13	05/12/23 17:10	1
Chrysene	<11		39	11	ug/Kg	☼	05/10/23 07:13	05/12/23 17:10	1
Dibenz(a,h)anthracene	<7.6		39	7.6	ug/Kg	☼	05/10/23 07:13	05/12/23 17:10	1
Fluoranthene	<7.3		39	7.3	ug/Kg	☼	05/10/23 07:13	05/12/23 17:10	1
Fluorene	<5.6		39	5.6	ug/Kg	☼	05/10/23 07:13	05/12/23 17:10	1
Indeno[1,2,3-cd]pyrene	<10		39	10	ug/Kg	☼	05/10/23 07:13	05/12/23 17:10	1
Naphthalene	<6.1		39	6.1	ug/Kg	☼	05/10/23 07:13	05/12/23 17:10	1
Phenanthrene	<5.5		39	5.5	ug/Kg	☼	05/10/23 07:13	05/12/23 17:10	1
Pyrene	<7.9		39	7.9	ug/Kg	☼	05/10/23 07:13	05/12/23 17:10	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Nitrobenzene-d5 (Surr)	*77*		*37 - 147*	*05/10/23 07:13*	*05/12/23 17:10*	*1*
2-Fluorobiphenyl (Surr)	*86*		*43 - 145*	*05/10/23 07:13*	*05/12/23 17:10*	*1*
Terphenyl-d14 (Surr)	*96*		*42 - 157*	*05/10/23 07:13*	*05/12/23 17:10*	*1*

Method: SW846 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	**2.5**		1.0	0.35	mg/Kg	☼	05/10/23 16:04	05/17/23 15:42	1
Barium	**41**		1.0	0.12	mg/Kg	☼	05/10/23 16:04	05/17/23 15:42	1
Cadmium	**0.12**	**J**	0.20	0.037	mg/Kg	☼	05/10/23 16:04	05/17/23 15:42	1
Chromium	**20**		1.0	0.50	mg/Kg	☼	05/10/23 16:04	05/17/23 15:42	1

Client: Stantec Consulting Corp.
Project/Site: 333 Reed Avenue Soil Char - 193709261

Job ID: 500-233489-1

Client Sample ID: SB-33 (0.5-2)
Date Collected: 05/04/23 10:08
Date Received: 05/09/23 08:29

Lab Sample ID: 500-233489-24
Matrix: Solid
Percent Solids: 82.1

Method: SW846 6010C - Metals (ICP) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	**4.3**		0.51	0.24	mg/Kg	☼	05/10/23 16:04	05/17/23 15:42	1
Selenium	<0.60		1.0	0.60	mg/Kg	☼	05/10/23 16:04	05/17/23 15:42	1
Silver	**0.25**	**J**	0.51	0.13	mg/Kg	☼	05/10/23 16:04	05/17/23 15:42	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**0.012**	**J**	0.019	0.010	mg/Kg	☼	05/12/23 14:55	05/15/23 08:48	1

Client: Stantec Consulting Corp.
Project/Site: 333 Reed Avenue Soil Char - 193709261

Job ID: 500-233489-1

Client Sample ID: SB-38 (0.5-1.5)
Date Collected: 05/05/23 12:00
Date Received: 05/09/23 08:29

Lab Sample ID: 500-233489-25
Matrix: Solid
Percent Solids: 89.4

Method: SW846 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<45		97	45	ug/Kg	☼	05/05/23 12:00	05/17/23 03:00	50
1,1,1-Trichloroethane	<37		97	37	ug/Kg	☼	05/05/23 12:00	05/17/23 03:00	50
1,1,2,2-Tetrachloroethane	<39		97	39	ug/Kg	☼	05/05/23 12:00	05/17/23 03:00	50
1,1,2-Trichloroethane	<34		97	34	ug/Kg	☼	05/05/23 12:00	05/17/23 03:00	50
1,1-Dichloroethane	<40		97	40	ug/Kg	☼	05/05/23 12:00	05/17/23 03:00	50
1,1-Dichloroethene	<38		97	38	ug/Kg	☼	05/05/23 12:00	05/17/23 03:00	50
1,1-Dichloropropene	<29		97	29	ug/Kg	☼	05/05/23 12:00	05/17/23 03:00	50
1,2,3-Trichlorobenzene	<44		97	44	ug/Kg	☼	05/05/23 12:00	05/17/23 03:00	50
1,2,3-Trichloropropane	<40		190	40	ug/Kg	☼	05/05/23 12:00	05/17/23 03:00	50
1,2,4-Trichlorobenzene	<33		97	33	ug/Kg	☼	05/05/23 12:00	05/17/23 03:00	50
1,2,4-Trimethylbenzene	<35		97	35	ug/Kg	☼	05/05/23 12:00	05/17/23 03:00	50
1,2-Dibromo-3-Chloropropane	<190		490	190	ug/Kg	☼	05/05/23 12:00	05/17/23 03:00	50
1,2-Dibromoethane	<37		97	37	ug/Kg	☼	05/05/23 12:00	05/17/23 03:00	50
1,2-Dichlorobenzene	<32		97	32	ug/Kg	☼	05/05/23 12:00	05/17/23 03:00	50
1,2-Dichloroethane	<38		97	38	ug/Kg	☼	05/05/23 12:00	05/17/23 03:00	50
1,2-Dichloropropane	<42		97	42	ug/Kg	☼	05/05/23 12:00	05/17/23 03:00	50
1,3,5-Trimethylbenzene	<37		97	37	ug/Kg	☼	05/05/23 12:00	05/17/23 03:00	50
1,3-Dichlorobenzene	<39		97	39	ug/Kg	☼	05/05/23 12:00	05/17/23 03:00	50
1,3-Dichloropropane	<35		97	35	ug/Kg	☼	05/05/23 12:00	05/17/23 03:00	50
1,4-Dichlorobenzene	<35		97	35	ug/Kg	☼	05/05/23 12:00	05/17/23 03:00	50
2,2-Dichloropropane	<43		97	43	ug/Kg	☼	05/05/23 12:00	05/17/23 03:00	50
2-Chlorotoluene	<30		97	30	ug/Kg	☼	05/05/23 12:00	05/17/23 03:00	50
4-Chlorotoluene	<34		97	34	ug/Kg	☼	05/05/23 12:00	05/17/23 03:00	50
Benzene	<14		24	14	ug/Kg	☼	05/05/23 12:00	05/17/23 03:00	50
Bromobenzene	<35		97	35	ug/Kg	☼	05/05/23 12:00	05/17/23 03:00	50
Bromochloromethane	<42		97	42	ug/Kg	☼	05/05/23 12:00	05/17/23 03:00	50
Dichlorobromomethane	<36		97	36	ug/Kg	☼	05/05/23 12:00	05/17/23 03:00	50
Bromoform	<47		97	47	ug/Kg	☼	05/05/23 12:00	05/17/23 03:00	50
Bromomethane	<77		290	77	ug/Kg	☼	05/05/23 12:00	05/17/23 03:00	50
Carbon tetrachloride	<37		97	37	ug/Kg	☼	05/05/23 12:00	05/17/23 03:00	50
Chlorobenzene	<37		97	37	ug/Kg	☼	05/05/23 12:00	05/17/23 03:00	50
Chloroethane	<49		97	49	ug/Kg	☼	05/05/23 12:00	05/17/23 03:00	50
Chloroform	<36		190	36	ug/Kg	☼	05/05/23 12:00	05/17/23 03:00	50
Chloromethane	<31		97	31	ug/Kg	☼	05/05/23 12:00	05/17/23 03:00	50
cis-1,2-Dichloroethene	<40		97	40	ug/Kg	☼	05/05/23 12:00	05/17/23 03:00	50
cis-1,3-Dichloropropene	<40		97	40	ug/Kg	☼	05/05/23 12:00	05/17/23 03:00	50
Dibromochloromethane	<47		97	47	ug/Kg	☼	05/05/23 12:00	05/17/23 03:00	50
Dibromomethane	<26		97	26	ug/Kg	☼	05/05/23 12:00	05/17/23 03:00	50
Dichlorodifluoromethane	<65		290	65	ug/Kg	☼	05/05/23 12:00	05/17/23 03:00	50
Ethylbenzene	<18		24	18	ug/Kg	☼	05/05/23 12:00	05/17/23 03:00	50
Hexachlorobutadiene	<43		97	43	ug/Kg	☼	05/05/23 12:00	05/17/23 03:00	50
Isopropyl ether	<27		97	27	ug/Kg	☼	05/05/23 12:00	05/17/23 03:00	50
Isopropylbenzene	<37		97	37	ug/Kg	☼	05/05/23 12:00	05/17/23 03:00	50
Methyl tert-butyl ether	<38		97	38	ug/Kg	☼	05/05/23 12:00	05/17/23 03:00	50
Methylene Chloride	<160		490	160	ug/Kg	☼	05/05/23 12:00	05/17/23 03:00	50
Naphthalene	<32		97	32	ug/Kg	☼	05/05/23 12:00	05/17/23 03:00	50
n-Butylbenzene	<38		97	38	ug/Kg	☼	05/05/23 12:00	05/17/23 03:00	50
N-Propylbenzene	<40		97	40	ug/Kg	☼	05/05/23 12:00	05/17/23 03:00	50
p-Isopropyltoluene	<35		97	35	ug/Kg	☼	05/05/23 12:00	05/17/23 03:00	50

Client: Stantec Consulting Corp.
Project/Site: 333 Reed Avenue Soil Char - 193709261

Job ID: 500-233489-1

Client Sample ID: SB-38 (0.5-1.5)

Date Collected: 05/05/23 12:00
Date Received: 05/09/23 08:29

Lab Sample ID: 500-233489-25

Matrix: Solid
Percent Solids: 89.4

Method: SW846 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
sec-Butylbenzene	<39		97	39	ug/Kg	☼	05/05/23 12:00	05/17/23 03:00	50
Styrene	<37		97	37	ug/Kg	☼	05/05/23 12:00	05/17/23 03:00	50
tert-Butylbenzene	<39		97	39	ug/Kg	☼	05/05/23 12:00	05/17/23 03:00	50
Tetrachloroethene	<36		97	36	ug/Kg	☼	05/05/23 12:00	05/17/23 03:00	50
Toluene	<14		24	14	ug/Kg	☼	05/05/23 12:00	05/17/23 03:00	50
trans-1,2-Dichloroethene	<34		97	34	ug/Kg	☼	05/05/23 12:00	05/17/23 03:00	50
trans-1,3-Dichloropropene	<35		97	35	ug/Kg	☼	05/05/23 12:00	05/17/23 03:00	50
Trichloroethene	<16		49	16	ug/Kg	☼	05/05/23 12:00	05/17/23 03:00	50
Trichlorofluoromethane	<42		97	42	ug/Kg	☼	05/05/23 12:00	05/17/23 03:00	50
Vinyl chloride	<25		97	25	ug/Kg	☼	05/05/23 12:00	05/17/23 03:00	50
Xylenes, Total	<21		49	21	ug/Kg	☼	05/05/23 12:00	05/17/23 03:00	50

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*102*		*75 - 126*	*05/05/23 12:00*	*05/17/23 03:00*	*50*
4-Bromofluorobenzene (Surr)	*109*		*72 - 124*	*05/05/23 12:00*	*05/17/23 03:00*	*50*
Dibromofluoromethane (Surr)	*94*		*75 - 120*	*05/05/23 12:00*	*05/17/23 03:00*	*50*
Toluene-d8 (Surr)	*110*		*75 - 120*	*05/05/23 12:00*	*05/17/23 03:00*	*50*

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	<8.7		72	8.7	ug/Kg	☼	05/10/23 07:13	05/12/23 17:31	1
2-Methylnaphthalene	<6.6		72	6.6	ug/Kg	☼	05/10/23 07:13	05/12/23 17:31	1
Acenaphthene	<6.4		35	6.4	ug/Kg	☼	05/10/23 07:13	05/12/23 17:31	1
Acenaphthylene	<4.7		35	4.7	ug/Kg	☼	05/10/23 07:13	05/12/23 17:31	1
Anthracene	<6.0		35	6.0	ug/Kg	☼	05/10/23 07:13	05/12/23 17:31	1
Benzo[a]anthracene	<4.8		35	4.8	ug/Kg	☼	05/10/23 07:13	05/12/23 17:31	1
Benzo[a]pyrene	<6.9		35	6.9	ug/Kg	☼	05/10/23 07:13	05/12/23 17:31	1
Benzo[b]fluoranthene	<7.7		35	7.7	ug/Kg	☼	05/10/23 07:13	05/12/23 17:31	1
Benzo[g,h,i]perylene	<11		35	11	ug/Kg	☼	05/10/23 07:13	05/12/23 17:31	1
Benzo[k]fluoranthene	<11		35	11	ug/Kg	☼	05/10/23 07:13	05/12/23 17:31	1
Chrysene	<9.7		35	9.7	ug/Kg	☼	05/10/23 07:13	05/12/23 17:31	1
Dibenz(a,h)anthracene	<6.9		35	6.9	ug/Kg	☼	05/10/23 07:13	05/12/23 17:31	1
Fluoranthene	<6.6		35	6.6	ug/Kg	☼	05/10/23 07:13	05/12/23 17:31	1
Fluorene	<5.0		35	5.0	ug/Kg	☼	05/10/23 07:13	05/12/23 17:31	1
Indeno[1,2,3-cd]pyrene	<9.3		35	9.3	ug/Kg	☼	05/10/23 07:13	05/12/23 17:31	1
Naphthalene	<5.5		35	5.5	ug/Kg	☼	05/10/23 07:13	05/12/23 17:31	1
Phenanthrene	<5.0		35	5.0	ug/Kg	☼	05/10/23 07:13	05/12/23 17:31	1
Pyrene	<7.1		35	7.1	ug/Kg	☼	05/10/23 07:13	05/12/23 17:31	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Nitrobenzene-d5 (Surr)	*76*		*37 - 147*	*05/10/23 07:13*	*05/12/23 17:31*	*1*
2-Fluorobiphenyl (Surr)	*88*		*43 - 145*	*05/10/23 07:13*	*05/12/23 17:31*	*1*
Terphenyl-d14 (Surr)	*95*		*42 - 157*	*05/10/23 07:13*	*05/12/23 17:31*	*1*

Method: SW846 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	**0.91**	**J**	1.1	0.37	mg/Kg	☼	05/10/23 16:04	05/17/23 16:03	1
Barium	**10**		1.1	0.12	mg/Kg	☼	05/10/23 16:04	05/17/23 16:03	1
Cadmium	**0.090**	**J**	0.21	0.038	mg/Kg	☼	05/10/23 16:04	05/17/23 16:03	1
Chromium	**3.8**		1.1	0.53	mg/Kg	☼	05/10/23 16:04	05/17/23 16:03	1

Client: Stantec Consulting Corp.
Project/Site: 333 Reed Avenue Soil Char - 193709261

Job ID: 500-233489-1

Client Sample ID: SB-38 (0.5-1.5)
Date Collected: 05/05/23 12:00
Date Received: 05/09/23 08:29

Lab Sample ID: 500-233489-25
Matrix: Solid
Percent Solids: 89.4

Method: SW846 6010C - Metals (ICP) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	**1.4**		0.53	0.25	mg/Kg	☼	05/10/23 16:04	05/17/23 16:03	1
Selenium	<0.63		1.1	0.63	mg/Kg	☼	05/10/23 16:04	05/17/23 16:03	1
Silver	**0.15**	**J**	0.53	0.14	mg/Kg	☼	05/10/23 16:04	05/17/23 16:03	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.0093		0.018	0.0093	mg/Kg	☼	05/12/23 14:55	05/15/23 08:50	1

Client: Stantec Consulting Corp.
Project/Site: 333 Reed Avenue Soil Char - 193709261

Job ID: 500-233489-1

Client Sample ID: DUP
Date Collected: 05/04/23 11:35
Date Received: 05/09/23 08:29

Lab Sample ID: 500-233489-26
Matrix: Solid
Percent Solids: 87.0

Method: SW846 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<46		100	46	ug/Kg	☼	05/04/23 11:35	05/17/23 03:23	50
1,1,1-Trichloroethane	<38		100	38	ug/Kg	☼	05/04/23 11:35	05/17/23 03:23	50
1,1,2,2-Tetrachloroethane	<40		100	40	ug/Kg	☼	05/04/23 11:35	05/17/23 03:23	50
1,1,2-Trichloroethane	<35		100	35	ug/Kg	☼	05/04/23 11:35	05/17/23 03:23	50
1,1-Dichloroethane	<41		100	41	ug/Kg	☼	05/04/23 11:35	05/17/23 03:23	50
1,1-Dichloroethene	<39		100	39	ug/Kg	☼	05/04/23 11:35	05/17/23 03:23	50
1,1-Dichloropropene	<30		100	30	ug/Kg	☼	05/04/23 11:35	05/17/23 03:23	50
1,2,3-Trichlorobenzene	<46		100	46	ug/Kg	☼	05/04/23 11:35	05/17/23 03:23	50
1,2,3-Trichloropropane	<41		200	41	ug/Kg	☼	05/04/23 11:35	05/17/23 03:23	50
1,2,4-Trichlorobenzene	<34		100	34	ug/Kg	☼	05/04/23 11:35	05/17/23 03:23	50
1,2,4-Trimethylbenzene	<36		100	36	ug/Kg	☼	05/04/23 11:35	05/17/23 03:23	50
1,2-Dibromo-3-Chloropropane	<200		500	200	ug/Kg	☼	05/04/23 11:35	05/17/23 03:23	50
1,2-Dibromoethane	<39		100	39	ug/Kg	☼	05/04/23 11:35	05/17/23 03:23	50
1,2-Dichlorobenzene	<33		100	33	ug/Kg	☼	05/04/23 11:35	05/17/23 03:23	50
1,2-Dichloroethane	<39		100	39	ug/Kg	☼	05/04/23 11:35	05/17/23 03:23	50
1,2-Dichloropropane	<43		100	43	ug/Kg	☼	05/04/23 11:35	05/17/23 03:23	50
1,3,5-Trimethylbenzene	<38		100	38	ug/Kg	☼	05/04/23 11:35	05/17/23 03:23	50
1,3-Dichlorobenzene	<40		100	40	ug/Kg	☼	05/04/23 11:35	05/17/23 03:23	50
1,3-Dichloropropane	<36		100	36	ug/Kg	☼	05/04/23 11:35	05/17/23 03:23	50
1,4-Dichlorobenzene	<36		100	36	ug/Kg	☼	05/04/23 11:35	05/17/23 03:23	50
2,2-Dichloropropane	<44		100	44	ug/Kg	☼	05/04/23 11:35	05/17/23 03:23	50
2-Chlorotoluene	<31		100	31	ug/Kg	☼	05/04/23 11:35	05/17/23 03:23	50
4-Chlorotoluene	<35		100	35	ug/Kg	☼	05/04/23 11:35	05/17/23 03:23	50
Benzene	<15		25	15	ug/Kg	☼	05/04/23 11:35	05/17/23 03:23	50
Bromobenzene	<36		100	36	ug/Kg	☼	05/04/23 11:35	05/17/23 03:23	50
Bromochloromethane	<43		100	43	ug/Kg	☼	05/04/23 11:35	05/17/23 03:23	50
Dichlorobromomethane	<37		100	37	ug/Kg	☼	05/04/23 11:35	05/17/23 03:23	50
Bromoform	<48		100	48	ug/Kg	☼	05/04/23 11:35	05/17/23 03:23	50
Bromomethane	<79		300	79	ug/Kg	☼	05/04/23 11:35	05/17/23 03:23	50
Carbon tetrachloride	<38		100	38	ug/Kg	☼	05/04/23 11:35	05/17/23 03:23	50
Chlorobenzene	<39		100	39	ug/Kg	☼	05/04/23 11:35	05/17/23 03:23	50
Chloroethane	<50		100	50	ug/Kg	☼	05/04/23 11:35	05/17/23 03:23	50
Chloroform	<37		200	37	ug/Kg	☼	05/04/23 11:35	05/17/23 03:23	50
Chloromethane	<32		100	32	ug/Kg	☼	05/04/23 11:35	05/17/23 03:23	50
cis-1,2-Dichloroethene	<41		100	41	ug/Kg	☼	05/04/23 11:35	05/17/23 03:23	50
cis-1,3-Dichloropropene	<42		100	42	ug/Kg	☼	05/04/23 11:35	05/17/23 03:23	50
Dibromochloromethane	<49		100	49	ug/Kg	☼	05/04/23 11:35	05/17/23 03:23	50
Dibromomethane	<27		100	27	ug/Kg	☼	05/04/23 11:35	05/17/23 03:23	50
Dichlorodifluoromethane	<67		300	67	ug/Kg	☼	05/04/23 11:35	05/17/23 03:23	50
Ethylbenzene	<18		25	18	ug/Kg	☼	05/04/23 11:35	05/17/23 03:23	50
Hexachlorobutadiene	<45		100	45	ug/Kg	☼	05/04/23 11:35	05/17/23 03:23	50
Isopropyl ether	<28		100	28	ug/Kg	☼	05/04/23 11:35	05/17/23 03:23	50
Isopropylbenzene	<38		100	38	ug/Kg	☼	05/04/23 11:35	05/17/23 03:23	50
Methyl tert-butyl ether	<39		100	39	ug/Kg	☼	05/04/23 11:35	05/17/23 03:23	50
Methylene Chloride	<160		500	160	ug/Kg	☼	05/04/23 11:35	05/17/23 03:23	50
Naphthalene	<33		100	33	ug/Kg	☼	05/04/23 11:35	05/17/23 03:23	50
n-Butylbenzene	<39		100	39	ug/Kg	☼	05/04/23 11:35	05/17/23 03:23	50
N-Propylbenzene	<41		100	41	ug/Kg	☼	05/04/23 11:35	05/17/23 03:23	50
p-Isopropyltoluene	<36		100	36	ug/Kg	☼	05/04/23 11:35	05/17/23 03:23	50

Client: Stantec Consulting Corp.
Project/Site: 333 Reed Avenue Soil Char - 193709261

Job ID: 500-233489-1

Client Sample ID: DUP
Date Collected: 05/04/23 11:35
Date Received: 05/09/23 08:29

Lab Sample ID: 500-233489-26
Matrix: Solid
Percent Solids: 87.0

Method: SW846 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
sec-Butylbenzene	<40		100	40	ug/Kg	☼	05/04/23 11:35	05/17/23 03:23	50
Styrene	<39		100	39	ug/Kg	☼	05/04/23 11:35	05/17/23 03:23	50
tert-Butylbenzene	<40		100	40	ug/Kg	☼	05/04/23 11:35	05/17/23 03:23	50
Tetrachloroethene	<37		100	37	ug/Kg	☼	05/04/23 11:35	05/17/23 03:23	50
Toluene	<15		25	15	ug/Kg	☼	05/04/23 11:35	05/17/23 03:23	50
trans-1,2-Dichloroethene	<35		100	35	ug/Kg	☼	05/04/23 11:35	05/17/23 03:23	50
trans-1,3-Dichloropropene	<36		100	36	ug/Kg	☼	05/04/23 11:35	05/17/23 03:23	50
Trichloroethene	<16		50	16	ug/Kg	☼	05/04/23 11:35	05/17/23 03:23	50
Trichlorofluoromethane	<43		100	43	ug/Kg	☼	05/04/23 11:35	05/17/23 03:23	50
Vinyl chloride	<26		100	26	ug/Kg	☼	05/04/23 11:35	05/17/23 03:23	50
Xylenes, Total	<22		50	22	ug/Kg	☼	05/04/23 11:35	05/17/23 03:23	50

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*103*		*75 - 126*	*05/04/23 11:35*	*05/17/23 03:23*	*50*
4-Bromofluorobenzene (Surr)	*110*		*72 - 124*	*05/04/23 11:35*	*05/17/23 03:23*	*50*
Dibromofluoromethane (Surr)	*96*		*75 - 120*	*05/04/23 11:35*	*05/17/23 03:23*	*50*
Toluene-d8 (Surr)	*109*		*75 - 120*	*05/04/23 11:35*	*05/17/23 03:23*	*50*

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	<8.8		72	8.8	ug/Kg	☼	05/10/23 07:13	05/12/23 17:52	1
2-Methylnaphthalene	<6.6		72	6.6	ug/Kg	☼	05/10/23 07:13	05/12/23 17:52	1
Acenaphthene	<6.5		36	6.5	ug/Kg	☼	05/10/23 07:13	05/12/23 17:52	1
Acenaphthylene	<4.7		36	4.7	ug/Kg	☼	05/10/23 07:13	05/12/23 17:52	1
Anthracene	<6.0		36	6.0	ug/Kg	☼	05/10/23 07:13	05/12/23 17:52	1
Benzo[a]anthracene	<4.8		36	4.8	ug/Kg	☼	05/10/23 07:13	05/12/23 17:52	1
Benzo[a]pyrene	<7.0		36	7.0	ug/Kg	☼	05/10/23 07:13	05/12/23 17:52	1
Benzo[b]fluoranthene	<7.8		36	7.8	ug/Kg	☼	05/10/23 07:13	05/12/23 17:52	1
Benzo[g,h,i]perylene	<12		36	12	ug/Kg	☼	05/10/23 07:13	05/12/23 17:52	1
Benzo[k]fluoranthene	<11		36	11	ug/Kg	☼	05/10/23 07:13	05/12/23 17:52	1
Chrysene	<9.8		36	9.8	ug/Kg	☼	05/10/23 07:13	05/12/23 17:52	1
Dibenz(a,h)anthracene	<6.9		36	6.9	ug/Kg	☼	05/10/23 07:13	05/12/23 17:52	1
Fluoranthene	<6.7		36	6.7	ug/Kg	☼	05/10/23 07:13	05/12/23 17:52	1
Fluorene	<5.1		36	5.1	ug/Kg	☼	05/10/23 07:13	05/12/23 17:52	1
Indeno[1,2,3-cd]pyrene	<9.3		36	9.3	ug/Kg	☼	05/10/23 07:13	05/12/23 17:52	1
Naphthalene	<5.5		36	5.5	ug/Kg	☼	05/10/23 07:13	05/12/23 17:52	1
Phenanthrene	<5.0		36	5.0	ug/Kg	☼	05/10/23 07:13	05/12/23 17:52	1
Pyrene	<7.1		36	7.1	ug/Kg	☼	05/10/23 07:13	05/12/23 17:52	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Nitrobenzene-d5 (Surr)	*70*		*37 - 147*	*05/10/23 07:13*	*05/12/23 17:52*	*1*
2-Fluorobiphenyl (Surr)	*83*		*43 - 145*	*05/10/23 07:13*	*05/12/23 17:52*	*1*
Terphenyl-d14 (Surr)	*90*		*42 - 157*	*05/10/23 07:13*	*05/12/23 17:52*	*1*

Method: SW846 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	**0.91**	**J**	1.0	0.35	mg/Kg	☼	05/10/23 16:04	05/17/23 16:06	1
Barium	**6.1**		1.0	0.12	mg/Kg	☼	05/10/23 16:04	05/17/23 16:06	1
Cadmium	**0.081**	**J**	0.21	0.037	mg/Kg	☼	05/10/23 16:04	05/17/23 16:06	1
Chromium	**3.4**		1.0	0.51	mg/Kg	☼	05/10/23 16:04	05/17/23 16:06	1

Client: Stantec Consulting Corp.
Project/Site: 333 Reed Avenue Soil Char - 193709261

Job ID: 500-233489-1

Client Sample ID: DUP
Date Collected: 05/04/23 11:35
Date Received: 05/09/23 08:29

Lab Sample ID: 500-233489-26
Matrix: Solid
Percent Solids: 87.0

Method: SW846 6010C - Metals (ICP) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	**1.3**		0.51	0.24	mg/Kg	☼	05/10/23 16:04	05/17/23 16:06	1
Selenium	<0.60		1.0	0.60	mg/Kg	☼	05/10/23 16:04	05/17/23 16:06	1
Silver	<0.13		0.51	0.13	mg/Kg	☼	05/10/23 16:04	05/17/23 16:06	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.0097		0.018	0.0097	mg/Kg	☼	05/12/23 14:55	05/15/23 08:52	1

Client: Stantec Consulting Corp.
Project/Site: 333 Reed Avenue Soil Char - 193709261

Job ID: 500-233489-1

Client Sample ID: SB-43 (0.75-1.5)
Date Collected: 05/04/23 10:50
Date Received: 05/09/23 08:29

Lab Sample ID: 500-233489-27
Matrix: Solid
Percent Solids: 81.3

Method: SW846 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<59		130	59	ug/Kg	☼	05/04/23 10:50	05/17/23 03:46	50
1,1,1-Trichloroethane	<49		130	49	ug/Kg	☼	05/04/23 10:50	05/17/23 03:46	50
1,1,2,2-Tetrachloroethane	<51		130	51	ug/Kg	☼	05/04/23 10:50	05/17/23 03:46	50
1,1,2-Trichloroethane	<45		130	45	ug/Kg	☼	05/04/23 10:50	05/17/23 03:46	50
1,1-Dichloroethane	<53		130	53	ug/Kg	☼	05/04/23 10:50	05/17/23 03:46	50
1,1-Dichloroethene	<50		130	50	ug/Kg	☼	05/04/23 10:50	05/17/23 03:46	50
1,1-Dichloropropene	<38		130	38	ug/Kg	☼	05/04/23 10:50	05/17/23 03:46	50
1,2,3-Trichlorobenzene	<59		130	59	ug/Kg	☼	05/04/23 10:50	05/17/23 03:46	50
1,2,3-Trichloropropane	<53		260	53	ug/Kg	☼	05/04/23 10:50	05/17/23 03:46	50
1,2,4-Trichlorobenzene	<44		130	44	ug/Kg	☼	05/04/23 10:50	05/17/23 03:46	50
1,2,4-Trimethylbenzene	<46		130	46	ug/Kg	☼	05/04/23 10:50	05/17/23 03:46	50
1,2-Dibromo-3-Chloropropane	<260		640	260	ug/Kg	☼	05/04/23 10:50	05/17/23 03:46	50
1,2-Dibromoethane	<50		130	50	ug/Kg	☼	05/04/23 10:50	05/17/23 03:46	50
1,2-Dichlorobenzene	<43		130	43	ug/Kg	☼	05/04/23 10:50	05/17/23 03:46	50
1,2-Dichloroethane	<50		130	50	ug/Kg	☼	05/04/23 10:50	05/17/23 03:46	50
1,2-Dichloropropane	<55		130	55	ug/Kg	☼	05/04/23 10:50	05/17/23 03:46	50
1,3,5-Trimethylbenzene	<49		130	49	ug/Kg	☼	05/04/23 10:50	05/17/23 03:46	50
1,3-Dichlorobenzene	<51		130	51	ug/Kg	☼	05/04/23 10:50	05/17/23 03:46	50
1,3-Dichloropropane	<46		130	46	ug/Kg	☼	05/04/23 10:50	05/17/23 03:46	50
1,4-Dichlorobenzene	<47		130	47	ug/Kg	☼	05/04/23 10:50	05/17/23 03:46	50
2,2-Dichloropropane	<57		130	57	ug/Kg	☼	05/04/23 10:50	05/17/23 03:46	50
2-Chlorotoluene	<40		130	40	ug/Kg	☼	05/04/23 10:50	05/17/23 03:46	50
4-Chlorotoluene	<45		130	45	ug/Kg	☼	05/04/23 10:50	05/17/23 03:46	50
Benzene	<19		32	19	ug/Kg	☼	05/04/23 10:50	05/17/23 03:46	50
Bromobenzene	<46		130	46	ug/Kg	☼	05/04/23 10:50	05/17/23 03:46	50
Bromochloromethane	<55		130	55	ug/Kg	☼	05/04/23 10:50	05/17/23 03:46	50
Dichlorobromomethane	<48		130	48	ug/Kg	☼	05/04/23 10:50	05/17/23 03:46	50
Bromoform	<62		130	62	ug/Kg	☼	05/04/23 10:50	05/17/23 03:46	50
Bromomethane	<100		390	100	ug/Kg	☼	05/04/23 10:50	05/17/23 03:46	50
Carbon tetrachloride	<49		130	49	ug/Kg	☼	05/04/23 10:50	05/17/23 03:46	50
Chlorobenzene	<50		130	50	ug/Kg	☼	05/04/23 10:50	05/17/23 03:46	50
Chloroethane	<65		130	65	ug/Kg	☼	05/04/23 10:50	05/17/23 03:46	50
Chloroform	<48		260	48	ug/Kg	☼	05/04/23 10:50	05/17/23 03:46	50
Chloromethane	<41		130	41	ug/Kg	☼	05/04/23 10:50	05/17/23 03:46	50
cis-1,2-Dichloroethene	<52		130	52	ug/Kg	☼	05/04/23 10:50	05/17/23 03:46	50
cis-1,3-Dichloropropene	<53		130	53	ug/Kg	☼	05/04/23 10:50	05/17/23 03:46	50
Dibromochloromethane	<63		130	63	ug/Kg	☼	05/04/23 10:50	05/17/23 03:46	50
Dibromomethane	<35		130	35	ug/Kg	☼	05/04/23 10:50	05/17/23 03:46	50
Dichlorodifluoromethane	<87		390	87	ug/Kg	☼	05/04/23 10:50	05/17/23 03:46	50
Ethylbenzene	<23		32	23	ug/Kg	☼	05/04/23 10:50	05/17/23 03:46	50
Hexachlorobutadiene	<57		130	57	ug/Kg	☼	05/04/23 10:50	05/17/23 03:46	50
Isopropyl ether	<35		130	35	ug/Kg	☼	05/04/23 10:50	05/17/23 03:46	50
Isopropylbenzene	<49		130	49	ug/Kg	☼	05/04/23 10:50	05/17/23 03:46	50
Methyl tert-butyl ether	<51		130	51	ug/Kg	☼	05/04/23 10:50	05/17/23 03:46	50
Methylene Chloride	<210		640	210	ug/Kg	☼	05/04/23 10:50	05/17/23 03:46	50
Naphthalene	<43		130	43	ug/Kg	☼	05/04/23 10:50	05/17/23 03:46	50
n-Butylbenzene	<50		130	50	ug/Kg	☼	05/04/23 10:50	05/17/23 03:46	50
N-Propylbenzene	<53		130	53	ug/Kg	☼	05/04/23 10:50	05/17/23 03:46	50
p-Isopropyltoluene	<46		130	46	ug/Kg	☼	05/04/23 10:50	05/17/23 03:46	50

Client: Stantec Consulting Corp.
Project/Site: 333 Reed Avenue Soil Char - 193709261

Job ID: 500-233489-1

Client Sample ID: SB-43 (0.75-1.5)

Date Collected: 05/04/23 10:50
Date Received: 05/09/23 08:29

Lab Sample ID: 500-233489-27

Matrix: Solid
Percent Solids: 81.3

Method: SW846 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
sec-Butylbenzene	<51		130	51	ug/Kg	☼	05/04/23 10:50	05/17/23 03:46	50
Styrene	<50		130	50	ug/Kg	☼	05/04/23 10:50	05/17/23 03:46	50
tert-Butylbenzene	<51		130	51	ug/Kg	☼	05/04/23 10:50	05/17/23 03:46	50
Tetrachloroethene	<48		130	48	ug/Kg	☼	05/04/23 10:50	05/17/23 03:46	50
Toluene	<19		32	19	ug/Kg	☼	05/04/23 10:50	05/17/23 03:46	50
trans-1,2-Dichloroethene	<45		130	45	ug/Kg	☼	05/04/23 10:50	05/17/23 03:46	50
trans-1,3-Dichloropropene	<46		130	46	ug/Kg	☼	05/04/23 10:50	05/17/23 03:46	50
Trichloroethene	<21		64	21	ug/Kg	☼	05/04/23 10:50	05/17/23 03:46	50
Trichlorofluoromethane	<55		130	55	ug/Kg	☼	05/04/23 10:50	05/17/23 03:46	50
Vinyl chloride	<34		130	34	ug/Kg	☼	05/04/23 10:50	05/17/23 03:46	50
Xylenes, Total	<28		64	28	ug/Kg	☼	05/04/23 10:50	05/17/23 03:46	50

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*102*		*75 - 126*	*05/04/23 10:50*	*05/17/23 03:46*	*50*
4-Bromofluorobenzene (Surr)	*107*		*72 - 124*	*05/04/23 10:50*	*05/17/23 03:46*	*50*
Dibromofluoromethane (Surr)	*94*		*75 - 120*	*05/04/23 10:50*	*05/17/23 03:46*	*50*
Toluene-d8 (Surr)	*110*		*75 - 120*	*05/04/23 10:50*	*05/17/23 03:46*	*50*

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	<9.6		79	9.6	ug/Kg	☼	05/10/23 07:13	05/12/23 18:13	1
2-Methylnaphthalene	<7.2		79	7.2	ug/Kg	☼	05/10/23 07:13	05/12/23 18:13	1
Acenaphthene	<7.0		39	7.0	ug/Kg	☼	05/10/23 07:13	05/12/23 18:13	1
Acenaphthylene	<5.2		39	5.2	ug/Kg	☼	05/10/23 07:13	05/12/23 18:13	1
Anthracene	<6.6		39	6.6	ug/Kg	☼	05/10/23 07:13	05/12/23 18:13	1
Benzo[a]anthracene	**10**	**J**	39	5.3	ug/Kg	☼	05/10/23 07:13	05/12/23 18:13	1
Benzo[a]pyrene	<7.6		39	7.6	ug/Kg	☼	05/10/23 07:13	05/12/23 18:13	1
Benzo[b]fluoranthene	<8.5		39	8.5	ug/Kg	☼	05/10/23 07:13	05/12/23 18:13	1
Benzo[g,h,i]perylene	<13		39	13	ug/Kg	☼	05/10/23 07:13	05/12/23 18:13	1
Benzo[k]fluoranthene	<12		39	12	ug/Kg	☼	05/10/23 07:13	05/12/23 18:13	1
Chrysene	<11		39	11	ug/Kg	☼	05/10/23 07:13	05/12/23 18:13	1
Dibenz(a,h)anthracene	<7.6		39	7.6	ug/Kg	☼	05/10/23 07:13	05/12/23 18:13	1
Fluoranthene	<7.3		39	7.3	ug/Kg	☼	05/10/23 07:13	05/12/23 18:13	1
Fluorene	<5.5		39	5.5	ug/Kg	☼	05/10/23 07:13	05/12/23 18:13	1
Indeno[1,2,3-cd]pyrene	**11**	**J**	39	10	ug/Kg	☼	05/10/23 07:13	05/12/23 18:13	1
Naphthalene	<6.0		39	6.0	ug/Kg	☼	05/10/23 07:13	05/12/23 18:13	1
Phenanthrene	<5.5		39	5.5	ug/Kg	☼	05/10/23 07:13	05/12/23 18:13	1
Pyrene	<7.8		39	7.8	ug/Kg	☼	05/10/23 07:13	05/12/23 18:13	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Nitrobenzene-d5 (Surr)	*72*		*37 - 147*	*05/10/23 07:13*	*05/12/23 18:13*	*1*
2-Fluorobiphenyl (Surr)	*79*		*43 - 145*	*05/10/23 07:13*	*05/12/23 18:13*	*1*
Terphenyl-d14 (Surr)	*101*		*42 - 157*	*05/10/23 07:13*	*05/12/23 18:13*	*1*

Method: SW846 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	**3.0**		1.1	0.38	mg/Kg	☼	05/10/23 16:04	05/17/23 16:10	1
Barium	**47**		1.1	0.13	mg/Kg	☼	05/10/23 16:04	05/17/23 16:10	1
Cadmium	**0.099**	**J**	0.22	0.039	mg/Kg	☼	05/10/23 16:04	05/17/23 16:10	1
Chromium	**19**		1.1	0.54	mg/Kg	☼	05/10/23 16:04	05/17/23 16:10	1

Client: Stantec Consulting Corp.
Project/Site: 333 Reed Avenue Soil Char - 193709261

Job ID: 500-233489-1

Client Sample ID: SB-43 (0.75-1.5)
Date Collected: 05/04/23 10:50
Date Received: 05/09/23 08:29

Lab Sample ID: 500-233489-27
Matrix: Solid
Percent Solids: 81.3

Method: SW846 6010C - Metals (ICP) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	**6.5**		0.55	0.25	mg/Kg	☼	05/10/23 16:04	05/17/23 16:10	1
Selenium	<0.64		1.1	0.64	mg/Kg	☼	05/10/23 16:04	05/17/23 16:10	1
Silver	**0.36**	**J**	0.55	0.14	mg/Kg	☼	05/10/23 16:04	05/17/23 16:10	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**0.028**		0.020	0.010	mg/Kg	☼	05/12/23 14:55	05/15/23 08:54	1

Client: Stantec Consulting Corp.
Project/Site: 333 Reed Avenue Soil Char - 193709261

Job ID: 500-233489-1

Client Sample ID: SB-45 (0.5-1.5)
Date Collected: 05/05/23 12:15
Date Received: 05/09/23 08:29

Lab Sample ID: 500-233489-28
Matrix: Solid
Percent Solids: 84.4

Method: SW846 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<41		88	41	ug/Kg	☼	05/05/23 12:15	05/17/23 04:09	50
1,1,1-Trichloroethane	<33		88	33	ug/Kg	☼	05/05/23 12:15	05/17/23 04:09	50
1,1,2,2-Tetrachloroethane	<35		88	35	ug/Kg	☼	05/05/23 12:15	05/17/23 04:09	50
1,1,2-Trichloroethane	<31		88	31	ug/Kg	☼	05/05/23 12:15	05/17/23 04:09	50
1,1-Dichloroethane	<36		88	36	ug/Kg	☼	05/05/23 12:15	05/17/23 04:09	50
1,1-Dichloroethene	<34		88	34	ug/Kg	☼	05/05/23 12:15	05/17/23 04:09	50
1,1-Dichloropropene	<26		88	26	ug/Kg	☼	05/05/23 12:15	05/17/23 04:09	50
1,2,3-Trichlorobenzene	**63**	**J B**	88	40	ug/Kg	☼	05/05/23 12:15	05/17/23 04:09	50
1,2,3-Trichloropropane	<36		180	36	ug/Kg	☼	05/05/23 12:15	05/17/23 04:09	50
1,2,4-Trichlorobenzene	**56**	**J B**	88	30	ug/Kg	☼	05/05/23 12:15	05/17/23 04:09	50
1,2,4-Trimethylbenzene	<31		88	31	ug/Kg	☼	05/05/23 12:15	05/17/23 04:09	50
1,2-Dibromo-3-Chloropropane	<170		440	170	ug/Kg	☼	05/05/23 12:15	05/17/23 04:09	50
1,2-Dibromoethane	<34		88	34	ug/Kg	☼	05/05/23 12:15	05/17/23 04:09	50
1,2-Dichlorobenzene	<29		88	29	ug/Kg	☼	05/05/23 12:15	05/17/23 04:09	50
1,2-Dichloroethane	<34		88	34	ug/Kg	☼	05/05/23 12:15	05/17/23 04:09	50
1,2-Dichloropropane	<38		88	38	ug/Kg	☼	05/05/23 12:15	05/17/23 04:09	50
1,3,5-Trimethylbenzene	<33		88	33	ug/Kg	☼	05/05/23 12:15	05/17/23 04:09	50
1,3-Dichlorobenzene	<35		88	35	ug/Kg	☼	05/05/23 12:15	05/17/23 04:09	50
1,3-Dichloropropane	<32		88	32	ug/Kg	☼	05/05/23 12:15	05/17/23 04:09	50
1,4-Dichlorobenzene	<32		88	32	ug/Kg	☼	05/05/23 12:15	05/17/23 04:09	50
2,2-Dichloropropane	<39		88	39	ug/Kg	☼	05/05/23 12:15	05/17/23 04:09	50
2-Chlorotoluene	<28		88	28	ug/Kg	☼	05/05/23 12:15	05/17/23 04:09	50
4-Chlorotoluene	<31		88	31	ug/Kg	☼	05/05/23 12:15	05/17/23 04:09	50
Benzene	<13		22	13	ug/Kg	☼	05/05/23 12:15	05/17/23 04:09	50
Bromobenzene	<31		88	31	ug/Kg	☼	05/05/23 12:15	05/17/23 04:09	50
Bromochloromethane	<38		88	38	ug/Kg	☼	05/05/23 12:15	05/17/23 04:09	50
Dichlorobromomethane	<33		88	33	ug/Kg	☼	05/05/23 12:15	05/17/23 04:09	50
Bromoform	<43		88	43	ug/Kg	☼	05/05/23 12:15	05/17/23 04:09	50
Bromomethane	<70		260	70	ug/Kg	☼	05/05/23 12:15	05/17/23 04:09	50
Carbon tetrachloride	<34		88	34	ug/Kg	☼	05/05/23 12:15	05/17/23 04:09	50
Chlorobenzene	<34		88	34	ug/Kg	☼	05/05/23 12:15	05/17/23 04:09	50
Chloroethane	<44		88	44	ug/Kg	☼	05/05/23 12:15	05/17/23 04:09	50
Chloroform	<33		180	33	ug/Kg	☼	05/05/23 12:15	05/17/23 04:09	50
Chloromethane	<28		88	28	ug/Kg	☼	05/05/23 12:15	05/17/23 04:09	50
cis-1,2-Dichloroethene	<36		88	36	ug/Kg	☼	05/05/23 12:15	05/17/23 04:09	50
cis-1,3-Dichloropropene	<37		88	37	ug/Kg	☼	05/05/23 12:15	05/17/23 04:09	50
Dibromochloromethane	<43		88	43	ug/Kg	☼	05/05/23 12:15	05/17/23 04:09	50
Dibromomethane	<24		88	24	ug/Kg	☼	05/05/23 12:15	05/17/23 04:09	50
Dichlorodifluoromethane	<59		260	59	ug/Kg	☼	05/05/23 12:15	05/17/23 04:09	50
Ethylbenzene	<16		22	16	ug/Kg	☼	05/05/23 12:15	05/17/23 04:09	50
Hexachlorobutadiene	<39		88	39	ug/Kg	☼	05/05/23 12:15	05/17/23 04:09	50
Isopropyl ether	<24		88	24	ug/Kg	☼	05/05/23 12:15	05/17/23 04:09	50
Isopropylbenzene	<34		88	34	ug/Kg	☼	05/05/23 12:15	05/17/23 04:09	50
Methyl tert-butyl ether	<35		88	35	ug/Kg	☼	05/05/23 12:15	05/17/23 04:09	50
Methylene Chloride	<140		440	140	ug/Kg	☼	05/05/23 12:15	05/17/23 04:09	50
Naphthalene	**31**	**J B**	88	29	ug/Kg	☼	05/05/23 12:15	05/17/23 04:09	50
n-Butylbenzene	<34		88	34	ug/Kg	☼	05/05/23 12:15	05/17/23 04:09	50
N-Propylbenzene	<36		88	36	ug/Kg	☼	05/05/23 12:15	05/17/23 04:09	50
p-Isopropyltoluene	<32		88	32	ug/Kg	☼	05/05/23 12:15	05/17/23 04:09	50

Client: Stantec Consulting Corp.
Project/Site: 333 Reed Avenue Soil Char - 193709261

Job ID: 500-233489-1

Client Sample ID: SB-45 (0.5-1.5)

Date Collected: 05/05/23 12:15
Date Received: 05/09/23 08:29

Lab Sample ID: 500-233489-28

Matrix: Solid
Percent Solids: 84.4

Method: SW846 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
sec-Butylbenzene	<35		88	35	ug/Kg	☼	05/05/23 12:15	05/17/23 04:09	50
Styrene	<34		88	34	ug/Kg	☼	05/05/23 12:15	05/17/23 04:09	50
tert-Butylbenzene	<35		88	35	ug/Kg	☼	05/05/23 12:15	05/17/23 04:09	50
Tetrachloroethene	<33		88	33	ug/Kg	☼	05/05/23 12:15	05/17/23 04:09	50
Toluene	<13		22	13	ug/Kg	☼	05/05/23 12:15	05/17/23 04:09	50
trans-1,2-Dichloroethene	<31		88	31	ug/Kg	☼	05/05/23 12:15	05/17/23 04:09	50
trans-1,3-Dichloropropene	<32		88	32	ug/Kg	☼	05/05/23 12:15	05/17/23 04:09	50
Trichloroethene	<14		44	14	ug/Kg	☼	05/05/23 12:15	05/17/23 04:09	50
Trichlorofluoromethane	<38		88	38	ug/Kg	☼	05/05/23 12:15	05/17/23 04:09	50
Vinyl chloride	<23		88	23	ug/Kg	☼	05/05/23 12:15	05/17/23 04:09	50
Xylenes, Total	<19		44	19	ug/Kg	☼	05/05/23 12:15	05/17/23 04:09	50

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*99*		*75 - 126*	*05/05/23 12:15*	*05/17/23 04:09*	*50*
4-Bromofluorobenzene (Surr)	*118*		*72 - 124*	*05/05/23 12:15*	*05/17/23 04:09*	*50*
Dibromofluoromethane (Surr)	*93*		*75 - 120*	*05/05/23 12:15*	*05/17/23 04:09*	*50*
Toluene-d8 (Surr)	*111*		*75 - 120*	*05/05/23 12:15*	*05/17/23 04:09*	*50*

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	<9.4		77	9.4	ug/Kg	☼	05/10/23 07:13	05/12/23 18:35	1
2-Methylnaphthalene	<7.1		77	7.1	ug/Kg	☼	05/10/23 07:13	05/12/23 18:35	1
Acenaphthene	<6.9		38	6.9	ug/Kg	☼	05/10/23 07:13	05/12/23 18:35	1
Acenaphthylene	<5.1		38	5.1	ug/Kg	☼	05/10/23 07:13	05/12/23 18:35	1
Anthracene	<6.4		38	6.4	ug/Kg	☼	05/10/23 07:13	05/12/23 18:35	1
Benzo[a]anthracene	<5.2		38	5.2	ug/Kg	☼	05/10/23 07:13	05/12/23 18:35	1
Benzo[a]pyrene	<7.4		38	7.4	ug/Kg	☼	05/10/23 07:13	05/12/23 18:35	1
Benzo[b]fluoranthene	<8.3		38	8.3	ug/Kg	☼	05/10/23 07:13	05/12/23 18:35	1
Benzo[g,h,i]perylene	<12		38	12	ug/Kg	☼	05/10/23 07:13	05/12/23 18:35	1
Benzo[k]fluoranthene	<11		38	11	ug/Kg	☼	05/10/23 07:13	05/12/23 18:35	1
Chrysene	<10		38	10	ug/Kg	☼	05/10/23 07:13	05/12/23 18:35	1
Dibenz(a,h)anthracene	<7.4		38	7.4	ug/Kg	☼	05/10/23 07:13	05/12/23 18:35	1
Fluoranthene	<7.1		38	7.1	ug/Kg	☼	05/10/23 07:13	05/12/23 18:35	1
Fluorene	<5.4		38	5.4	ug/Kg	☼	05/10/23 07:13	05/12/23 18:35	1
Indeno[1,2,3-cd]pyrene	<9.9		38	9.9	ug/Kg	☼	05/10/23 07:13	05/12/23 18:35	1
Naphthalene	<5.9		38	5.9	ug/Kg	☼	05/10/23 07:13	05/12/23 18:35	1
Phenanthrene	<5.3		38	5.3	ug/Kg	☼	05/10/23 07:13	05/12/23 18:35	1
Pyrene	<7.6		38	7.6	ug/Kg	☼	05/10/23 07:13	05/12/23 18:35	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Nitrobenzene-d5 (Surr)	*66*		*37 - 147*	*05/10/23 07:13*	*05/12/23 18:35*	*1*
2-Fluorobiphenyl (Surr)	*75*		*43 - 145*	*05/10/23 07:13*	*05/12/23 18:35*	*1*
Terphenyl-d14 (Surr)	*99*		*42 - 157*	*05/10/23 07:13*	*05/12/23 18:35*	*1*

Method: SW846 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	**3.1**		1.1	0.39	mg/Kg	☼	05/10/23 16:04	05/17/23 16:13	1
Barium	**50**		1.1	0.13	mg/Kg	☼	05/10/23 16:04	05/17/23 16:13	1
Cadmium	**0.10**	**J**	0.23	0.041	mg/Kg	☼	05/10/23 16:04	05/17/23 16:13	1
Chromium	**18**		1.1	0.56	mg/Kg	☼	05/10/23 16:04	05/17/23 16:13	1

Client: Stantec Consulting Corp.
Project/Site: 333 Reed Avenue Soil Char - 193709261

Job ID: 500-233489-1

Client Sample ID: SB-45 (0.5-1.5)
Date Collected: 05/05/23 12:15
Date Received: 05/09/23 08:29

Lab Sample ID: 500-233489-28
Matrix: Solid
Percent Solids: 84.4

Method: SW846 6010C - Metals (ICP) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	**5.3**		0.56	0.26	mg/Kg	☼	05/10/23 16:04	05/17/23 16:13	1
Selenium	<0.66		1.1	0.66	mg/Kg	☼	05/10/23 16:04	05/17/23 16:13	1
Silver	**0.28**	**J**	0.56	0.15	mg/Kg	☼	05/10/23 16:04	05/17/23 16:13	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.0094		0.018	0.0094	mg/Kg	☼	05/12/23 14:55	05/15/23 08:56	1

Client: Stantec Consulting Corp.
Project/Site: 333 Reed Avenue Soil Char - 193709261

Job ID: 500-233489-1

Client Sample ID: SB-31 (0.5-1.5)
Date Collected: 05/04/23 10:40
Date Received: 05/09/23 08:29

Lab Sample ID: 500-233489-29
Matrix: Solid
Percent Solids: 80.5

Method: SW846 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<46		100	46	ug/Kg	☼	05/04/23 10:40	05/17/23 04:31	50
1,1,1-Trichloroethane	<38		100	38	ug/Kg	☼	05/04/23 10:40	05/17/23 04:31	50
1,1,2,2-Tetrachloroethane	<40		100	40	ug/Kg	☼	05/04/23 10:40	05/17/23 04:31	50
1,1,2-Trichloroethane	<35		100	35	ug/Kg	☼	05/04/23 10:40	05/17/23 04:31	50
1,1-Dichloroethane	<41		100	41	ug/Kg	☼	05/04/23 10:40	05/17/23 04:31	50
1,1-Dichloroethene	<39		100	39	ug/Kg	☼	05/04/23 10:40	05/17/23 04:31	50
1,1-Dichloropropene	<30		100	30	ug/Kg	☼	05/04/23 10:40	05/17/23 04:31	50
1,2,3-Trichlorobenzene	<46		100	46	ug/Kg	☼	05/04/23 10:40	05/17/23 04:31	50
1,2,3-Trichloropropane	<41		200	41	ug/Kg	☼	05/04/23 10:40	05/17/23 04:31	50
1,2,4-Trichlorobenzene	<34		100	34	ug/Kg	☼	05/04/23 10:40	05/17/23 04:31	50
1,2,4-Trimethylbenzene	<36		100	36	ug/Kg	☼	05/04/23 10:40	05/17/23 04:31	50
1,2-Dibromo-3-Chloropropane	<200		500	200	ug/Kg	☼	05/04/23 10:40	05/17/23 04:31	50
1,2-Dibromoethane	<38		100	38	ug/Kg	☼	05/04/23 10:40	05/17/23 04:31	50
1,2-Dichlorobenzene	<33		100	33	ug/Kg	☼	05/04/23 10:40	05/17/23 04:31	50
1,2-Dichloroethane	<39		100	39	ug/Kg	☼	05/04/23 10:40	05/17/23 04:31	50
1,2-Dichloropropane	<43		100	43	ug/Kg	☼	05/04/23 10:40	05/17/23 04:31	50
1,3,5-Trimethylbenzene	<38		100	38	ug/Kg	☼	05/04/23 10:40	05/17/23 04:31	50
1,3-Dichlorobenzene	<40		100	40	ug/Kg	☼	05/04/23 10:40	05/17/23 04:31	50
1,3-Dichloropropane	<36		100	36	ug/Kg	☼	05/04/23 10:40	05/17/23 04:31	50
1,4-Dichlorobenzene	<36		100	36	ug/Kg	☼	05/04/23 10:40	05/17/23 04:31	50
2,2-Dichloropropane	<44		100	44	ug/Kg	☼	05/04/23 10:40	05/17/23 04:31	50
2-Chlorotoluene	<31		100	31	ug/Kg	☼	05/04/23 10:40	05/17/23 04:31	50
4-Chlorotoluene	<35		100	35	ug/Kg	☼	05/04/23 10:40	05/17/23 04:31	50
Benzene	<15		25	15	ug/Kg	☼	05/04/23 10:40	05/17/23 04:31	50
Bromobenzene	<35		100	35	ug/Kg	☼	05/04/23 10:40	05/17/23 04:31	50
Bromochloromethane	<43		100	43	ug/Kg	☼	05/04/23 10:40	05/17/23 04:31	50
Dichlorobromomethane	<37		100	37	ug/Kg	☼	05/04/23 10:40	05/17/23 04:31	50
Bromoform	<48		100	48	ug/Kg	☼	05/04/23 10:40	05/17/23 04:31	50
Bromomethane	<79		300	79	ug/Kg	☼	05/04/23 10:40	05/17/23 04:31	50
Carbon tetrachloride	<38		100	38	ug/Kg	☼	05/04/23 10:40	05/17/23 04:31	50
Chlorobenzene	<38		100	38	ug/Kg	☼	05/04/23 10:40	05/17/23 04:31	50
Chloroethane	<50		100	50	ug/Kg	☼	05/04/23 10:40	05/17/23 04:31	50
Chloroform	<37		200	37	ug/Kg	☼	05/04/23 10:40	05/17/23 04:31	50
Chloromethane	<32		100	32	ug/Kg	☼	05/04/23 10:40	05/17/23 04:31	50
cis-1,2-Dichloroethene	<41		100	41	ug/Kg	☼	05/04/23 10:40	05/17/23 04:31	50
cis-1,3-Dichloropropene	<41		100	41	ug/Kg	☼	05/04/23 10:40	05/17/23 04:31	50
Dibromochloromethane	<49		100	49	ug/Kg	☼	05/04/23 10:40	05/17/23 04:31	50
Dibromomethane	<27		100	27	ug/Kg	☼	05/04/23 10:40	05/17/23 04:31	50
Dichlorodifluoromethane	<67		300	67	ug/Kg	☼	05/04/23 10:40	05/17/23 04:31	50
Ethylbenzene	<18		25	18	ug/Kg	☼	05/04/23 10:40	05/17/23 04:31	50
Hexachlorobutadiene	<44		100	44	ug/Kg	☼	05/04/23 10:40	05/17/23 04:31	50
Isopropyl ether	<28		100	28	ug/Kg	☼	05/04/23 10:40	05/17/23 04:31	50
Isopropylbenzene	<38		100	38	ug/Kg	☼	05/04/23 10:40	05/17/23 04:31	50
Methyl tert-butyl ether	<39		100	39	ug/Kg	☼	05/04/23 10:40	05/17/23 04:31	50
Methylene Chloride	<160		500	160	ug/Kg	☼	05/04/23 10:40	05/17/23 04:31	50
Naphthalene	<33		100	33	ug/Kg	☼	05/04/23 10:40	05/17/23 04:31	50
n-Butylbenzene	<39		100	39	ug/Kg	☼	05/04/23 10:40	05/17/23 04:31	50
N-Propylbenzene	<41		100	41	ug/Kg	☼	05/04/23 10:40	05/17/23 04:31	50
p-Isopropyltoluene	<36		100	36	ug/Kg	☼	05/04/23 10:40	05/17/23 04:31	50

Client: Stantec Consulting Corp.
Project/Site: 333 Reed Avenue Soil Char - 193709261

Job ID: 500-233489-1

Client Sample ID: SB-31 (0.5-1.5)

Date Collected: 05/04/23 10:40
Date Received: 05/09/23 08:29

Lab Sample ID: 500-233489-29

Matrix: Solid
Percent Solids: 80.5

Method: SW846 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
sec-Butylbenzene	<40		100	40	ug/Kg	☼	05/04/23 10:40	05/17/23 04:31	50
Styrene	<38		100	38	ug/Kg	☼	05/04/23 10:40	05/17/23 04:31	50
tert-Butylbenzene	<40		100	40	ug/Kg	☼	05/04/23 10:40	05/17/23 04:31	50
Tetrachloroethene	<37		100	37	ug/Kg	☼	05/04/23 10:40	05/17/23 04:31	50
Toluene	<15		25	15	ug/Kg	☼	05/04/23 10:40	05/17/23 04:31	50
trans-1,2-Dichloroethene	<35		100	35	ug/Kg	☼	05/04/23 10:40	05/17/23 04:31	50
trans-1,3-Dichloropropene	<36		100	36	ug/Kg	☼	05/04/23 10:40	05/17/23 04:31	50
Trichloroethene	<16		50	16	ug/Kg	☼	05/04/23 10:40	05/17/23 04:31	50
Trichlorofluoromethane	<43		100	43	ug/Kg	☼	05/04/23 10:40	05/17/23 04:31	50
Vinyl chloride	<26		100	26	ug/Kg	☼	05/04/23 10:40	05/17/23 04:31	50
Xylenes, Total	<22		50	22	ug/Kg	☼	05/04/23 10:40	05/17/23 04:31	50

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*100*		*75 - 126*	*05/04/23 10:40*	*05/17/23 04:31*	*50*
4-Bromofluorobenzene (Surr)	*109*		*72 - 124*	*05/04/23 10:40*	*05/17/23 04:31*	*50*
Dibromofluoromethane (Surr)	*94*		*75 - 120*	*05/04/23 10:40*	*05/17/23 04:31*	*50*
Toluene-d8 (Surr)	*111*		*75 - 120*	*05/04/23 10:40*	*05/17/23 04:31*	*50*

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	<9.7		80	9.7	ug/Kg	☼	05/10/23 07:13	05/12/23 18:56	1
2-Methylnaphthalene	<7.3		80	7.3	ug/Kg	☼	05/10/23 07:13	05/12/23 18:56	1
Acenaphthene	<7.1		40	7.1	ug/Kg	☼	05/10/23 07:13	05/12/23 18:56	1
Acenaphthylene	<5.2		40	5.2	ug/Kg	☼	05/10/23 07:13	05/12/23 18:56	1
Anthracene	<6.6		40	6.6	ug/Kg	☼	05/10/23 07:13	05/12/23 18:56	1
Benzo[a]anthracene	<5.4		40	5.4	ug/Kg	☼	05/10/23 07:13	05/12/23 18:56	1
Benzo[a]pyrene	<7.7		40	7.7	ug/Kg	☼	05/10/23 07:13	05/12/23 18:56	1
Benzo[b]fluoranthene	<8.6		40	8.6	ug/Kg	☼	05/10/23 07:13	05/12/23 18:56	1
Benzo[g,h,i]perylene	<13		40	13	ug/Kg	☼	05/10/23 07:13	05/12/23 18:56	1
Benzo[k]fluoranthene	<12		40	12	ug/Kg	☼	05/10/23 07:13	05/12/23 18:56	1
Chrysene	<11		40	11	ug/Kg	☼	05/10/23 07:13	05/12/23 18:56	1
Dibenz(a,h)anthracene	<7.7		40	7.7	ug/Kg	☼	05/10/23 07:13	05/12/23 18:56	1
Fluoranthene	<7.4		40	7.4	ug/Kg	☼	05/10/23 07:13	05/12/23 18:56	1
Fluorene	<5.6		40	5.6	ug/Kg	☼	05/10/23 07:13	05/12/23 18:56	1
Indeno[1,2,3-cd]pyrene	<10		40	10	ug/Kg	☼	05/10/23 07:13	05/12/23 18:56	1
Naphthalene	<6.1		40	6.1	ug/Kg	☼	05/10/23 07:13	05/12/23 18:56	1
Phenanthrene	<5.5		40	5.5	ug/Kg	☼	05/10/23 07:13	05/12/23 18:56	1
Pyrene	<7.9		40	7.9	ug/Kg	☼	05/10/23 07:13	05/12/23 18:56	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Nitrobenzene-d5 (Surr)	*63*		*37 - 147*	*05/10/23 07:13*	*05/12/23 18:56*	*1*
2-Fluorobiphenyl (Surr)	*71*		*43 - 145*	*05/10/23 07:13*	*05/12/23 18:56*	*1*
Terphenyl-d14 (Surr)	*89*		*42 - 157*	*05/10/23 07:13*	*05/12/23 18:56*	*1*

Method: SW846 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	**3.2**		1.2	0.40	mg/Kg	☼	05/10/23 16:04	05/17/23 16:17	1
Barium	**51**		1.2	0.13	mg/Kg	☼	05/10/23 16:04	05/17/23 16:17	1
Cadmium	**0.10**	**J**	0.24	0.043	mg/Kg	☼	05/10/23 16:04	05/17/23 16:17	1
Chromium	**16**		1.2	0.58	mg/Kg	☼	05/10/23 16:04	05/17/23 16:17	1

Client: Stantec Consulting Corp.
Project/Site: 333 Reed Avenue Soil Char - 193709261

Job ID: 500-233489-1

Client Sample ID: SB-31 (0.5-1.5)
Date Collected: 05/04/23 10:40
Date Received: 05/09/23 08:29

Lab Sample ID: 500-233489-29
Matrix: Solid
Percent Solids: 80.5

Method: SW846 6010C - Metals (ICP) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	**5.4**		0.59	0.27	mg/Kg	☼	05/10/23 16:04	05/17/23 16:17	1
Selenium	<0.69		1.2	0.69	mg/Kg	☼	05/10/23 16:04	05/17/23 16:17	1
Silver	**0.33**	**J**	0.59	0.15	mg/Kg	☼	05/10/23 16:04	05/17/23 16:17	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.011		0.020	0.011	mg/Kg	☼	05/12/23 14:55	05/15/23 08:58	1

Client: Stantec Consulting Corp.
Project/Site: 333 Reed Avenue Soil Char - 193709261

Job ID: 500-233489-1

Client Sample ID: SB-44 (0.75-1)
Date Collected: 05/04/23 11:00
Date Received: 05/09/23 08:29

Lab Sample ID: 500-233489-30
Matrix: Solid
Percent Solids: 84.7

Method: SW846 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<41		88	41	ug/Kg	☼	05/04/23 11:00	05/17/23 04:54	50
1,1,1-Trichloroethane	<34		88	34	ug/Kg	☼	05/04/23 11:00	05/17/23 04:54	50
1,1,2,2-Tetrachloroethane	<35		88	35	ug/Kg	☼	05/04/23 11:00	05/17/23 04:54	50
1,1,2-Trichloroethane	<31		88	31	ug/Kg	☼	05/04/23 11:00	05/17/23 04:54	50
1,1-Dichloroethane	<36		88	36	ug/Kg	☼	05/04/23 11:00	05/17/23 04:54	50
1,1-Dichloroethene	<34		88	34	ug/Kg	☼	05/04/23 11:00	05/17/23 04:54	50
1,1-Dichloropropene	<26		88	26	ug/Kg	☼	05/04/23 11:00	05/17/23 04:54	50
1,2,3-Trichlorobenzene	<40		88	40	ug/Kg	☼	05/04/23 11:00	05/17/23 04:54	50
1,2,3-Trichloropropane	<37		180	37	ug/Kg	☼	05/04/23 11:00	05/17/23 04:54	50
1,2,4-Trichlorobenzene	<30		88	30	ug/Kg	☼	05/04/23 11:00	05/17/23 04:54	50
1,2,4-Trimethylbenzene	<32		88	32	ug/Kg	☼	05/04/23 11:00	05/17/23 04:54	50
1,2-Dibromo-3-Chloropropane	<180		440	180	ug/Kg	☼	05/04/23 11:00	05/17/23 04:54	50
1,2-Dibromoethane	<34		88	34	ug/Kg	☼	05/04/23 11:00	05/17/23 04:54	50
1,2-Dichlorobenzene	<30		88	30	ug/Kg	☼	05/04/23 11:00	05/17/23 04:54	50
1,2-Dichloroethane	<35		88	35	ug/Kg	☼	05/04/23 11:00	05/17/23 04:54	50
1,2-Dichloropropane	<38		88	38	ug/Kg	☼	05/04/23 11:00	05/17/23 04:54	50
1,3,5-Trimethylbenzene	<34		88	34	ug/Kg	☼	05/04/23 11:00	05/17/23 04:54	50
1,3-Dichlorobenzene	<35		88	35	ug/Kg	☼	05/04/23 11:00	05/17/23 04:54	50
1,3-Dichloropropane	<32		88	32	ug/Kg	☼	05/04/23 11:00	05/17/23 04:54	50
1,4-Dichlorobenzene	<32		88	32	ug/Kg	☼	05/04/23 11:00	05/17/23 04:54	50
2,2-Dichloropropane	<39		88	39	ug/Kg	☼	05/04/23 11:00	05/17/23 04:54	50
2-Chlorotoluene	<28		88	28	ug/Kg	☼	05/04/23 11:00	05/17/23 04:54	50
4-Chlorotoluene	<31		88	31	ug/Kg	☼	05/04/23 11:00	05/17/23 04:54	50
Benzene	<13		22	13	ug/Kg	☼	05/04/23 11:00	05/17/23 04:54	50
Bromobenzene	<31		88	31	ug/Kg	☼	05/04/23 11:00	05/17/23 04:54	50
Bromochloromethane	<38		88	38	ug/Kg	☼	05/04/23 11:00	05/17/23 04:54	50
Dichlorobromomethane	<33		88	33	ug/Kg	☼	05/04/23 11:00	05/17/23 04:54	50
Bromoform	<43		88	43	ug/Kg	☼	05/04/23 11:00	05/17/23 04:54	50
Bromomethane	<70		270	70	ug/Kg	☼	05/04/23 11:00	05/17/23 04:54	50
Carbon tetrachloride	<34		88	34	ug/Kg	☼	05/04/23 11:00	05/17/23 04:54	50
Chlorobenzene	<34		88	34	ug/Kg	☼	05/04/23 11:00	05/17/23 04:54	50
Chloroethane	<45		88	45	ug/Kg	☼	05/04/23 11:00	05/17/23 04:54	50
Chloroform	<33		180	33	ug/Kg	☼	05/04/23 11:00	05/17/23 04:54	50
Chloromethane	<28		88	28	ug/Kg	☼	05/04/23 11:00	05/17/23 04:54	50
cis-1,2-Dichloroethene	<36		88	36	ug/Kg	☼	05/04/23 11:00	05/17/23 04:54	50
cis-1,3-Dichloropropene	<37		88	37	ug/Kg	☼	05/04/23 11:00	05/17/23 04:54	50
Dibromochloromethane	<43		88	43	ug/Kg	☼	05/04/23 11:00	05/17/23 04:54	50
Dibromomethane	<24		88	24	ug/Kg	☼	05/04/23 11:00	05/17/23 04:54	50
Dichlorodifluoromethane	<60		270	60	ug/Kg	☼	05/04/23 11:00	05/17/23 04:54	50
Ethylbenzene	<16		22	16	ug/Kg	☼	05/04/23 11:00	05/17/23 04:54	50
Hexachlorobutadiene	<39		88	39	ug/Kg	☼	05/04/23 11:00	05/17/23 04:54	50
Isopropyl ether	<24		88	24	ug/Kg	☼	05/04/23 11:00	05/17/23 04:54	50
Isopropylbenzene	<34		88	34	ug/Kg	☼	05/04/23 11:00	05/17/23 04:54	50
Methyl tert-butyl ether	<35		88	35	ug/Kg	☼	05/04/23 11:00	05/17/23 04:54	50
Methylene Chloride	<140		440	140	ug/Kg	☼	05/04/23 11:00	05/17/23 04:54	50
Naphthalene	<30		88	30	ug/Kg	☼	05/04/23 11:00	05/17/23 04:54	50
n-Butylbenzene	<34		88	34	ug/Kg	☼	05/04/23 11:00	05/17/23 04:54	50
N-Propylbenzene	<37		88	37	ug/Kg	☼	05/04/23 11:00	05/17/23 04:54	50
p-Isopropyltoluene	<32		88	32	ug/Kg	☼	05/04/23 11:00	05/17/23 04:54	50

Client: Stantec Consulting Corp.
Project/Site: 333 Reed Avenue Soil Char - 193709261

Job ID: 500-233489-1

Client Sample ID: SB-44 (0.75-1)

Date Collected: 05/04/23 11:00
Date Received: 05/09/23 08:29

Lab Sample ID: 500-233489-30

Matrix: Solid
Percent Solids: 84.7

Method: SW846 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
sec-Butylbenzene	<35		88	35	ug/Kg	☼	05/04/23 11:00	05/17/23 04:54	50
Styrene	<34		88	34	ug/Kg	☼	05/04/23 11:00	05/17/23 04:54	50
tert-Butylbenzene	<35		88	35	ug/Kg	☼	05/04/23 11:00	05/17/23 04:54	50
Tetrachloroethene	<33		88	33	ug/Kg	☼	05/04/23 11:00	05/17/23 04:54	50
Toluene	<13		22	13	ug/Kg	☼	05/04/23 11:00	05/17/23 04:54	50
trans-1,2-Dichloroethene	<31		88	31	ug/Kg	☼	05/04/23 11:00	05/17/23 04:54	50
trans-1,3-Dichloropropene	<32		88	32	ug/Kg	☼	05/04/23 11:00	05/17/23 04:54	50
Trichloroethene	<14		44	14	ug/Kg	☼	05/04/23 11:00	05/17/23 04:54	50
Trichlorofluoromethane	<38		88	38	ug/Kg	☼	05/04/23 11:00	05/17/23 04:54	50
Vinyl chloride	<23		88	23	ug/Kg	☼	05/04/23 11:00	05/17/23 04:54	50
Xylenes, Total	<19		44	19	ug/Kg	☼	05/04/23 11:00	05/17/23 04:54	50

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*103*		*75 - 126*	*05/04/23 11:00*	*05/17/23 04:54*	*50*
4-Bromofluorobenzene (Surr)	*109*		*72 - 124*	*05/04/23 11:00*	*05/17/23 04:54*	*50*
Dibromofluoromethane (Surr)	*94*		*75 - 120*	*05/04/23 11:00*	*05/17/23 04:54*	*50*
Toluene-d8 (Surr)	*106*		*75 - 120*	*05/04/23 11:00*	*05/17/23 04:54*	*50*

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	<9.3		77	9.3	ug/Kg	☼	05/10/23 07:13	05/12/23 19:17	1
2-Methylnaphthalene	<7.0		77	7.0	ug/Kg	☼	05/10/23 07:13	05/12/23 19:17	1
Acenaphthene	<6.8		38	6.8	ug/Kg	☼	05/10/23 07:13	05/12/23 19:17	1
Acenaphthylene	<5.0		38	5.0	ug/Kg	☼	05/10/23 07:13	05/12/23 19:17	1
Anthracene	<6.3		38	6.3	ug/Kg	☼	05/10/23 07:13	05/12/23 19:17	1
Benzo[a]anthracene	**8.3**	**J**	38	5.1	ug/Kg	☼	05/10/23 07:13	05/12/23 19:17	1
Benzo[a]pyrene	<7.4		38	7.4	ug/Kg	☼	05/10/23 07:13	05/12/23 19:17	1
Benzo[b]fluoranthene	<8.2		38	8.2	ug/Kg	☼	05/10/23 07:13	05/12/23 19:17	1
Benzo[g,h,i]perylene	<12		38	12	ug/Kg	☼	05/10/23 07:13	05/12/23 19:17	1
Benzo[k]fluoranthene	<11		38	11	ug/Kg	☼	05/10/23 07:13	05/12/23 19:17	1
Chrysene	<10		38	10	ug/Kg	☼	05/10/23 07:13	05/12/23 19:17	1
Dibenz(a,h)anthracene	<7.3		38	7.3	ug/Kg	☼	05/10/23 07:13	05/12/23 19:17	1
Fluoranthene	<7.0		38	7.0	ug/Kg	☼	05/10/23 07:13	05/12/23 19:17	1
Fluorene	<5.3		38	5.3	ug/Kg	☼	05/10/23 07:13	05/12/23 19:17	1
Indeno[1,2,3-cd]pyrene	<9.8		38	9.8	ug/Kg	☼	05/10/23 07:13	05/12/23 19:17	1
Naphthalene	<5.8		38	5.8	ug/Kg	☼	05/10/23 07:13	05/12/23 19:17	1
Phenanthrene	<5.3		38	5.3	ug/Kg	☼	05/10/23 07:13	05/12/23 19:17	1
Pyrene	<7.5		38	7.5	ug/Kg	☼	05/10/23 07:13	05/12/23 19:17	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Nitrobenzene-d5 (Surr)	*63*		*37 - 147*	*05/10/23 07:13*	*05/12/23 19:17*	*1*
2-Fluorobiphenyl (Surr)	*74*		*43 - 145*	*05/10/23 07:13*	*05/12/23 19:17*	*1*
Terphenyl-d14 (Surr)	*101*		*42 - 157*	*05/10/23 07:13*	*05/12/23 19:17*	*1*

Method: SW846 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	**2.5**		0.99	0.34	mg/Kg	☼	05/10/23 16:04	05/17/23 16:20	1
Barium	**48**		0.99	0.11	mg/Kg	☼	05/10/23 16:04	05/17/23 16:20	1
Cadmium	**0.11**	**J**	0.20	0.036	mg/Kg	☼	05/10/23 16:04	05/17/23 16:20	1
Chromium	**19**		0.99	0.49	mg/Kg	☼	05/10/23 16:04	05/17/23 16:20	1

Client: Stantec Consulting Corp.
Project/Site: 333 Reed Avenue Soil Char - 193709261

Job ID: 500-233489-1

Client Sample ID: SB-44 (0.75-1)
Date Collected: 05/04/23 11:00
Date Received: 05/09/23 08:29

Lab Sample ID: 500-233489-30
Matrix: Solid
Percent Solids: 84.7

Method: SW846 6010C - Metals (ICP) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	6.1		0.49	0.23	mg/Kg	☼	05/10/23 16:04	05/17/23 16:20	1
Selenium	<0.58		0.99	0.58	mg/Kg	☼	05/10/23 16:04	05/17/23 16:20	1
Silver	0.34	J	0.49	0.13	mg/Kg	☼	05/10/23 16:04	05/17/23 16:20	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.019		0.017	0.0091	mg/Kg	☼	05/12/23 14:55	05/15/23 09:00	1

Client: Stantec Consulting Corp.
Project/Site: 333 Reed Avenue Soil Char - 193709261

Job ID: 500-233489-1

Client Sample ID: SB-35 (1-2.5)
Date Collected: 05/04/23 10:00
Date Received: 05/09/23 08:29

Lab Sample ID: 500-233489-31
Matrix: Solid
Percent Solids: 86.9

Method: SW846 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<37		81	37	ug/Kg	☼	05/04/23 10:00	05/17/23 05:17	50
1,1,1-Trichloroethane	<31		81	31	ug/Kg	☼	05/04/23 10:00	05/17/23 05:17	50
1,1,2,2-Tetrachloroethane	<32		81	32	ug/Kg	☼	05/04/23 10:00	05/17/23 05:17	50
1,1,2-Trichloroethane	<28		81	28	ug/Kg	☼	05/04/23 10:00	05/17/23 05:17	50
1,1-Dichloroethane	<33		81	33	ug/Kg	☼	05/04/23 10:00	05/17/23 05:17	50
1,1-Dichloroethene	<32		81	32	ug/Kg	☼	05/04/23 10:00	05/17/23 05:17	50
1,1-Dichloropropene	<24		81	24	ug/Kg	☼	05/04/23 10:00	05/17/23 05:17	50
1,2,3-Trichlorobenzene	<37		81	37	ug/Kg	☼	05/04/23 10:00	05/17/23 05:17	50
1,2,3-Trichloropropane	<34		160	34	ug/Kg	☼	05/04/23 10:00	05/17/23 05:17	50
1,2,4-Trichlorobenzene	<28		81	28	ug/Kg	☼	05/04/23 10:00	05/17/23 05:17	50
1,2,4-Trimethylbenzene	<29		81	29	ug/Kg	☼	05/04/23 10:00	05/17/23 05:17	50
1,2-Dibromo-3-Chloropropane	<160		400	160	ug/Kg	☼	05/04/23 10:00	05/17/23 05:17	50
1,2-Dibromoethane	<31		81	31	ug/Kg	☼	05/04/23 10:00	05/17/23 05:17	50
1,2-Dichlorobenzene	<27		81	27	ug/Kg	☼	05/04/23 10:00	05/17/23 05:17	50
1,2-Dichloroethane	<32		81	32	ug/Kg	☼	05/04/23 10:00	05/17/23 05:17	50
1,2-Dichloropropane	<35		81	35	ug/Kg	☼	05/04/23 10:00	05/17/23 05:17	50
1,3,5-Trimethylbenzene	<31		81	31	ug/Kg	☼	05/04/23 10:00	05/17/23 05:17	50
1,3-Dichlorobenzene	<32		81	32	ug/Kg	☼	05/04/23 10:00	05/17/23 05:17	50
1,3-Dichloropropane	<29		81	29	ug/Kg	☼	05/04/23 10:00	05/17/23 05:17	50
1,4-Dichlorobenzene	<29		81	29	ug/Kg	☼	05/04/23 10:00	05/17/23 05:17	50
2,2-Dichloropropane	<36		81	36	ug/Kg	☼	05/04/23 10:00	05/17/23 05:17	50
2-Chlorotoluene	<25		81	25	ug/Kg	☼	05/04/23 10:00	05/17/23 05:17	50
4-Chlorotoluene	<28		81	28	ug/Kg	☼	05/04/23 10:00	05/17/23 05:17	50
Benzene	<12		20	12	ug/Kg	☼	05/04/23 10:00	05/17/23 05:17	50
Bromobenzene	<29		81	29	ug/Kg	☼	05/04/23 10:00	05/17/23 05:17	50
Bromochloromethane	<35		81	35	ug/Kg	☼	05/04/23 10:00	05/17/23 05:17	50
Dichlorobromomethane	<30		81	30	ug/Kg	☼	05/04/23 10:00	05/17/23 05:17	50
Bromoform	<39		81	39	ug/Kg	☼	05/04/23 10:00	05/17/23 05:17	50
Bromomethane	<64		240	64	ug/Kg	☼	05/04/23 10:00	05/17/23 05:17	50
Carbon tetrachloride	<31		81	31	ug/Kg	☼	05/04/23 10:00	05/17/23 05:17	50
Chlorobenzene	<31		81	31	ug/Kg	☼	05/04/23 10:00	05/17/23 05:17	50
Chloroethane	<41		81	41	ug/Kg	☼	05/04/23 10:00	05/17/23 05:17	50
Chloroform	<30		160	30	ug/Kg	☼	05/04/23 10:00	05/17/23 05:17	50
Chloromethane	<26		81	26	ug/Kg	☼	05/04/23 10:00	05/17/23 05:17	50
cis-1,2-Dichloroethene	<33		81	33	ug/Kg	☼	05/04/23 10:00	05/17/23 05:17	50
cis-1,3-Dichloropropene	<34		81	34	ug/Kg	☼	05/04/23 10:00	05/17/23 05:17	50
Dibromochloromethane	<40		81	40	ug/Kg	☼	05/04/23 10:00	05/17/23 05:17	50
Dibromomethane	<22		81	22	ug/Kg	☼	05/04/23 10:00	05/17/23 05:17	50
Dichlorodifluoromethane	<55		240	55	ug/Kg	☼	05/04/23 10:00	05/17/23 05:17	50
Ethylbenzene	<15		20	15	ug/Kg	☼	05/04/23 10:00	05/17/23 05:17	50
Hexachlorobutadiene	<36		81	36	ug/Kg	☼	05/04/23 10:00	05/17/23 05:17	50
Isopropyl ether	<22		81	22	ug/Kg	☼	05/04/23 10:00	05/17/23 05:17	50
Isopropylbenzene	<31		81	31	ug/Kg	☼	05/04/23 10:00	05/17/23 05:17	50
Methyl tert-butyl ether	<32		81	32	ug/Kg	☼	05/04/23 10:00	05/17/23 05:17	50
Methylene Chloride	<130		400	130	ug/Kg	☼	05/04/23 10:00	05/17/23 05:17	50
Naphthalene	<27		81	27	ug/Kg	☼	05/04/23 10:00	05/17/23 05:17	50
n-Butylbenzene	<31		81	31	ug/Kg	☼	05/04/23 10:00	05/17/23 05:17	50
N-Propylbenzene	<34		81	34	ug/Kg	☼	05/04/23 10:00	05/17/23 05:17	50
p-Isopropyltoluene	<29		81	29	ug/Kg	☼	05/04/23 10:00	05/17/23 05:17	50

Client: Stantec Consulting Corp.
Project/Site: 333 Reed Avenue Soil Char - 193709261

Job ID: 500-233489-1

Client Sample ID: SB-35 (1-2.5)

Date Collected: 05/04/23 10:00
Date Received: 05/09/23 08:29

Lab Sample ID: 500-233489-31

Matrix: Solid
Percent Solids: 86.9

Method: SW846 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
sec-Butylbenzene	<32		81	32	ug/Kg	☼	05/04/23 10:00	05/17/23 05:17	50
Styrene	<31		81	31	ug/Kg	☼	05/04/23 10:00	05/17/23 05:17	50
tert-Butylbenzene	<32		81	32	ug/Kg	☼	05/04/23 10:00	05/17/23 05:17	50
Tetrachloroethene	<30		81	30	ug/Kg	☼	05/04/23 10:00	05/17/23 05:17	50
Toluene	<12		20	12	ug/Kg	☼	05/04/23 10:00	05/17/23 05:17	50
trans-1,2-Dichloroethene	<28		81	28	ug/Kg	☼	05/04/23 10:00	05/17/23 05:17	50
trans-1,3-Dichloropropene	<29		81	29	ug/Kg	☼	05/04/23 10:00	05/17/23 05:17	50
Trichloroethene	<13		40	13	ug/Kg	☼	05/04/23 10:00	05/17/23 05:17	50
Trichlorofluoromethane	<35		81	35	ug/Kg	☼	05/04/23 10:00	05/17/23 05:17	50
Vinyl chloride	<21		81	21	ug/Kg	☼	05/04/23 10:00	05/17/23 05:17	50
Xylenes, Total	<18		40	18	ug/Kg	☼	05/04/23 10:00	05/17/23 05:17	50

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*102*		*75 - 126*	*05/04/23 10:00*	*05/17/23 05:17*	*50*
4-Bromofluorobenzene (Surr)	*109*		*72 - 124*	*05/04/23 10:00*	*05/17/23 05:17*	*50*
Dibromofluoromethane (Surr)	*94*		*75 - 120*	*05/04/23 10:00*	*05/17/23 05:17*	*50*
Toluene-d8 (Surr)	*107*		*75 - 120*	*05/04/23 10:00*	*05/17/23 05:17*	*50*

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	<9.2		76	9.2	ug/Kg	☼	05/10/23 07:13	05/12/23 19:38	1
2-Methylnaphthalene	<7.0		76	7.0	ug/Kg	☼	05/10/23 07:13	05/12/23 19:38	1
Acenaphthene	<6.8		38	6.8	ug/Kg	☼	05/10/23 07:13	05/12/23 19:38	1
Acenaphthylene	<5.0		38	5.0	ug/Kg	☼	05/10/23 07:13	05/12/23 19:38	1
Anthracene	<6.3		38	6.3	ug/Kg	☼	05/10/23 07:13	05/12/23 19:38	1
Benzo[a]anthracene	<5.1		38	5.1	ug/Kg	☼	05/10/23 07:13	05/12/23 19:38	1
Benzo[a]pyrene	<7.3		38	7.3	ug/Kg	☼	05/10/23 07:13	05/12/23 19:38	1
Benzo[b]fluoranthene	<8.2		38	8.2	ug/Kg	☼	05/10/23 07:13	05/12/23 19:38	1
Benzo[g,h,i]perylene	<12		38	12	ug/Kg	☼	05/10/23 07:13	05/12/23 19:38	1
Benzo[k]fluoranthene	<11		38	11	ug/Kg	☼	05/10/23 07:13	05/12/23 19:38	1
Chrysene	<10		38	10	ug/Kg	☼	05/10/23 07:13	05/12/23 19:38	1
Dibenz(a,h)anthracene	<7.3		38	7.3	ug/Kg	☼	05/10/23 07:13	05/12/23 19:38	1
Fluoranthene	<7.0		38	7.0	ug/Kg	☼	05/10/23 07:13	05/12/23 19:38	1
Fluorene	<5.3		38	5.3	ug/Kg	☼	05/10/23 07:13	05/12/23 19:38	1
Indeno[1,2,3-cd]pyrene	<9.8		38	9.8	ug/Kg	☼	05/10/23 07:13	05/12/23 19:38	1
Naphthalene	<5.8		38	5.8	ug/Kg	☼	05/10/23 07:13	05/12/23 19:38	1
Phenanthrene	<5.3		38	5.3	ug/Kg	☼	05/10/23 07:13	05/12/23 19:38	1
Pyrene	<7.5		38	7.5	ug/Kg	☼	05/10/23 07:13	05/12/23 19:38	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Nitrobenzene-d5 (Surr)	*58*		*37 - 147*	*05/10/23 07:13*	*05/12/23 19:38*	*1*
2-Fluorobiphenyl (Surr)	*66*		*43 - 145*	*05/10/23 07:13*	*05/12/23 19:38*	*1*
Terphenyl-d14 (Surr)	*89*		*42 - 157*	*05/10/23 07:13*	*05/12/23 19:38*	*1*

Method: SW846 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	**3.1**		1.1	0.36	mg/Kg	☼	05/10/23 16:04	05/17/23 16:24	1
Barium	**55**		1.1	0.12	mg/Kg	☼	05/10/23 16:04	05/17/23 16:24	1
Cadmium	**0.14**	**J**	0.21	0.038	mg/Kg	☼	05/10/23 16:04	05/17/23 16:24	1
Chromium	**16**		1.1	0.52	mg/Kg	☼	05/10/23 16:04	05/17/23 16:24	1

Client: Stantec Consulting Corp.
Project/Site: 333 Reed Avenue Soil Char - 193709261

Job ID: 500-233489-1

Client Sample ID: SB-35 (1-2.5)
Date Collected: 05/04/23 10:00
Date Received: 05/09/23 08:29

Lab Sample ID: 500-233489-31
Matrix: Solid
Percent Solids: 86.9

Method: SW846 6010C - Metals (ICP) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	**5.6**		0.53	0.24	mg/Kg	☼	05/10/23 16:04	05/17/23 16:24	1
Selenium	<0.62		1.1	0.62	mg/Kg	☼	05/10/23 16:04	05/17/23 16:24	1
Silver	**0.34**	**J**	0.53	0.14	mg/Kg	☼	05/10/23 16:04	05/17/23 16:24	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.0092		0.017	0.0092	mg/Kg	☼	05/12/23 14:55	05/15/23 09:01	1

Client: Stantec Consulting Corp.
Project/Site: 333 Reed Avenue Soil Char - 193709261

Job ID: 500-233489-1

Client Sample ID: SB-36 (0.25-2.25)
Date Collected: 05/04/23 12:10
Date Received: 05/09/23 08:29

Lab Sample ID: 500-233489-32
Matrix: Solid
Percent Solids: 81.9

Method: SW846 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<45		98	45	ug/Kg	☼	05/04/23 12:10	05/17/23 05:40	50
1,1,1-Trichloroethane	<37		98	37	ug/Kg	☼	05/04/23 12:10	05/17/23 05:40	50
1,1,2,2-Tetrachloroethane	<39		98	39	ug/Kg	☼	05/04/23 12:10	05/17/23 05:40	50
1,1,2-Trichloroethane	<34		98	34	ug/Kg	☼	05/04/23 12:10	05/17/23 05:40	50
1,1-Dichloroethane	<40		98	40	ug/Kg	☼	05/04/23 12:10	05/17/23 05:40	50
1,1-Dichloroethene	<38		98	38	ug/Kg	☼	05/04/23 12:10	05/17/23 05:40	50
1,1-Dichloropropene	<29		98	29	ug/Kg	☼	05/04/23 12:10	05/17/23 05:40	50
1,2,3-Trichlorobenzene	<45		98	45	ug/Kg	☼	05/04/23 12:10	05/17/23 05:40	50
1,2,3-Trichloropropane	<41		200	41	ug/Kg	☼	05/04/23 12:10	05/17/23 05:40	50
1,2,4-Trichlorobenzene	<33		98	33	ug/Kg	☼	05/04/23 12:10	05/17/23 05:40	50
1,2,4-Trimethylbenzene	<35		98	35	ug/Kg	☼	05/04/23 12:10	05/17/23 05:40	50
1,2-Dibromo-3-Chloropropane	<190		490	190	ug/Kg	☼	05/04/23 12:10	05/17/23 05:40	50
1,2-Dibromoethane	<38		98	38	ug/Kg	☼	05/04/23 12:10	05/17/23 05:40	50
1,2-Dichlorobenzene	<33		98	33	ug/Kg	☼	05/04/23 12:10	05/17/23 05:40	50
1,2-Dichloroethane	<38		98	38	ug/Kg	☼	05/04/23 12:10	05/17/23 05:40	50
1,2-Dichloropropane	<42		98	42	ug/Kg	☼	05/04/23 12:10	05/17/23 05:40	50
1,3,5-Trimethylbenzene	<37		98	37	ug/Kg	☼	05/04/23 12:10	05/17/23 05:40	50
1,3-Dichlorobenzene	<39		98	39	ug/Kg	☼	05/04/23 12:10	05/17/23 05:40	50
1,3-Dichloropropane	<35		98	35	ug/Kg	☼	05/04/23 12:10	05/17/23 05:40	50
1,4-Dichlorobenzene	<36		98	36	ug/Kg	☼	05/04/23 12:10	05/17/23 05:40	50
2,2-Dichloropropane	<43		98	43	ug/Kg	☼	05/04/23 12:10	05/17/23 05:40	50
2-Chlorotoluene	<31		98	31	ug/Kg	☼	05/04/23 12:10	05/17/23 05:40	50
4-Chlorotoluene	<34		98	34	ug/Kg	☼	05/04/23 12:10	05/17/23 05:40	50
Benzene	<14		24	14	ug/Kg	☼	05/04/23 12:10	05/17/23 05:40	50
Bromobenzene	<35		98	35	ug/Kg	☼	05/04/23 12:10	05/17/23 05:40	50
Bromochloromethane	<42		98	42	ug/Kg	☼	05/04/23 12:10	05/17/23 05:40	50
Dichlorobromomethane	<36		98	36	ug/Kg	☼	05/04/23 12:10	05/17/23 05:40	50
Bromoform	<47		98	47	ug/Kg	☼	05/04/23 12:10	05/17/23 05:40	50
Bromomethane	<78		290	78	ug/Kg	☼	05/04/23 12:10	05/17/23 05:40	50
Carbon tetrachloride	<38		98	38	ug/Kg	☼	05/04/23 12:10	05/17/23 05:40	50
Chlorobenzene	<38		98	38	ug/Kg	☼	05/04/23 12:10	05/17/23 05:40	50
Chloroethane	<49		98	49	ug/Kg	☼	05/04/23 12:10	05/17/23 05:40	50
Chloroform	<36		200	36	ug/Kg	☼	05/04/23 12:10	05/17/23 05:40	50
Chloromethane	<31		98	31	ug/Kg	☼	05/04/23 12:10	05/17/23 05:40	50
cis-1,2-Dichloroethene	<40		98	40	ug/Kg	☼	05/04/23 12:10	05/17/23 05:40	50
cis-1,3-Dichloropropene	<41		98	41	ug/Kg	☼	05/04/23 12:10	05/17/23 05:40	50
Dibromochloromethane	<48		98	48	ug/Kg	☼	05/04/23 12:10	05/17/23 05:40	50
Dibromomethane	<26		98	26	ug/Kg	☼	05/04/23 12:10	05/17/23 05:40	50
Dichlorodifluoromethane	<66		290	66	ug/Kg	☼	05/04/23 12:10	05/17/23 05:40	50
Ethylbenzene	<18		24	18	ug/Kg	☼	05/04/23 12:10	05/17/23 05:40	50
Hexachlorobutadiene	<44		98	44	ug/Kg	☼	05/04/23 12:10	05/17/23 05:40	50
Isopropyl ether	<27		98	27	ug/Kg	☼	05/04/23 12:10	05/17/23 05:40	50
Isopropylbenzene	<38		98	38	ug/Kg	☼	05/04/23 12:10	05/17/23 05:40	50
Methyl tert-butyl ether	<39		98	39	ug/Kg	☼	05/04/23 12:10	05/17/23 05:40	50
Methylene Chloride	<160		490	160	ug/Kg	☼	05/04/23 12:10	05/17/23 05:40	50
Naphthalene	<33		98	33	ug/Kg	☼	05/04/23 12:10	05/17/23 05:40	50
n-Butylbenzene	<38		98	38	ug/Kg	☼	05/04/23 12:10	05/17/23 05:40	50
N-Propylbenzene	<41		98	41	ug/Kg	☼	05/04/23 12:10	05/17/23 05:40	50
p-Isopropyltoluene	<35		98	35	ug/Kg	☼	05/04/23 12:10	05/17/23 05:40	50

Client: Stantec Consulting Corp.
Project/Site: 333 Reed Avenue Soil Char - 193709261

Job ID: 500-233489-1

Client Sample ID: SB-36 (0.25-2.25)

Date Collected: 05/04/23 12:10
Date Received: 05/09/23 08:29

Lab Sample ID: 500-233489-32

Matrix: Solid
Percent Solids: 81.9

Method: SW846 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
sec-Butylbenzene	<39		98	39	ug/Kg	☼	05/04/23 12:10	05/17/23 05:40	50
Styrene	<38		98	38	ug/Kg	☼	05/04/23 12:10	05/17/23 05:40	50
tert-Butylbenzene	<39		98	39	ug/Kg	☼	05/04/23 12:10	05/17/23 05:40	50
Tetrachloroethene	<36		98	36	ug/Kg	☼	05/04/23 12:10	05/17/23 05:40	50
Toluene	<14		24	14	ug/Kg	☼	05/04/23 12:10	05/17/23 05:40	50
trans-1,2-Dichloroethene	<34		98	34	ug/Kg	☼	05/04/23 12:10	05/17/23 05:40	50
trans-1,3-Dichloropropene	<35		98	35	ug/Kg	☼	05/04/23 12:10	05/17/23 05:40	50
Trichloroethene	<16		49	16	ug/Kg	☼	05/04/23 12:10	05/17/23 05:40	50
Trichlorofluoromethane	<42		98	42	ug/Kg	☼	05/04/23 12:10	05/17/23 05:40	50
Vinyl chloride	<26		98	26	ug/Kg	☼	05/04/23 12:10	05/17/23 05:40	50
Xylenes, Total	<22		49	22	ug/Kg	☼	05/04/23 12:10	05/17/23 05:40	50

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*104*		*75 - 126*	*05/04/23 12:10*	*05/17/23 05:40*	*50*
4-Bromofluorobenzene (Surr)	*110*		*72 - 124*	*05/04/23 12:10*	*05/17/23 05:40*	*50*
Dibromofluoromethane (Surr)	*93*		*75 - 120*	*05/04/23 12:10*	*05/17/23 05:40*	*50*
Toluene-d8 (Surr)	*108*		*75 - 120*	*05/04/23 12:10*	*05/17/23 05:40*	*50*

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	<9.5		79	9.5	ug/Kg	☼	05/10/23 07:13	05/12/23 20:00	1
2-Methylnaphthalene	<7.2		79	7.2	ug/Kg	☼	05/10/23 07:13	05/12/23 20:00	1
Acenaphthene	<7.0		39	7.0	ug/Kg	☼	05/10/23 07:13	05/12/23 20:00	1
Acenaphthylene	<5.1		39	5.1	ug/Kg	☼	05/10/23 07:13	05/12/23 20:00	1
Anthracene	<6.5		39	6.5	ug/Kg	☼	05/10/23 07:13	05/12/23 20:00	1
Benzo[a]anthracene	<5.2		39	5.2	ug/Kg	☼	05/10/23 07:13	05/12/23 20:00	1
Benzo[a]pyrene	<7.5		39	7.5	ug/Kg	☼	05/10/23 07:13	05/12/23 20:00	1
Benzo[b]fluoranthene	<8.4		39	8.4	ug/Kg	☼	05/10/23 07:13	05/12/23 20:00	1
Benzo[g,h,i]perylene	<13		39	13	ug/Kg	☼	05/10/23 07:13	05/12/23 20:00	1
Benzo[k]fluoranthene	<11		39	11	ug/Kg	☼	05/10/23 07:13	05/12/23 20:00	1
Chrysene	<11		39	11	ug/Kg	☼	05/10/23 07:13	05/12/23 20:00	1
Dibenz(a,h)anthracene	<7.5		39	7.5	ug/Kg	☼	05/10/23 07:13	05/12/23 20:00	1
Fluoranthene	<7.2		39	7.2	ug/Kg	☼	05/10/23 07:13	05/12/23 20:00	1
Fluorene	<5.5		39	5.5	ug/Kg	☼	05/10/23 07:13	05/12/23 20:00	1
Indeno[1,2,3-cd]pyrene	<10		39	10	ug/Kg	☼	05/10/23 07:13	05/12/23 20:00	1
Naphthalene	<6.0		39	6.0	ug/Kg	☼	05/10/23 07:13	05/12/23 20:00	1
Phenanthrene	<5.4		39	5.4	ug/Kg	☼	05/10/23 07:13	05/12/23 20:00	1
Pyrene	<7.7		39	7.7	ug/Kg	☼	05/10/23 07:13	05/12/23 20:00	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Nitrobenzene-d5 (Surr)	*61*		*37 - 147*	*05/10/23 07:13*	*05/12/23 20:00*	*1*
2-Fluorobiphenyl (Surr)	*71*		*43 - 145*	*05/10/23 07:13*	*05/12/23 20:00*	*1*
Terphenyl-d14 (Surr)	*94*		*42 - 157*	*05/10/23 07:13*	*05/12/23 20:00*	*1*

Method: SW846 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	**4.4**		1.0	0.36	mg/Kg	☼	05/10/23 16:04	05/17/23 16:27	1
Barium	**62**		1.0	0.12	mg/Kg	☼	05/10/23 16:04	05/17/23 16:27	1
Cadmium	**0.13**	**J**	0.21	0.037	mg/Kg	☼	05/10/23 16:04	05/17/23 16:27	1
Chromium	**23**		1.0	0.51	mg/Kg	☼	05/10/23 16:04	05/17/23 16:27	1

Client: Stantec Consulting Corp.
Project/Site: 333 Reed Avenue Soil Char - 193709261

Job ID: 500-233489-1

Client Sample ID: SB-36 (0.25-2.25)
Date Collected: 05/04/23 12:10
Date Received: 05/09/23 08:29

Lab Sample ID: 500-233489-32
Matrix: Solid
Percent Solids: 81.9

Method: SW846 6010C - Metals (ICP) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	**7.1**		0.52	0.24	mg/Kg	☼	05/10/23 16:04	05/17/23 16:27	1
Selenium	<0.61		1.0	0.61	mg/Kg	☼	05/10/23 16:04	05/17/23 16:27	1
Silver	**0.44**	**J**	0.52	0.13	mg/Kg	☼	05/10/23 16:04	05/17/23 16:27	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**0.015**	**J**	0.019	0.0098	mg/Kg	☼	05/12/23 14:55	05/15/23 09:07	1

Omitted

Client: Stantec Consulting Corp.
Job ID: 500-233489-1
Project/Site: 333 Reed Avenue Soil Char - 193709261

Omitted

Client: Stantec Consulting Corp.
Project/Site: 333 Reed Avenue Soil Char - 193709261

Job ID: 500-233489-1

Client Sample ID: SB-41 (0.5-1.5)
Date Collected: 05/05/23 10:20
Date Received: 05/09/23 08:29

Lab Sample ID: 500-233489-34
Matrix: Solid
Percent Solids: 74.2

Method: SW846 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<59		130	59	ug/Kg	☼	05/05/23 10:20	05/17/23 06:25	50
1,1,1-Trichloroethane	<49		130	49	ug/Kg	☼	05/05/23 10:20	05/17/23 06:25	50
1,1,2,2-Tetrachloroethane	<51		130	51	ug/Kg	☼	05/05/23 10:20	05/17/23 06:25	50
1,1,2-Trichloroethane	<45		130	45	ug/Kg	☼	05/05/23 10:20	05/17/23 06:25	50
1,1-Dichloroethane	<52		130	52	ug/Kg	☼	05/05/23 10:20	05/17/23 06:25	50
1,1-Dichloroethene	<50		130	50	ug/Kg	☼	05/05/23 10:20	05/17/23 06:25	50
1,1-Dichloropropene	<38		130	38	ug/Kg	☼	05/05/23 10:20	05/17/23 06:25	50
1,2,3-Trichlorobenzene	<59		130	59	ug/Kg	☼	05/05/23 10:20	05/17/23 06:25	50
1,2,3-Trichloropropane	<53		260	53	ug/Kg	☼	05/05/23 10:20	05/17/23 06:25	50
1,2,4-Trichlorobenzene	<44		130	44	ug/Kg	☼	05/05/23 10:20	05/17/23 06:25	50
1,2,4-Trimethylbenzene	<46		130	46	ug/Kg	☼	05/05/23 10:20	05/17/23 06:25	50
1,2-Dibromo-3-Chloropropane	<250		640	250	ug/Kg	☼	05/05/23 10:20	05/17/23 06:25	50
1,2-Dibromoethane	<49		130	49	ug/Kg	☼	05/05/23 10:20	05/17/23 06:25	50
1,2-Dichlorobenzene	<43		130	43	ug/Kg	☼	05/05/23 10:20	05/17/23 06:25	50
1,2-Dichloroethane	<50		130	50	ug/Kg	☼	05/05/23 10:20	05/17/23 06:25	50
1,2-Dichloropropane	<55		130	55	ug/Kg	☼	05/05/23 10:20	05/17/23 06:25	50
1,3,5-Trimethylbenzene	<49		130	49	ug/Kg	☼	05/05/23 10:20	05/17/23 06:25	50
1,3-Dichlorobenzene	<51		130	51	ug/Kg	☼	05/05/23 10:20	05/17/23 06:25	50
1,3-Dichloropropane	<46		130	46	ug/Kg	☼	05/05/23 10:20	05/17/23 06:25	50
1,4-Dichlorobenzene	<47		130	47	ug/Kg	☼	05/05/23 10:20	05/17/23 06:25	50
2,2-Dichloropropane	<57		130	57	ug/Kg	☼	05/05/23 10:20	05/17/23 06:25	50
2-Chlorotoluene	<40		130	40	ug/Kg	☼	05/05/23 10:20	05/17/23 06:25	50
4-Chlorotoluene	<45		130	45	ug/Kg	☼	05/05/23 10:20	05/17/23 06:25	50
Benzene	<19		32	19	ug/Kg	☼	05/05/23 10:20	05/17/23 06:25	50
Bromobenzene	<46		130	46	ug/Kg	☼	05/05/23 10:20	05/17/23 06:25	50
Bromochloromethane	<55		130	55	ug/Kg	☼	05/05/23 10:20	05/17/23 06:25	50
Dichlorobromomethane	<48		130	48	ug/Kg	☼	05/05/23 10:20	05/17/23 06:25	50
Bromoform	<62		130	62	ug/Kg	☼	05/05/23 10:20	05/17/23 06:25	50
Bromomethane	<100		380	100	ug/Kg	☼	05/05/23 10:20	05/17/23 06:25	50
Carbon tetrachloride	<49		130	49	ug/Kg	☼	05/05/23 10:20	05/17/23 06:25	50
Chlorobenzene	<49		130	49	ug/Kg	☼	05/05/23 10:20	05/17/23 06:25	50
Chloroethane	<64		130	64	ug/Kg	☼	05/05/23 10:20	05/17/23 06:25	50
Chloroform	<47		260	47	ug/Kg	☼	05/05/23 10:20	05/17/23 06:25	50
Chloromethane	<41		130	41	ug/Kg	☼	05/05/23 10:20	05/17/23 06:25	50
cis-1,2-Dichloroethene	<52		130	52	ug/Kg	☼	05/05/23 10:20	05/17/23 06:25	50
cis-1,3-Dichloropropene	<53		130	53	ug/Kg	☼	05/05/23 10:20	05/17/23 06:25	50
Dibromochloromethane	<62		130	62	ug/Kg	☼	05/05/23 10:20	05/17/23 06:25	50
Dibromomethane	<35		130	35	ug/Kg	☼	05/05/23 10:20	05/17/23 06:25	50
Dichlorodifluoromethane	<86		380	86	ug/Kg	☼	05/05/23 10:20	05/17/23 06:25	50
Ethylbenzene	<23		32	23	ug/Kg	☼	05/05/23 10:20	05/17/23 06:25	50
Hexachlorobutadiene	<57		130	57	ug/Kg	☼	05/05/23 10:20	05/17/23 06:25	50
Isopropyl ether	<35		130	35	ug/Kg	☼	05/05/23 10:20	05/17/23 06:25	50
Isopropylbenzene	<49		130	49	ug/Kg	☼	05/05/23 10:20	05/17/23 06:25	50
Methyl tert-butyl ether	<50		130	50	ug/Kg	☼	05/05/23 10:20	05/17/23 06:25	50
Methylene Chloride	<210		640	210	ug/Kg	☼	05/05/23 10:20	05/17/23 06:25	50
Naphthalene	<43		130	43	ug/Kg	☼	05/05/23 10:20	05/17/23 06:25	50
n-Butylbenzene	<50		130	50	ug/Kg	☼	05/05/23 10:20	05/17/23 06:25	50
N-Propylbenzene	<53		130	53	ug/Kg	☼	05/05/23 10:20	05/17/23 06:25	50
p-Isopropyltoluene	<46		130	46	ug/Kg	☼	05/05/23 10:20	05/17/23 06:25	50

Client Sample ID: SB-41 (0.5-1.5)

Date Collected: 05/05/23 10:20
Date Received: 05/09/23 08:29

Lab Sample ID: 500-233489-34

Matrix: Solid
Percent Solids: 74.2

Method: SW846 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
sec-Butylbenzene	<51		130	51	ug/Kg	☼	05/05/23 10:20	05/17/23 06:25	50
Styrene	<49		130	49	ug/Kg	☼	05/05/23 10:20	05/17/23 06:25	50
tert-Butylbenzene	<51		130	51	ug/Kg	☼	05/05/23 10:20	05/17/23 06:25	50
Tetrachloroethene	<47		130	47	ug/Kg	☼	05/05/23 10:20	05/17/23 06:25	50
Toluene	<19		32	19	ug/Kg	☼	05/05/23 10:20	05/17/23 06:25	50
trans-1,2-Dichloroethene	<45		130	45	ug/Kg	☼	05/05/23 10:20	05/17/23 06:25	50
trans-1,3-Dichloropropene	<46		130	46	ug/Kg	☼	05/05/23 10:20	05/17/23 06:25	50
Trichloroethene	<21		64	21	ug/Kg	☼	05/05/23 10:20	05/17/23 06:25	50
Trichlorofluoromethane	<55		130	55	ug/Kg	☼	05/05/23 10:20	05/17/23 06:25	50
Vinyl chloride	<33		130	33	ug/Kg	☼	05/05/23 10:20	05/17/23 06:25	50
Xylenes, Total	<28		64	28	ug/Kg	☼	05/05/23 10:20	05/17/23 06:25	50

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*103*		*75 - 126*	*05/05/23 10:20*	*05/17/23 06:25*	*50*
4-Bromofluorobenzene (Surr)	*108*		*72 - 124*	*05/05/23 10:20*	*05/17/23 06:25*	*50*
Dibromofluoromethane (Surr)	*95*		*75 - 120*	*05/05/23 10:20*	*05/17/23 06:25*	*50*
Toluene-d8 (Surr)	*109*		*75 - 120*	*05/05/23 10:20*	*05/17/23 06:25*	*50*

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	<11		88	11	ug/Kg	☼	05/10/23 07:13	05/12/23 20:21	1
2-Methylnaphthalene	<8.1		88	8.1	ug/Kg	☼	05/10/23 07:13	05/12/23 20:21	1
Acenaphthene	<7.9		44	7.9	ug/Kg	☼	05/10/23 07:13	05/12/23 20:21	1
Acenaphthylene	<5.8		44	5.8	ug/Kg	☼	05/10/23 07:13	05/12/23 20:21	1
Anthracene	<7.3		44	7.3	ug/Kg	☼	05/10/23 07:13	05/12/23 20:21	1
Benzo[a]anthracene	**34**	**J**	44	5.9	ug/Kg	☼	05/10/23 07:13	05/12/23 20:21	1
Benzo[a]pyrene	**25**	**J**	44	8.5	ug/Kg	☼	05/10/23 07:13	05/12/23 20:21	1
Benzo[b]fluoranthene	**28**	**J**	44	9.5	ug/Kg	☼	05/10/23 07:13	05/12/23 20:21	1
Benzo[g,h,i]perylene	<14		44	14	ug/Kg	☼	05/10/23 07:13	05/12/23 20:21	1
Benzo[k]fluoranthene	<13		44	13	ug/Kg	☼	05/10/23 07:13	05/12/23 20:21	1
Chrysene	**26**	**J**	44	12	ug/Kg	☼	05/10/23 07:13	05/12/23 20:21	1
Dibenz(a,h)anthracene	**14**	**J**	44	8.5	ug/Kg	☼	05/10/23 07:13	05/12/23 20:21	1
Fluoranthene	**52**		44	8.1	ug/Kg	☼	05/10/23 07:13	05/12/23 20:21	1
Fluorene	<6.2		44	6.2	ug/Kg	☼	05/10/23 07:13	05/12/23 20:21	1
Indeno[1,2,3-cd]pyrene	**26**	**J**	44	11	ug/Kg	☼	05/10/23 07:13	05/12/23 20:21	1
Naphthalene	<6.7		44	6.7	ug/Kg	☼	05/10/23 07:13	05/12/23 20:21	1
Phenanthrene	**36**	**J**	44	6.1	ug/Kg	☼	05/10/23 07:13	05/12/23 20:21	1
Pyrene	**47**		44	8.7	ug/Kg	☼	05/10/23 07:13	05/12/23 20:21	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Nitrobenzene-d5 (Surr)	*60*		*37 - 147*	*05/10/23 07:13*	*05/12/23 20:21*	*1*
2-Fluorobiphenyl (Surr)	*67*		*43 - 145*	*05/10/23 07:13*	*05/12/23 20:21*	*1*
Terphenyl-d14 (Surr)	*74*		*42 - 157*	*05/10/23 07:13*	*05/12/23 20:21*	*1*

Method: SW846 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	**3.8**		1.3	0.45	mg/Kg	☼	05/10/23 16:04	05/17/23 16:31	1
Barium	**87**		1.3	0.15	mg/Kg	☼	05/10/23 16:04	05/17/23 16:31	1
Cadmium	**0.35**		0.27	0.048	mg/Kg	☼	05/10/23 16:04	05/17/23 16:31	1
Chromium	**20**		1.3	0.66	mg/Kg	☼	05/10/23 16:04	05/17/23 16:31	1

Client: Stantec Consulting Corp.
Project/Site: 333 Reed Avenue Soil Char - 193709261

Job ID: 500-233489-1

Client Sample ID: SB-41 (0.5-1.5)
Date Collected: 05/05/23 10:20
Date Received: 05/09/23 08:29

Lab Sample ID: 500-233489-34
Matrix: Solid
Percent Solids: 74.2

Method: SW846 6010C - Metals (ICP) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	**14**		0.66	0.31	mg/Kg	☼	05/10/23 16:04	05/17/23 16:31	1
Selenium	<0.78		1.3	0.78	mg/Kg	☼	05/10/23 16:04	05/17/23 16:31	1
Silver	**0.45**	**J**	0.66	0.17	mg/Kg	☼	05/10/23 16:04	05/17/23 16:31	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**0.044**		0.020	0.011	mg/Kg	☼	05/12/23 14:55	05/15/23 09:15	1

Client: Stantec Consulting Corp.
Project/Site: 333 Reed Avenue Soil Char - 193709261

Job ID: 500-233489-1

Client Sample ID: SB-40 (0.5-1.5)
Date Collected: 05/04/23 11:45
Date Received: 05/09/23 08:29

Lab Sample ID: 500-233489-35
Matrix: Solid
Percent Solids: 82.5

Method: SW846 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<44		95	44	ug/Kg	☼	05/04/23 11:45	05/17/23 06:48	50
1,1,1-Trichloroethane	<36		95	36	ug/Kg	☼	05/04/23 11:45	05/17/23 06:48	50
1,1,2,2-Tetrachloroethane	<38		95	38	ug/Kg	☼	05/04/23 11:45	05/17/23 06:48	50
1,1,2-Trichloroethane	<34		95	34	ug/Kg	☼	05/04/23 11:45	05/17/23 06:48	50
1,1-Dichloroethane	<39		95	39	ug/Kg	☼	05/04/23 11:45	05/17/23 06:48	50
1,1-Dichloroethene	<37		95	37	ug/Kg	☼	05/04/23 11:45	05/17/23 06:48	50
1,1-Dichloropropene	<28		95	28	ug/Kg	☼	05/04/23 11:45	05/17/23 06:48	50
1,2,3-Trichlorobenzene	<44		95	44	ug/Kg	☼	05/04/23 11:45	05/17/23 06:48	50
1,2,3-Trichloropropane	<39		190	39	ug/Kg	☼	05/04/23 11:45	05/17/23 06:48	50
1,2,4-Trichlorobenzene	<33		95	33	ug/Kg	☼	05/04/23 11:45	05/17/23 06:48	50
1,2,4-Trimethylbenzene	<34		95	34	ug/Kg	☼	05/04/23 11:45	05/17/23 06:48	50
1,2-Dibromo-3-Chloropropane	<190		480	190	ug/Kg	☼	05/04/23 11:45	05/17/23 06:48	50
1,2-Dibromoethane	<37		95	37	ug/Kg	☼	05/04/23 11:45	05/17/23 06:48	50
1,2-Dichlorobenzene	<32		95	32	ug/Kg	☼	05/04/23 11:45	05/17/23 06:48	50
1,2-Dichloroethane	<37		95	37	ug/Kg	☼	05/04/23 11:45	05/17/23 06:48	50
1,2-Dichloropropane	<41		95	41	ug/Kg	☼	05/04/23 11:45	05/17/23 06:48	50
1,3,5-Trimethylbenzene	<36		95	36	ug/Kg	☼	05/04/23 11:45	05/17/23 06:48	50
1,3-Dichlorobenzene	<38		95	38	ug/Kg	☼	05/04/23 11:45	05/17/23 06:48	50
1,3-Dichloropropane	<34		95	34	ug/Kg	☼	05/04/23 11:45	05/17/23 06:48	50
1,4-Dichlorobenzene	<35		95	35	ug/Kg	☼	05/04/23 11:45	05/17/23 06:48	50
2,2-Dichloropropane	<42		95	42	ug/Kg	☼	05/04/23 11:45	05/17/23 06:48	50
2-Chlorotoluene	<30		95	30	ug/Kg	☼	05/04/23 11:45	05/17/23 06:48	50
4-Chlorotoluene	<33		95	33	ug/Kg	☼	05/04/23 11:45	05/17/23 06:48	50
Benzene	<14		24	14	ug/Kg	☼	05/04/23 11:45	05/17/23 06:48	50
Bromobenzene	<34		95	34	ug/Kg	☼	05/04/23 11:45	05/17/23 06:48	50
Bromochloromethane	<41		95	41	ug/Kg	☼	05/04/23 11:45	05/17/23 06:48	50
Dichlorobromomethane	<35		95	35	ug/Kg	☼	05/04/23 11:45	05/17/23 06:48	50
Bromoform	<46		95	46	ug/Kg	☼	05/04/23 11:45	05/17/23 06:48	50
Bromomethane	<76		290	76	ug/Kg	☼	05/04/23 11:45	05/17/23 06:48	50
Carbon tetrachloride	<37		95	37	ug/Kg	☼	05/04/23 11:45	05/17/23 06:48	50
Chlorobenzene	<37		95	37	ug/Kg	☼	05/04/23 11:45	05/17/23 06:48	50
Chloroethane	<48		95	48	ug/Kg	☼	05/04/23 11:45	05/17/23 06:48	50
Chloroform	<35		190	35	ug/Kg	☼	05/04/23 11:45	05/17/23 06:48	50
Chloromethane	<30		95	30	ug/Kg	☼	05/04/23 11:45	05/17/23 06:48	50
cis-1,2-Dichloroethene	<39		95	39	ug/Kg	☼	05/04/23 11:45	05/17/23 06:48	50
cis-1,3-Dichloropropene	<40		95	40	ug/Kg	☼	05/04/23 11:45	05/17/23 06:48	50
Dibromochloromethane	<46		95	46	ug/Kg	☼	05/04/23 11:45	05/17/23 06:48	50
Dibromomethane	<26		95	26	ug/Kg	☼	05/04/23 11:45	05/17/23 06:48	50
Dichlorodifluoromethane	<64		290	64	ug/Kg	☼	05/04/23 11:45	05/17/23 06:48	50
Ethylbenzene	<17		24	17	ug/Kg	☼	05/04/23 11:45	05/17/23 06:48	50
Hexachlorobutadiene	<42		95	42	ug/Kg	☼	05/04/23 11:45	05/17/23 06:48	50
Isopropyl ether	<26		95	26	ug/Kg	☼	05/04/23 11:45	05/17/23 06:48	50
Isopropylbenzene	<37		95	37	ug/Kg	☼	05/04/23 11:45	05/17/23 06:48	50
Methyl tert-butyl ether	<38		95	38	ug/Kg	☼	05/04/23 11:45	05/17/23 06:48	50
Methylene Chloride	<160		480	160	ug/Kg	☼	05/04/23 11:45	05/17/23 06:48	50
Naphthalene	<32		95	32	ug/Kg	☼	05/04/23 11:45	05/17/23 06:48	50
n-Butylbenzene	<37		95	37	ug/Kg	☼	05/04/23 11:45	05/17/23 06:48	50
N-Propylbenzene	<39		95	39	ug/Kg	☼	05/04/23 11:45	05/17/23 06:48	50
p-Isopropyltoluene	<34		95	34	ug/Kg	☼	05/04/23 11:45	05/17/23 06:48	50

Client Sample ID: SB-40 (0.5-1.5)
Date Collected: 05/04/23 11:45
Date Received: 05/09/23 08:29

Lab Sample ID: 500-233489-35
Matrix: Solid
Percent Solids: 82.5

Method: SW846 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
sec-Butylbenzene	<38		95	38	ug/Kg	☼	05/04/23 11:45	05/17/23 06:48	50
Styrene	<37		95	37	ug/Kg	☼	05/04/23 11:45	05/17/23 06:48	50
tert-Butylbenzene	<38		95	38	ug/Kg	☼	05/04/23 11:45	05/17/23 06:48	50
Tetrachloroethene	<35		95	35	ug/Kg	☼	05/04/23 11:45	05/17/23 06:48	50
Toluene	<14		24	14	ug/Kg	☼	05/04/23 11:45	05/17/23 06:48	50
trans-1,2-Dichloroethene	<33		95	33	ug/Kg	☼	05/04/23 11:45	05/17/23 06:48	50
trans-1,3-Dichloropropene	<34		95	34	ug/Kg	☼	05/04/23 11:45	05/17/23 06:48	50
Trichloroethene	<16		48	16	ug/Kg	☼	05/04/23 11:45	05/17/23 06:48	50
Trichlorofluoromethane	<41		95	41	ug/Kg	☼	05/04/23 11:45	05/17/23 06:48	50
Vinyl chloride	<25		95	25	ug/Kg	☼	05/04/23 11:45	05/17/23 06:48	50
Xylenes, Total	<21		48	21	ug/Kg	☼	05/04/23 11:45	05/17/23 06:48	50

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*102*		*75 - 126*	*05/04/23 11:45*	*05/17/23 06:48*	*50*
4-Bromofluorobenzene (Surr)	*110*		*72 - 124*	*05/04/23 11:45*	*05/17/23 06:48*	*50*
Dibromofluoromethane (Surr)	*94*		*75 - 120*	*05/04/23 11:45*	*05/17/23 06:48*	*50*
Toluene-d8 (Surr)	*109*		*75 - 120*	*05/04/23 11:45*	*05/17/23 06:48*	*50*

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	<9.4		78	9.4	ug/Kg	☼	05/10/23 07:13	05/12/23 20:42	1
2-Methylnaphthalene	<7.1		78	7.1	ug/Kg	☼	05/10/23 07:13	05/12/23 20:42	1
Acenaphthene	<6.9		38	6.9	ug/Kg	☼	05/10/23 07:13	05/12/23 20:42	1
Acenaphthylene	<5.1		38	5.1	ug/Kg	☼	05/10/23 07:13	05/12/23 20:42	1
Anthracene	<6.4		38	6.4	ug/Kg	☼	05/10/23 07:13	05/12/23 20:42	1
Benzo[a]anthracene	**13**	**J**	38	5.2	ug/Kg	☼	05/10/23 07:13	05/12/23 20:42	1
Benzo[a]pyrene	<7.5		38	7.5	ug/Kg	☼	05/10/23 07:13	05/12/23 20:42	1
Benzo[b]fluoranthene	**8.3**	**J**	38	8.3	ug/Kg	☼	05/10/23 07:13	05/12/23 20:42	1
Benzo[g,h,i]perylene	<12		38	12	ug/Kg	☼	05/10/23 07:13	05/12/23 20:42	1
Benzo[k]fluoranthene	<11		38	11	ug/Kg	☼	05/10/23 07:13	05/12/23 20:42	1
Chrysene	<11		38	11	ug/Kg	☼	05/10/23 07:13	05/12/23 20:42	1
Dibenz(a,h)anthracene	<7.5		38	7.5	ug/Kg	☼	05/10/23 07:13	05/12/23 20:42	1
Fluoranthene	**12**	**J**	38	7.2	ug/Kg	☼	05/10/23 07:13	05/12/23 20:42	1
Fluorene	<5.4		38	5.4	ug/Kg	☼	05/10/23 07:13	05/12/23 20:42	1
Indeno[1,2,3-cd]pyrene	**11**	**J**	38	10	ug/Kg	☼	05/10/23 07:13	05/12/23 20:42	1
Naphthalene	<5.9		38	5.9	ug/Kg	☼	05/10/23 07:13	05/12/23 20:42	1
Phenanthrene	**7.7**	**J**	38	5.4	ug/Kg	☼	05/10/23 07:13	05/12/23 20:42	1
Pyrene	**11**	**J**	38	7.7	ug/Kg	☼	05/10/23 07:13	05/12/23 20:42	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Nitrobenzene-d5 (Surr)	*53*		*37 - 147*	*05/10/23 07:13*	*05/12/23 20:42*	*1*
2-Fluorobiphenyl (Surr)	*58*		*43 - 145*	*05/10/23 07:13*	*05/12/23 20:42*	*1*
Terphenyl-d14 (Surr)	*77*		*42 - 157*	*05/10/23 07:13*	*05/12/23 20:42*	*1*

Method: SW846 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	**5.1**		1.1	0.39	mg/Kg	☼	05/10/23 16:04	05/17/23 16:34	1
Barium	**77**		1.1	0.13	mg/Kg	☼	05/10/23 16:04	05/17/23 16:34	1
Cadmium	**0.12**	**J**	0.23	0.041	mg/Kg	☼	05/10/23 16:04	05/17/23 16:34	1
Chromium	**26**		1.1	0.57	mg/Kg	☼	05/10/23 16:04	05/17/23 16:34	1

Client: Stantec Consulting Corp.
Project/Site: 333 Reed Avenue Soil Char - 193709261

Job ID: 500-233489-1

Client Sample ID: SB-40 (0.5-1.5)
Date Collected: 05/04/23 11:45
Date Received: 05/09/23 08:29

Lab Sample ID: 500-233489-35
Matrix: Solid
Percent Solids: 82.5

Method: SW846 6010C - Metals (ICP) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	**8.6**		0.57	0.26	mg/Kg	☼	05/10/23 16:04	05/17/23 16:34	1
Selenium	<0.67		1.1	0.67	mg/Kg	☼	05/10/23 16:04	05/17/23 16:34	1
Silver	**0.53**	**J**	0.57	0.15	mg/Kg	☼	05/10/23 16:04	05/17/23 16:34	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**0.020**		0.019	0.010	mg/Kg	☼	05/12/23 14:55	05/15/23 09:17	1

Client: Stantec Consulting Corp.
Project/Site: 333 Reed Avenue Soil Char - 193709261

Job ID: 500-233489-1

Client Sample ID: SB-7 (1-3)
Date Collected: 05/05/23 13:45
Date Received: 05/09/23 08:29

Lab Sample ID: 500-233489-36
Matrix: Solid
Percent Solids: 81.3

Method: SW846 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<47		100	47	ug/Kg	☼	05/05/23 13:45	05/17/23 07:11	50
1,1,1-Trichloroethane	<38		100	38	ug/Kg	☼	05/05/23 13:45	05/17/23 07:11	50
1,1,2,2-Tetrachloroethane	<40		100	40	ug/Kg	☼	05/05/23 13:45	05/17/23 07:11	50
1,1,2-Trichloroethane	<36		100	36	ug/Kg	☼	05/05/23 13:45	05/17/23 07:11	50
1,1-Dichloroethane	<41		100	41	ug/Kg	☼	05/05/23 13:45	05/17/23 07:11	50
1,1-Dichloroethene	<39		100	39	ug/Kg	☼	05/05/23 13:45	05/17/23 07:11	50
1,1-Dichloropropene	<30		100	30	ug/Kg	☼	05/05/23 13:45	05/17/23 07:11	50
1,2,3-Trichlorobenzene	<46		100	46	ug/Kg	☼	05/05/23 13:45	05/17/23 07:11	50
1,2,3-Trichloropropane	<42		200	42	ug/Kg	☼	05/05/23 13:45	05/17/23 07:11	50
1,2,4-Trichlorobenzene	<35		100	35	ug/Kg	☼	05/05/23 13:45	05/17/23 07:11	50
1,2,4-Trimethylbenzene	<36		100	36	ug/Kg	☼	05/05/23 13:45	05/17/23 07:11	50
1,2-Dibromo-3-Chloropropane	<200		510	200	ug/Kg	☼	05/05/23 13:45	05/17/23 07:11	50
1,2-Dibromoethane	<39		100	39	ug/Kg	☼	05/05/23 13:45	05/17/23 07:11	50
1,2-Dichlorobenzene	<34		100	34	ug/Kg	☼	05/05/23 13:45	05/17/23 07:11	50
1,2-Dichloroethane	<40		100	40	ug/Kg	☼	05/05/23 13:45	05/17/23 07:11	50
1,2-Dichloropropane	<43		100	43	ug/Kg	☼	05/05/23 13:45	05/17/23 07:11	50
1,3,5-Trimethylbenzene	<38		100	38	ug/Kg	☼	05/05/23 13:45	05/17/23 07:11	50
1,3-Dichlorobenzene	<40		100	40	ug/Kg	☼	05/05/23 13:45	05/17/23 07:11	50
1,3-Dichloropropane	<37		100	37	ug/Kg	☼	05/05/23 13:45	05/17/23 07:11	50
1,4-Dichlorobenzene	<37		100	37	ug/Kg	☼	05/05/23 13:45	05/17/23 07:11	50
2,2-Dichloropropane	<45		100	45	ug/Kg	☼	05/05/23 13:45	05/17/23 07:11	50
2-Chlorotoluene	<32		100	32	ug/Kg	☼	05/05/23 13:45	05/17/23 07:11	50
4-Chlorotoluene	<35		100	35	ug/Kg	☼	05/05/23 13:45	05/17/23 07:11	50
Benzene	<15		25	15	ug/Kg	☼	05/05/23 13:45	05/17/23 07:11	50
Bromobenzene	<36		100	36	ug/Kg	☼	05/05/23 13:45	05/17/23 07:11	50
Bromochloromethane	<43		100	43	ug/Kg	☼	05/05/23 13:45	05/17/23 07:11	50
Dichlorobromomethane	<38		100	38	ug/Kg	☼	05/05/23 13:45	05/17/23 07:11	50
Bromoform	<49		100	49	ug/Kg	☼	05/05/23 13:45	05/17/23 07:11	50
Bromomethane	<80	F2	300	80	ug/Kg	☼	05/05/23 13:45	05/17/23 07:11	50
Carbon tetrachloride	<39		100	39	ug/Kg	☼	05/05/23 13:45	05/17/23 07:11	50
Chlorobenzene	<39		100	39	ug/Kg	☼	05/05/23 13:45	05/17/23 07:11	50
Chloroethane	<51	F2	100	51	ug/Kg	☼	05/05/23 13:45	05/17/23 07:11	50
Chloroform	<37		200	37	ug/Kg	☼	05/05/23 13:45	05/17/23 07:11	50
Chloromethane	<32		100	32	ug/Kg	☼	05/05/23 13:45	05/17/23 07:11	50
cis-1,2-Dichloroethene	<41		100	41	ug/Kg	☼	05/05/23 13:45	05/17/23 07:11	50
cis-1,3-Dichloropropene	<42		100	42	ug/Kg	☼	05/05/23 13:45	05/17/23 07:11	50
Dibromochloromethane	<49		100	49	ug/Kg	☼	05/05/23 13:45	05/17/23 07:11	50
Dibromomethane	<27		100	27	ug/Kg	☼	05/05/23 13:45	05/17/23 07:11	50
Dichlorodifluoromethane	<68		300	68	ug/Kg	☼	05/05/23 13:45	05/17/23 07:11	50
Ethylbenzene	<18		25	18	ug/Kg	☼	05/05/23 13:45	05/17/23 07:11	50
Hexachlorobutadiene	<45		100	45	ug/Kg	☼	05/05/23 13:45	05/17/23 07:11	50
Isopropyl ether	<28		100	28	ug/Kg	☼	05/05/23 13:45	05/17/23 07:11	50
Isopropylbenzene	<39		100	39	ug/Kg	☼	05/05/23 13:45	05/17/23 07:11	50
Methyl tert-butyl ether	<40		100	40	ug/Kg	☼	05/05/23 13:45	05/17/23 07:11	50
Methylene Chloride	<160		510	160	ug/Kg	☼	05/05/23 13:45	05/17/23 07:11	50
Naphthalene	<34		100	34	ug/Kg	☼	05/05/23 13:45	05/17/23 07:11	50
n-Butylbenzene	<39		100	39	ug/Kg	☼	05/05/23 13:45	05/17/23 07:11	50
N-Propylbenzene	<42		100	42	ug/Kg	☼	05/05/23 13:45	05/17/23 07:11	50
p-Isopropyltoluene	<37		100	37	ug/Kg	☼	05/05/23 13:45	05/17/23 07:11	50

Client Sample ID: SB-7 (1-3)
Date Collected: 05/05/23 13:45
Date Received: 05/09/23 08:29

Lab Sample ID: 500-233489-36
Matrix: Solid
Percent Solids: 81.3

Method: SW846 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
sec-Butylbenzene	<40		100	40	ug/Kg	☼	05/05/23 13:45	05/17/23 07:11	50
Styrene	<39		100	39	ug/Kg	☼	05/05/23 13:45	05/17/23 07:11	50
tert-Butylbenzene	<40		100	40	ug/Kg	☼	05/05/23 13:45	05/17/23 07:11	50
Tetrachloroethene	<37		100	37	ug/Kg	☼	05/05/23 13:45	05/17/23 07:11	50
Toluene	<15		25	15	ug/Kg	☼	05/05/23 13:45	05/17/23 07:11	50
trans-1,2-Dichloroethene	<35		100	35	ug/Kg	☼	05/05/23 13:45	05/17/23 07:11	50
trans-1,3-Dichloropropene	<37		100	37	ug/Kg	☼	05/05/23 13:45	05/17/23 07:11	50
Trichloroethene	<17		51	17	ug/Kg	☼	05/05/23 13:45	05/17/23 07:11	50
Trichlorofluoromethane	<43		100	43	ug/Kg	☼	05/05/23 13:45	05/17/23 07:11	50
Vinyl chloride	<26		100	26	ug/Kg	☼	05/05/23 13:45	05/17/23 07:11	50
Xylenes, Total	<22		51	22	ug/Kg	☼	05/05/23 13:45	05/17/23 07:11	50

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*101*		*75 - 126*	*05/05/23 13:45*	*05/17/23 07:11*	*50*
4-Bromofluorobenzene (Surr)	*110*		*72 - 124*	*05/05/23 13:45*	*05/17/23 07:11*	*50*
Dibromofluoromethane (Surr)	*92*		*75 - 120*	*05/05/23 13:45*	*05/17/23 07:11*	*50*
Toluene-d8 (Surr)	*107*		*75 - 120*	*05/05/23 13:45*	*05/17/23 07:11*	*50*

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	<9.7		80	9.7	ug/Kg	☼	05/10/23 07:13	05/12/23 21:03	1
2-Methylnaphthalene	<7.3		80	7.3	ug/Kg	☼	05/10/23 07:13	05/12/23 21:03	1
Acenaphthene	<7.1		39	7.1	ug/Kg	☼	05/10/23 07:13	05/12/23 21:03	1
Acenaphthylene	<5.2		39	5.2	ug/Kg	☼	05/10/23 07:13	05/12/23 21:03	1
Anthracene	<6.6		39	6.6	ug/Kg	☼	05/10/23 07:13	05/12/23 21:03	1
Benzo[a]anthracene	**15**	**J**	39	5.3	ug/Kg	☼	05/10/23 07:13	05/12/23 21:03	1
Benzo[a]pyrene	**13**	**J**	39	7.7	ug/Kg	☼	05/10/23 07:13	05/12/23 21:03	1
Benzo[b]fluoranthene	**18**	**J**	39	8.6	ug/Kg	☼	05/10/23 07:13	05/12/23 21:03	1
Benzo[g,h,i]perylene	<13		39	13	ug/Kg	☼	05/10/23 07:13	05/12/23 21:03	1
Benzo[k]fluoranthene	<12		39	12	ug/Kg	☼	05/10/23 07:13	05/12/23 21:03	1
Chrysene	**12**	**J**	39	11	ug/Kg	☼	05/10/23 07:13	05/12/23 21:03	1
Dibenz(a,h)anthracene	<7.7		39	7.7	ug/Kg	☼	05/10/23 07:13	05/12/23 21:03	1
Fluoranthene	**17**	**J**	39	7.4	ug/Kg	☼	05/10/23 07:13	05/12/23 21:03	1
Fluorene	<5.6		39	5.6	ug/Kg	☼	05/10/23 07:13	05/12/23 21:03	1
Indeno[1,2,3-cd]pyrene	**19**	**J**	39	10	ug/Kg	☼	05/10/23 07:13	05/12/23 21:03	1
Naphthalene	<6.1		39	6.1	ug/Kg	☼	05/10/23 07:13	05/12/23 21:03	1
Phenanthrene	<5.5		39	5.5	ug/Kg	☼	05/10/23 07:13	05/12/23 21:03	1
Pyrene	**17**	**J**	39	7.9	ug/Kg	☼	05/10/23 07:13	05/12/23 21:03	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Nitrobenzene-d5 (Surr)	*59*		*37 - 147*	*05/10/23 07:13*	*05/12/23 21:03*	*1*
2-Fluorobiphenyl (Surr)	*68*		*43 - 145*	*05/10/23 07:13*	*05/12/23 21:03*	*1*
Terphenyl-d14 (Surr)	*86*		*42 - 157*	*05/10/23 07:13*	*05/12/23 21:03*	*1*

Method: SW846 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	**3.1**		1.1	0.36	mg/Kg	☼	05/10/23 16:04	05/17/23 16:44	1
Barium	**58**		1.1	0.12	mg/Kg	☼	05/10/23 16:04	05/17/23 16:44	1
Cadmium	**0.16**	**J**	0.21	0.038	mg/Kg	☼	05/10/23 16:04	05/17/23 16:44	1
Chromium	**16**		1.1	0.52	mg/Kg	☼	05/10/23 16:04	05/17/23 16:44	1

Client: Stantec Consulting Corp.
Project/Site: 333 Reed Avenue Soil Char - 193709261

Job ID: 500-233489-1

Client Sample ID: SB-7 (1-3)
Date Collected: 05/05/23 13:45
Date Received: 05/09/23 08:29

Lab Sample ID: 500-233489-36
Matrix: Solid
Percent Solids: 81.3

Method: SW846 6010C - Metals (ICP) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	**6.6**		0.53	0.24	mg/Kg	☼	05/10/23 16:04	05/17/23 16:44	1
Selenium	<0.62		1.1	0.62	mg/Kg	☼	05/10/23 16:04	05/17/23 16:44	1
Silver	**0.31**	**J**	0.53	0.14	mg/Kg	☼	05/10/23 16:04	05/17/23 16:44	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.0099		0.019	0.0099	mg/Kg	☼	05/12/23 14:55	05/15/23 09:20	1

Definitions/Glossary

Client: Stantec Consulting Corp. Job ID: 500-233489-1
Project/Site: 333 Reed Avenue Soil Char - 193709261

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
*+	LCS and/or LCSD is outside acceptance limits, high biased.
B	Compound was found in the blank and sample.
F1	MS and/or MSD recovery exceeds control limits.
F2	MS/MSD RPD exceeds control limits
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

GC/MS Semi VOA

Qualifier	Qualifier Description
*3	ISTD response or retention time outside acceptable limits.
F1	MS and/or MSD recovery exceeds control limits.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
S1-	Surrogate recovery exceeds control limits, low biased.

Metals

Qualifier	Qualifier Description
B	Compound was found in the blank and sample.
F1	MS and/or MSD recovery exceeds control limits.
F5	Duplicate RPD exceeds limit, and one or both sample results are less than 5 times RL, and the absolute difference between results is < the upper reporting limits for both.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
¤	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)

Glossary (Continued)

Abbreviation	These commonly used abbreviations may or may not be present in this report.
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

GC/MS VOA

Prep Batch: 712293

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-233489-1	SB-2 (0.5-1.5)	Total/NA	Solid	5035	
500-233489-2	SB-3 (0.75-1.5)	Total/NA	Solid	5035	
500-233489-3	SB-4 (2-3.5)	Total/NA	Solid	5035	
500-233489-4	SB-5 (0-2)	Total/NA	Solid	5035	
500-233489-5	SB-8 (4-6)	Total/NA	Solid	5035	
500-233489-6	SB-9 (0-2)	Total/NA	Solid	5035	
500-233489-7	SB-22 (0.5-1.5)	Total/NA	Solid	5035	
500-233489-8	SB-13 (3.25-4)	Total/NA	Solid	5035	
500-233489-9	Trip Blank	Total/NA	Solid	5035	
500-233489-10	SB-12 (0.25-1.75)	Total/NA	Solid	5035	
500-233489-11	SB-16 (1.75-3)	Total/NA	Solid	5035	
500-233489-12	SB-15 (1.5-3.5)	Total/NA	Solid	5035	
500-233489-13	SB-37 (2-3.5)	Total/NA	Solid	5035	
500-233489-14	SB-27 (0.5-1)	Total/NA	Solid	5035	
500-233489-15	SB-29 (0.5-1.5)	Total/NA	Solid	5035	
500-233489-16	SB-21 (0.5-1.5)	Total/NA	Solid	5035	
500-233489-17	SB-25 (0-1.5)	Total/NA	Solid	5035	
500-233489-18	SB-26 (0-0.5)	Total/NA	Solid	5035	
500-233489-19	SB-20 (1.5-2)	Total/NA	Solid	5035	
500-233489-20	SB-28 (2-3)	Total/NA	Solid	5035	
LB3 500-712293/21-A	Method Blank	Total/NA	Solid	5035	
LCS 500-712293/22-A	Lab Control Sample	Total/NA	Solid	5035	
500-233489-8 MS	SB-13 (3.25-4)	Total/NA	Solid	5035	

Prep Batch: 712296

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-233489-21	SB-24 (0.5-1.5)	Total/NA	Solid	5035	
500-233489-22	SB-30 (5-6.5)	Total/NA	Solid	5035	
500-233489-23	SB-34 (2-3)	Total/NA	Solid	5035	
500-233489-24	SB-33 (0.5-2)	Total/NA	Solid	5035	
500-233489-25	SB-38 (0.5-1.5)	Total/NA	Solid	5035	
500-233489-26	DUP	Total/NA	Solid	5035	
500-233489-27	SB-43 (0.75-1.5)	Total/NA	Solid	5035	
500-233489-28	SB-45 (0.5-1.5)	Total/NA	Solid	5035	
500-233489-29	SB-31 (0.5-1.5)	Total/NA	Solid	5035	
500-233489-30	SB-44 (0.75-1)	Total/NA	Solid	5035	
500-233489-31	SB-35 (1-2.5)	Total/NA	Solid	5035	
500-233489-32	SB-36 (0.25-2.25)	Total/NA	Solid	5035	
500-233489-33	SB-14 (0-2)	Total/NA	Solid	5035	
500-233489-34	SB-41 (0.5-1.5)	Total/NA	Solid	5035	
500-233489-35	SB-40 (0.5-1.5)	Total/NA	Solid	5035	
500-233489-36	SB-7 (1-3)	Total/NA	Solid	5035	
LB3 500-712296/17-A	Method Blank	Total/NA	Solid	5035	
LCS 500-712296/18-A	Lab Control Sample	Total/NA	Solid	5035	
500-233489-36 MS	SB-7 (1-3)	Total/NA	Solid	5035	
500-233489-36 MSD	SB-7 (1-3)	Total/NA	Solid	5035	

Analysis Batch: 713382

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-233489-1	SB-2 (0.5-1.5)	Total/NA	Solid	8260B	712293
500-233489-2	SB-3 (0.75-1.5)	Total/NA	Solid	8260B	712293

GC/MS VOA (Continued)

Analysis Batch: 713382 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-233489-3	SB-4 (2-3.5)	Total/NA	Solid	8260B	712293
500-233489-4	SB-5 (0-2)	Total/NA	Solid	8260B	712293
500-233489-5	SB-8 (4-6)	Total/NA	Solid	8260B	712293
500-233489-6	SB-9 (0-2)	Total/NA	Solid	8260B	712293
500-233489-7	SB-22 (0.5-1.5)	Total/NA	Solid	8260B	712293
500-233489-8	SB-13 (3.25-4)	Total/NA	Solid	8260B	712293
500-233489-9	Trip Blank	Total/NA	Solid	8260B	712293
LB3 500-712293/21-A	Method Blank	Total/NA	Solid	8260B	712293
MB 500-713382/7	Method Blank	Total/NA	Solid	8260B	
LCS 500-712293/22-A	Lab Control Sample	Total/NA	Solid	8260B	712293
LCS 500-713382/5	Lab Control Sample	Total/NA	Solid	8260B	
500-233489-8 MS	SB-13 (3.25-4)	Total/NA	Solid	8260B	712293

Analysis Batch: 713604

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-233489-10	SB-12 (0.25-1.75)	Total/NA	Solid	8260B	712293
500-233489-11	SB-16 (1.75-3)	Total/NA	Solid	8260B	712293
500-233489-12	SB-15 (1.5-3.5)	Total/NA	Solid	8260B	712293
500-233489-13	SB-37 (2-3.5)	Total/NA	Solid	8260B	712293
500-233489-14	SB-27 (0.5-1)	Total/NA	Solid	8260B	712293
500-233489-15	SB-29 (0.5-1.5)	Total/NA	Solid	8260B	712293
500-233489-16	SB-21 (0.5-1.5)	Total/NA	Solid	8260B	712293
500-233489-17	SB-25 (0-1.5)	Total/NA	Solid	8260B	712293
500-233489-18	SB-26 (0-0.5)	Total/NA	Solid	8260B	712293
500-233489-19	SB-20 (1.5-2)	Total/NA	Solid	8260B	712293
500-233489-20	SB-28 (2-3)	Total/NA	Solid	8260B	712293
MB 500-713604/7	Method Blank	Total/NA	Solid	8260B	
LCS 500-713604/5	Lab Control Sample	Total/NA	Solid	8260B	

Analysis Batch: 713616

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-233489-21	SB-24 (0.5-1.5)	Total/NA	Solid	8260B	712296
500-233489-22	SB-30 (5-6.5)	Total/NA	Solid	8260B	712296
500-233489-23	SB-34 (2-3)	Total/NA	Solid	8260B	712296
500-233489-24	SB-33 (0.5-2)	Total/NA	Solid	8260B	712296
500-233489-25	SB-38 (0.5-1.5)	Total/NA	Solid	8260B	712296
500-233489-26	DUP	Total/NA	Solid	8260B	712296
500-233489-27	SB-43 (0.75-1.5)	Total/NA	Solid	8260B	712296
500-233489-28	SB-45 (0.5-1.5)	Total/NA	Solid	8260B	712296
500-233489-29	SB-31 (0.5-1.5)	Total/NA	Solid	8260B	712296
500-233489-30	SB-44 (0.75-1)	Total/NA	Solid	8260B	712296
500-233489-31	SB-35 (1-2.5)	Total/NA	Solid	8260B	712296
500-233489-32	SB-36 (0.25-2.25)	Total/NA	Solid	8260B	712296
500-233489-33	SB-14 (0-2)	Total/NA	Solid	8260B	712296
500-233489-34	SB-41 (0.5-1.5)	Total/NA	Solid	8260B	712296
500-233489-35	SB-40 (0.5-1.5)	Total/NA	Solid	8260B	712296
500-233489-36	SB-7 (1-3)	Total/NA	Solid	8260B	712296
LB3 500-712296/17-A	Method Blank	Total/NA	Solid	8260B	712296
MB 500-713616/7	Method Blank	Total/NA	Solid	8260B	
LCS 500-712296/18-A	Lab Control Sample	Total/NA	Solid	8260B	712296
LCS 500-713616/8	Lab Control Sample	Total/NA	Solid	8260B	

GC/MS VOA (Continued)

Analysis Batch: 713616 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-233489-36 MS	SB-7 (1-3)	Total/NA	Solid	8260B	712296
500-233489-36 MSD	SB-7 (1-3)	Total/NA	Solid	8260B	712296

GC/MS Semi VOA

Prep Batch: 712339

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-233489-22	SB-30 (5-6.5)	Total/NA	Solid	3541	
500-233489-23	SB-34 (2-3)	Total/NA	Solid	3541	
500-233489-24	SB-33 (0.5-2)	Total/NA	Solid	3541	
500-233489-25	SB-38 (0.5-1.5)	Total/NA	Solid	3541	
500-233489-26	DUP	Total/NA	Solid	3541	
500-233489-27	SB-43 (0.75-1.5)	Total/NA	Solid	3541	
500-233489-28	SB-45 (0.5-1.5)	Total/NA	Solid	3541	
500-233489-29	SB-31 (0.5-1.5)	Total/NA	Solid	3541	
500-233489-30	SB-44 (0.75-1)	Total/NA	Solid	3541	
500-233489-31	SB-35 (1-2.5)	Total/NA	Solid	3541	
500-233489-32	SB-36 (0.25-2.25)	Total/NA	Solid	3541	
500-233489-34	SB-41 (0.5-1.5)	Total/NA	Solid	3541	
500-233489-35	SB-40 (0.5-1.5)	Total/NA	Solid	3541	
500-233489-36	SB-7 (1-3)	Total/NA	Solid	3541	
MB 500-712339/1-A	Method Blank	Total/NA	Solid	3541	
LCS 500-712339/2-A	Lab Control Sample	Total/NA	Solid	3541	

Prep Batch: 712490

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-233489-1	SB-2 (0.5-1.5)	Total/NA	Solid	3541	
500-233489-2	SB-3 (0.75-1.5)	Total/NA	Solid	3541	
500-233489-3	SB-4 (2-3.5)	Total/NA	Solid	3541	
500-233489-4	SB-5 (0-2)	Total/NA	Solid	3541	
500-233489-5	SB-8 (4-6)	Total/NA	Solid	3541	
500-233489-6	SB-9 (0-2)	Total/NA	Solid	3541	
500-233489-7	SB-22 (0.5-1.5)	Total/NA	Solid	3541	
500-233489-8	SB-13 (3.25-4)	Total/NA	Solid	3541	
500-233489-10	SB-12 (0.25-1.75)	Total/NA	Solid	3541	
500-233489-11	SB-16 (1.75-3)	Total/NA	Solid	3541	
500-233489-12	SB-15 (1.5-3.5)	Total/NA	Solid	3541	
500-233489-13	SB-37 (2-3.5)	Total/NA	Solid	3541	
500-233489-14	SB-27 (0.5-1)	Total/NA	Solid	3541	
500-233489-15	SB-29 (0.5-1.5)	Total/NA	Solid	3541	
500-233489-16	SB-21 (0.5-1.5)	Total/NA	Solid	3541	
500-233489-17	SB-25 (0-1.5)	Total/NA	Solid	3541	
500-233489-18	SB-26 (0-0.5)	Total/NA	Solid	3541	
500-233489-19	SB-20 (1.5-2)	Total/NA	Solid	3541	
500-233489-20	SB-28 (2-3)	Total/NA	Solid	3541	
500-233489-21	SB-24 (0.5-1.5)	Total/NA	Solid	3541	
MB 500-712490/1-A	Method Blank	Total/NA	Solid	3541	
LCS 500-712490/2-A	Lab Control Sample	Total/NA	Solid	3541	
500-233489-2 MS	SB-3 (0.75-1.5)	Total/NA	Solid	3541	
500-233489-2 MSD	SB-3 (0.75-1.5)	Total/NA	Solid	3541	

QC Association Summary

Client: Stantec Consulting Corp.
Project/Site: 333 Reed Avenue Soil Char - 193709261

Job ID: 500-233489-1

GC/MS Semi VOA

Analysis Batch: 712673

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-233489-1	SB-2 (0.5-1.5)	Total/NA	Solid	8270E	712490
500-233489-2	SB-3 (0.75-1.5)	Total/NA	Solid	8270E	712490
500-233489-3	SB-4 (2-3.5)	Total/NA	Solid	8270E	712490
500-233489-4	SB-5 (0-2)	Total/NA	Solid	8270E	712490
500-233489-5	SB-8 (4-6)	Total/NA	Solid	8270E	712490
500-233489-6	SB-9 (0-2)	Total/NA	Solid	8270E	712490
500-233489-7	SB-22 (0.5-1.5)	Total/NA	Solid	8270E	712490
500-233489-8	SB-13 (3.25-4)	Total/NA	Solid	8270E	712490
500-233489-10	SB-12 (0.25-1.75)	Total/NA	Solid	8270E	712490
500-233489-11	SB-16 (1.75-3)	Total/NA	Solid	8270E	712490
500-233489-12	SB-15 (1.5-3.5)	Total/NA	Solid	8270E	712490
500-233489-13	SB-37 (2-3.5)	Total/NA	Solid	8270E	712490
500-233489-14	SB-27 (0.5-1)	Total/NA	Solid	8270E	712490
500-233489-15	SB-29 (0.5-1.5)	Total/NA	Solid	8270E	712490
500-233489-16	SB-21 (0.5-1.5)	Total/NA	Solid	8270E	712490
500-233489-17	SB-25 (0-1.5)	Total/NA	Solid	8270E	712490
500-233489-18	SB-26 (0-0.5)	Total/NA	Solid	8270E	712490
500-233489-19	SB-20 (1.5-2)	Total/NA	Solid	8270E	712490
500-233489-20	SB-28 (2-3)	Total/NA	Solid	8270E	712490
500-233489-21	SB-24 (0.5-1.5)	Total/NA	Solid	8270E	712490
500-233489-2 MS	SB-3 (0.75-1.5)	Total/NA	Solid	8270E	712490
500-233489-2 MSD	SB-3 (0.75-1.5)	Total/NA	Solid	8270E	712490

Analysis Batch: 712679

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 500-712339/1-A	Method Blank	Total/NA	Solid	8270E	712339
LCS 500-712339/2-A	Lab Control Sample	Total/NA	Solid	8270E	712339

Analysis Batch: 712882

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-233489-22	SB-30 (5-6.5)	Total/NA	Solid	8270E	712339
500-233489-23	SB-34 (2-3)	Total/NA	Solid	8270E	712339
500-233489-24	SB-33 (0.5-2)	Total/NA	Solid	8270E	712339
500-233489-25	SB-38 (0.5-1.5)	Total/NA	Solid	8270E	712339
500-233489-26	DUP	Total/NA	Solid	8270E	712339
500-233489-27	SB-43 (0.75-1.5)	Total/NA	Solid	8270E	712339
500-233489-28	SB-45 (0.5-1.5)	Total/NA	Solid	8270E	712339
500-233489-29	SB-31 (0.5-1.5)	Total/NA	Solid	8270E	712339
500-233489-30	SB-44 (0.75-1)	Total/NA	Solid	8270E	712339
500-233489-31	SB-35 (1-2.5)	Total/NA	Solid	8270E	712339
500-233489-32	SB-36 (0.25-2.25)	Total/NA	Solid	8270E	712339
500-233489-34	SB-41 (0.5-1.5)	Total/NA	Solid	8270E	712339
500-233489-35	SB-40 (0.5-1.5)	Total/NA	Solid	8270E	712339
500-233489-36	SB-7 (1-3)	Total/NA	Solid	8270E	712339

Analysis Batch: 712888

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 500-712490/1-A	Method Blank	Total/NA	Solid	8270E	712490
LCS 500-712490/2-A	Lab Control Sample	Total/NA	Solid	8270E	712490

Metals

Prep Batch: 712438

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-233489-1	SB-2 (0.5-1.5)	Total/NA	Solid	3050B	
500-233489-2	SB-3 (0.75-1.5)	Total/NA	Solid	3050B	
500-233489-3	SB-4 (2-3.5)	Total/NA	Solid	3050B	
500-233489-4	SB-5 (0-2)	Total/NA	Solid	3050B	
500-233489-5	SB-8 (4-6)	Total/NA	Solid	3050B	
500-233489-6	SB-9 (0-2)	Total/NA	Solid	3050B	
500-233489-7	SB-22 (0.5-1.5)	Total/NA	Solid	3050B	
500-233489-8	SB-13 (3.25-4)	Total/NA	Solid	3050B	
500-233489-10	SB-12 (0.25-1.75)	Total/NA	Solid	3050B	
500-233489-11	SB-16 (1.75-3)	Total/NA	Solid	3050B	
500-233489-12	SB-15 (1.5-3.5)	Total/NA	Solid	3050B	
500-233489-13	SB-37 (2-3.5)	Total/NA	Solid	3050B	
500-233489-14	SB-27 (0.5-1)	Total/NA	Solid	3050B	
500-233489-15	SB-29 (0.5-1.5)	Total/NA	Solid	3050B	
500-233489-16	SB-21 (0.5-1.5)	Total/NA	Solid	3050B	
500-233489-17	SB-25 (0-1.5)	Total/NA	Solid	3050B	
500-233489-18	SB-26 (0-0.5)	Total/NA	Solid	3050B	
500-233489-19	SB-20 (1.5-2)	Total/NA	Solid	3050B	
500-233489-20	SB-28 (2-3)	Total/NA	Solid	3050B	
500-233489-21	SB-24 (0.5-1.5)	Total/NA	Solid	3050B	
MB 500-712438/1-A	Method Blank	Total/NA	Solid	3050B	
LCS 500-712438/2-A	Lab Control Sample	Total/NA	Solid	3050B	
500-233489-1 MS	SB-2 (0.5-1.5)	Total/NA	Solid	3050B	
500-233489-1 MSD	SB-2 (0.5-1.5)	Total/NA	Solid	3050B	
500-233489-1 DU	SB-2 (0.5-1.5)	Total/NA	Solid	3050B	

Prep Batch: 712516

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-233489-22	SB-30 (5-6.5)	Total/NA	Solid	3050B	
500-233489-23	SB-34 (2-3)	Total/NA	Solid	3050B	
500-233489-24	SB-33 (0.5-2)	Total/NA	Solid	3050B	
500-233489-25	SB-38 (0.5-1.5)	Total/NA	Solid	3050B	
500-233489-26	DUP	Total/NA	Solid	3050B	
500-233489-27	SB-43 (0.75-1.5)	Total/NA	Solid	3050B	
500-233489-28	SB-45 (0.5-1.5)	Total/NA	Solid	3050B	
500-233489-29	SB-31 (0.5-1.5)	Total/NA	Solid	3050B	
500-233489-30	SB-44 (0.75-1)	Total/NA	Solid	3050B	
500-233489-31	SB-35 (1-2.5)	Total/NA	Solid	3050B	
500-233489-32	SB-36 (0.25-2.25)	Total/NA	Solid	3050B	
500-233489-34	SB-41 (0.5-1.5)	Total/NA	Solid	3050B	
500-233489-35	SB-40 (0.5-1.5)	Total/NA	Solid	3050B	
500-233489-36	SB-7 (1-3)	Total/NA	Solid	3050B	
MB 500-712516/1-A	Method Blank	Total/NA	Solid	3050B	
LCS 500-712516/2-A	Lab Control Sample	Total/NA	Solid	3050B	

Prep Batch: 712925

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-233489-1	SB-2 (0.5-1.5)	Total/NA	Solid	7471B	
500-233489-2	SB-3 (0.75-1.5)	Total/NA	Solid	7471B	
500-233489-3	SB-4 (2-3.5)	Total/NA	Solid	7471B	
500-233489-4	SB-5 (0-2)	Total/NA	Solid	7471B	

Metals (Continued)

Prep Batch: 712925 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-233489-5	SB-8 (4-6)	Total/NA	Solid	7471B	
500-233489-6	SB-9 (0-2)	Total/NA	Solid	7471B	
500-233489-7	SB-22 (0.5-1.5)	Total/NA	Solid	7471B	
500-233489-8	SB-13 (3.25-4)	Total/NA	Solid	7471B	
500-233489-10	SB-12 (0.25-1.75)	Total/NA	Solid	7471B	
500-233489-11	SB-16 (1.75-3)	Total/NA	Solid	7471B	
500-233489-12	SB-15 (1.5-3.5)	Total/NA	Solid	7471B	
500-233489-13	SB-37 (2-3.5)	Total/NA	Solid	7471B	
500-233489-14	SB-27 (0.5-1)	Total/NA	Solid	7471B	
500-233489-15	SB-29 (0.5-1.5)	Total/NA	Solid	7471B	
500-233489-16	SB-21 (0.5-1.5)	Total/NA	Solid	7471B	
500-233489-17	SB-25 (0-1.5)	Total/NA	Solid	7471B	
500-233489-18	SB-26 (0-0.5)	Total/NA	Solid	7471B	
500-233489-19	SB-20 (1.5-2)	Total/NA	Solid	7471B	
500-233489-20	SB-28 (2-3)	Total/NA	Solid	7471B	
500-233489-21	SB-24 (0.5-1.5)	Total/NA	Solid	7471B	
MB 500-712925/12-A	Method Blank	Total/NA	Solid	7471B	
LCS 500-712925/13-A	Lab Control Sample	Total/NA	Solid	7471B	
500-233489-10 MS	SB-12 (0.25-1.75)	Total/NA	Solid	7471B	
500-233489-10 MSD	SB-12 (0.25-1.75)	Total/NA	Solid	7471B	
500-233489-10 DU	SB-12 (0.25-1.75)	Total/NA	Solid	7471B	

Prep Batch: 712940

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-233489-22	SB-30 (5-6.5)	Total/NA	Solid	7471B	
500-233489-23	SB-34 (2-3)	Total/NA	Solid	7471B	
500-233489-24	SB-33 (0.5-2)	Total/NA	Solid	7471B	
500-233489-25	SB-38 (0.5-1.5)	Total/NA	Solid	7471B	
500-233489-26	DUP	Total/NA	Solid	7471B	
500-233489-27	SB-43 (0.75-1.5)	Total/NA	Solid	7471B	
500-233489-28	SB-45 (0.5-1.5)	Total/NA	Solid	7471B	
500-233489-29	SB-31 (0.5-1.5)	Total/NA	Solid	7471B	
500-233489-30	SB-44 (0.75-1)	Total/NA	Solid	7471B	
500-233489-31	SB-35 (1-2.5)	Total/NA	Solid	7471B	
500-233489-32	SB-36 (0.25-2.25)	Total/NA	Solid	7471B	
500-233489-34	SB-41 (0.5-1.5)	Total/NA	Solid	7471B	
500-233489-35	SB-40 (0.5-1.5)	Total/NA	Solid	7471B	
500-233489-36	SB-7 (1-3)	Total/NA	Solid	7471B	
MB 500-712940/12-A	Method Blank	Total/NA	Solid	7471B	
LCS 500-712940/13-A	Lab Control Sample	Total/NA	Solid	7471B	
500-233489-32 MS	SB-36 (0.25-2.25)	Total/NA	Solid	7471B	
500-233489-32 MSD	SB-36 (0.25-2.25)	Total/NA	Solid	7471B	
500-233489-32 DU	SB-36 (0.25-2.25)	Total/NA	Solid	7471B	

Analysis Batch: 713304

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-233489-1	SB-2 (0.5-1.5)	Total/NA	Solid	7471B	712925
500-233489-2	SB-3 (0.75-1.5)	Total/NA	Solid	7471B	712925
500-233489-3	SB-4 (2-3.5)	Total/NA	Solid	7471B	712925
500-233489-4	SB-5 (0-2)	Total/NA	Solid	7471B	712925
500-233489-5	SB-8 (4-6)	Total/NA	Solid	7471B	712925

Metals (Continued)

Analysis Batch: 713304 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-233489-6	SB-9 (0-2)	Total/NA	Solid	7471B	712925
500-233489-7	SB-22 (0.5-1.5)	Total/NA	Solid	7471B	712925
500-233489-8	SB-13 (3.25-4)	Total/NA	Solid	7471B	712925
500-233489-10	SB-12 (0.25-1.75)	Total/NA	Solid	7471B	712925
500-233489-11	SB-16 (1.75-3)	Total/NA	Solid	7471B	712925
500-233489-12	SB-15 (1.5-3.5)	Total/NA	Solid	7471B	712925
500-233489-13	SB-37 (2-3.5)	Total/NA	Solid	7471B	712925
500-233489-14	SB-27 (0.5-1)	Total/NA	Solid	7471B	712925
500-233489-15	SB-29 (0.5-1.5)	Total/NA	Solid	7471B	712925
500-233489-16	SB-21 (0.5-1.5)	Total/NA	Solid	7471B	712925
500-233489-17	SB-25 (0-1.5)	Total/NA	Solid	7471B	712925
500-233489-18	SB-26 (0-0.5)	Total/NA	Solid	7471B	712925
500-233489-19	SB-20 (1.5-2)	Total/NA	Solid	7471B	712925
500-233489-20	SB-28 (2-3)	Total/NA	Solid	7471B	712925
500-233489-21	SB-24 (0.5-1.5)	Total/NA	Solid	7471B	712925
500-233489-22	SB-30 (5-6.5)	Total/NA	Solid	7471B	712940
500-233489-23	SB-34 (2-3)	Total/NA	Solid	7471B	712940
500-233489-24	SB-33 (0.5-2)	Total/NA	Solid	7471B	712940
500-233489-25	SB-38 (0.5-1.5)	Total/NA	Solid	7471B	712940
500-233489-26	DUP	Total/NA	Solid	7471B	712940
500-233489-27	SB-43 (0.75-1.5)	Total/NA	Solid	7471B	712940
500-233489-28	SB-45 (0.5-1.5)	Total/NA	Solid	7471B	712940
500-233489-29	SB-31 (0.5-1.5)	Total/NA	Solid	7471B	712940
500-233489-30	SB-44 (0.75-1)	Total/NA	Solid	7471B	712940
500-233489-31	SB-35 (1-2.5)	Total/NA	Solid	7471B	712940
500-233489-32	SB-36 (0.25-2.25)	Total/NA	Solid	7471B	712940
500-233489-34	SB-41 (0.5-1.5)	Total/NA	Solid	7471B	712940
500-233489-35	SB-40 (0.5-1.5)	Total/NA	Solid	7471B	712940
500-233489-36	SB-7 (1-3)	Total/NA	Solid	7471B	712940
MB 500-712925/12-A	Method Blank	Total/NA	Solid	7471B	712925
MB 500-712940/12-A	Method Blank	Total/NA	Solid	7471B	712940
LCS 500-712925/13-A	Lab Control Sample	Total/NA	Solid	7471B	712925
LCS 500-712940/13-A	Lab Control Sample	Total/NA	Solid	7471B	712940
500-233489-10 MS	SB-12 (0.25-1.75)	Total/NA	Solid	7471B	712925
500-233489-10 MSD	SB-12 (0.25-1.75)	Total/NA	Solid	7471B	712925
500-233489-32 MS	SB-36 (0.25-2.25)	Total/NA	Solid	7471B	712940
500-233489-32 MSD	SB-36 (0.25-2.25)	Total/NA	Solid	7471B	712940
500-233489-10 DU	SB-12 (0.25-1.75)	Total/NA	Solid	7471B	712925
500-233489-32 DU	SB-36 (0.25-2.25)	Total/NA	Solid	7471B	712940

Analysis Batch: 713973

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-233489-22	SB-30 (5-6.5)	Total/NA	Solid	6010C	712516
500-233489-23	SB-34 (2-3)	Total/NA	Solid	6010C	712516
500-233489-24	SB-33 (0.5-2)	Total/NA	Solid	6010C	712516
500-233489-25	SB-38 (0.5-1.5)	Total/NA	Solid	6010C	712516
500-233489-26	DUP	Total/NA	Solid	6010C	712516
500-233489-27	SB-43 (0.75-1.5)	Total/NA	Solid	6010C	712516
500-233489-28	SB-45 (0.5-1.5)	Total/NA	Solid	6010C	712516
500-233489-29	SB-31 (0.5-1.5)	Total/NA	Solid	6010C	712516
500-233489-30	SB-44 (0.75-1)	Total/NA	Solid	6010C	712516

Metals (Continued)

Analysis Batch: 713973 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-233489-31	SB-35 (1-2.5)	Total/NA	Solid	6010C	712516
500-233489-32	SB-36 (0.25-2.25)	Total/NA	Solid	6010C	712516
500-233489-34	SB-41 (0.5-1.5)	Total/NA	Solid	6010C	712516
500-233489-35	SB-40 (0.5-1.5)	Total/NA	Solid	6010C	712516
500-233489-36	SB-7 (1-3)	Total/NA	Solid	6010C	712516
MB 500-712516/1-A	Method Blank	Total/NA	Solid	6010C	712516
LCS 500-712516/2-A	Lab Control Sample	Total/NA	Solid	6010C	712516

Analysis Batch: 713974

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-233489-1	SB-2 (0.5-1.5)	Total/NA	Solid	6010C	712438
500-233489-2	SB-3 (0.75-1.5)	Total/NA	Solid	6010C	712438
500-233489-3	SB-4 (2-3.5)	Total/NA	Solid	6010C	712438
500-233489-4	SB-5 (0-2)	Total/NA	Solid	6010C	712438
500-233489-5	SB-8 (4-6)	Total/NA	Solid	6010C	712438
500-233489-6	SB-9 (0-2)	Total/NA	Solid	6010C	712438
500-233489-7	SB-22 (0.5-1.5)	Total/NA	Solid	6010C	712438
500-233489-8	SB-13 (3.25-4)	Total/NA	Solid	6010C	712438
500-233489-10	SB-12 (0.25-1.75)	Total/NA	Solid	6010C	712438
500-233489-11	SB-16 (1.75-3)	Total/NA	Solid	6010C	712438
500-233489-12	SB-15 (1.5-3.5)	Total/NA	Solid	6010C	712438
500-233489-13	SB-37 (2-3.5)	Total/NA	Solid	6010C	712438
500-233489-14	SB-27 (0.5-1)	Total/NA	Solid	6010C	712438
500-233489-15	SB-29 (0.5-1.5)	Total/NA	Solid	6010C	712438
500-233489-16	SB-21 (0.5-1.5)	Total/NA	Solid	6010C	712438
500-233489-17	SB-25 (0-1.5)	Total/NA	Solid	6010C	712438
500-233489-18	SB-26 (0-0.5)	Total/NA	Solid	6010C	712438
500-233489-19	SB-20 (1.5-2)	Total/NA	Solid	6010C	712438
500-233489-20	SB-28 (2-3)	Total/NA	Solid	6010C	712438
500-233489-21	SB-24 (0.5-1.5)	Total/NA	Solid	6010C	712438
MB 500-712438/1-A	Method Blank	Total/NA	Solid	6010C	712438
LCS 500-712438/2-A	Lab Control Sample	Total/NA	Solid	6010C	712438
500-233489-1 MS	SB-2 (0.5-1.5)	Total/NA	Solid	6010C	712438
500-233489-1 MSD	SB-2 (0.5-1.5)	Total/NA	Solid	6010C	712438
500-233489-1 DU	SB-2 (0.5-1.5)	Total/NA	Solid	6010C	712438

General Chemistry

Analysis Batch: 712635

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-233489-1	SB-2 (0.5-1.5)	Total/NA	Solid	Moisture	
500-233489-2	SB-3 (0.75-1.5)	Total/NA	Solid	Moisture	
500-233489-3	SB-4 (2-3.5)	Total/NA	Solid	Moisture	
500-233489-4	SB-5 (0-2)	Total/NA	Solid	Moisture	
500-233489-5	SB-8 (4-6)	Total/NA	Solid	Moisture	
500-233489-6	SB-9 (0-2)	Total/NA	Solid	Moisture	
500-233489-7	SB-22 (0.5-1.5)	Total/NA	Solid	Moisture	
500-233489-8	SB-13 (3.25-4)	Total/NA	Solid	Moisture	
500-233489-10	SB-12 (0.25-1.75)	Total/NA	Solid	Moisture	
500-233489-11	SB-16 (1.75-3)	Total/NA	Solid	Moisture	
500-233489-12	SB-15 (1.5-3.5)	Total/NA	Solid	Moisture	

General Chemistry (Continued)

Analysis Batch: 712635 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-233489-13	SB-37 (2-3.5)	Total/NA	Solid	Moisture	
500-233489-14	SB-27 (0.5-1)	Total/NA	Solid	Moisture	
500-233489-15	SB-29 (0.5-1.5)	Total/NA	Solid	Moisture	
500-233489-16	SB-21 (0.5-1.5)	Total/NA	Solid	Moisture	
500-233489-17	SB-25 (0-1.5)	Total/NA	Solid	Moisture	
500-233489-18	SB-26 (0-0.5)	Total/NA	Solid	Moisture	
500-233489-19	SB-20 (1.5-2)	Total/NA	Solid	Moisture	
500-233489-20	SB-28 (2-3)	Total/NA	Solid	Moisture	
500-233489-1 DU	SB-2 (0.5-1.5)	Total/NA	Solid	Moisture	

Analysis Batch: 712657

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-233489-21	SB-24 (0.5-1.5)	Total/NA	Solid	Moisture	
500-233489-22	SB-30 (5-6.5)	Total/NA	Solid	Moisture	
500-233489-23	SB-34 (2-3)	Total/NA	Solid	Moisture	
500-233489-24	SB-33 (0.5-2)	Total/NA	Solid	Moisture	
500-233489-25	SB-38 (0.5-1.5)	Total/NA	Solid	Moisture	
500-233489-26	DUP	Total/NA	Solid	Moisture	
500-233489-27	SB-43 (0.75-1.5)	Total/NA	Solid	Moisture	
500-233489-28	SB-45 (0.5-1.5)	Total/NA	Solid	Moisture	
500-233489-29	SB-31 (0.5-1.5)	Total/NA	Solid	Moisture	
500-233489-30	SB-44 (0.75-1)	Total/NA	Solid	Moisture	
500-233489-31	SB-35 (1-2.5)	Total/NA	Solid	Moisture	
500-233489-32	SB-36 (0.25-2.25)	Total/NA	Solid	Moisture	
500-233489-33	SB-14 (0-2)	Total/NA	Solid	Moisture	
500-233489-34	SB-41 (0.5-1.5)	Total/NA	Solid	Moisture	
500-233489-35	SB-40 (0.5-1.5)	Total/NA	Solid	Moisture	
500-233489-36	SB-7 (1-3)	Total/NA	Solid	Moisture	
500-233489-21 DU	SB-24 (0.5-1.5)	Total/NA	Solid	Moisture	

Surrogate Summary

Client: Stantec Consulting Corp.
Job ID: 500-233489-1
Project/Site: 333 Reed Avenue Soil Char - 193709261

Method: 8260B - Volatile Organic Compounds (GC/MS)

Matrix: Solid
Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)			
		DCA	BFB	DBFM	TOL
Lab Sample ID	Client Sample ID	(75-126)	(72-124)	(75-120)	(75-120)
500-233489-1	SB-2 (0.5-1.5)	97	110	97	111
500-233489-2	SB-3 (0.75-1.5)	96	114	94	110
500-233489-3	SB-4 (2-3.5)	92	111	94	111
500-233489-4	SB-5 (0-2)	96	110	97	111
500-233489-5	SB-8 (4-6)	95	115	95	110
500-233489-6	SB-9 (0-2)	95	112	93	110
500-233489-7	SB-22 (0.5-1.5)	93	113	93	109
500-233489-8	SB-13 (3.25-4)	97	117	95	111
500-233489-8 MS	SB-13 (3.25-4)	94	98	97	111
500-233489-9	Trip Blank	97	112	96	112
500-233489-10	SB-12 (0.25-1.75)	89	103	96	94
500-233489-11	SB-16 (1.75-3)	91	103	98	96
500-233489-12	SB-15 (1.5-3.5)	89	103	97	96
500-233489-13	SB-37 (2-3.5)	89	105	97	97
500-233489-14	SB-27 (0.5-1)	89	99	98	96
500-233489-15	SB-29 (0.5-1.5)	91	104	98	94
500-233489-16	SB-21 (0.5-1.5)	91	105	99	96
500-233489-17	SB-25 (0-1.5)	89	102	98	95
500-233489-18	SB-26 (0-0.5)	90	99	98	95
500-233489-19	SB-20 (1.5-2)	90	100	97	95
500-233489-20	SB-28 (2-3)	91	102	99	95
500-233489-21	SB-24 (0.5-1.5)	101	113	94	111
500-233489-22	SB-30 (5-6.5)	100	109	93	109
500-233489-23	SB-34 (2-3)	99	110	93	109
500-233489-24	SB-33 (0.5-2)	100	110	93	110
500-233489-25	SB-38 (0.5-1.5)	102	109	94	110
500-233489-26	DUP	103	110	96	109
500-233489-27	SB-43 (0.75-1.5)	102	107	94	110
500-233489-28	SB-45 (0.5-1.5)	99	118	93	111
500-233489-29	SB-31 (0.5-1.5)	100	109	94	111
500-233489-30	SB-44 (0.75-1)	103	109	94	106
500-233489-31	SB-35 (1-2.5)	102	109	94	107
500-233489-32	SB-36 (0.25-2.25)	104	110	93	108
500-233489-33	SB-14 (0-2)	102	110	93	108
500-233489-34	SB-41 (0.5-1.5)	103	108	95	109
500-233489-35	SB-40 (0.5-1.5)	102	110	94	109
500-233489-36	SB-7 (1-3)	101	110	92	107
500-233489-36 MS	SB-7 (1-3)	99	114	96	110
500-233489-36 MSD	SB-7 (1-3)	99	111	96	108
LB3 500-712293/21-A	Method Blank	95	111	94	113
LB3 500-712296/17-A	Method Blank	102	109	94	108
LCS 500-712293/22-A	Lab Control Sample	92	93	94	111
LCS 500-712296/18-A	Lab Control Sample	98	113	95	110
LCS 500-713382/5	Lab Control Sample	90	89	91	111
LCS 500-713604/5	Lab Control Sample	88	103	98	97
LCS 500-713616/8	Lab Control Sample	100	111	98	108
MB 500-713382/7	Method Blank	97	111	94	110
MB 500-713604/7	Method Blank	89	102	98	96
MB 500-713616/7	Method Blank	100	110	97	110

Surrogate Summary

Client: Stantec Consulting Corp.
Project/Site: 333 Reed Avenue Soil Char - 193709261

Job ID: 500-233489-1

Surrogate Legend

DCA = 1,2-Dichloroethane-d4 (Surr)
BFB = 4-Bromofluorobenzene (Surr)
DBFM = Dibromofluoromethane (Surr)
TOL = Toluene-d8 (Surr)

Method: 8270E - Semivolatile Organic Compounds (GC/MS)

Matrix: Solid **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)		
Lab Sample ID	Client Sample ID	NBZ (37-147)	FBP (43-145)	TPHL (42-157)
500-233489-1	SB-2 (0.5-1.5)	48	48	49
500-233489-2	SB-3 (0.75-1.5)	53	57	64
500-233489-2 MS	SB-3 (0.75-1.5)	72	77	88
500-233489-2 MSD	SB-3 (0.75-1.5)	63	67	71
500-233489-3	SB-4 (2-3.5)	67	68	74
500-233489-4	SB-5 (0-2)	70	76	83
500-233489-5	SB-8 (4-6)	61	66	78
500-233489-6	SB-9 (0-2)	59	60	73
500-233489-7	SB-22 (0.5-1.5)	63	67	74
500-233489-8	SB-13 (3.25-4)	46	52	65
500-233489-10	SB-12 (0.25-1.75)	68	69	79
500-233489-11	SB-16 (1.75-3)	38	39 S1-	43
500-233489-12	SB-15 (1.5-3.5)	82	81	89
500-233489-13	SB-37 (2-3.5)	64	66	79
500-233489-14	SB-27 (0.5-1)	68	73	81
500-233489-15	SB-29 (0.5-1.5)	70	73	85
500-233489-16	SB-21 (0.5-1.5)	62	65	78
500-233489-17	SB-25 (0-1.5)	71	75	86
500-233489-18	SB-26 (0-0.5)	70	73	87
500-233489-19	SB-20 (1.5-2)	65	69	83
500-233489-20	SB-28 (2-3)	65	67	80
500-233489-21	SB-24 (0.5-1.5)	51	55	72
500-233489-22	SB-30 (5-6.5)	79	94	99
500-233489-23	SB-34 (2-3)	61	70	79
500-233489-24	SB-33 (0.5-2)	77	86	96
500-233489-25	SB-38 (0.5-1.5)	76	88	95
500-233489-26	DUP	70	83	90
500-233489-27	SB-43 (0.75-1.5)	72	79	101
500-233489-28	SB-45 (0.5-1.5)	66	75	99
500-233489-29	SB-31 (0.5-1.5)	63	71	89
500-233489-30	SB-44 (0.75-1)	63	74	101
500-233489-31	SB-35 (1-2.5)	58	66	89
500-233489-32	SB-36 (0.25-2.25)	61	71	94
500-233489-34	SB-41 (0.5-1.5)	60	67	74
500-233489-35	SB-40 (0.5-1.5)	53	58	77
500-233489-36	SB-7 (1-3)	59	68	86
LCS 500-712339/2-A	Lab Control Sample	86	94	100
LCS 500-712490/2-A	Lab Control Sample	80	83	88
MB 500-712339/1-A	Method Blank	86	100	101
MB 500-712490/1-A	Method Blank	85	89	95

Surrogate Legend

NBZ = Nitrobenzene-d5 (Surr)
FBP = 2-Fluorobiphenyl (Surr)

Surrogate Summary

Client: Stantec Consulting Corp.
Job ID: 500-233489-1
Project/Site: 333 Reed Avenue Soil Char - 193709261

TPHL = Terphenyl-d14 (Surr)

Method: 8260B - Volatile Organic Compounds (GC/MS)

Lab Sample ID: LB3 500-712293/21-A
Matrix: Solid
Analysis Batch: 713382

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 712293

Analyte	LB3 Result	LB3 Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<23		50	23	ug/Kg		05/09/23 19:35	05/16/23 02:47	50
1,1,1-Trichloroethane	<19		50	19	ug/Kg		05/09/23 19:35	05/16/23 02:47	50
1,1,2,2-Tetrachloroethane	<20		50	20	ug/Kg		05/09/23 19:35	05/16/23 02:47	50
1,1,2-Trichloroethane	<18		50	18	ug/Kg		05/09/23 19:35	05/16/23 02:47	50
1,1-Dichloroethane	<21		50	21	ug/Kg		05/09/23 19:35	05/16/23 02:47	50
1,1-Dichloroethene	<20		50	20	ug/Kg		05/09/23 19:35	05/16/23 02:47	50
1,1-Dichloropropene	<15		50	15	ug/Kg		05/09/23 19:35	05/16/23 02:47	50
1,2,3-Trichlorobenzene	<23		50	23	ug/Kg		05/09/23 19:35	05/16/23 02:47	50
1,2,3-Trichloropropane	<21		100	21	ug/Kg		05/09/23 19:35	05/16/23 02:47	50
1,2,4-Trichlorobenzene	<17		50	17	ug/Kg		05/09/23 19:35	05/16/23 02:47	50
1,2,4-Trimethylbenzene	<18		50	18	ug/Kg		05/09/23 19:35	05/16/23 02:47	50
1,2-Dibromo-3-Chloropropane	<100		250	100	ug/Kg		05/09/23 19:35	05/16/23 02:47	50
1,2-Dibromoethane	<19		50	19	ug/Kg		05/09/23 19:35	05/16/23 02:47	50
1,2-Dichlorobenzene	<17		50	17	ug/Kg		05/09/23 19:35	05/16/23 02:47	50
1,2-Dichloroethane	<20		50	20	ug/Kg		05/09/23 19:35	05/16/23 02:47	50
1,2-Dichloropropane	<21		50	21	ug/Kg		05/09/23 19:35	05/16/23 02:47	50
1,3,5-Trimethylbenzene	<19		50	19	ug/Kg		05/09/23 19:35	05/16/23 02:47	50
1,3-Dichlorobenzene	<20		50	20	ug/Kg		05/09/23 19:35	05/16/23 02:47	50
1,3-Dichloropropane	<18		50	18	ug/Kg		05/09/23 19:35	05/16/23 02:47	50
1,4-Dichlorobenzene	<18		50	18	ug/Kg		05/09/23 19:35	05/16/23 02:47	50
2,2-Dichloropropane	<22		50	22	ug/Kg		05/09/23 19:35	05/16/23 02:47	50
2-Chlorotoluene	<16		50	16	ug/Kg		05/09/23 19:35	05/16/23 02:47	50
4-Chlorotoluene	<18		50	18	ug/Kg		05/09/23 19:35	05/16/23 02:47	50
Benzene	<7.3		13	7.3	ug/Kg		05/09/23 19:35	05/16/23 02:47	50
Bromobenzene	<18		50	18	ug/Kg		05/09/23 19:35	05/16/23 02:47	50
Bromochloromethane	<21		50	21	ug/Kg		05/09/23 19:35	05/16/23 02:47	50
Dichlorobromomethane	<19		50	19	ug/Kg		05/09/23 19:35	05/16/23 02:47	50
Bromoform	<24		50	24	ug/Kg		05/09/23 19:35	05/16/23 02:47	50
Bromomethane	<40		150	40	ug/Kg		05/09/23 19:35	05/16/23 02:47	50
Carbon tetrachloride	<19		50	19	ug/Kg		05/09/23 19:35	05/16/23 02:47	50
Chlorobenzene	<19		50	19	ug/Kg		05/09/23 19:35	05/16/23 02:47	50
Chloroethane	<25		50	25	ug/Kg		05/09/23 19:35	05/16/23 02:47	50
Chloroform	<19		100	19	ug/Kg		05/09/23 19:35	05/16/23 02:47	50
Chloromethane	<16		50	16	ug/Kg		05/09/23 19:35	05/16/23 02:47	50
cis-1,2-Dichloroethene	<20		50	20	ug/Kg		05/09/23 19:35	05/16/23 02:47	50
cis-1,3-Dichloropropene	<21		50	21	ug/Kg		05/09/23 19:35	05/16/23 02:47	50
Dibromochloromethane	<24		50	24	ug/Kg		05/09/23 19:35	05/16/23 02:47	50
Dibromomethane	<14		50	14	ug/Kg		05/09/23 19:35	05/16/23 02:47	50
Dichlorodifluoromethane	<34		150	34	ug/Kg		05/09/23 19:35	05/16/23 02:47	50
Ethylbenzene	<9.2		13	9.2	ug/Kg		05/09/23 19:35	05/16/23 02:47	50
Hexachlorobutadiene	<22		50	22	ug/Kg		05/09/23 19:35	05/16/23 02:47	50
Isopropyl ether	<14		50	14	ug/Kg		05/09/23 19:35	05/16/23 02:47	50
Isopropylbenzene	<19		50	19	ug/Kg		05/09/23 19:35	05/16/23 02:47	50
Methyl tert-butyl ether	<20		50	20	ug/Kg		05/09/23 19:35	05/16/23 02:47	50
Methylene Chloride	<82		250	82	ug/Kg		05/09/23 19:35	05/16/23 02:47	50
Naphthalene	<17		50	17	ug/Kg		05/09/23 19:35	05/16/23 02:47	50
n-Butylbenzene	<19		50	19	ug/Kg		05/09/23 19:35	05/16/23 02:47	50
N-Propylbenzene	<21		50	21	ug/Kg		05/09/23 19:35	05/16/23 02:47	50

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LB3 500-712293/21-A
Matrix: Solid
Analysis Batch: 713382

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 712293

Analyte	LB3 Result	LB3 Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
p-Isopropyltoluene	<18		50	18	ug/Kg		05/09/23 19:35	05/16/23 02:47	50
sec-Butylbenzene	<20		50	20	ug/Kg		05/09/23 19:35	05/16/23 02:47	50
Styrene	<19		50	19	ug/Kg		05/09/23 19:35	05/16/23 02:47	50
tert-Butylbenzene	<20		50	20	ug/Kg		05/09/23 19:35	05/16/23 02:47	50
Tetrachloroethene	<19		50	19	ug/Kg		05/09/23 19:35	05/16/23 02:47	50
Toluene	<7.4		13	7.4	ug/Kg		05/09/23 19:35	05/16/23 02:47	50
trans-1,2-Dichloroethene	<18		50	18	ug/Kg		05/09/23 19:35	05/16/23 02:47	50
trans-1,3-Dichloropropene	<18		50	18	ug/Kg		05/09/23 19:35	05/16/23 02:47	50
Trichloroethene	<8.2		25	8.2	ug/Kg		05/09/23 19:35	05/16/23 02:47	50
Trichlorofluoromethane	<21		50	21	ug/Kg		05/09/23 19:35	05/16/23 02:47	50
Vinyl chloride	<13		50	13	ug/Kg		05/09/23 19:35	05/16/23 02:47	50
Xylenes, Total	<11		25	11	ug/Kg		05/09/23 19:35	05/16/23 02:47	50

Surrogate	*LB3 %Recovery*	*LB3 Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*95*		*75 - 126*	*05/09/23 19:35*	*05/16/23 02:47*	*50*
4-Bromofluorobenzene (Surr)	*111*		*72 - 124*	*05/09/23 19:35*	*05/16/23 02:47*	*50*
Dibromofluoromethane (Surr)	*94*		*75 - 120*	*05/09/23 19:35*	*05/16/23 02:47*	*50*
Toluene-d8 (Surr)	*113*		*75 - 120*	*05/09/23 19:35*	*05/16/23 02:47*	*50*

Lab Sample ID: LCS 500-712293/22-A
Matrix: Solid
Analysis Batch: 713382

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 712293

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,1,1,2-Tetrachloroethane	2500	2890		ug/Kg		116	70 - 125
1,1,1-Trichloroethane	2500	2680		ug/Kg		107	70 - 125
1,1,2,2-Tetrachloroethane	2500	2690		ug/Kg		107	62 - 140
1,1,2-Trichloroethane	2500	3120		ug/Kg		125	71 - 130
1,1-Dichloroethane	2500	2800		ug/Kg		112	70 - 125
1,1-Dichloroethene	2500	2580		ug/Kg		103	67 - 122
1,1-Dichloropropene	2500	2640		ug/Kg		105	70 - 121
1,2,3-Trichlorobenzene	2500	3170		ug/Kg		127	51 - 145
1,2,3-Trichloropropane	2500	2790		ug/Kg		112	50 - 133
1,2,4-Trichlorobenzene	2500	2850		ug/Kg		114	57 - 137
1,2,4-Trimethylbenzene	2500	2670		ug/Kg		107	70 - 123
1,2-Dibromo-3-Chloropropane	2500	2670		ug/Kg		107	56 - 123
1,2-Dibromoethane	2500	3010		ug/Kg		121	70 - 125
1,2-Dichlorobenzene	2500	2710		ug/Kg		108	70 - 125
1,2-Dichloroethane	2500	2690		ug/Kg		108	68 - 127
1,2-Dichloropropane	2500	2820		ug/Kg		113	67 - 130
1,3,5-Trimethylbenzene	2500	2660		ug/Kg		106	70 - 123
1,3-Dichlorobenzene	2500	2530		ug/Kg		101	70 - 125
1,3-Dichloropropane	2500	3160		ug/Kg		126	62 - 136
1,4-Dichlorobenzene	2500	2710		ug/Kg		108	70 - 120
2,2-Dichloropropane	2500	2600		ug/Kg		104	58 - 139
2-Chlorotoluene	2500	2730		ug/Kg		109	70 - 125
4-Chlorotoluene	2500	2840		ug/Kg		114	68 - 124
Benzene	2500	2820		ug/Kg		113	70 - 120

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 500-712293/22-A
Matrix: Solid
Analysis Batch: 713382

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 712293

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Bromobenzene	2500	2660		ug/Kg		106	70 - 122
Bromochloromethane	2500	2640		ug/Kg		106	65 - 122
Dichlorobromomethane	2500	2950		ug/Kg		118	69 - 120
Bromoform	2500	3120		ug/Kg		125	56 - 132
Bromomethane	2500	3240		ug/Kg		129	40 - 152
Carbon tetrachloride	2500	2580		ug/Kg		103	59 - 133
Chlorobenzene	2500	2870		ug/Kg		115	70 - 120
Chloroethane	2500	2650		ug/Kg		106	48 - 136
Chloroform	2500	2740		ug/Kg		110	70 - 120
Chloromethane	2500	1900		ug/Kg		76	56 - 152
cis-1,2-Dichloroethene	2500	2750		ug/Kg		110	70 - 125
cis-1,3-Dichloropropene	2500	3110		ug/Kg		124	64 - 127
Dibromochloromethane	2500	3000		ug/Kg		120	68 - 125
Dibromomethane	2500	2870		ug/Kg		115	70 - 120
Dichlorodifluoromethane	2500	1370		ug/Kg		55	40 - 159
Ethylbenzene	2500	2770		ug/Kg		111	70 - 123
Hexachlorobutadiene	2500	3620		ug/Kg		145	51 - 150
Isopropylbenzene	2500	2490		ug/Kg		100	70 - 126
Methyl tert-butyl ether	2500	2700		ug/Kg		108	55 - 123
Methylene Chloride	2500	2760		ug/Kg		110	69 - 125
Naphthalene	2500	2770		ug/Kg		111	53 - 144
n-Butylbenzene	2500	2570		ug/Kg		103	68 - 125
N-Propylbenzene	2500	2660		ug/Kg		107	69 - 127
p-Isopropyltoluene	2500	2670		ug/Kg		107	70 - 125
sec-Butylbenzene	2500	2670		ug/Kg		107	70 - 123
Styrene	2500	2860		ug/Kg		114	70 - 120
tert-Butylbenzene	2500	2650		ug/Kg		106	70 - 121
Tetrachloroethene	2500	3270	*+	ug/Kg		131	70 - 128
Toluene	2500	3200	*+	ug/Kg		128	70 - 125
trans-1,2-Dichloroethene	2500	2810		ug/Kg		112	70 - 125
trans-1,3-Dichloropropene	2500	3060		ug/Kg		122	62 - 128
Trichloroethene	2500	2620		ug/Kg		105	70 - 125
Trichlorofluoromethane	2500	2650		ug/Kg		106	55 - 128
Vinyl chloride	2500	1980		ug/Kg		79	64 - 126
Xylenes, Total	5000	5940		ug/Kg		119	70 - 125

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*92*		*75 - 126*
4-Bromofluorobenzene (Surr)	*93*		*72 - 124*
Dibromofluoromethane (Surr)	*94*		*75 - 120*
Toluene-d8 (Surr)	*111*		*75 - 120*

Lab Sample ID: 500-233489-8 MS
Matrix: Solid
Analysis Batch: 713382

Client Sample ID: SB-13 (3.25-4)
Prep Type: Total/NA
Prep Batch: 712293

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
1,1,1,2-Tetrachloroethane	<49		5260	5000		ug/Kg	☼	95	70 - 125

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 500-233489-8 MS
Client Sample ID: SB-13 (3.25-4)
Matrix: Solid
Prep Type: Total/NA
Analysis Batch: 713382
Prep Batch: 712293

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
1,1,1-Trichloroethane	<40		5260	4810		ug/Kg	☼	91	70 - 125
1,1,2,2-Tetrachloroethane	<42		5260	5000		ug/Kg	☼	95	62 - 140
1,1,2-Trichloroethane	<37		5260	5650		ug/Kg	☼	107	71 - 130
1,1-Dichloroethane	<43		5260	5180		ug/Kg	☼	98	70 - 125
1,1-Dichloroethene	<41		5260	5220		ug/Kg	☼	99	67 - 122
1,1-Dichloropropene	<31		5260	4790		ug/Kg	☼	91	70 - 121
1,2,3-Trichlorobenzene	<48		5260	6670		ug/Kg	☼	127	51 - 145
1,2,3-Trichloropropane	<44	F1	5260	5060		ug/Kg	☼	96	50 - 133
1,2,4-Trichlorobenzene	<36		5260	5720		ug/Kg	☼	109	57 - 137
1,2,4-Trimethylbenzene	<38		5260	4880		ug/Kg	☼	93	70 - 123
1,2-Dibromo-3-Chloropropane	<210		5260	5280		ug/Kg	☼	100	56 - 123
1,2-Dibromoethane	<41		5260	5420		ug/Kg	☼	103	70 - 125
1,2-Dichlorobenzene	<35		5260	5050		ug/Kg	☼	96	70 - 125
1,2-Dichloroethane	<41		5260	4840		ug/Kg	☼	92	68 - 127
1,2-Dichloropropane	<45		5260	5120		ug/Kg	☼	97	67 - 130
1,3,5-Trimethylbenzene	<40		5260	4860		ug/Kg	☼	92	70 - 123
1,3-Dichlorobenzene	<42		5260	4760		ug/Kg	☼	91	70 - 125
1,3-Dichloropropane	<38		5260	5560		ug/Kg	☼	106	62 - 136
1,4-Dichlorobenzene	<38		5260	5030		ug/Kg	☼	96	70 - 120
2,2-Dichloropropane	<47		5260	4760		ug/Kg	☼	90	58 - 139
2-Chlorotoluene	<33		5260	5050		ug/Kg	☼	96	70 - 125
4-Chlorotoluene	<37		5260	5220		ug/Kg	☼	99	68 - 124
Benzene	<15		5260	5130		ug/Kg	☼	98	70 - 120
Bromobenzene	<37		5260	4920		ug/Kg	☼	93	70 - 122
Bromochloromethane	<45		5260	4940		ug/Kg	☼	94	65 - 122
Dichlorobromomethane	<39		5260	5300		ug/Kg	☼	101	69 - 120
Bromoform	<51		5260	5430		ug/Kg	☼	103	56 - 132
Bromomethane	<84		5260	6570		ug/Kg	☼	125	40 - 152
Carbon tetrachloride	<40		5260	4580		ug/Kg	☼	87	59 - 133
Chlorobenzene	<41		5260	5140		ug/Kg	☼	98	70 - 120
Chloroethane	<53		5260	5020		ug/Kg	☼	95	48 - 136
Chloroform	<39		5260	5080		ug/Kg	☼	97	70 - 120
Chloromethane	<34		5260	5570		ug/Kg	☼	106	56 - 152
cis-1,2-Dichloroethene	<43		5260	5070		ug/Kg	☼	96	70 - 125
cis-1,3-Dichloropropene	<44		5260	5490		ug/Kg	☼	104	64 - 127
Dibromochloromethane	<51		5260	5260		ug/Kg	☼	100	68 - 125
Dibromomethane	<28		5260	5350		ug/Kg	☼	102	70 - 120
Dichlorodifluoromethane	<71		5260	5680		ug/Kg	☼	108	40 - 159
Ethylbenzene	<19		5260	4810		ug/Kg	☼	91	70 - 123
Hexachlorobutadiene	<47		5260	6880		ug/Kg	☼	131	51 - 150
Isopropylbenzene	<40		5260	4530		ug/Kg	☼	86	70 - 126
Methyl tert-butyl ether	<41		5260	5020		ug/Kg	☼	95	55 - 123
Methylene Chloride	<170		5260	5250		ug/Kg	☼	100	69 - 125
Naphthalene	<35		5260	5690		ug/Kg	☼	108	53 - 144
n-Butylbenzene	<41		5260	4820		ug/Kg	☼	92	68 - 125
N-Propylbenzene	<44		5260	4890		ug/Kg	☼	93	69 - 127
p-Isopropyltoluene	<38		5260	4830		ug/Kg	☼	92	70 - 125
sec-Butylbenzene	<42		5260	4740		ug/Kg	☼	90	70 - 123
Styrene	<41		5260	4900		ug/Kg	☼	93	70 - 120

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 500-233489-8 MS
Matrix: Solid
Analysis Batch: 713382

Client Sample ID: SB-13 (3.25-4)
Prep Type: Total/NA
Prep Batch: 712293

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
tert-Butylbenzene	<42		5260	4780		ug/Kg	☼	91	70 - 121
Tetrachloroethene	<39	*+	5260	5770		ug/Kg	☼	110	70 - 128
Toluene	<15	*+	5260	5570		ug/Kg	☼	106	70 - 125
trans-1,2-Dichloroethene	<37		5260	5160		ug/Kg	☼	98	70 - 125
trans-1,3-Dichloropropene	<38		5260	5370		ug/Kg	☼	102	62 - 128
Trichloroethene	<17		5260	4830		ug/Kg	☼	92	70 - 125
Trichlorofluoromethane	<45	F1	5260	2400	F1	ug/Kg	☼	46	55 - 128
Vinyl chloride	<28		5260	4720		ug/Kg	☼	90	64 - 126
Xylenes, Total	<23		10500	10400		ug/Kg	☼	99	70 - 125

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*94*		*75 - 126*
4-Bromofluorobenzene (Surr)	*98*		*72 - 124*
Dibromofluoromethane (Surr)	*97*		*75 - 120*
Toluene-d8 (Surr)	*111*		*75 - 120*

Lab Sample ID: LB3 500-712296/17-A
Matrix: Solid
Analysis Batch: 713616

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 712296

Analyte	LB3 Result	LB3 Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<23		50	23	ug/Kg		05/09/23 19:35	05/17/23 01:06	50
1,1,1-Trichloroethane	<19		50	19	ug/Kg		05/09/23 19:35	05/17/23 01:06	50
1,1,2,2-Tetrachloroethane	<20		50	20	ug/Kg		05/09/23 19:35	05/17/23 01:06	50
1,1,2-Trichloroethane	<18		50	18	ug/Kg		05/09/23 19:35	05/17/23 01:06	50
1,1-Dichloroethane	<21		50	21	ug/Kg		05/09/23 19:35	05/17/23 01:06	50
1,1-Dichloroethene	<20		50	20	ug/Kg		05/09/23 19:35	05/17/23 01:06	50
1,1-Dichloropropene	<15		50	15	ug/Kg		05/09/23 19:35	05/17/23 01:06	50
1,2,3-Trichlorobenzene	24.9	J	50	23	ug/Kg		05/09/23 19:35	05/17/23 01:06	50
1,2,3-Trichloropropane	<21		100	21	ug/Kg		05/09/23 19:35	05/17/23 01:06	50
1,2,4-Trichlorobenzene	21.1	J	50	17	ug/Kg		05/09/23 19:35	05/17/23 01:06	50
1,2,4-Trimethylbenzene	<18		50	18	ug/Kg		05/09/23 19:35	05/17/23 01:06	50
1,2-Dibromo-3-Chloropropane	<100		250	100	ug/Kg		05/09/23 19:35	05/17/23 01:06	50
1,2-Dibromoethane	<19		50	19	ug/Kg		05/09/23 19:35	05/17/23 01:06	50
1,2-Dichlorobenzene	<17		50	17	ug/Kg		05/09/23 19:35	05/17/23 01:06	50
1,2-Dichloroethane	<20		50	20	ug/Kg		05/09/23 19:35	05/17/23 01:06	50
1,2-Dichloropropane	<21		50	21	ug/Kg		05/09/23 19:35	05/17/23 01:06	50
1,3,5-Trimethylbenzene	<19		50	19	ug/Kg		05/09/23 19:35	05/17/23 01:06	50
1,3-Dichlorobenzene	<20		50	20	ug/Kg		05/09/23 19:35	05/17/23 01:06	50
1,3-Dichloropropane	<18		50	18	ug/Kg		05/09/23 19:35	05/17/23 01:06	50
1,4-Dichlorobenzene	<18		50	18	ug/Kg		05/09/23 19:35	05/17/23 01:06	50
2,2-Dichloropropane	<22		50	22	ug/Kg		05/09/23 19:35	05/17/23 01:06	50
2-Chlorotoluene	<16		50	16	ug/Kg		05/09/23 19:35	05/17/23 01:06	50
4-Chlorotoluene	<18		50	18	ug/Kg		05/09/23 19:35	05/17/23 01:06	50
Benzene	<7.3		13	7.3	ug/Kg		05/09/23 19:35	05/17/23 01:06	50
Bromobenzene	<18		50	18	ug/Kg		05/09/23 19:35	05/17/23 01:06	50
Bromochloromethane	<21		50	21	ug/Kg		05/09/23 19:35	05/17/23 01:06	50
Dichlorobromomethane	<19		50	19	ug/Kg		05/09/23 19:35	05/17/23 01:06	50

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LB3 500-712296/17-A
Matrix: Solid
Analysis Batch: 713616

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 712296

Analyte	LB3 Result	LB3 Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Bromoform	<24		50	24	ug/Kg		05/09/23 19:35	05/17/23 01:06	50
Bromomethane	<40		150	40	ug/Kg		05/09/23 19:35	05/17/23 01:06	50
Carbon tetrachloride	<19		50	19	ug/Kg		05/09/23 19:35	05/17/23 01:06	50
Chlorobenzene	<19		50	19	ug/Kg		05/09/23 19:35	05/17/23 01:06	50
Chloroethane	<25		50	25	ug/Kg		05/09/23 19:35	05/17/23 01:06	50
Chloroform	<19		100	19	ug/Kg		05/09/23 19:35	05/17/23 01:06	50
Chloromethane	<16		50	16	ug/Kg		05/09/23 19:35	05/17/23 01:06	50
cis-1,2-Dichloroethene	<20		50	20	ug/Kg		05/09/23 19:35	05/17/23 01:06	50
cis-1,3-Dichloropropene	<21		50	21	ug/Kg		05/09/23 19:35	05/17/23 01:06	50
Dibromochloromethane	<24		50	24	ug/Kg		05/09/23 19:35	05/17/23 01:06	50
Dibromomethane	<14		50	14	ug/Kg		05/09/23 19:35	05/17/23 01:06	50
Dichlorodifluoromethane	<34		150	34	ug/Kg		05/09/23 19:35	05/17/23 01:06	50
Ethylbenzene	<9.2		13	9.2	ug/Kg		05/09/23 19:35	05/17/23 01:06	50
Hexachlorobutadiene	<22		50	22	ug/Kg		05/09/23 19:35	05/17/23 01:06	50
Isopropyl ether	<14		50	14	ug/Kg		05/09/23 19:35	05/17/23 01:06	50
Isopropylbenzene	<19		50	19	ug/Kg		05/09/23 19:35	05/17/23 01:06	50
Methyl tert-butyl ether	<20		50	20	ug/Kg		05/09/23 19:35	05/17/23 01:06	50
Methylene Chloride	<82		250	82	ug/Kg		05/09/23 19:35	05/17/23 01:06	50
Naphthalene	26.0	J	50	17	ug/Kg		05/09/23 19:35	05/17/23 01:06	50
n-Butylbenzene	<19		50	19	ug/Kg		05/09/23 19:35	05/17/23 01:06	50
N-Propylbenzene	<21		50	21	ug/Kg		05/09/23 19:35	05/17/23 01:06	50
p-Isopropyltoluene	<18		50	18	ug/Kg		05/09/23 19:35	05/17/23 01:06	50
sec-Butylbenzene	<20		50	20	ug/Kg		05/09/23 19:35	05/17/23 01:06	50
Styrene	<19		50	19	ug/Kg		05/09/23 19:35	05/17/23 01:06	50
tert-Butylbenzene	<20		50	20	ug/Kg		05/09/23 19:35	05/17/23 01:06	50
Tetrachloroethene	<19		50	19	ug/Kg		05/09/23 19:35	05/17/23 01:06	50
Toluene	<7.4		13	7.4	ug/Kg		05/09/23 19:35	05/17/23 01:06	50
trans-1,2-Dichloroethene	<18		50	18	ug/Kg		05/09/23 19:35	05/17/23 01:06	50
trans-1,3-Dichloropropene	<18		50	18	ug/Kg		05/09/23 19:35	05/17/23 01:06	50
Trichloroethene	<8.2		25	8.2	ug/Kg		05/09/23 19:35	05/17/23 01:06	50
Trichlorofluoromethane	<21		50	21	ug/Kg		05/09/23 19:35	05/17/23 01:06	50
Vinyl chloride	<13		50	13	ug/Kg		05/09/23 19:35	05/17/23 01:06	50
Xylenes, Total	<11		25	11	ug/Kg		05/09/23 19:35	05/17/23 01:06	50

Surrogate	*LB3 %Recovery*	*LB3 Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*102*		*75 - 126*	*05/09/23 19:35*	*05/17/23 01:06*	*50*
4-Bromofluorobenzene (Surr)	*109*		*72 - 124*	*05/09/23 19:35*	*05/17/23 01:06*	*50*
Dibromofluoromethane (Surr)	*94*		*75 - 120*	*05/09/23 19:35*	*05/17/23 01:06*	*50*
Toluene-d8 (Surr)	*108*		*75 - 120*	*05/09/23 19:35*	*05/17/23 01:06*	*50*

Lab Sample ID: LCS 500-712296/18-A
Matrix: Solid
Analysis Batch: 713616

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 712296

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,1,1,2-Tetrachloroethane	2500	2610		ug/Kg		104	70 - 125
1,1,1-Trichloroethane	2500	2550		ug/Kg		102	70 - 125
1,1,2,2-Tetrachloroethane	2500	2760		ug/Kg		110	62 - 140

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 500-712296/18-A
Matrix: Solid
Analysis Batch: 713616

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 712296

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,1,2-Trichloroethane	2500	2620		ug/Kg		105	71 - 130
1,1-Dichloroethane	2500	2560		ug/Kg		102	70 - 125
1,1-Dichloroethene	2500	2390		ug/Kg		95	67 - 122
1,1-Dichloropropene	2500	2840		ug/Kg		114	70 - 121
1,2,3-Trichlorobenzene	2500	2540		ug/Kg		101	51 - 145
1,2,3-Trichloropropane	2500	2700		ug/Kg		108	50 - 133
1,2,4-Trichlorobenzene	2500	2720		ug/Kg		109	57 - 137
1,2,4-Trimethylbenzene	2500	2900		ug/Kg		116	70 - 123
1,2-Dibromo-3-Chloropropane	2500	2540		ug/Kg		102	56 - 123
1,2-Dibromoethane	2500	2660		ug/Kg		106	70 - 125
1,2-Dichlorobenzene	2500	2780		ug/Kg		111	70 - 125
1,2-Dichloroethane	2500	2520		ug/Kg		101	68 - 127
1,2-Dichloropropane	2500	2520		ug/Kg		101	67 - 130
1,3,5-Trimethylbenzene	2500	2900		ug/Kg		116	70 - 123
1,3-Dichlorobenzene	2500	2860		ug/Kg		114	70 - 125
1,3-Dichloropropane	2500	2750		ug/Kg		110	62 - 136
1,4-Dichlorobenzene	2500	2850		ug/Kg		114	70 - 120
2,2-Dichloropropane	2500	2570		ug/Kg		103	58 - 139
2-Chlorotoluene	2500	2960		ug/Kg		118	70 - 125
4-Chlorotoluene	2500	2970		ug/Kg		119	68 - 124
Benzene	2500	2700		ug/Kg		108	70 - 120
Bromobenzene	2500	2780		ug/Kg		111	70 - 122
Bromochloromethane	2500	2390		ug/Kg		96	65 - 122
Dichlorobromomethane	2500	2410		ug/Kg		96	69 - 120
Bromoform	2500	2160		ug/Kg		86	56 - 132
Bromomethane	2500	1580		ug/Kg		63	40 - 152
Carbon tetrachloride	2500	2500		ug/Kg		100	59 - 133
Chlorobenzene	2500	2690		ug/Kg		107	70 - 120
Chloroethane	2500	2210		ug/Kg		88	48 - 136
Chloroform	2500	2520		ug/Kg		101	70 - 120
Chloromethane	2500	1880		ug/Kg		75	56 - 152
cis-1,2-Dichloroethene	2500	2600		ug/Kg		104	70 - 125
cis-1,3-Dichloropropene	2500	2780		ug/Kg		111	64 - 127
Dibromochloromethane	2500	2320		ug/Kg		93	68 - 125
Dibromomethane	2500	2450		ug/Kg		98	70 - 120
Dichlorodifluoromethane	2500	1350		ug/Kg		54	40 - 159
Ethylbenzene	2500	2660		ug/Kg		106	70 - 123
Hexachlorobutadiene	2500	2910		ug/Kg		116	51 - 150
Isopropylbenzene	2500	2840		ug/Kg		113	70 - 126
Methyl tert-butyl ether	2500	2510		ug/Kg		100	55 - 123
Methylene Chloride	2500	2510		ug/Kg		100	69 - 125
Naphthalene	2500	2290		ug/Kg		92	53 - 144
n-Butylbenzene	2500	2890		ug/Kg		115	68 - 125
N-Propylbenzene	2500	2890		ug/Kg		116	69 - 127
p-Isopropyltoluene	2500	2820		ug/Kg		113	70 - 125
sec-Butylbenzene	2500	2830		ug/Kg		113	70 - 123
Styrene	2500	2670		ug/Kg		107	70 - 120
tert-Butylbenzene	2500	2860		ug/Kg		114	70 - 121
Tetrachloroethene	2500	2780		ug/Kg		111	70 - 128

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 500-712296/18-A
Matrix: Solid
Analysis Batch: 713616

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 712296

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Toluene	2500	2720		ug/Kg		109	70 - 125
trans-1,2-Dichloroethene	2500	2530		ug/Kg		101	70 - 125
trans-1,3-Dichloropropene	2500	2690		ug/Kg		107	62 - 128
Trichloroethene	2500	2600		ug/Kg		104	70 - 125
Trichlorofluoromethane	2500	2250		ug/Kg		90	55 - 128
Vinyl chloride	2500	2460		ug/Kg		98	64 - 126
Xylenes, Total	5000	5690		ug/Kg		114	70 - 125

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*98*		*75 - 126*
4-Bromofluorobenzene (Surr)	*113*		*72 - 124*
Dibromofluoromethane (Surr)	*95*		*75 - 120*
Toluene-d8 (Surr)	*110*		*75 - 120*

Lab Sample ID: 500-233489-36 MS
Matrix: Solid
Analysis Batch: 713616

Client Sample ID: SB-7 (1-3)
Prep Type: Total/NA
Prep Batch: 712296

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
1,1,1,2-Tetrachloroethane	<47		5050	4330		ug/Kg	☼	86	70 - 125
1,1,1-Trichloroethane	<38		5050	4240		ug/Kg	☼	84	70 - 125
1,1,2,2-Tetrachloroethane	<40		5050	4580		ug/Kg	☼	91	62 - 140
1,1,2-Trichloroethane	<36		5050	4410		ug/Kg	☼	87	71 - 130
1,1-Dichloroethane	<41		5050	4330		ug/Kg	☼	86	70 - 125
1,1-Dichloroethene	<39		5050	4100		ug/Kg	☼	81	67 - 122
1,1-Dichloropropene	<30		5050	4680		ug/Kg	☼	93	70 - 121
1,2,3-Trichlorobenzene	<46		5050	3750		ug/Kg	☼	74	51 - 145
1,2,3-Trichloropropane	<42		5050	4600		ug/Kg	☼	91	50 - 133
1,2,4-Trichlorobenzene	<35		5050	4050		ug/Kg	☼	80	57 - 137
1,2,4-Trimethylbenzene	<36		5050	4760		ug/Kg	☼	94	70 - 123
1,2-Dibromo-3-Chloropropane	<200		5050	3820		ug/Kg	☼	76	56 - 123
1,2-Dibromoethane	<39		5050	4330		ug/Kg	☼	86	70 - 125
1,2-Dichlorobenzene	<34		5050	4610		ug/Kg	☼	91	70 - 125
1,2-Dichloroethane	<40		5050	4260		ug/Kg	☼	84	68 - 127
1,2-Dichloropropane	<43		5050	4210		ug/Kg	☼	83	67 - 130
1,3,5-Trimethylbenzene	<38		5050	4770		ug/Kg	☼	94	70 - 123
1,3-Dichlorobenzene	<40		5050	4720		ug/Kg	☼	93	70 - 125
1,3-Dichloropropane	<37		5050	4490		ug/Kg	☼	89	62 - 136
1,4-Dichlorobenzene	<37		5050	4660		ug/Kg	☼	92	70 - 120
2,2-Dichloropropane	<45		5050	4170		ug/Kg	☼	83	58 - 139
2-Chlorotoluene	<32		5050	4870		ug/Kg	☼	96	70 - 125
4-Chlorotoluene	<35		5050	4830		ug/Kg	☼	96	68 - 124
Benzene	<15		5050	4540		ug/Kg	☼	90	70 - 120
Bromobenzene	<36		5050	4620		ug/Kg	☼	91	70 - 122
Bromochloromethane	<43		5050	4000		ug/Kg	☼	79	65 - 122
Dichlorobromomethane	<38		5050	3950		ug/Kg	☼	78	69 - 120
Bromoform	<49		5050	3450		ug/Kg	☼	68	56 - 132
Bromomethane	<80	F2	5050	4370		ug/Kg	☼	86	40 - 152

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 500-233489-36 MS
Matrix: Solid
Analysis Batch: 713616

Client Sample ID: SB-7 (1-3)
Prep Type: Total/NA
Prep Batch: 712296

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Carbon tetrachloride	<39		5050	4020		ug/Kg	☼	79	59 - 133
Chlorobenzene	<39		5050	4450		ug/Kg	☼	88	70 - 120
Chloroethane	<51	F2	5050	5060		ug/Kg	☼	100	48 - 136
Chloroform	<37		5050	4170		ug/Kg	☼	83	70 - 120
Chloromethane	<32		5050	4880		ug/Kg	☼	97	56 - 152
cis-1,2-Dichloroethene	<41		5050	4330		ug/Kg	☼	86	70 - 125
cis-1,3-Dichloropropene	<42		5050	4570		ug/Kg	☼	90	64 - 127
Dibromochloromethane	<49		5050	3770		ug/Kg	☼	75	68 - 125
Dibromomethane	<27		5050	4070		ug/Kg	☼	81	70 - 120
Dichlorodifluoromethane	<68		5050	4610		ug/Kg	☼	91	40 - 159
Ethylbenzene	<18		5050	4390		ug/Kg	☼	87	70 - 123
Hexachlorobutadiene	<45		5050	4630		ug/Kg	☼	92	51 - 150
Isopropylbenzene	<39		5050	4660		ug/Kg	☼	92	70 - 126
Methyl tert-butyl ether	<40		5050	4240		ug/Kg	☼	84	55 - 123
Methylene Chloride	<160		5050	4280		ug/Kg	☼	85	69 - 125
Naphthalene	<34		5050	3390		ug/Kg	☼	67	53 - 144
n-Butylbenzene	<39		5050	4690		ug/Kg	☼	93	68 - 125
N-Propylbenzene	<42		5050	4770		ug/Kg	☼	94	69 - 127
p-Isopropyltoluene	<37		5050	4640		ug/Kg	☼	92	70 - 125
sec-Butylbenzene	<40		5050	4710		ug/Kg	☼	93	70 - 123
Styrene	<39		5050	4440		ug/Kg	☼	88	70 - 120
tert-Butylbenzene	<40		5050	4780		ug/Kg	☼	95	70 - 121
Tetrachloroethene	<37		5050	4500		ug/Kg	☼	89	70 - 128
Toluene	<15		5050	4470		ug/Kg	☼	88	70 - 125
trans-1,2-Dichloroethene	<35		5050	4240		ug/Kg	☼	84	70 - 125
trans-1,3-Dichloropropene	<37		5050	4300		ug/Kg	☼	85	62 - 128
Trichloroethene	<17		5050	4250		ug/Kg	☼	84	70 - 125
Trichlorofluoromethane	<43		5050	4050		ug/Kg	☼	80	55 - 128
Vinyl chloride	<26		5050	5350		ug/Kg	☼	106	64 - 126
Xylenes, Total	<22		10100	9390		ug/Kg	☼	93	70 - 125

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*99*		*75 - 126*
4-Bromofluorobenzene (Surr)	*114*		*72 - 124*
Dibromofluoromethane (Surr)	*96*		*75 - 120*
Toluene-d8 (Surr)	*110*		*75 - 120*

Lab Sample ID: 500-233489-36 MSD
Matrix: Solid
Analysis Batch: 713616

Client Sample ID: SB-7 (1-3)
Prep Type: Total/NA
Prep Batch: 712296

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,1,1,2-Tetrachloroethane	<47		5050	4700		ug/Kg	☼	93	70 - 125	8	30
1,1,1-Trichloroethane	<38		5050	4550		ug/Kg	☼	90	70 - 125	7	30
1,1,2,2-Tetrachloroethane	<40		5050	4820		ug/Kg	☼	95	62 - 140	5	30
1,1,2-Trichloroethane	<36		5050	4710		ug/Kg	☼	93	71 - 130	7	30
1,1-Dichloroethane	<41		5050	4660		ug/Kg	☼	92	70 - 125	7	30
1,1-Dichloroethene	<39		5050	4490		ug/Kg	☼	89	67 - 122	9	30

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 500-233489-36 MSD
Client Sample ID: SB-7 (1-3)
Matrix: Solid
Prep Type: Total/NA
Analysis Batch: 713616
Prep Batch: 712296

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,1-Dichloropropene	<30		5050	5080		ug/Kg	☼	101	70 - 121	8	30
1,2,3-Trichlorobenzene	<46		5050	4930		ug/Kg	☼	98	51 - 145	27	30
1,2,3-Trichloropropane	<42		5050	4880		ug/Kg	☼	96	50 - 133	6	30
1,2,4-Trichlorobenzene	<35		5050	5060		ug/Kg	☼	100	57 - 137	22	30
1,2,4-Trimethylbenzene	<36		5050	5180		ug/Kg	☼	103	70 - 123	8	30
1,2-Dibromo-3-Chloropropane	<200		5050	4540		ug/Kg	☼	90	56 - 123	17	30
1,2-Dibromoethane	<39		5050	4730		ug/Kg	☼	94	70 - 125	9	30
1,2-Dichlorobenzene	<34		5050	5110		ug/Kg	☼	101	70 - 125	10	30
1,2-Dichloroethane	<40		5050	4640		ug/Kg	☼	92	68 - 127	8	30
1,2-Dichloropropane	<43		5050	4580		ug/Kg	☼	91	67 - 130	9	30
1,3,5-Trimethylbenzene	<38		5050	5150		ug/Kg	☼	102	70 - 123	8	30
1,3-Dichlorobenzene	<40		5050	5170		ug/Kg	☼	102	70 - 125	9	30
1,3-Dichloropropane	<37		5050	4950		ug/Kg	☼	98	62 - 136	10	30
1,4-Dichlorobenzene	<37		5050	5100		ug/Kg	☼	101	70 - 120	9	30
2,2-Dichloropropane	<45		5050	4320		ug/Kg	☼	85	58 - 139	3	30
2-Chlorotoluene	<32		5050	5230		ug/Kg	☼	103	70 - 125	7	30
4-Chlorotoluene	<35		5050	5270		ug/Kg	☼	104	68 - 124	9	30
Benzene	<15		5050	4910		ug/Kg	☼	97	70 - 120	8	30
Bromobenzene	<36		5050	4970		ug/Kg	☼	98	70 - 122	7	30
Bromochloromethane	<43		5050	4430		ug/Kg	☼	88	65 - 122	10	30
Dichlorobromomethane	<38		5050	4350		ug/Kg	☼	86	69 - 120	10	30
Bromoform	<49		5050	3800		ug/Kg	☼	75	56 - 132	10	30
Bromomethane	<80	F2	5050	3210	F2	ug/Kg	☼	63	40 - 152	31	30
Carbon tetrachloride	<39		5050	4330		ug/Kg	☼	86	59 - 133	7	30
Chlorobenzene	<39		5050	4860		ug/Kg	☼	96	70 - 120	9	30
Chloroethane	<51	F2	5050	2630	F2	ug/Kg	☼	52	48 - 136	63	30
Chloroform	<37		5050	4540		ug/Kg	☼	90	70 - 120	9	30
Chloromethane	<32		5050	5240		ug/Kg	☼	104	56 - 152	7	30
cis-1,2-Dichloroethene	<41		5050	4690		ug/Kg	☼	93	70 - 125	8	30
cis-1,3-Dichloropropene	<42		5050	4940		ug/Kg	☼	98	64 - 127	8	30
Dibromochloromethane	<49		5050	4100		ug/Kg	☼	81	68 - 125	8	30
Dibromomethane	<27		5050	4480		ug/Kg	☼	89	70 - 120	10	30
Dichlorodifluoromethane	<68		5050	5040		ug/Kg	☼	100	40 - 159	9	30
Ethylbenzene	<18		5050	4670		ug/Kg	☼	92	70 - 123	6	30
Hexachlorobutadiene	<45		5050	5670		ug/Kg	☼	112	51 - 150	20	30
Isopropylbenzene	<39		5050	4980		ug/Kg	☼	99	70 - 126	7	30
Methyl tert-butyl ether	<40		5050	4620		ug/Kg	☼	91	55 - 123	8	30
Methylene Chloride	<160		5050	4630		ug/Kg	☼	92	69 - 125	8	30
Naphthalene	<34		5050	4370		ug/Kg	☼	87	53 - 144	25	30
n-Butylbenzene	<39		5050	5220		ug/Kg	☼	103	68 - 125	11	30
N-Propylbenzene	<42		5050	5120		ug/Kg	☼	101	69 - 127	7	30
p-Isopropyltoluene	<37		5050	5100		ug/Kg	☼	101	70 - 125	10	30
sec-Butylbenzene	<40		5050	5160		ug/Kg	☼	102	70 - 123	9	30
Styrene	<39		5050	4860		ug/Kg	☼	96	70 - 120	9	30
tert-Butylbenzene	<40		5050	5180		ug/Kg	☼	103	70 - 121	8	30
Tetrachloroethene	<37		5050	4850		ug/Kg	☼	96	70 - 128	7	30
Toluene	<15		5050	4820		ug/Kg	☼	95	70 - 125	7	30
trans-1,2-Dichloroethene	<35		5050	4590		ug/Kg	☼	91	70 - 125	8	30
trans-1,3-Dichloropropene	<37		5050	4740		ug/Kg	☼	94	62 - 128	10	30

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 500-233489-36 MSD
Matrix: Solid
Analysis Batch: 713616

Client Sample ID: SB-7 (1-3)
Prep Type: Total/NA
Prep Batch: 712296

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Trichloroethene	<17		5050	4650		ug/Kg	☼	92	70 - 125	9	30
Trichlorofluoromethane	<43		5050	4130		ug/Kg	☼	82	55 - 128	2	30
Vinyl chloride	<26		5050	5400		ug/Kg	☼	107	64 - 126	1	30
Xylenes, Total	<22		10100	10100		ug/Kg	☼	100	70 - 125	8	30

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*99*		*75 - 126*
4-Bromofluorobenzene (Surr)	*111*		*72 - 124*
Dibromofluoromethane (Surr)	*96*		*75 - 120*
Toluene-d8 (Surr)	*108*		*75 - 120*

Lab Sample ID: MB 500-713382/7
Matrix: Solid
Analysis Batch: 713382

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<0.46		1.0	0.46	ug/Kg			05/16/23 02:00	1
1,1,1-Trichloroethane	<0.38		1.0	0.38	ug/Kg			05/16/23 02:00	1
1,1,2,2-Tetrachloroethane	<0.40		1.0	0.40	ug/Kg			05/16/23 02:00	1
1,1,2-Trichloroethane	<0.35		1.0	0.35	ug/Kg			05/16/23 02:00	1
1,1-Dichloroethane	<0.41		1.0	0.41	ug/Kg			05/16/23 02:00	1
1,1-Dichloroethene	<0.39		1.0	0.39	ug/Kg			05/16/23 02:00	1
1,1-Dichloropropene	<0.30		1.0	0.30	ug/Kg			05/16/23 02:00	1
1,2,3-Trichlorobenzene	<0.46		1.0	0.46	ug/Kg			05/16/23 02:00	1
1,2,3-Trichloropropane	<0.41		2.0	0.41	ug/Kg			05/16/23 02:00	1
1,2,4-Trichlorobenzene	<0.34		1.0	0.34	ug/Kg			05/16/23 02:00	1
1,2,4-Trimethylbenzene	<0.36		1.0	0.36	ug/Kg			05/16/23 02:00	1
1,2-Dibromo-3-Chloropropane	<2.0		5.0	2.0	ug/Kg			05/16/23 02:00	1
1,2-Dibromoethane	<0.39		1.0	0.39	ug/Kg			05/16/23 02:00	1
1,2-Dichlorobenzene	<0.33		1.0	0.33	ug/Kg			05/16/23 02:00	1
1,2-Dichloroethane	<0.39		1.0	0.39	ug/Kg			05/16/23 02:00	1
1,2-Dichloropropane	<0.43		1.0	0.43	ug/Kg			05/16/23 02:00	1
1,3,5-Trimethylbenzene	<0.38		1.0	0.38	ug/Kg			05/16/23 02:00	1
1,3-Dichlorobenzene	<0.40		1.0	0.40	ug/Kg			05/16/23 02:00	1
1,3-Dichloropropane	<0.36		1.0	0.36	ug/Kg			05/16/23 02:00	1
1,4-Dichlorobenzene	<0.36		1.0	0.36	ug/Kg			05/16/23 02:00	1
2,2-Dichloropropane	<0.44		1.0	0.44	ug/Kg			05/16/23 02:00	1
2-Chlorotoluene	<0.31		1.0	0.31	ug/Kg			05/16/23 02:00	1
4-Chlorotoluene	<0.35		1.0	0.35	ug/Kg			05/16/23 02:00	1
Benzene	<0.15		0.25	0.15	ug/Kg			05/16/23 02:00	1
Bromobenzene	<0.36		1.0	0.36	ug/Kg			05/16/23 02:00	1
Bromochloromethane	<0.43		1.0	0.43	ug/Kg			05/16/23 02:00	1
Dichlorobromomethane	<0.37		1.0	0.37	ug/Kg			05/16/23 02:00	1
Bromoform	<0.48		1.0	0.48	ug/Kg			05/16/23 02:00	1
Bromomethane	<0.80		3.0	0.80	ug/Kg			05/16/23 02:00	1
Carbon tetrachloride	<0.38		1.0	0.38	ug/Kg			05/16/23 02:00	1
Chlorobenzene	<0.39		1.0	0.39	ug/Kg			05/16/23 02:00	1
Chloroethane	<0.50		1.0	0.50	ug/Kg			05/16/23 02:00	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 500-713382/7
Matrix: Solid
Analysis Batch: 713382

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloroform	<0.37		2.0	0.37	ug/Kg			05/16/23 02:00	1
Chloromethane	<0.32		1.0	0.32	ug/Kg			05/16/23 02:00	1
cis-1,2-Dichloroethene	<0.41		1.0	0.41	ug/Kg			05/16/23 02:00	1
cis-1,3-Dichloropropene	<0.42		1.0	0.42	ug/Kg			05/16/23 02:00	1
Dibromochloromethane	<0.49		1.0	0.49	ug/Kg			05/16/23 02:00	1
Dibromomethane	<0.27		1.0	0.27	ug/Kg			05/16/23 02:00	1
Dichlorodifluoromethane	<0.67		3.0	0.67	ug/Kg			05/16/23 02:00	1
Ethylbenzene	<0.18		0.25	0.18	ug/Kg			05/16/23 02:00	1
Hexachlorobutadiene	<0.45		1.0	0.45	ug/Kg			05/16/23 02:00	1
Isopropyl ether	<0.28		1.0	0.28	ug/Kg			05/16/23 02:00	1
Isopropylbenzene	<0.38		1.0	0.38	ug/Kg			05/16/23 02:00	1
Methyl tert-butyl ether	<0.39		1.0	0.39	ug/Kg			05/16/23 02:00	1
Methylene Chloride	<1.6		5.0	1.6	ug/Kg			05/16/23 02:00	1
Naphthalene	<0.33		1.0	0.33	ug/Kg			05/16/23 02:00	1
n-Butylbenzene	<0.39		1.0	0.39	ug/Kg			05/16/23 02:00	1
N-Propylbenzene	<0.41		1.0	0.41	ug/Kg			05/16/23 02:00	1
p-Isopropyltoluene	<0.36		1.0	0.36	ug/Kg			05/16/23 02:00	1
sec-Butylbenzene	<0.40		1.0	0.40	ug/Kg			05/16/23 02:00	1
Styrene	<0.39		1.0	0.39	ug/Kg			05/16/23 02:00	1
tert-Butylbenzene	<0.40		1.0	0.40	ug/Kg			05/16/23 02:00	1
Tetrachloroethene	<0.37		1.0	0.37	ug/Kg			05/16/23 02:00	1
Toluene	<0.15		0.25	0.15	ug/Kg			05/16/23 02:00	1
trans-1,2-Dichloroethene	<0.35		1.0	0.35	ug/Kg			05/16/23 02:00	1
trans-1,3-Dichloropropene	<0.36		1.0	0.36	ug/Kg			05/16/23 02:00	1
Trichloroethene	<0.16		0.50	0.16	ug/Kg			05/16/23 02:00	1
Trichlorofluoromethane	<0.43		1.0	0.43	ug/Kg			05/16/23 02:00	1
Vinyl chloride	<0.26		1.0	0.26	ug/Kg			05/16/23 02:00	1
Xylenes, Total	<0.22		0.50	0.22	ug/Kg			05/16/23 02:00	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*97*		*75 - 126*		*05/16/23 02:00*	*1*
4-Bromofluorobenzene (Surr)	*111*		*72 - 124*		*05/16/23 02:00*	*1*
Dibromofluoromethane (Surr)	*94*		*75 - 120*		*05/16/23 02:00*	*1*
Toluene-d8 (Surr)	*110*		*75 - 120*		*05/16/23 02:00*	*1*

Lab Sample ID: LCS 500-713382/5
Matrix: Solid
Analysis Batch: 713382

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,1,1,2-Tetrachloroethane	50.0	52.5		ug/Kg		105	70 - 125
1,1,1-Trichloroethane	50.0	51.4		ug/Kg		103	70 - 125
1,1,2,2-Tetrachloroethane	50.0	47.7		ug/Kg		95	62 - 140
1,1,2-Trichloroethane	50.0	55.6		ug/Kg		111	71 - 130
1,1-Dichloroethane	50.0	51.0		ug/Kg		102	70 - 125
1,1-Dichloroethene	50.0	53.8		ug/Kg		108	67 - 122
1,1-Dichloropropene	50.0	51.2		ug/Kg		102	70 - 121
1,2,3-Trichlorobenzene	50.0	61.5		ug/Kg		123	51 - 145

Client: Stantec Consulting Corp.
Project/Site: 333 Reed Avenue Soil Char - 193709261

Job ID: 500-233489-1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 500-713382/5
Matrix: Solid
Analysis Batch: 713382

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,2,3-Trichloropropane	50.0	48.2		ug/Kg		96	50 - 133
1,2,4-Trichlorobenzene	50.0	55.8		ug/Kg		112	57 - 137
1,2,4-Trimethylbenzene	50.0	48.2		ug/Kg		96	70 - 123
1,2-Dibromo-3-Chloropropane	50.0	52.7		ug/Kg		105	56 - 123
1,2-Dibromoethane	50.0	53.2		ug/Kg		106	70 - 125
1,2-Dichlorobenzene	50.0	47.8		ug/Kg		96	70 - 125
1,2-Dichloroethane	50.0	48.7		ug/Kg		97	68 - 127
1,2-Dichloropropane	50.0	51.7		ug/Kg		103	67 - 130
1,3,5-Trimethylbenzene	50.0	48.8		ug/Kg		98	70 - 123
1,3-Dichlorobenzene	50.0	46.3		ug/Kg		93	70 - 125
1,3-Dichloropropane	50.0	55.6		ug/Kg		111	62 - 136
1,4-Dichlorobenzene	50.0	48.9		ug/Kg		98	70 - 120
2,2-Dichloropropane	50.0	54.3		ug/Kg		109	58 - 139
2-Chlorotoluene	50.0	49.2		ug/Kg		98	70 - 125
4-Chlorotoluene	50.0	50.9		ug/Kg		102	68 - 124
Benzene	50.0	51.9		ug/Kg		104	70 - 120
Bromobenzene	50.0	47.2		ug/Kg		94	70 - 122
Bromochloromethane	50.0	46.8		ug/Kg		94	65 - 122
Dichlorobromomethane	50.0	54.7		ug/Kg		109	69 - 120
Bromoform	50.0	58.3		ug/Kg		117	56 - 132
Bromomethane	50.0	44.1		ug/Kg		88	40 - 152
Carbon tetrachloride	50.0	51.4		ug/Kg		103	59 - 133
Chlorobenzene	50.0	52.0		ug/Kg		104	70 - 120
Chloroethane	50.0	33.9		ug/Kg		68	48 - 136
Chloroform	50.0	48.4		ug/Kg		97	70 - 120
Chloromethane	50.0	58.5		ug/Kg		117	56 - 152
cis-1,2-Dichloroethene	50.0	49.1		ug/Kg		98	70 - 125
cis-1,3-Dichloropropene	50.0	55.7		ug/Kg		111	64 - 127
Dibromochloromethane	50.0	54.8		ug/Kg		110	68 - 125
Dibromomethane	50.0	53.6		ug/Kg		107	70 - 120
Dichlorodifluoromethane	50.0	60.9		ug/Kg		122	40 - 159
Ethylbenzene	50.0	50.6		ug/Kg		101	70 - 123
Hexachlorobutadiene	50.0	69.7		ug/Kg		139	51 - 150
Isopropylbenzene	50.0	46.0		ug/Kg		92	70 - 126
Methyl tert-butyl ether	50.0	50.6		ug/Kg		101	55 - 123
Methylene Chloride	50.0	50.2		ug/Kg		100	69 - 125
Naphthalene	50.0	52.8		ug/Kg		106	53 - 144
n-Butylbenzene	50.0	51.1		ug/Kg		102	68 - 125
N-Propylbenzene	50.0	50.5		ug/Kg		101	69 - 127
p-Isopropyltoluene	50.0	50.3		ug/Kg		101	70 - 125
sec-Butylbenzene	50.0	49.0		ug/Kg		98	70 - 123
Styrene	50.0	51.3		ug/Kg		103	70 - 120
tert-Butylbenzene	50.0	48.4		ug/Kg		97	70 - 121
Tetrachloroethene	50.0	61.4		ug/Kg		123	70 - 128
Toluene	50.0	57.7		ug/Kg		115	70 - 125
trans-1,2-Dichloroethene	50.0	50.9		ug/Kg		102	70 - 125
trans-1,3-Dichloropropene	50.0	57.7		ug/Kg		115	62 - 128
Trichloroethene	50.0	49.5		ug/Kg		99	70 - 125
Trichlorofluoromethane	50.0	51.6		ug/Kg		103	55 - 128

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 500-713382/5
Matrix: Solid
Analysis Batch: 713382

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Vinyl chloride	50.0	56.1		ug/Kg		112	64 - 126
Xylenes, Total	100	110		ug/Kg		110	70 - 125

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*90*		*75 - 126*
4-Bromofluorobenzene (Surr)	*89*		*72 - 124*
Dibromofluoromethane (Surr)	*91*		*75 - 120*
Toluene-d8 (Surr)	*111*		*75 - 120*

Lab Sample ID: MB 500-713604/7
Matrix: Solid
Analysis Batch: 713604

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<0.46		1.0	0.46	ug/Kg			05/16/23 23:12	1
1,1,1-Trichloroethane	<0.38		1.0	0.38	ug/Kg			05/16/23 23:12	1
1,1,2,2-Tetrachloroethane	<0.40		1.0	0.40	ug/Kg			05/16/23 23:12	1
1,1,2-Trichloroethane	<0.35		1.0	0.35	ug/Kg			05/16/23 23:12	1
1,1-Dichloroethane	<0.41		1.0	0.41	ug/Kg			05/16/23 23:12	1
1,1-Dichloroethene	<0.39		1.0	0.39	ug/Kg			05/16/23 23:12	1
1,1-Dichloropropene	<0.30		1.0	0.30	ug/Kg			05/16/23 23:12	1
1,2,3-Trichlorobenzene	<0.46		1.0	0.46	ug/Kg			05/16/23 23:12	1
1,2,3-Trichloropropane	<0.41		2.0	0.41	ug/Kg			05/16/23 23:12	1
1,2,4-Trichlorobenzene	<0.34		1.0	0.34	ug/Kg			05/16/23 23:12	1
1,2,4-Trimethylbenzene	<0.36		1.0	0.36	ug/Kg			05/16/23 23:12	1
1,2-Dibromo-3-Chloropropane	<2.0		5.0	2.0	ug/Kg			05/16/23 23:12	1
1,2-Dibromoethane	<0.39		1.0	0.39	ug/Kg			05/16/23 23:12	1
1,2-Dichlorobenzene	<0.33		1.0	0.33	ug/Kg			05/16/23 23:12	1
1,2-Dichloroethane	<0.39		1.0	0.39	ug/Kg			05/16/23 23:12	1
1,2-Dichloropropane	<0.43		1.0	0.43	ug/Kg			05/16/23 23:12	1
1,3,5-Trimethylbenzene	<0.38		1.0	0.38	ug/Kg			05/16/23 23:12	1
1,3-Dichlorobenzene	<0.40		1.0	0.40	ug/Kg			05/16/23 23:12	1
1,3-Dichloropropane	<0.36		1.0	0.36	ug/Kg			05/16/23 23:12	1
1,4-Dichlorobenzene	<0.36		1.0	0.36	ug/Kg			05/16/23 23:12	1
2,2-Dichloropropane	<0.44		1.0	0.44	ug/Kg			05/16/23 23:12	1
2-Chlorotoluene	<0.31		1.0	0.31	ug/Kg			05/16/23 23:12	1
4-Chlorotoluene	<0.35		1.0	0.35	ug/Kg			05/16/23 23:12	1
Benzene	<0.15		0.25	0.15	ug/Kg			05/16/23 23:12	1
Bromobenzene	<0.36		1.0	0.36	ug/Kg			05/16/23 23:12	1
Bromochloromethane	<0.43		1.0	0.43	ug/Kg			05/16/23 23:12	1
Dichlorobromomethane	<0.37		1.0	0.37	ug/Kg			05/16/23 23:12	1
Bromoform	<0.48		1.0	0.48	ug/Kg			05/16/23 23:12	1
Bromomethane	<0.80		3.0	0.80	ug/Kg			05/16/23 23:12	1
Carbon tetrachloride	<0.38		1.0	0.38	ug/Kg			05/16/23 23:12	1
Chlorobenzene	<0.39		1.0	0.39	ug/Kg			05/16/23 23:12	1
Chloroethane	<0.50		1.0	0.50	ug/Kg			05/16/23 23:12	1
Chloroform	<0.37		2.0	0.37	ug/Kg			05/16/23 23:12	1
Chloromethane	<0.32		1.0	0.32	ug/Kg			05/16/23 23:12	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 500-713604/7
Matrix: Solid
Analysis Batch: 713604

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
cis-1,2-Dichloroethene	<0.41		1.0	0.41	ug/Kg			05/16/23 23:12	1
cis-1,3-Dichloropropene	<0.42		1.0	0.42	ug/Kg			05/16/23 23:12	1
Dibromochloromethane	<0.49		1.0	0.49	ug/Kg			05/16/23 23:12	1
Dibromomethane	<0.27		1.0	0.27	ug/Kg			05/16/23 23:12	1
Dichlorodifluoromethane	<0.67		3.0	0.67	ug/Kg			05/16/23 23:12	1
Ethylbenzene	<0.18		0.25	0.18	ug/Kg			05/16/23 23:12	1
Hexachlorobutadiene	<0.45		1.0	0.45	ug/Kg			05/16/23 23:12	1
Isopropyl ether	<0.28		1.0	0.28	ug/Kg			05/16/23 23:12	1
Isopropylbenzene	<0.38		1.0	0.38	ug/Kg			05/16/23 23:12	1
Methyl tert-butyl ether	<0.39		1.0	0.39	ug/Kg			05/16/23 23:12	1
Methylene Chloride	<1.6		5.0	1.6	ug/Kg			05/16/23 23:12	1
Naphthalene	<0.33		1.0	0.33	ug/Kg			05/16/23 23:12	1
n-Butylbenzene	<0.39		1.0	0.39	ug/Kg			05/16/23 23:12	1
N-Propylbenzene	<0.41		1.0	0.41	ug/Kg			05/16/23 23:12	1
p-Isopropyltoluene	<0.36		1.0	0.36	ug/Kg			05/16/23 23:12	1
sec-Butylbenzene	<0.40		1.0	0.40	ug/Kg			05/16/23 23:12	1
Styrene	<0.39		1.0	0.39	ug/Kg			05/16/23 23:12	1
tert-Butylbenzene	<0.40		1.0	0.40	ug/Kg			05/16/23 23:12	1
Tetrachloroethene	<0.37		1.0	0.37	ug/Kg			05/16/23 23:12	1
Toluene	<0.15		0.25	0.15	ug/Kg			05/16/23 23:12	1
trans-1,2-Dichloroethene	<0.35		1.0	0.35	ug/Kg			05/16/23 23:12	1
trans-1,3-Dichloropropene	<0.36		1.0	0.36	ug/Kg			05/16/23 23:12	1
Trichloroethene	<0.16		0.50	0.16	ug/Kg			05/16/23 23:12	1
Trichlorofluoromethane	<0.43		1.0	0.43	ug/Kg			05/16/23 23:12	1
Vinyl chloride	<0.26		1.0	0.26	ug/Kg			05/16/23 23:12	1
Xylenes, Total	<0.22		0.50	0.22	ug/Kg			05/16/23 23:12	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*89*		*75 - 126*		*05/16/23 23:12*	*1*
4-Bromofluorobenzene (Surr)	*102*		*72 - 124*		*05/16/23 23:12*	*1*
Dibromofluoromethane (Surr)	*98*		*75 - 120*		*05/16/23 23:12*	*1*
Toluene-d8 (Surr)	*96*		*75 - 120*		*05/16/23 23:12*	*1*

Lab Sample ID: LCS 500-713604/5
Matrix: Solid
Analysis Batch: 713604

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,1,1,2-Tetrachloroethane	50.0	47.1		ug/Kg		94	70 - 125
1,1,1-Trichloroethane	50.0	40.0		ug/Kg		80	70 - 125
1,1,2,2-Tetrachloroethane	50.0	51.6		ug/Kg		103	62 - 140
1,1,2-Trichloroethane	50.0	47.6		ug/Kg		95	71 - 130
1,1-Dichloroethane	50.0	43.1		ug/Kg		86	70 - 125
1,1-Dichloroethene	50.0	43.5		ug/Kg		87	67 - 122
1,1-Dichloropropene	50.0	42.9		ug/Kg		86	70 - 121
1,2,3-Trichlorobenzene	50.0	35.2		ug/Kg		70	51 - 145
1,2,3-Trichloropropane	50.0	49.1		ug/Kg		98	50 - 133
1,2,4-Trichlorobenzene	50.0	36.1		ug/Kg		72	57 - 137

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 500-713604/5
Matrix: Solid
Analysis Batch: 713604

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,2,4-Trimethylbenzene	50.0	47.3		ug/Kg		95	70 - 123
1,2-Dibromo-3-Chloropropane	50.0	49.9		ug/Kg		100	56 - 123
1,2-Dibromoethane	50.0	47.4		ug/Kg		95	70 - 125
1,2-Dichlorobenzene	50.0	45.7		ug/Kg		91	70 - 125
1,2-Dichloroethane	50.0	41.1		ug/Kg		82	68 - 127
1,2-Dichloropropane	50.0	45.4		ug/Kg		91	67 - 130
1,3,5-Trimethylbenzene	50.0	47.1		ug/Kg		94	70 - 123
1,3-Dichlorobenzene	50.0	44.5		ug/Kg		89	70 - 125
1,3-Dichloropropane	50.0	46.9		ug/Kg		94	62 - 136
1,4-Dichlorobenzene	50.0	44.5		ug/Kg		89	70 - 120
2,2-Dichloropropane	50.0	36.9		ug/Kg		74	58 - 139
2-Chlorotoluene	50.0	47.3		ug/Kg		95	70 - 125
4-Chlorotoluene	50.0	47.9		ug/Kg		96	68 - 124
Benzene	50.0	43.6		ug/Kg		87	70 - 120
Bromobenzene	50.0	47.1		ug/Kg		94	70 - 122
Bromochloromethane	50.0	44.9		ug/Kg		90	65 - 122
Dichlorobromomethane	50.0	48.0		ug/Kg		96	69 - 120
Bromoform	50.0	60.8		ug/Kg		122	56 - 132
Bromomethane	50.0	66.9		ug/Kg		134	40 - 152
Carbon tetrachloride	50.0	44.1		ug/Kg		88	59 - 133
Chlorobenzene	50.0	46.1		ug/Kg		92	70 - 120
Chloroethane	50.0	49.5		ug/Kg		99	48 - 136
Chloroform	50.0	42.1		ug/Kg		84	70 - 120
Chloromethane	50.0	43.3		ug/Kg		87	56 - 152
cis-1,2-Dichloroethene	50.0	43.9		ug/Kg		88	70 - 125
cis-1,3-Dichloropropene	50.0	45.0		ug/Kg		90	64 - 127
Dibromochloromethane	50.0	54.1		ug/Kg		108	68 - 125
Dibromomethane	50.0	45.1		ug/Kg		90	70 - 120
Dichlorodifluoromethane	50.0	36.3		ug/Kg		73	40 - 159
Ethylbenzene	50.0	45.2		ug/Kg		90	70 - 123
Hexachlorobutadiene	50.0	37.0		ug/Kg		74	51 - 150
Isopropylbenzene	50.0	45.9		ug/Kg		92	70 - 126
Methyl tert-butyl ether	50.0	31.2		ug/Kg		62	55 - 123
Methylene Chloride	50.0	45.1		ug/Kg		90	69 - 125
Naphthalene	50.0	39.0		ug/Kg		78	53 - 144
n-Butylbenzene	50.0	46.2		ug/Kg		92	68 - 125
N-Propylbenzene	50.0	48.9		ug/Kg		98	69 - 127
p-Isopropyltoluene	50.0	46.2		ug/Kg		92	70 - 125
sec-Butylbenzene	50.0	47.0		ug/Kg		94	70 - 123
Styrene	50.0	49.3		ug/Kg		99	70 - 120
tert-Butylbenzene	50.0	45.9		ug/Kg		92	70 - 121
Tetrachloroethene	50.0	43.1		ug/Kg		86	70 - 128
Toluene	50.0	47.4		ug/Kg		95	70 - 125
trans-1,2-Dichloroethene	50.0	43.6		ug/Kg		87	70 - 125
trans-1,3-Dichloropropene	50.0	47.4		ug/Kg		95	62 - 128
Trichloroethene	50.0	43.7		ug/Kg		87	70 - 125
Trichlorofluoromethane	50.0	41.8		ug/Kg		84	55 - 128
Vinyl chloride	50.0	43.3		ug/Kg		87	64 - 126
Xylenes, Total	100	94.0		ug/Kg		94	70 - 125

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	88		75 - 126
4-Bromofluorobenzene (Surr)	103		72 - 124
Dibromofluoromethane (Surr)	98		75 - 120
Toluene-d8 (Surr)	97		75 - 120

Lab Sample ID: MB 500-713616/7
Matrix: Solid
Analysis Batch: 713616

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<0.46		1.0	0.46	ug/Kg			05/16/23 23:35	1
1,1,1-Trichloroethane	<0.38		1.0	0.38	ug/Kg			05/16/23 23:35	1
1,1,2,2-Tetrachloroethane	<0.40		1.0	0.40	ug/Kg			05/16/23 23:35	1
1,1,2-Trichloroethane	<0.35		1.0	0.35	ug/Kg			05/16/23 23:35	1
1,1-Dichloroethane	<0.41		1.0	0.41	ug/Kg			05/16/23 23:35	1
1,1-Dichloroethene	<0.39		1.0	0.39	ug/Kg			05/16/23 23:35	1
1,1-Dichloropropene	<0.30		1.0	0.30	ug/Kg			05/16/23 23:35	1
1,2,3-Trichlorobenzene	<0.46		1.0	0.46	ug/Kg			05/16/23 23:35	1
1,2,3-Trichloropropane	<0.41		2.0	0.41	ug/Kg			05/16/23 23:35	1
1,2,4-Trichlorobenzene	<0.34		1.0	0.34	ug/Kg			05/16/23 23:35	1
1,2,4-Trimethylbenzene	<0.36		1.0	0.36	ug/Kg			05/16/23 23:35	1
1,2-Dibromo-3-Chloropropane	<2.0		5.0	2.0	ug/Kg			05/16/23 23:35	1
1,2-Dibromoethane	<0.39		1.0	0.39	ug/Kg			05/16/23 23:35	1
1,2-Dichlorobenzene	<0.33		1.0	0.33	ug/Kg			05/16/23 23:35	1
1,2-Dichloroethane	<0.39		1.0	0.39	ug/Kg			05/16/23 23:35	1
1,2-Dichloropropane	<0.43		1.0	0.43	ug/Kg			05/16/23 23:35	1
1,3,5-Trimethylbenzene	<0.38		1.0	0.38	ug/Kg			05/16/23 23:35	1
1,3-Dichlorobenzene	<0.40		1.0	0.40	ug/Kg			05/16/23 23:35	1
1,3-Dichloropropane	<0.36		1.0	0.36	ug/Kg			05/16/23 23:35	1
1,4-Dichlorobenzene	<0.36		1.0	0.36	ug/Kg			05/16/23 23:35	1
2,2-Dichloropropane	<0.44		1.0	0.44	ug/Kg			05/16/23 23:35	1
2-Chlorotoluene	<0.31		1.0	0.31	ug/Kg			05/16/23 23:35	1
4-Chlorotoluene	<0.35		1.0	0.35	ug/Kg			05/16/23 23:35	1
Benzene	<0.15		0.25	0.15	ug/Kg			05/16/23 23:35	1
Bromobenzene	<0.36		1.0	0.36	ug/Kg			05/16/23 23:35	1
Bromochloromethane	<0.43		1.0	0.43	ug/Kg			05/16/23 23:35	1
Dichlorobromomethane	<0.37		1.0	0.37	ug/Kg			05/16/23 23:35	1
Bromoform	<0.48		1.0	0.48	ug/Kg			05/16/23 23:35	1
Bromomethane	<0.80		3.0	0.80	ug/Kg			05/16/23 23:35	1
Carbon tetrachloride	<0.38		1.0	0.38	ug/Kg			05/16/23 23:35	1
Chlorobenzene	<0.39		1.0	0.39	ug/Kg			05/16/23 23:35	1
Chloroethane	<0.50		1.0	0.50	ug/Kg			05/16/23 23:35	1
Chloroform	<0.37		2.0	0.37	ug/Kg			05/16/23 23:35	1
Chloromethane	<0.32		1.0	0.32	ug/Kg			05/16/23 23:35	1
cis-1,2-Dichloroethene	<0.41		1.0	0.41	ug/Kg			05/16/23 23:35	1
cis-1,3-Dichloropropene	<0.42		1.0	0.42	ug/Kg			05/16/23 23:35	1
Dibromochloromethane	<0.49		1.0	0.49	ug/Kg			05/16/23 23:35	1
Dibromomethane	<0.27		1.0	0.27	ug/Kg			05/16/23 23:35	1
Dichlorodifluoromethane	<0.67		3.0	0.67	ug/Kg			05/16/23 23:35	1
Ethylbenzene	<0.18		0.25	0.18	ug/Kg			05/16/23 23:35	1
Hexachlorobutadiene	<0.45		1.0	0.45	ug/Kg			05/16/23 23:35	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 500-713616/7
Matrix: Solid
Analysis Batch: 713616

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Isopropyl ether	<0.28		1.0	0.28	ug/Kg			05/16/23 23:35	1
Isopropylbenzene	<0.38		1.0	0.38	ug/Kg			05/16/23 23:35	1
Methyl tert-butyl ether	<0.39		1.0	0.39	ug/Kg			05/16/23 23:35	1
Methylene Chloride	<1.6		5.0	1.6	ug/Kg			05/16/23 23:35	1
Naphthalene	<0.33		1.0	0.33	ug/Kg			05/16/23 23:35	1
n-Butylbenzene	<0.39		1.0	0.39	ug/Kg			05/16/23 23:35	1
N-Propylbenzene	<0.41		1.0	0.41	ug/Kg			05/16/23 23:35	1
p-Isopropyltoluene	<0.36		1.0	0.36	ug/Kg			05/16/23 23:35	1
sec-Butylbenzene	<0.40		1.0	0.40	ug/Kg			05/16/23 23:35	1
Styrene	<0.39		1.0	0.39	ug/Kg			05/16/23 23:35	1
tert-Butylbenzene	<0.40		1.0	0.40	ug/Kg			05/16/23 23:35	1
Tetrachloroethene	<0.37		1.0	0.37	ug/Kg			05/16/23 23:35	1
Toluene	<0.15		0.25	0.15	ug/Kg			05/16/23 23:35	1
trans-1,2-Dichloroethene	<0.35		1.0	0.35	ug/Kg			05/16/23 23:35	1
trans-1,3-Dichloropropene	<0.36		1.0	0.36	ug/Kg			05/16/23 23:35	1
Trichloroethene	<0.16		0.50	0.16	ug/Kg			05/16/23 23:35	1
Trichlorofluoromethane	<0.43		1.0	0.43	ug/Kg			05/16/23 23:35	1
Vinyl chloride	<0.26		1.0	0.26	ug/Kg			05/16/23 23:35	1
Xylenes, Total	<0.22		0.50	0.22	ug/Kg			05/16/23 23:35	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*100*		*75 - 126*		*05/16/23 23:35*	*1*
4-Bromofluorobenzene (Surr)	*110*		*72 - 124*		*05/16/23 23:35*	*1*
Dibromofluoromethane (Surr)	*97*		*75 - 120*		*05/16/23 23:35*	*1*
Toluene-d8 (Surr)	*110*		*75 - 120*		*05/16/23 23:35*	*1*

Lab Sample ID: LCS 500-713616/8
Matrix: Solid
Analysis Batch: 713616

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,1,1,2-Tetrachloroethane	50.0	46.8		ug/Kg		94	70 - 125
1,1,1-Trichloroethane	50.0	47.3		ug/Kg		95	70 - 125
1,1,2,2-Tetrachloroethane	50.0	48.6		ug/Kg		97	62 - 140
1,1,2-Trichloroethane	50.0	47.1		ug/Kg		94	71 - 130
1,1-Dichloroethane	50.0	46.8		ug/Kg		94	70 - 125
1,1-Dichloroethene	50.0	46.2		ug/Kg		92	67 - 122
1,1-Dichloropropene	50.0	51.3		ug/Kg		103	70 - 121
1,2,3-Trichlorobenzene	50.0	43.9		ug/Kg		88	51 - 145
1,2,3-Trichloropropane	50.0	49.0		ug/Kg		98	50 - 133
1,2,4-Trichlorobenzene	50.0	47.6		ug/Kg		95	57 - 137
1,2,4-Trimethylbenzene	50.0	51.4		ug/Kg		103	70 - 123
1,2-Dibromo-3-Chloropropane	50.0	43.4		ug/Kg		87	56 - 123
1,2-Dibromoethane	50.0	48.3		ug/Kg		97	70 - 125
1,2-Dichlorobenzene	50.0	48.9		ug/Kg		98	70 - 125
1,2-Dichloroethane	50.0	46.0		ug/Kg		92	68 - 127
1,2-Dichloropropane	50.0	45.0		ug/Kg		90	67 - 130
1,3,5-Trimethylbenzene	50.0	51.4		ug/Kg		103	70 - 123

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 500-713616/8
Matrix: Solid
Analysis Batch: 713616

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,3-Dichlorobenzene	50.0	50.7		ug/Kg		101	70 - 125
1,3-Dichloropropane	50.0	48.9		ug/Kg		98	62 - 136
1,4-Dichlorobenzene	50.0	50.5		ug/Kg		101	70 - 120
2,2-Dichloropropane	50.0	50.3		ug/Kg		101	58 - 139
2-Chlorotoluene	50.0	51.7		ug/Kg		103	70 - 125
4-Chlorotoluene	50.0	52.2		ug/Kg		104	68 - 124
Benzene	50.0	48.5		ug/Kg		97	70 - 120
Bromobenzene	50.0	48.1		ug/Kg		96	70 - 122
Bromochloromethane	50.0	43.4		ug/Kg		87	65 - 122
Dichlorobromomethane	50.0	44.3		ug/Kg		89	69 - 120
Bromoform	50.0	40.4		ug/Kg		81	56 - 132
Bromomethane	50.0	56.7		ug/Kg		113	40 - 152
Carbon tetrachloride	50.0	46.3		ug/Kg		93	59 - 133
Chlorobenzene	50.0	47.6		ug/Kg		95	70 - 120
Chloroethane	50.0	54.4		ug/Kg		109	48 - 136
Chloroform	50.0	45.4		ug/Kg		91	70 - 120
Chloromethane	50.0	51.6		ug/Kg		103	56 - 152
cis-1,2-Dichloroethene	50.0	47.6		ug/Kg		95	70 - 125
cis-1,3-Dichloropropene	50.0	48.9		ug/Kg		98	64 - 127
Dibromochloromethane	50.0	42.6		ug/Kg		85	68 - 125
Dibromomethane	50.0	44.8		ug/Kg		90	70 - 120
Dichlorodifluoromethane	50.0	51.9		ug/Kg		104	40 - 159
Ethylbenzene	50.0	47.3		ug/Kg		95	70 - 123
Hexachlorobutadiene	50.0	53.0		ug/Kg		106	51 - 150
Isopropylbenzene	50.0	50.1		ug/Kg		100	70 - 126
Methyl tert-butyl ether	50.0	47.1		ug/Kg		94	55 - 123
Methylene Chloride	50.0	45.7		ug/Kg		91	69 - 125
Naphthalene	50.0	39.8		ug/Kg		80	53 - 144
n-Butylbenzene	50.0	53.1		ug/Kg		106	68 - 125
N-Propylbenzene	50.0	51.3		ug/Kg		103	69 - 127
p-Isopropyltoluene	50.0	51.0		ug/Kg		102	70 - 125
sec-Butylbenzene	50.0	51.6		ug/Kg		103	70 - 123
Styrene	50.0	48.6		ug/Kg		97	70 - 120
tert-Butylbenzene	50.0	51.2		ug/Kg		102	70 - 121
Tetrachloroethene	50.0	48.8		ug/Kg		98	70 - 128
Toluene	50.0	47.3		ug/Kg		95	70 - 125
trans-1,2-Dichloroethene	50.0	47.2		ug/Kg		94	70 - 125
trans-1,3-Dichloropropene	50.0	47.4		ug/Kg		95	62 - 128
Trichloroethene	50.0	46.3		ug/Kg		93	70 - 125
Trichlorofluoromethane	50.0	45.0		ug/Kg		90	55 - 128
Vinyl chloride	50.0	57.0		ug/Kg		114	64 - 126
Xylenes, Total	100	102		ug/Kg		102	70 - 125

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*100*		*75 - 126*
4-Bromofluorobenzene (Surr)	*111*		*72 - 124*
Dibromofluoromethane (Surr)	*98*		*75 - 120*
Toluene-d8 (Surr)	*108*		*75 - 120*

Method: 8270E - Semivolatile Organic Compounds (GC/MS)

Lab Sample ID: MB 500-712339/1-A
Matrix: Solid
Analysis Batch: 712679

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 712339

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	<8.1		67	8.1	ug/Kg		05/10/23 07:13	05/11/23 15:30	1
2-Methylnaphthalene	<6.1		67	6.1	ug/Kg		05/10/23 07:13	05/11/23 15:30	1
Acenaphthene	<6.0		33	6.0	ug/Kg		05/10/23 07:13	05/11/23 15:30	1
Acenaphthylene	<4.4		33	4.4	ug/Kg		05/10/23 07:13	05/11/23 15:30	1
Anthracene	<5.6		33	5.6	ug/Kg		05/10/23 07:13	05/11/23 15:30	1
Benzo[a]anthracene	<4.5		33	4.5	ug/Kg		05/10/23 07:13	05/11/23 15:30	1
Benzo[a]pyrene	<6.4		33	6.4	ug/Kg		05/10/23 07:13	05/11/23 15:30	1
Benzo[b]fluoranthene	<7.2		33	7.2	ug/Kg		05/10/23 07:13	05/11/23 15:30	1
Benzo[g,h,i]perylene	<11		33	11	ug/Kg		05/10/23 07:13	05/11/23 15:30	1
Benzo[k]fluoranthene	<9.8		33	9.8	ug/Kg		05/10/23 07:13	05/11/23 15:30	1
Chrysene	<9.1		33	9.1	ug/Kg		05/10/23 07:13	05/11/23 15:30	1
Dibenz(a,h)anthracene	<6.4		33	6.4	ug/Kg		05/10/23 07:13	05/11/23 15:30	1
Fluoranthene	<6.2		33	6.2	ug/Kg		05/10/23 07:13	05/11/23 15:30	1
Fluorene	<4.7		33	4.7	ug/Kg		05/10/23 07:13	05/11/23 15:30	1
Indeno[1,2,3-cd]pyrene	<8.6		33	8.6	ug/Kg		05/10/23 07:13	05/11/23 15:30	1
Naphthalene	<5.1		33	5.1	ug/Kg		05/10/23 07:13	05/11/23 15:30	1
Phenanthrene	<4.6		33	4.6	ug/Kg		05/10/23 07:13	05/11/23 15:30	1
Pyrene	<6.6		33	6.6	ug/Kg		05/10/23 07:13	05/11/23 15:30	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Nitrobenzene-d5 (Surr)	*86*		*37 - 147*	*05/10/23 07:13*	*05/11/23 15:30*	*1*
2-Fluorobiphenyl (Surr)	*100*		*43 - 145*	*05/10/23 07:13*	*05/11/23 15:30*	*1*
Terphenyl-d14 (Surr)	*101*		*42 - 157*	*05/10/23 07:13*	*05/11/23 15:30*	*1*

Lab Sample ID: LCS 500-712339/2-A
Matrix: Solid
Analysis Batch: 712679

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 712339

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1-Methylnaphthalene	3330	2900		ug/Kg		87	68 - 111
2-Methylnaphthalene	3330	2920		ug/Kg		88	69 - 112
Acenaphthene	3330	3070		ug/Kg		92	65 - 124
Acenaphthylene	3330	3140		ug/Kg		94	68 - 120
Anthracene	3330	3270		ug/Kg		98	70 - 114
Benzo[a]anthracene	3330	3110		ug/Kg		93	67 - 122
Benzo[a]pyrene	3330	3460		ug/Kg		104	65 - 133
Benzo[b]fluoranthene	3330	3160		ug/Kg		95	69 - 129
Benzo[g,h,i]perylene	3330	3070		ug/Kg		92	72 - 131
Benzo[k]fluoranthene	3330	3020		ug/Kg		91	68 - 127
Chrysene	3330	3280		ug/Kg		98	63 - 120
Dibenz(a,h)anthracene	3330	3270		ug/Kg		98	64 - 131
Fluoranthene	3330	3470		ug/Kg		104	62 - 120
Fluorene	3330	3100		ug/Kg		93	62 - 120
Indeno[1,2,3-cd]pyrene	3330	3440		ug/Kg		103	68 - 130
Naphthalene	3330	2960		ug/Kg		89	63 - 110
Phenanthrene	3330	3220		ug/Kg		97	62 - 120
Pyrene	3330	3240		ug/Kg		97	61 - 128

Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 500-712339/2-A
Matrix: Solid
Analysis Batch: 712679

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 712339

Surrogate	LCS %Recovery	LCS Qualifier	Limits
Nitrobenzene-d5 (Surr)	86		37 - 147
2-Fluorobiphenyl (Surr)	94		43 - 145
Terphenyl-d14 (Surr)	100		42 - 157

Lab Sample ID: MB 500-712490/1-A
Matrix: Solid
Analysis Batch: 712888

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 712490

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	<8.1		67	8.1	ug/Kg		05/10/23 13:07	05/12/23 17:23	1
2-Methylnaphthalene	<6.1		67	6.1	ug/Kg		05/10/23 13:07	05/12/23 17:23	1
Acenaphthene	<6.0		33	6.0	ug/Kg		05/10/23 13:07	05/12/23 17:23	1
Acenaphthylene	<4.4		33	4.4	ug/Kg		05/10/23 13:07	05/12/23 17:23	1
Anthracene	<5.6		33	5.6	ug/Kg		05/10/23 13:07	05/12/23 17:23	1
Benzo[a]anthracene	<4.5		33	4.5	ug/Kg		05/10/23 13:07	05/12/23 17:23	1
Benzo[a]pyrene	<6.4	*3	33	6.4	ug/Kg		05/10/23 13:07	05/12/23 17:23	1
Benzo[b]fluoranthene	<7.2	*3	33	7.2	ug/Kg		05/10/23 13:07	05/12/23 17:23	1
Benzo[g,h,i]perylene	<11	*3	33	11	ug/Kg		05/10/23 13:07	05/12/23 17:23	1
Benzo[k]fluoranthene	<9.8	*3	33	9.8	ug/Kg		05/10/23 13:07	05/12/23 17:23	1
Chrysene	<9.1		33	9.1	ug/Kg		05/10/23 13:07	05/12/23 17:23	1
Dibenz(a,h)anthracene	<6.4	*3	33	6.4	ug/Kg		05/10/23 13:07	05/12/23 17:23	1
Fluoranthene	<6.2		33	6.2	ug/Kg		05/10/23 13:07	05/12/23 17:23	1
Fluorene	<4.7		33	4.7	ug/Kg		05/10/23 13:07	05/12/23 17:23	1
Indeno[1,2,3-cd]pyrene	<8.6	*3	33	8.6	ug/Kg		05/10/23 13:07	05/12/23 17:23	1
Naphthalene	<5.1		33	5.1	ug/Kg		05/10/23 13:07	05/12/23 17:23	1
Phenanthrene	<4.6		33	4.6	ug/Kg		05/10/23 13:07	05/12/23 17:23	1
Pyrene	<6.6		33	6.6	ug/Kg		05/10/23 13:07	05/12/23 17:23	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
Nitrobenzene-d5 (Surr)	85		37 - 147	05/10/23 13:07	05/12/23 17:23	1
2-Fluorobiphenyl (Surr)	89		43 - 145	05/10/23 13:07	05/12/23 17:23	1
Terphenyl-d14 (Surr)	95		42 - 157	05/10/23 13:07	05/12/23 17:23	1

Lab Sample ID: LCS 500-712490/2-A
Matrix: Solid
Analysis Batch: 712888

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 712490

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1-Methylnaphthalene	3330	2670		ug/Kg		80	68 - 111
2-Methylnaphthalene	3330	2690		ug/Kg		81	69 - 112
Acenaphthene	3330	2740		ug/Kg		82	65 - 124
Acenaphthylene	3330	2750		ug/Kg		83	68 - 120
Anthracene	3330	2850		ug/Kg		85	70 - 114
Benzo[a]anthracene	3330	2840		ug/Kg		85	67 - 122
Benzo[a]pyrene	3330	3220		ug/Kg		97	65 - 133
Benzo[b]fluoranthene	3330	2940		ug/Kg		88	69 - 129
Benzo[g,h,i]perylene	3330	2750		ug/Kg		83	72 - 131
Benzo[k]fluoranthene	3330	2950		ug/Kg		88	68 - 127

Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 500-712490/2-A
Matrix: Solid
Analysis Batch: 712888

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 712490

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chrysene	3330	2930		ug/Kg		88	63 - 120
Dibenz(a,h)anthracene	3330	2840		ug/Kg		85	64 - 131
Fluoranthene	3330	2730		ug/Kg		82	62 - 120
Fluorene	3330	2690		ug/Kg		81	62 - 120
Indeno[1,2,3-cd]pyrene	3330	2800		ug/Kg		84	68 - 130
Naphthalene	3330	2520		ug/Kg		76	63 - 110
Phenanthrene	3330	2700		ug/Kg		81	62 - 120
Pyrene	3330	2980		ug/Kg		89	61 - 128

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
Nitrobenzene-d5 (Surr)	*80*		*37 - 147*
2-Fluorobiphenyl (Surr)	*83*		*43 - 145*
Terphenyl-d14 (Surr)	*88*		*42 - 157*

Lab Sample ID: 500-233489-2 MS
Matrix: Solid
Analysis Batch: 712673

Client Sample ID: SB-3 (0.75-1.5)
Prep Type: Total/NA
Prep Batch: 712490

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
1-Methylnaphthalene	<8.8	F1	3740	2870		ug/Kg	☼	77	68 - 111
2-Methylnaphthalene	<6.6	F1	3740	2950		ug/Kg	☼	79	69 - 112
Acenaphthene	<6.5		3740	3120		ug/Kg	☼	83	65 - 124
Acenaphthylene	<4.7		3740	3550		ug/Kg	☼	95	68 - 120
Anthracene	<6.0	F1	3740	3270		ug/Kg	☼	87	70 - 114
Benzo[a]anthracene	13	J	3740	3310		ug/Kg	☼	88	67 - 122
Benzo[a]pyrene	<7.0		3740	3330		ug/Kg	☼	89	65 - 133
Benzo[b]fluoranthene	40	F1	3740	3150		ug/Kg	☼	83	69 - 129
Benzo[g,h,i]perylene	<12		3740	3610		ug/Kg	☼	96	72 - 131
Benzo[k]fluoranthene	<11		3740	3240		ug/Kg	☼	86	68 - 127
Chrysene	<9.8		3740	3410		ug/Kg	☼	91	63 - 120
Dibenz(a,h)anthracene	<6.9		3740	3090		ug/Kg	☼	83	64 - 131
Fluoranthene	16	J	3740	3480		ug/Kg	☼	93	62 - 120
Fluorene	<5.0		3740	2960		ug/Kg	☼	79	62 - 120
Indeno[1,2,3-cd]pyrene	<9.3		3740	3860		ug/Kg	☼	103	68 - 130
Naphthalene	<5.5		3740	2930		ug/Kg	☼	78	63 - 110
Phenanthrene	11	J	3740	3190		ug/Kg	☼	85	62 - 120
Pyrene	13	J	3740	3540		ug/Kg	☼	94	61 - 128

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
Nitrobenzene-d5 (Surr)	*72*		*37 - 147*
2-Fluorobiphenyl (Surr)	*77*		*43 - 145*
Terphenyl-d14 (Surr)	*88*		*42 - 157*

Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 500-233489-2 MSD
Matrix: Solid
Analysis Batch: 712673

Client Sample ID: SB-3 (0.75-1.5)
Prep Type: Total/NA
Prep Batch: 712490

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1-Methylnaphthalene	<8.8	F1	3780	2450	F1	ug/Kg	☼	65	68 - 111	16	30
2-Methylnaphthalene	<6.6	F1	3780	2460	F1	ug/Kg	☼	65	69 - 112	18	30
Acenaphthene	<6.5		3780	2500		ug/Kg	☼	66	65 - 124	22	30
Acenaphthylene	<4.7		3780	2870		ug/Kg	☼	76	68 - 120	21	30
Anthracene	<6.0	F1	3780	2610	F1	ug/Kg	☼	69	70 - 114	22	30
Benzo[a]anthracene	13	J	3780	2650		ug/Kg	☼	70	67 - 122	22	30
Benzo[a]pyrene	<7.0		3780	2630		ug/Kg	☼	70	65 - 133	24	30
Benzo[b]fluoranthene	40	F1	3780	2530	F1	ug/Kg	☼	66	69 - 129	22	30
Benzo[g,h,i]perylene	<12		3780	2960		ug/Kg	☼	78	72 - 131	20	30
Benzo[k]fluoranthene	<11		3780	2550		ug/Kg	☼	68	68 - 127	24	30
Chrysene	<9.8		3780	2710		ug/Kg	☼	72	63 - 120	23	30
Dibenz(a,h)anthracene	<6.9		3780	2700		ug/Kg	☼	72	64 - 131	14	30
Fluoranthene	16	J	3780	2730		ug/Kg	☼	72	62 - 120	24	30
Fluorene	<5.0		3780	2390		ug/Kg	☼	63	62 - 120	21	30
Indeno[1,2,3-cd]pyrene	<9.3		3780	3260		ug/Kg	☼	86	68 - 130	17	30
Naphthalene	<5.5		3780	2480		ug/Kg	☼	66	63 - 110	17	30
Phenanthrene	11	J	3780	2600		ug/Kg	☼	69	62 - 120	20	30
Pyrene	13	J	3780	2890		ug/Kg	☼	76	61 - 128	20	30

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
Nitrobenzene-d5 (Surr)	*63*		*37 - 147*
2-Fluorobiphenyl (Surr)	*67*		*43 - 145*
Terphenyl-d14 (Surr)	*71*		*42 - 157*

Method: 6010C - Metals (ICP)

Lab Sample ID: MB 500-712438/1-A
Matrix: Solid
Analysis Batch: 713974

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 712438

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	<0.34		1.0	0.34	mg/Kg		05/10/23 09:59	05/17/23 18:57	1
Barium	<0.11		1.0	0.11	mg/Kg		05/10/23 09:59	05/17/23 18:57	1
Cadmium	0.0434	J	0.20	0.036	mg/Kg		05/10/23 09:59	05/17/23 18:57	1
Chromium	<0.50		1.0	0.50	mg/Kg		05/10/23 09:59	05/17/23 18:57	1
Lead	<0.23		0.50	0.23	mg/Kg		05/10/23 09:59	05/17/23 18:57	1
Selenium	<0.59		1.0	0.59	mg/Kg		05/10/23 09:59	05/17/23 18:57	1
Silver	<0.13		0.50	0.13	mg/Kg		05/10/23 09:59	05/17/23 18:57	1

Lab Sample ID: LCS 500-712438/2-A
Matrix: Solid
Analysis Batch: 713974

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 712438

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Arsenic			10.0	9.23		mg/Kg		92	80 - 120		
Barium			200	196		mg/Kg		98	80 - 120		
Cadmium			5.00	4.73		mg/Kg		95	80 - 120		
Chromium			20.0	19.5		mg/Kg		97	80 - 120		
Lead			10.0	9.39		mg/Kg		94	80 - 120		

Method: 6010C - Metals (ICP) (Continued)

Lab Sample ID: LCS 500-712438/2-A
Matrix: Solid
Analysis Batch: 713974

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 712438

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Selenium			10.0	8.58		mg/Kg		86	80 - 120		
Silver			5.00	4.64		mg/Kg		93	80 - 120		

Lab Sample ID: 500-233489-1 MS
Matrix: Solid
Analysis Batch: 713974

Client Sample ID: SB-2 (0.5-1.5)
Prep Type: Total/NA
Prep Batch: 712438

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Arsenic	4.5	F1	11.4	12.5	F1	mg/Kg	☼	70	75 - 125		
Barium	120		228	306		mg/Kg	☼	83	75 - 125		
Cadmium	0.13	J B	5.70	4.46		mg/Kg	☼	76	75 - 125		
Chromium	33		22.8	52.3		mg/Kg	☼	86	75 - 125		
Lead	11		11.4	21.2		mg/Kg	☼	87	75 - 125		
Selenium	<0.70	F1	11.4	7.54	F1	mg/Kg	☼	66	75 - 125		
Silver	0.64		5.70	4.97		mg/Kg	☼	76	75 - 125		

Lab Sample ID: 500-233489-1 MSD
Matrix: Solid
Analysis Batch: 713974

Client Sample ID: SB-2 (0.5-1.5)
Prep Type: Total/NA
Prep Batch: 712438

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Arsenic	4.5	F1	11.0	12.6	F1	mg/Kg	☼	73	75 - 125	1	20
Barium	120		220	302		mg/Kg	☼	84	75 - 125	1	20
Cadmium	0.13	J B	5.49	4.28		mg/Kg	☼	76	75 - 125	4	20
Chromium	33		22.0	51.6		mg/Kg	☼	86	75 - 125	1	20
Lead	11		11.0	21.3		mg/Kg	☼	92	75 - 125	1	20
Selenium	<0.70	F1	11.0	6.97	F1	mg/Kg	☼	63	75 - 125	8	20
Silver	0.64		5.49	4.89		mg/Kg	☼	77	75 - 125	2	20

Lab Sample ID: 500-233489-1 DU
Matrix: Solid
Analysis Batch: 713974

Client Sample ID: SB-2 (0.5-1.5)
Prep Type: Total/NA
Prep Batch: 712438

Analyte	Sample Result	Sample Qualifier		DU Result	DU Qualifier	Unit	D			RPD	RPD Limit
Arsenic	4.5	F1		4.68		mg/Kg	☼			3	20
Barium	120			117		mg/Kg	☼			0.5	20
Cadmium	0.13	J B		0.148	J	mg/Kg	☼			11	20
Chromium	33			31.5		mg/Kg	☼			4	20
Lead	11			11.6		mg/Kg	☼			3	20
Selenium	<0.70	F1		<0.69		mg/Kg	☼			NC	20
Silver	0.64			0.651		mg/Kg	☼			2	20

Lab Sample ID: MB 500-712516/1-A
Matrix: Solid
Analysis Batch: 713973

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 712516

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	<0.34		1.0	0.34	mg/Kg		05/10/23 16:04	05/17/23 15:10	1
Barium	<0.11		1.0	0.11	mg/Kg		05/10/23 16:04	05/17/23 15:10	1
Cadmium	<0.036		0.20	0.036	mg/Kg		05/10/23 16:04	05/17/23 15:10	1

Method: 6010C - Metals (ICP) (Continued)

Lab Sample ID: MB 500-712516/1-A
Matrix: Solid
Analysis Batch: 713973

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 712516

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chromium	<0.50		1.0	0.50	mg/Kg		05/10/23 16:04	05/17/23 15:10	1
Lead	<0.23		0.50	0.23	mg/Kg		05/10/23 16:04	05/17/23 15:10	1
Selenium	<0.59		1.0	0.59	mg/Kg		05/10/23 16:04	05/17/23 15:10	1
Silver	<0.13		0.50	0.13	mg/Kg		05/10/23 16:04	05/17/23 15:10	1

Lab Sample ID: LCS 500-712516/2-A
Matrix: Solid
Analysis Batch: 713973

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 712516

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Arsenic	10.0	9.33		mg/Kg		93	80 - 120
Barium	200	199		mg/Kg		100	80 - 120
Cadmium	5.00	4.70		mg/Kg		94	80 - 120
Chromium	20.0	18.5		mg/Kg		93	80 - 120
Lead	10.0	9.03		mg/Kg		90	80 - 120
Selenium	10.0	8.75		mg/Kg		88	80 - 120
Silver	5.00	4.53		mg/Kg		91	80 - 120

Method: 7471B - Mercury (CVAA)

Lab Sample ID: MB 500-712925/12-A
Matrix: Solid
Analysis Batch: 713304

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 712925

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.0088		0.017	0.0088	mg/Kg		05/12/23 14:55	05/15/23 07:39	1

Lab Sample ID: LCS 500-712925/13-A
Matrix: Solid
Analysis Batch: 713304

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 712925

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Mercury	0.165	0.156		mg/Kg		94	80 - 120

Lab Sample ID: 500-233489-10 MS
Matrix: Solid
Analysis Batch: 713304

Client Sample ID: SB-12 (0.25-1.75)
Prep Type: Total/NA
Prep Batch: 712925

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Mercury	0.031		0.0972	0.138		mg/Kg	☼	110	75 - 125

Lab Sample ID: 500-233489-10 MSD
Matrix: Solid
Analysis Batch: 713304

Client Sample ID: SB-12 (0.25-1.75)
Prep Type: Total/NA
Prep Batch: 712925

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Mercury	0.031		0.0968	0.132		mg/Kg	☼	105	75 - 125	4	20

Method: 7471B - Mercury (CVAA) (Continued)

Lab Sample ID: 500-233489-10 DU
Matrix: Solid
Analysis Batch: 713304

Client Sample ID: SB-12 (0.25-1.75)
Prep Type: Total/NA
Prep Batch: 712925

Analyte	Sample Result	Sample Qualifier		DU Result	DU Qualifier	Unit	D			RPD	RPD Limit
Mercury	0.031			0.0303		mg/Kg	☼			2	20

Lab Sample ID: MB 500-712940/12-A
Matrix: Solid
Analysis Batch: 713304

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 712940

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.0088		0.017	0.0088	mg/Kg		05/12/23 14:55	05/15/23 08:36	1

Lab Sample ID: LCS 500-712940/13-A
Matrix: Solid
Analysis Batch: 713304

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 712940

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Mercury			0.165	0.152		mg/Kg		92	80 - 120		

Lab Sample ID: 500-233489-32 MS
Matrix: Solid
Analysis Batch: 713304

Client Sample ID: SB-36 (0.25-2.25)
Prep Type: Total/NA
Prep Batch: 712940

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Mercury	0.015	J	0.0932	0.111		mg/Kg	☼	103	75 - 125		

Lab Sample ID: 500-233489-32 MSD
Matrix: Solid
Analysis Batch: 713304

Client Sample ID: SB-36 (0.25-2.25)
Prep Type: Total/NA
Prep Batch: 712940

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Mercury	0.015	J	0.0930	0.114		mg/Kg	☼	107	75 - 125	3	20

Lab Sample ID: 500-233489-32 DU
Matrix: Solid
Analysis Batch: 713304

Client Sample ID: SB-36 (0.25-2.25)
Prep Type: Total/NA
Prep Batch: 712940

Analyte	Sample Result	Sample Qualifier		DU Result	DU Qualifier	Unit	D			RPD	RPD Limit
Mercury	0.015	J		0.0104	J F5	mg/Kg	☼			35	20

Lab Chronicle

Client: Stantec Consulting Corp.
Project/Site: 333 Reed Avenue Soil Char - 193709261

Job ID: 500-233489-1

Client Sample ID: SB-2 (0.5-1.5)
Date Collected: 05/05/23 09:50
Date Received: 05/09/23 08:29

Lab Sample ID: 500-233489-1
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	712635	LWN	EET CHI	05/11/23 08:56

Client Sample ID: SB-2 (0.5-1.5)
Date Collected: 05/05/23 09:50
Date Received: 05/09/23 08:29

Lab Sample ID: 500-233489-1
Matrix: Solid
Percent Solids: 78.0

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			712293	WRE	EET CHI	05/05/23 09:50
Total/NA	Analysis	8260B		50	713382	AJP	EET CHI	05/16/23 03:32
Total/NA	Prep	3541			712490	EK	EET CHI	05/10/23 13:07 - 05/10/23 21:00 [1]
Total/NA	Analysis	8270E		1	712673	SS	EET CHI	05/11/23 12:34
Total/NA	Prep	3050B			712438	BDE	EET CHI	05/10/23 09:59 - 05/10/23 10:29 [1]
Total/NA	Analysis	6010C		1	713974	OAJ	EET CHI	05/17/23 19:04
Total/NA	Prep	7471B			712925	MJG	EET CHI	05/12/23 14:55
Total/NA	Analysis	7471B		1	713304	MJG	EET CHI	05/15/23 07:43

Client Sample ID: SB-3 (0.75-1.5)
Date Collected: 05/04/23 12:00
Date Received: 05/09/23 08:29

Lab Sample ID: 500-233489-2
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	712635	LWN	EET CHI	05/11/23 08:56

Client Sample ID: SB-3 (0.75-1.5)
Date Collected: 05/04/23 12:00
Date Received: 05/09/23 08:29

Lab Sample ID: 500-233489-2
Matrix: Solid
Percent Solids: 87.7

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			712293	WRE	EET CHI	05/05/23 12:00
Total/NA	Analysis	8260B		50	713382	AJP	EET CHI	05/16/23 03:55
Total/NA	Prep	3541			712490	EK	EET CHI	05/10/23 13:07 - 05/10/23 21:00 [1]
Total/NA	Analysis	8270E		1	712673	SS	EET CHI	05/11/23 12:59
Total/NA	Prep	3050B			712438	BDE	EET CHI	05/10/23 09:59 - 05/10/23 10:29 [1]
Total/NA	Analysis	6010C		1	713974	OAJ	EET CHI	05/17/23 19:21
Total/NA	Prep	7471B			712925	MJG	EET CHI	05/12/23 14:55
Total/NA	Analysis	7471B		1	713304	MJG	EET CHI	05/15/23 07:45

Client Sample ID: SB-4 (2-3.5)
Date Collected: 05/04/23 14:45
Date Received: 05/09/23 08:29

Lab Sample ID: 500-233489-3
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	712635	LWN	EET CHI	05/11/23 08:56

Lab Chronicle

Client: Stantec Consulting Corp.
Project/Site: 333 Reed Avenue Soil Char - 193709261

Job ID: 500-233489-1

Client Sample ID: SB-4 (2-3.5)

Date Collected: 05/04/23 14:45
Date Received: 05/09/23 08:29

Lab Sample ID: 500-233489-3

Matrix: Solid
Percent Solids: 90.0

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			712293	WRE	EET CHI	05/05/23 14:45
Total/NA	Analysis	8260B		50	713382	AJP	EET CHI	05/16/23 04:18
Total/NA	Prep	3541			712490	EK	EET CHI	05/10/23 13:07 - 05/10/23 21:00 [1]
Total/NA	Analysis	8270E		1	712673	SS	EET CHI	05/11/23 14:14
Total/NA	Prep	3050B			712438	BDE	EET CHI	05/10/23 09:59 - 05/10/23 10:29 [1]
Total/NA	Analysis	6010C		1	713974	OAJ	EET CHI	05/17/23 19:24
Total/NA	Prep	7471B			712925	MJG	EET CHI	05/12/23 14:55
Total/NA	Analysis	7471B		1	713304	MJG	EET CHI	05/15/23 07:47

Client Sample ID: SB-5 (0-2)

Date Collected: 05/04/23 11:45
Date Received: 05/09/23 08:29

Lab Sample ID: 500-233489-4

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	712635	LWN	EET CHI	05/11/23 08:56

Client Sample ID: SB-5 (0-2)

Date Collected: 05/04/23 11:45
Date Received: 05/09/23 08:29

Lab Sample ID: 500-233489-4

Matrix: Solid
Percent Solids: 83.1

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			712293	WRE	EET CHI	05/05/23 11:45
Total/NA	Analysis	8260B		50	713382	AJP	EET CHI	05/16/23 04:41
Total/NA	Prep	3541			712490	EK	EET CHI	05/10/23 13:07 - 05/10/23 21:00 [1]
Total/NA	Analysis	8270E		1	712673	SS	EET CHI	05/11/23 14:40
Total/NA	Prep	3050B			712438	BDE	EET CHI	05/10/23 09:59 - 05/10/23 10:29 [1]
Total/NA	Analysis	6010C		1	713974	OAJ	EET CHI	05/17/23 19:28
Total/NA	Prep	7471B			712925	MJG	EET CHI	05/12/23 14:55
Total/NA	Analysis	7471B		1	713304	MJG	EET CHI	05/15/23 07:49

Client Sample ID: SB-8 (4-6)

Date Collected: 05/04/23 14:15
Date Received: 05/09/23 08:29

Lab Sample ID: 500-233489-5

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	712635	LWN	EET CHI	05/11/23 08:56

Client Sample ID: SB-8 (4-6)

Date Collected: 05/04/23 14:15
Date Received: 05/09/23 08:29

Lab Sample ID: 500-233489-5

Matrix: Solid
Percent Solids: 84.6

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			712293	WRE	EET CHI	05/05/23 12:15
Total/NA	Analysis	8260B		50	713382	AJP	EET CHI	05/16/23 05:03
Total/NA	Prep	3541			712490	EK	EET CHI	05/10/23 13:07 - 05/10/23 21:00 [1]
Total/NA	Analysis	8270E		1	712673	SS	EET CHI	05/11/23 15:05

Lab Chronicle

Client: Stantec Consulting Corp.
Project/Site: 333 Reed Avenue Soil Char - 193709261

Job ID: 500-233489-1

Client Sample ID: SB-8 (4-6)
Date Collected: 05/04/23 14:15
Date Received: 05/09/23 08:29

Lab Sample ID: 500-233489-5
Matrix: Solid
Percent Solids: 84.6

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3050B			712438	BDE	EET CHI	05/10/23 09:59 - 05/10/23 10:29 [1]
Total/NA	Analysis	6010C		1	713974	OAJ	EET CHI	05/17/23 19:38
Total/NA	Prep	7471B			712925	MJG	EET CHI	05/12/23 14:55
Total/NA	Analysis	7471B		1	713304	MJG	EET CHI	05/15/23 07:51

Client Sample ID: SB-9 (0-2)
Date Collected: 05/05/23 10:00
Date Received: 05/09/23 08:29

Lab Sample ID: 500-233489-6
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	712635	LWN	EET CHI	05/11/23 08:56

Client Sample ID: SB-9 (0-2)
Date Collected: 05/05/23 10:00
Date Received: 05/09/23 08:29

Lab Sample ID: 500-233489-6
Matrix: Solid
Percent Solids: 80.6

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			712293	WRE	EET CHI	05/05/23 10:00
Total/NA	Analysis	8260B		50	713382	AJP	EET CHI	05/16/23 05:26
Total/NA	Prep	3541			712490	EK	EET CHI	05/10/23 13:07 - 05/10/23 21:00 [1]
Total/NA	Analysis	8270E		1	712673	SS	EET CHI	05/11/23 15:30
Total/NA	Prep	3050B			712438	BDE	EET CHI	05/10/23 09:59 - 05/10/23 10:29 [1]
Total/NA	Analysis	6010C		1	713974	OAJ	EET CHI	05/17/23 19:42
Total/NA	Prep	7471B			712925	MJG	EET CHI	05/12/23 14:55
Total/NA	Analysis	7471B		1	713304	MJG	EET CHI	05/15/23 07:57

Client Sample ID: SB-22 (0.5-1.5)
Date Collected: 05/04/23 14:40
Date Received: 05/09/23 08:29

Lab Sample ID: 500-233489-7
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	712635	LWN	EET CHI	05/11/23 08:56

Client Sample ID: SB-22 (0.5-1.5)
Date Collected: 05/04/23 14:40
Date Received: 05/09/23 08:29

Lab Sample ID: 500-233489-7
Matrix: Solid
Percent Solids: 90.5

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			712293	WRE	EET CHI	05/05/23 14:40
Total/NA	Analysis	8260B		50	713382	AJP	EET CHI	05/16/23 05:50
Total/NA	Prep	3541			712490	EK	EET CHI	05/10/23 13:07 - 05/10/23 21:00 [1]
Total/NA	Analysis	8270E		1	712673	SS	EET CHI	05/11/23 15:56
Total/NA	Prep	3050B			712438	BDE	EET CHI	05/10/23 09:59 - 05/10/23 10:29 [1]
Total/NA	Analysis	6010C		1	713974	OAJ	EET CHI	05/17/23 19:45
Total/NA	Prep	7471B			712925	MJG	EET CHI	05/12/23 14:55
Total/NA	Analysis	7471B		1	713304	MJG	EET CHI	05/15/23 07:59

Lab Chronicle

Client: Stantec Consulting Corp.
Project/Site: 333 Reed Avenue Soil Char - 193709261

Job ID: 500-233489-1

Client Sample ID: SB-13 (3.25-4)
Date Collected: 05/04/23 14:35
Date Received: 05/09/23 08:29

Lab Sample ID: 500-233489-8
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	712635	LWN	EET CHI	05/11/23 08:56

Client Sample ID: SB-13 (3.25-4)
Date Collected: 05/04/23 14:35
Date Received: 05/09/23 08:29

Lab Sample ID: 500-233489-8
Matrix: Solid
Percent Solids: 79.1

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			712293	WRE	EET CHI	05/05/23 14:35
Total/NA	Analysis	8260B		50	713382	AJP	EET CHI	05/16/23 06:13
Total/NA	Prep	3541			712490	EK	EET CHI	05/10/23 13:07 - 05/10/23 21:00 [1]
Total/NA	Analysis	8270E		1	712673	SS	EET CHI	05/11/23 16:21
Total/NA	Prep	3050B			712438	BDE	EET CHI	05/10/23 09:59 - 05/10/23 10:29 [1]
Total/NA	Analysis	6010C		1	713974	OAJ	EET CHI	05/17/23 19:49
Total/NA	Prep	7471B			712925	MJG	EET CHI	05/12/23 14:55
Total/NA	Analysis	7471B		1	713304	MJG	EET CHI	05/15/23 08:01

Client Sample ID: Trip Blank
Date Collected: 05/04/23 00:00
Date Received: 05/09/23 08:29

Lab Sample ID: 500-233489-9
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			712293	WRE	EET CHI	05/05/23 00:00
Total/NA	Analysis	8260B		50	713382	AJP	EET CHI	05/16/23 03:10

Client Sample ID: SB-12 (0.25-1.75)
Date Collected: 05/04/23 13:50
Date Received: 05/09/23 08:29

Lab Sample ID: 500-233489-10
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	712635	LWN	EET CHI	05/11/23 08:56

Client Sample ID: SB-12 (0.25-1.75)
Date Collected: 05/04/23 13:50
Date Received: 05/09/23 08:29

Lab Sample ID: 500-233489-10
Matrix: Solid
Percent Solids: 82.4

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			712293	WRE	EET CHI	05/05/23 13:50
Total/NA	Analysis	8260B		50	713604	EA	EET CHI	05/17/23 02:01
Total/NA	Prep	3541			712490	EK	EET CHI	05/10/23 13:07 - 05/10/23 21:00 [1]
Total/NA	Analysis	8270E		1	712673	SS	EET CHI	05/11/23 16:46
Total/NA	Prep	3050B			712438	BDE	EET CHI	05/10/23 09:59 - 05/10/23 10:29 [1]
Total/NA	Analysis	6010C		1	713974	OAJ	EET CHI	05/17/23 19:52
Total/NA	Prep	7471B			712925	MJG	EET CHI	05/12/23 14:55
Total/NA	Analysis	7471B		1	713304	MJG	EET CHI	05/15/23 08:03

Lab Chronicle

Client: Stantec Consulting Corp.
Project/Site: 333 Reed Avenue Soil Char - 193709261

Job ID: 500-233489-1

Client Sample ID: SB-16 (1.75-3)
Date Collected: 05/04/23 14:05
Date Received: 05/09/23 08:29

Lab Sample ID: 500-233489-11
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	712635	LWN	EET CHI	05/11/23 08:56

Client Sample ID: SB-16 (1.75-3)
Date Collected: 05/04/23 14:05
Date Received: 05/09/23 08:29

Lab Sample ID: 500-233489-11
Matrix: Solid
Percent Solids: 78.8

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			712293	WRE	EET CHI	05/05/23 14:05
Total/NA	Analysis	8260B		50	713604	EA	EET CHI	05/17/23 02:25
Total/NA	Prep	3541			712490	EK	EET CHI	05/10/23 13:07 - 05/10/23 21:00 [1]
Total/NA	Analysis	8270E		1	712673	SS	EET CHI	05/11/23 17:11
Total/NA	Prep	3050B			712438	BDE	EET CHI	05/10/23 09:59 - 05/10/23 10:29 [1]
Total/NA	Analysis	6010C		1	713974	OAJ	EET CHI	05/17/23 19:56
Total/NA	Prep	7471B			712925	MJG	EET CHI	05/12/23 14:55
Total/NA	Analysis	7471B		1	713304	MJG	EET CHI	05/15/23 08:11

Client Sample ID: SB-15 (1.5-3.5)
Date Collected: 05/04/23 11:30
Date Received: 05/09/23 08:29

Lab Sample ID: 500-233489-12
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	712635	LWN	EET CHI	05/11/23 08:56

Client Sample ID: SB-15 (1.5-3.5)
Date Collected: 05/04/23 11:30
Date Received: 05/09/23 08:29

Lab Sample ID: 500-233489-12
Matrix: Solid
Percent Solids: 86.4

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			712293	WRE	EET CHI	05/05/23 11:30
Total/NA	Analysis	8260B		50	713604	EA	EET CHI	05/17/23 02:49
Total/NA	Prep	3541			712490	EK	EET CHI	05/10/23 13:07 - 05/10/23 21:00 [1]
Total/NA	Analysis	8270E		1	712673	SS	EET CHI	05/11/23 17:36
Total/NA	Prep	3050B			712438	BDE	EET CHI	05/10/23 09:59 - 05/10/23 10:29 [1]
Total/NA	Analysis	6010C		1	713974	OAJ	EET CHI	05/17/23 19:59
Total/NA	Prep	7471B			712925	MJG	EET CHI	05/12/23 14:55
Total/NA	Analysis	7471B		1	713304	MJG	EET CHI	05/15/23 08:13

Client Sample ID: SB-37 (2-3.5)
Date Collected: 05/04/23 15:05
Date Received: 05/09/23 08:29

Lab Sample ID: 500-233489-13
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	712635	LWN	EET CHI	05/11/23 08:56

Client Sample ID: SB-37 (2-3.5)

Lab Sample ID: 500-233489-13
Date Collected: 05/04/23 15:05
Matrix: Solid
Date Received: 05/09/23 08:29
Percent Solids: 84.5

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			712293	WRE	EET CHI	05/05/23 15:05
Total/NA	Analysis	8260B		50	713604	EA	EET CHI	05/17/23 03:13
Total/NA	Prep	3541			712490	EK	EET CHI	05/10/23 13:07 - 05/10/23 21:00 [1]
Total/NA	Analysis	8270E		1	712673	SS	EET CHI	05/11/23 18:01
Total/NA	Prep	3050B			712438	BDE	EET CHI	05/10/23 09:59 - 05/10/23 10:29 [1]
Total/NA	Analysis	6010C		1	713974	OAJ	EET CHI	05/17/23 20:03
Total/NA	Prep	7471B			712925	MJG	EET CHI	05/12/23 14:55
Total/NA	Analysis	7471B		1	713304	MJG	EET CHI	05/15/23 08:15

Client Sample ID: SB-27 (0.5-1)

Lab Sample ID: 500-233489-14
Date Collected: 05/05/23 12:20
Matrix: Solid
Date Received: 05/09/23 08:29

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	712635	LWN	EET CHI	05/11/23 08:56

Client Sample ID: SB-27 (0.5-1)

Lab Sample ID: 500-233489-14
Date Collected: 05/05/23 12:20
Matrix: Solid
Date Received: 05/09/23 08:29
Percent Solids: 89.8

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			712293	WRE	EET CHI	05/05/23 12:20
Total/NA	Analysis	8260B		50	713604	EA	EET CHI	05/17/23 03:37
Total/NA	Prep	3541			712490	EK	EET CHI	05/10/23 13:07 - 05/10/23 21:00 [1]
Total/NA	Analysis	8270E		1	712673	SS	EET CHI	05/11/23 18:25
Total/NA	Prep	3050B			712438	BDE	EET CHI	05/10/23 09:59 - 05/10/23 10:29 [1]
Total/NA	Analysis	6010C		1	713974	OAJ	EET CHI	05/17/23 20:06
Total/NA	Prep	7471B			712925	MJG	EET CHI	05/12/23 14:55
Total/NA	Analysis	7471B		1	713304	MJG	EET CHI	05/15/23 08:21

Client Sample ID: SB-29 (0.5-1.5)

Lab Sample ID: 500-233489-15
Date Collected: 05/05/23 11:40
Matrix: Solid
Date Received: 05/09/23 08:29

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	712635	LWN	EET CHI	05/11/23 08:56

Client Sample ID: SB-29 (0.5-1.5)

Lab Sample ID: 500-233489-15
Date Collected: 05/05/23 11:40
Matrix: Solid
Date Received: 05/09/23 08:29
Percent Solids: 87.3

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			712293	WRE	EET CHI	05/05/23 11:40
Total/NA	Analysis	8260B		50	713604	EA	EET CHI	05/17/23 04:01
Total/NA	Prep	3541			712490	EK	EET CHI	05/10/23 13:07 - 05/10/23 21:00 [1]
Total/NA	Analysis	8270E		1	712673	SS	EET CHI	05/11/23 18:50

Lab Chronicle

Client: Stantec Consulting Corp.
Project/Site: 333 Reed Avenue Soil Char - 193709261

Job ID: 500-233489-1

Client Sample ID: SB-29 (0.5-1.5)
Date Collected: 05/05/23 11:40
Date Received: 05/09/23 08:29

Lab Sample ID: 500-233489-15
Matrix: Solid
Percent Solids: 87.3

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3050B			712438	BDE	EET CHI	05/10/23 09:59 - 05/10/23 10:29 [1]
Total/NA	Analysis	6010C		1	713974	OAJ	EET CHI	05/17/23 20:10
Total/NA	Prep	7471B			712925	MJG	EET CHI	05/12/23 14:55
Total/NA	Analysis	7471B		1	713304	MJG	EET CHI	05/15/23 08:23

Client Sample ID: SB-21 (0.5-1.5)
Date Collected: 05/04/23 11:15
Date Received: 05/09/23 08:29

Lab Sample ID: 500-233489-16
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	712635	LWN	EET CHI	05/11/23 08:56

Client Sample ID: SB-21 (0.5-1.5)
Date Collected: 05/04/23 11:15
Date Received: 05/09/23 08:29

Lab Sample ID: 500-233489-16
Matrix: Solid
Percent Solids: 89.3

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			712293	WRE	EET CHI	05/05/23 11:15
Total/NA	Analysis	8260B		50	713604	EA	EET CHI	05/17/23 04:26
Total/NA	Prep	3541			712490	EK	EET CHI	05/10/23 13:07 - 05/10/23 21:00 [1]
Total/NA	Analysis	8270E		1	712673	SS	EET CHI	05/11/23 19:15
Total/NA	Prep	3050B			712438	BDE	EET CHI	05/10/23 09:59 - 05/10/23 10:29 [1]
Total/NA	Analysis	6010C		1	713974	OAJ	EET CHI	05/17/23 20:20
Total/NA	Prep	7471B			712925	MJG	EET CHI	05/12/23 14:55
Total/NA	Analysis	7471B		1	713304	MJG	EET CHI	05/15/23 08:25

Client Sample ID: SB-25 (0-1.5)
Date Collected: 05/05/23 10:40
Date Received: 05/09/23 08:29

Lab Sample ID: 500-233489-17
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	712635	LWN	EET CHI	05/11/23 08:56

Client Sample ID: SB-25 (0-1.5)
Date Collected: 05/05/23 10:40
Date Received: 05/09/23 08:29

Lab Sample ID: 500-233489-17
Matrix: Solid
Percent Solids: 74.5

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			712293	WRE	EET CHI	05/05/23 10:40
Total/NA	Analysis	8260B		50	713604	EA	EET CHI	05/17/23 04:50
Total/NA	Prep	3541			712490	EK	EET CHI	05/10/23 13:07 - 05/10/23 21:00 [1]
Total/NA	Analysis	8270E		1	712673	SS	EET CHI	05/11/23 19:40
Total/NA	Prep	3050B			712438	BDE	EET CHI	05/10/23 09:59 - 05/10/23 10:29 [1]
Total/NA	Analysis	6010C		1	713974	OAJ	EET CHI	05/17/23 20:24
Total/NA	Prep	7471B			712925	MJG	EET CHI	05/12/23 14:55
Total/NA	Analysis	7471B		1	713304	MJG	EET CHI	05/15/23 08:27

Lab Chronicle

Client: Stantec Consulting Corp.
Project/Site: 333 Reed Avenue Soil Char - 193709261

Job ID: 500-233489-1

Client Sample ID: SB-26 (0-0.5)
Date Collected: 05/04/23 11:10
Date Received: 05/09/23 08:29

Lab Sample ID: 500-233489-18
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	712635	LWN	EET CHI	05/11/23 08:56

Client Sample ID: SB-26 (0-0.5)
Date Collected: 05/04/23 11:10
Date Received: 05/09/23 08:29

Lab Sample ID: 500-233489-18
Matrix: Solid
Percent Solids: 86.9

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			712293	WRE	EET CHI	05/05/23 11:10
Total/NA	Analysis	8260B		50	713604	EA	EET CHI	05/17/23 05:14
Total/NA	Prep	3541			712490	EK	EET CHI	05/10/23 13:07 - 05/10/23 21:00 [1]
Total/NA	Analysis	8270E		1	712673	SS	EET CHI	05/11/23 20:05
Total/NA	Prep	3050B			712438	BDE	EET CHI	05/10/23 09:59 - 05/10/23 10:29 [1]
Total/NA	Analysis	6010C		1	713974	OAJ	EET CHI	05/17/23 20:28
Total/NA	Prep	7471B			712925	MJG	EET CHI	05/12/23 14:55
Total/NA	Analysis	7471B		1	713304	MJG	EET CHI	05/15/23 08:29

Client Sample ID: SB-20 (1.5-2)
Date Collected: 05/04/23 14:20
Date Received: 05/09/23 08:29

Lab Sample ID: 500-233489-19
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	712635	LWN	EET CHI	05/11/23 08:56

Client Sample ID: SB-20 (1.5-2)
Date Collected: 05/04/23 14:20
Date Received: 05/09/23 08:29

Lab Sample ID: 500-233489-19
Matrix: Solid
Percent Solids: 82.1

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			712293	WRE	EET CHI	05/05/23 14:20
Total/NA	Analysis	8260B		50	713604	EA	EET CHI	05/17/23 05:38
Total/NA	Prep	3541			712490	EK	EET CHI	05/10/23 13:07 - 05/10/23 21:00 [1]
Total/NA	Analysis	8270E		1	712673	SS	EET CHI	05/11/23 20:29
Total/NA	Prep	3050B			712438	BDE	EET CHI	05/10/23 09:59 - 05/10/23 10:29 [1]
Total/NA	Analysis	6010C		1	713974	OAJ	EET CHI	05/17/23 20:31
Total/NA	Prep	7471B			712925	MJG	EET CHI	05/12/23 14:55
Total/NA	Analysis	7471B		1	713304	MJG	EET CHI	05/15/23 08:31

Client Sample ID: SB-28 (2-3)
Date Collected: 05/04/23 15:00
Date Received: 05/09/23 08:29

Lab Sample ID: 500-233489-20
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	712635	LWN	EET CHI	05/11/23 08:56

Lab Chronicle

Client: Stantec Consulting Corp.
Project/Site: 333 Reed Avenue Soil Char - 193709261

Job ID: 500-233489-1

Client Sample ID: SB-28 (2-3)

Date Collected: 05/04/23 15:00
Date Received: 05/09/23 08:29

Lab Sample ID: 500-233489-20

Matrix: Solid
Percent Solids: 87.3

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			712293	WRE	EET CHI	05/05/23 15:00
Total/NA	Analysis	8260B		50	713604	EA	EET CHI	05/17/23 06:02
Total/NA	Prep	3541			712490	EK	EET CHI	05/10/23 13:07 - 05/10/23 21:00 [1]
Total/NA	Analysis	8270E		1	712673	SS	EET CHI	05/11/23 20:54
Total/NA	Prep	3050B			712438	BDE	EET CHI	05/10/23 09:59 - 05/10/23 10:29 [1]
Total/NA	Analysis	6010C		1	713974	OAJ	EET CHI	05/17/23 20:35
Total/NA	Prep	7471B			712925	MJG	EET CHI	05/12/23 14:55
Total/NA	Analysis	7471B		1	713304	MJG	EET CHI	05/15/23 08:33

Client Sample ID: SB-24 (0.5-1.5)

Date Collected: 05/05/23 11:30
Date Received: 05/09/23 08:29

Lab Sample ID: 500-233489-21

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	712657	LWN	EET CHI	05/11/23 09:27

Client Sample ID: SB-24 (0.5-1.5)

Date Collected: 05/05/23 11:30
Date Received: 05/09/23 08:29

Lab Sample ID: 500-233489-21

Matrix: Solid
Percent Solids: 81.3

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			712296	WRE	EET CHI	05/05/23 11:30
Total/NA	Analysis	8260B		50	713616	EA	EET CHI	05/17/23 01:29
Total/NA	Prep	3541			712490	EK	EET CHI	05/10/23 13:07 - 05/10/23 21:00 [1]
Total/NA	Analysis	8270E		1	712673	SS	EET CHI	05/11/23 21:19
Total/NA	Prep	3050B			712438	BDE	EET CHI	05/10/23 09:59 - 05/10/23 10:29 [1]
Total/NA	Analysis	6010C		1	713974	OAJ	EET CHI	05/17/23 20:38
Total/NA	Prep	7471B			712925	MJG	EET CHI	05/12/23 14:55
Total/NA	Analysis	7471B		1	713304	MJG	EET CHI	05/15/23 08:35

Client Sample ID: SB-30 (5-6.5)

Date Collected: 05/05/23 11:00
Date Received: 05/09/23 08:29

Lab Sample ID: 500-233489-22

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	712657	LWN	EET CHI	05/11/23 09:27

Client Sample ID: SB-30 (5-6.5)

Date Collected: 05/05/23 11:00
Date Received: 05/09/23 08:29

Lab Sample ID: 500-233489-22

Matrix: Solid
Percent Solids: 83.9

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			712296	WRE	EET CHI	05/05/23 11:00
Total/NA	Analysis	8260B		50	713616	EA	EET CHI	05/17/23 01:52
Total/NA	Prep	3541			712339	GM	EET CHI	05/10/23 07:13 - 05/10/23 13:41 [1]
Total/NA	Analysis	8270E		1	712882	SS	EET CHI	05/12/23 16:27

Client Sample ID: SB-30 (5-6.5)

Lab Sample ID: 500-233489-22
Date Collected: 05/05/23 11:00
Matrix: Solid
Date Received: 05/09/23 08:29
Percent Solids: 83.9

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3050B			712516	RN	EET CHI	05/10/23 16:04 - 05/10/23 16:34 [1]
Total/NA	Analysis	6010C		1	713973	OAJ	EET CHI	05/17/23 15:35
Total/NA	Prep	7471B			712940	MJG	EET CHI	05/12/23 14:55
Total/NA	Analysis	7471B		1	713304	MJG	EET CHI	05/15/23 08:45

Client Sample ID: SB-34 (2-3)

Lab Sample ID: 500-233489-23
Date Collected: 05/04/23 10:05
Matrix: Solid
Date Received: 05/09/23 08:29

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	712657	LWN	EET CHI	05/11/23 09:27

Client Sample ID: SB-34 (2-3)

Lab Sample ID: 500-233489-23
Date Collected: 05/04/23 10:05
Matrix: Solid
Date Received: 05/09/23 08:29
Percent Solids: 81.8

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			712296	WRE	EET CHI	05/04/23 10:05
Total/NA	Analysis	8260B		50	713616	EA	EET CHI	05/17/23 02:15
Total/NA	Prep	3541			712339	GM	EET CHI	05/10/23 07:13 - 05/10/23 13:41 [1]
Total/NA	Analysis	8270E		1	712882	SS	EET CHI	05/12/23 16:48
Total/NA	Prep	3050B			712516	RN	EET CHI	05/10/23 16:04 - 05/10/23 16:34 [1]
Total/NA	Analysis	6010C		1	713973	OAJ	EET CHI	05/17/23 15:38
Total/NA	Prep	7471B			712940	MJG	EET CHI	05/12/23 14:55
Total/NA	Analysis	7471B		1	713304	MJG	EET CHI	05/15/23 08:47

Client Sample ID: SB-33 (0.5-2)

Lab Sample ID: 500-233489-24
Date Collected: 05/04/23 10:08
Matrix: Solid
Date Received: 05/09/23 08:29

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	712657	LWN	EET CHI	05/11/23 09:27

Client Sample ID: SB-33 (0.5-2)

Lab Sample ID: 500-233489-24
Date Collected: 05/04/23 10:08
Matrix: Solid
Date Received: 05/09/23 08:29
Percent Solids: 82.1

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			712296	WRE	EET CHI	05/04/23 10:08
Total/NA	Analysis	8260B		50	713616	EA	EET CHI	05/17/23 02:37
Total/NA	Prep	3541			712339	GM	EET CHI	05/10/23 07:13 - 05/10/23 13:41 [1]
Total/NA	Analysis	8270E		1	712882	SS	EET CHI	05/12/23 17:10
Total/NA	Prep	3050B			712516	RN	EET CHI	05/10/23 16:04 - 05/10/23 16:34 [1]
Total/NA	Analysis	6010C		1	713973	OAJ	EET CHI	05/17/23 15:42
Total/NA	Prep	7471B			712940	MJG	EET CHI	05/12/23 14:55
Total/NA	Analysis	7471B		1	713304	MJG	EET CHI	05/15/23 08:48

Lab Chronicle

Client: Stantec Consulting Corp.
Project/Site: 333 Reed Avenue Soil Char - 193709261

Job ID: 500-233489-1

Client Sample ID: SB-38 (0.5-1.5)
Date Collected: 05/05/23 12:00
Date Received: 05/09/23 08:29

Lab Sample ID: 500-233489-25
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	712657	LWN	EET CHI	05/11/23 09:27

Client Sample ID: SB-38 (0.5-1.5)
Date Collected: 05/05/23 12:00
Date Received: 05/09/23 08:29

Lab Sample ID: 500-233489-25
Matrix: Solid
Percent Solids: 89.4

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			712296	WRE	EET CHI	05/05/23 12:00
Total/NA	Analysis	8260B		50	713616	EA	EET CHI	05/17/23 03:00
Total/NA	Prep	3541			712339	GM	EET CHI	05/10/23 07:13 - 05/10/23 13:41 [1]
Total/NA	Analysis	8270E		1	712882	SS	EET CHI	05/12/23 17:31
Total/NA	Prep	3050B			712516	RN	EET CHI	05/10/23 16:04 - 05/10/23 16:34 [1]
Total/NA	Analysis	6010C		1	713973	OAJ	EET CHI	05/17/23 16:03
Total/NA	Prep	7471B			712940	MJG	EET CHI	05/12/23 14:55
Total/NA	Analysis	7471B		1	713304	MJG	EET CHI	05/15/23 08:50

Client Sample ID: DUP
Date Collected: 05/04/23 11:35
Date Received: 05/09/23 08:29

Lab Sample ID: 500-233489-26
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	712657	LWN	EET CHI	05/11/23 09:27

Client Sample ID: DUP
Date Collected: 05/04/23 11:35
Date Received: 05/09/23 08:29

Lab Sample ID: 500-233489-26
Matrix: Solid
Percent Solids: 87.0

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			712296	WRE	EET CHI	05/04/23 11:35
Total/NA	Analysis	8260B		50	713616	EA	EET CHI	05/17/23 03:23
Total/NA	Prep	3541			712339	GM	EET CHI	05/10/23 07:13 - 05/10/23 13:41 [1]
Total/NA	Analysis	8270E		1	712882	SS	EET CHI	05/12/23 17:52
Total/NA	Prep	3050B			712516	RN	EET CHI	05/10/23 16:04 - 05/10/23 16:34 [1]
Total/NA	Analysis	6010C		1	713973	OAJ	EET CHI	05/17/23 16:06
Total/NA	Prep	7471B			712940	MJG	EET CHI	05/12/23 14:55
Total/NA	Analysis	7471B		1	713304	MJG	EET CHI	05/15/23 08:52

Client Sample ID: SB-43 (0.75-1.5)
Date Collected: 05/04/23 10:50
Date Received: 05/09/23 08:29

Lab Sample ID: 500-233489-27
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	712657	LWN	EET CHI	05/11/23 09:27

Lab Chronicle

Client: Stantec Consulting Corp.
Project/Site: 333 Reed Avenue Soil Char - 193709261

Job ID: 500-233489-1

Client Sample ID: SB-43 (0.75-1.5)

Date Collected: 05/04/23 10:50
Date Received: 05/09/23 08:29

Lab Sample ID: 500-233489-27

Matrix: Solid
Percent Solids: 81.3

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			712296	WRE	EET CHI	05/04/23 10:50
Total/NA	Analysis	8260B		50	713616	EA	EET CHI	05/17/23 03:46
Total/NA	Prep	3541			712339	GM	EET CHI	05/10/23 07:13 - 05/10/23 13:41 [1]
Total/NA	Analysis	8270E		1	712882	SS	EET CHI	05/12/23 18:13
Total/NA	Prep	3050B			712516	RN	EET CHI	05/10/23 16:04 - 05/10/23 16:34 [1]
Total/NA	Analysis	6010C		1	713973	OAJ	EET CHI	05/17/23 16:10
Total/NA	Prep	7471B			712940	MJG	EET CHI	05/12/23 14:55
Total/NA	Analysis	7471B		1	713304	MJG	EET CHI	05/15/23 08:54

Client Sample ID: SB-45 (0.5-1.5)

Date Collected: 05/05/23 12:15
Date Received: 05/09/23 08:29

Lab Sample ID: 500-233489-28

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	712657	LWN	EET CHI	05/11/23 09:27

Client Sample ID: SB-45 (0.5-1.5)

Date Collected: 05/05/23 12:15
Date Received: 05/09/23 08:29

Lab Sample ID: 500-233489-28

Matrix: Solid
Percent Solids: 84.4

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			712296	WRE	EET CHI	05/05/23 12:15
Total/NA	Analysis	8260B		50	713616	EA	EET CHI	05/17/23 04:09
Total/NA	Prep	3541			712339	GM	EET CHI	05/10/23 07:13 - 05/10/23 13:41 [1]
Total/NA	Analysis	8270E		1	712882	SS	EET CHI	05/12/23 18:35
Total/NA	Prep	3050B			712516	RN	EET CHI	05/10/23 16:04 - 05/10/23 16:34 [1]
Total/NA	Analysis	6010C		1	713973	OAJ	EET CHI	05/17/23 16:13
Total/NA	Prep	7471B			712940	MJG	EET CHI	05/12/23 14:55
Total/NA	Analysis	7471B		1	713304	MJG	EET CHI	05/15/23 08:56

Client Sample ID: SB-31 (0.5-1.5)

Date Collected: 05/04/23 10:40
Date Received: 05/09/23 08:29

Lab Sample ID: 500-233489-29

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	712657	LWN	EET CHI	05/11/23 09:27

Client Sample ID: SB-31 (0.5-1.5)

Date Collected: 05/04/23 10:40
Date Received: 05/09/23 08:29

Lab Sample ID: 500-233489-29

Matrix: Solid
Percent Solids: 80.5

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			712296	WRE	EET CHI	05/04/23 10:40
Total/NA	Analysis	8260B		50	713616	EA	EET CHI	05/17/23 04:31
Total/NA	Prep	3541			712339	GM	EET CHI	05/10/23 07:13 - 05/10/23 13:41 [1]
Total/NA	Analysis	8270E		1	712882	SS	EET CHI	05/12/23 18:56

Lab Chronicle

Client: Stantec Consulting Corp.
Project/Site: 333 Reed Avenue Soil Char - 193709261

Job ID: 500-233489-1

Client Sample ID: SB-31 (0.5-1.5)
Date Collected: 05/04/23 10:40
Date Received: 05/09/23 08:29

Lab Sample ID: 500-233489-29
Matrix: Solid
Percent Solids: 80.5

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3050B			712516	RN	EET CHI	05/10/23 16:04 - 05/10/23 16:34 [1]
Total/NA	Analysis	6010C		1	713973	OAJ	EET CHI	05/17/23 16:17
Total/NA	Prep	7471B			712940	MJG	EET CHI	05/12/23 14:55
Total/NA	Analysis	7471B		1	713304	MJG	EET CHI	05/15/23 08:58

Client Sample ID: SB-44 (0.75-1)
Date Collected: 05/04/23 11:00
Date Received: 05/09/23 08:29

Lab Sample ID: 500-233489-30
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	712657	LWN	EET CHI	05/11/23 09:27

Client Sample ID: SB-44 (0.75-1)
Date Collected: 05/04/23 11:00
Date Received: 05/09/23 08:29

Lab Sample ID: 500-233489-30
Matrix: Solid
Percent Solids: 84.7

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			712296	WRE	EET CHI	05/04/23 11:00
Total/NA	Analysis	8260B		50	713616	EA	EET CHI	05/17/23 04:54
Total/NA	Prep	3541			712339	GM	EET CHI	05/10/23 07:13 - 05/10/23 13:41 [1]
Total/NA	Analysis	8270E		1	712882	SS	EET CHI	05/12/23 19:17
Total/NA	Prep	3050B			712516	RN	EET CHI	05/10/23 16:04 - 05/10/23 16:34 [1]
Total/NA	Analysis	6010C		1	713973	OAJ	EET CHI	05/17/23 16:20
Total/NA	Prep	7471B			712940	MJG	EET CHI	05/12/23 14:55
Total/NA	Analysis	7471B		1	713304	MJG	EET CHI	05/15/23 09:00

Client Sample ID: SB-35 (1-2.5)
Date Collected: 05/04/23 10:00
Date Received: 05/09/23 08:29

Lab Sample ID: 500-233489-31
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	712657	LWN	EET CHI	05/11/23 09:27

Client Sample ID: SB-35 (1-2.5)
Date Collected: 05/04/23 10:00
Date Received: 05/09/23 08:29

Lab Sample ID: 500-233489-31
Matrix: Solid
Percent Solids: 86.9

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			712296	WRE	EET CHI	05/04/23 10:00
Total/NA	Analysis	8260B		50	713616	EA	EET CHI	05/17/23 05:17
Total/NA	Prep	3541			712339	GM	EET CHI	05/10/23 07:13 - 05/10/23 13:41 [1]
Total/NA	Analysis	8270E		1	712882	SS	EET CHI	05/12/23 19:38
Total/NA	Prep	3050B			712516	RN	EET CHI	05/10/23 16:04 - 05/10/23 16:34 [1]
Total/NA	Analysis	6010C		1	713973	OAJ	EET CHI	05/17/23 16:24
Total/NA	Prep	7471B			712940	MJG	EET CHI	05/12/23 14:55
Total/NA	Analysis	7471B		1	713304	MJG	EET CHI	05/15/23 09:01

Client Sample ID: SB-36 (0.25-2.25)

Lab Sample ID: 500-233489-32
Date Collected: 05/04/23 12:10
Matrix: Solid
Date Received: 05/09/23 08:29

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	712657	LWN	EET CHI	05/11/23 09:27

Client Sample ID: SB-36 (0.25-2.25)

Lab Sample ID: 500-233489-32
Date Collected: 05/04/23 12:10
Matrix: Solid
Date Received: 05/09/23 08:29
Percent Solids: 81.9

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			712296	WRE	EET CHI	05/04/23 12:10
Total/NA	Analysis	8260B		50	713616	EA	EET CHI	05/17/23 05:40
Total/NA	Prep	3541			712339	GM	EET CHI	05/10/23 07:13 - 05/10/23 13:41 [1]
Total/NA	Analysis	8270E		1	712882	SS	EET CHI	05/12/23 20:00
Total/NA	Prep	3050B			712516	RN	EET CHI	05/10/23 16:04 - 05/10/23 16:34 [1]
Total/NA	Analysis	6010C		1	713973	OAJ	EET CHI	05/17/23 16:27
Total/NA	Prep	7471B			712940	MJG	EET CHI	05/12/23 14:55
Total/NA	Analysis	7471B		1	713304	MJG	EET CHI	05/15/23 09:07

Client Sample ID: SB-14 (0-2)

Lab Sample ID: 500-233489-33
Date Collected: 05/05/23 10:10
Matrix: Solid
Date Received: 05/09/23 08:29

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	712657	LWN	EET CHI	05/11/23 09:27

Client Sample ID: SB-14 (0-2)

Lab Sample ID: 500-233489-33
Date Collected: 05/05/23 10:10
Matrix: Solid
Date Received: 05/09/23 08:29
Percent Solids: 81.5

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			712296	WRE	EET CHI	05/05/23 10:10
Total/NA	Analysis	8260B		50	713616	EA	EET CHI	05/17/23 06:03

Client Sample ID: SB-41 (0.5-1.5)

Lab Sample ID: 500-233489-34
Date Collected: 05/05/23 10:20
Matrix: Solid
Date Received: 05/09/23 08:29

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	712657	LWN	EET CHI	05/11/23 09:27

Client Sample ID: SB-41 (0.5-1.5)

Lab Sample ID: 500-233489-34
Date Collected: 05/05/23 10:20
Matrix: Solid
Date Received: 05/09/23 08:29
Percent Solids: 74.2

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			712296	WRE	EET CHI	05/05/23 10:20
Total/NA	Analysis	8260B		50	713616	EA	EET CHI	05/17/23 06:25

Client Sample ID: SB-41 (0.5-1.5)

Lab Sample ID: 500-233489-34
Date Collected: 05/05/23 10:20
Matrix: Solid
Date Received: 05/09/23 08:29
Percent Solids: 74.2

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3541			712339	GM	EET CHI	05/10/23 07:13 - 05/10/23 13:41 [1]
Total/NA	Analysis	8270E		1	712882	SS	EET CHI	05/12/23 20:21
Total/NA	Prep	3050B			712516	RN	EET CHI	05/10/23 16:04 - 05/10/23 16:34 [1]
Total/NA	Analysis	6010C		1	713973	OAJ	EET CHI	05/17/23 16:31
Total/NA	Prep	7471B			712940	MJG	EET CHI	05/12/23 14:55
Total/NA	Analysis	7471B		1	713304	MJG	EET CHI	05/15/23 09:15

Client Sample ID: SB-40 (0.5-1.5)

Lab Sample ID: 500-233489-35
Date Collected: 05/04/23 11:45
Matrix: Solid
Date Received: 05/09/23 08:29

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	712657	LWN	EET CHI	05/11/23 09:27

Client Sample ID: SB-40 (0.5-1.5)

Lab Sample ID: 500-233489-35
Date Collected: 05/04/23 11:45
Matrix: Solid
Date Received: 05/09/23 08:29
Percent Solids: 82.5

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			712296	WRE	EET CHI	05/04/23 11:45
Total/NA	Analysis	8260B		50	713616	EA	EET CHI	05/17/23 06:48
Total/NA	Prep	3541			712339	GM	EET CHI	05/10/23 07:13 - 05/10/23 13:41 [1]
Total/NA	Analysis	8270E		1	712882	SS	EET CHI	05/12/23 20:42
Total/NA	Prep	3050B			712516	RN	EET CHI	05/10/23 16:04 - 05/10/23 16:34 [1]
Total/NA	Analysis	6010C		1	713973	OAJ	EET CHI	05/17/23 16:34
Total/NA	Prep	7471B			712940	MJG	EET CHI	05/12/23 14:55
Total/NA	Analysis	7471B		1	713304	MJG	EET CHI	05/15/23 09:17

Client Sample ID: SB-7 (1-3)

Lab Sample ID: 500-233489-36
Date Collected: 05/05/23 13:45
Matrix: Solid
Date Received: 05/09/23 08:29

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	712657	LWN	EET CHI	05/11/23 09:27

Client Sample ID: SB-7 (1-3)

Lab Sample ID: 500-233489-36
Date Collected: 05/05/23 13:45
Matrix: Solid
Date Received: 05/09/23 08:29
Percent Solids: 81.3

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			712296	WRE	EET CHI	05/05/23 13:45
Total/NA	Analysis	8260B		50	713616	EA	EET CHI	05/17/23 07:11
Total/NA	Prep	3541			712339	GM	EET CHI	05/10/23 07:13 - 05/10/23 13:41 [1]
Total/NA	Analysis	8270E		1	712882	SS	EET CHI	05/12/23 21:03
Total/NA	Prep	3050B			712516	RN	EET CHI	05/10/23 16:04 - 05/10/23 16:34 [1]
Total/NA	Analysis	6010C		1	713973	OAJ	EET CHI	05/17/23 16:44

Lab Chronicle

Client: Stantec Consulting Corp.
Job ID: 500-233489-1
Project/Site: 333 Reed Avenue Soil Char - 193709261

Client Sample ID: SB-7 (1-3)
Lab Sample ID: 500-233489-36
Date Collected: 05/05/23 13:45
Matrix: Solid
Date Received: 05/09/23 08:29
Percent Solids: 81.3

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	7471B			712940	MJG	EET CHI	05/12/23 14:55
Total/NA	Analysis	7471B		1	713304	MJG	EET CHI	05/15/23 09:20

[1] This procedure uses a method stipulated length of time for the process. Both start and end times are displayed.

Laboratory References:

EET CHI = Eurofins Chicago, 2417 Bond Street, University Park, IL 60484, TEL (708)534-5200

Accreditation/Certification Summary

Client: Stantec Consulting Corp. Job ID: 500-233489-1
Project/Site: 333 Reed Avenue Soil Char - 193709261

Laboratory: Eurofins Chicago

The accreditations/certifications listed below are applicable to this report.

Authority	Program	Identification Number	Expiration Date
Wisconsin	State	999580010	08-31-23

Eurofins Chicago
2417 Bond Street
University Park IL 60484
Phone 708-534-5200 Fax 708-534-5211

Chain of Custody Record

eurofins

Client Information	Sampler: J. Hatami	Lab PM: Fredrick Sandie	Carrier Tracking No(s):	COC No: 500-112525-46606.1
Client Contact: Jiyan Hatami	Phone: 262-278-9154	E-Mail: Sandra.Fredrick@et.eurofinsus.com	State of Origin: WI	Page: Page 1 of 4
Company: Stantec Consulting Corp	PWSID:	Analysis Requested		Job #: 500-233489
Address: 12080 Corporate Parkway	Due Date Requested:			Preservation Codes: A HCl; B NaOH; C Zn Acetate; D Nitric Acid; E NaHSO4; F MeOH; G Amchlor; H Ascorbic Acid; I Ice; J DI Water; K EDTA; L EDA; M Hexane; N None; O AsNaO2; P Na2O4S; Q Na2SO3; R Na2S2O3; S H2SO4; T TSP Dodecahydrate; J Acetone; V MCAA; W pH 4-5; Z other (specify)
City: Mequon	TAT Requested (days): 5 day			
State, Zip: WI 53092	Compliance Project: Yes No			
Phone: 500-233489 COC	PO #: 193708490			
Email: Jiyan.Hatami@stantec.com	WO #:			
Project Name: 333 Reed Avenue Soil Char ~~193708490~~ 193709261	Project #: 50006565			
Site:	SSOW#:			Other:

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8260B VOC	6010C 7471B 8270E	Total Number of containers	Special Instructions/Note
			Preservation Code:				N	N		
1 SB-2(0.5-1.5)	5/5/23	0950	G	Solid			X	X		
2 SB-3(0.75-1.5)	5/4/23	1200		Solid			X	X		
3 SB-4(2-3.5)	5/4/23	1445		Solid			X	X		
4 SB-5(0-2)	5/4/23	1145		Solid			X	X		
~~SB-6(0.25-2)~~	~~5/4/23~~	~~1445~~		Solid			~~X~~	~~X~~		
5 SB-8(4-6)	5/4/23	1415		Solid			X	X		
6 SB-9(0-2)	5/5/23	1000		Solid			X	X		
7 SB-22(0.5-1.5)	5/4/23	1440		Solid			X	X		
8 ~~SB-17(0.25-1)~~ SB-17(3.25-4)	5/4/23	1435		Solid			X	X		
9 Trip Blank	—	—		Solid			X			
10 SB-12(0.25-1.75)	5/4/23	1350		Solid			X	X		

Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☑ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☑ Disposal By Lab ☐ Archive For ____ Months

Deliverable Requested: I, II, III, IV, Other (specify)

Special Instructions/QC Requirements: MSA #40411

Empty Kit Relinquished by	Date	Time	Method of Shipment:

Relinquished by	Date/Time	Company	Received by	Date/Time	Company
[signature]	5/8/23, 1445	Stantec	[signature]	5/9/23 1005	EBSH
Relinquished by	Date/Time	Company	Received by	Date/Time	Company
Relinquished by	Date/Time	Company	Received by	Date/Time	Company

Custody Seals Intact: ☐ Yes ☐ No	Custody Seal No:	Cooler Temperature(s) °C and Other Remarks: 1.9 → 0.7, 1.8 → 2.2

Eurofins Chicago
2417 Bond Street
University Park IL 60484
Phone 708-534-5200 Fax 708-534-5211

Chain of Custody Record

eurofins

Client Information	Sampler: J. Hatami	Lab PM: Fredrick Sandie	Carrier Tracking Nos:	COC No: 500-112525-46606.2
Client Contact: Jiyan Hatam	Phone: 262-278-9154	E-Mail: Sandra.Fredrick@et.eurofinsus.com	State of Origin: WI	Page: Page 2 of 4
Company: Stantec Consulting Corp	PWSID:			Job #:
Address: 12080 Corporate Parkway	Due Date Requested:			
City: Mequon	TAT Requested (days): 5 day			
State, Zip: WI 53092	Compliance Project: Δ Yes Δ No			
Phone:	PO #: 193708490			
Email: Jiyan.Hatam@stantec.com	WO #:			
Project Name: 333 Reed Avenue Soil Cha ~~193708490~~ 193709261	Project #: 50006565			
Site:	SSOW#:			

Analysis Requested

Preservation Codes:
A HCL, B NaOH, C Zn Acetate, D Nitric Acid, E NaHSO4, F MeOH, G Amchl, H Ascorbic Acid, I Ice, J DI Water, K EDTA, L EDA, M Hexane, N None, O AsNaO2, P Na2O4S, Q Na2SO3, R Na2S2O3, S H2SO4, T TSP Dodecahydrate, U Acetone, V MCAA, W pH 4-5, Y Trizma, Z other (specify)
Other:

	Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8260B VOC	6010C 7471B, 8270E	Total Number of containers	Special Instructions/Note
				Preservation Code:				N	N		
11	SB-16 (1.75-3)	5/4/23	1405	G	Solid			X	X		
12	SB-15 (1.5-3.5)	5/4/23	1130		Solid			X	X		
13	SB-37 (2-3.5)	5/4/23	1505		Solid			X	X		
14	SB-27 (0.5-1)	5/5/23	1220		Solid			X	X		
15	SB-29 (0.5-1.5)	5/5/23	1140		Solid			X	X		
16	SB-21 (0.5-1.5)	5/4/23	1115		Solid			X	X		
17	SB-25 (0-1.5)	5/5/23	1040		Solid			X	X		
18	SB-26 (0-0.5)	5/4/23	1110		Solid			X	X		
19	~~SB-20 (1.5-2)~~ SB-20 (1.5-2)	5/4/23	1420		Solid			X	X		
20	SB-28 (2-3)	5/4/23	1500		Solid			X	X		
21	SB-24 (0.5-1.5)	5/5/23	1130		Solid			X	X		

Possible Hazard Identification: Non-Hazard, Flammable, Skin Irritant, Poison B, Unknown, Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month): Return To Client, Disposal By Lab, Archive For ____ Months

Deliverable Requested: I, II, III, IV, Other (specify)

Special Instructions/QC Requirements: MSA #40911

Empty Kit Relinquished by: | Date: | Time: | Method of Shipment:

Relinquished by	Date/Time	Company	Received by	Date/Time	Company
	5/8/23 1445	Stantec		5/9/23 1005	

Custody Seals Intact: Δ Yes Δ No | Custody Seal No:

Cooler Temperature(s) and Other Remarks:

5/18/2023

Eurofins Chicago
2417 Bond Street
University Park IL 60484
Phone 708-534 5200 Fax 708-534-5211

Chain of Custody Record

eurofins

Client Information	Sampler: J. Hatami	Lab PM: Fredrick Sandie	Carrier Tracking No(s):	COC No: 500 112525-46606 3
Client Contact: Jiyan Hatami	Phone: 262-278-7154	E-Mail: Sandra Fredrick@et.eurofinsus com	State of Origin: WI	Page: Page 3 of 4
Company: Stantec Consulting Corp	PWSID:	Analysis Requested		Job #:
Address: 12080 Corporate Parkway	Due Date Requested:			Preservation Codes: A HCL; B NaOH; C Zn Acetate; D Nitric Acid; E NaHSO4; F MeOH; G Amchlor; H Ascorbic Acid; I Ice; J DI Water; K EDTA; L EDA; M Hexane; N None; O AsNaO2; P Na2O4S; Q Na2SO3; R Na2S2O3; S H2SO4; T TSP Dodecahydrate; U Acetone; V MCAA; W pH 4-5; Y Trizma; Z other (specify); Other:
City: Mequon	TAT Requested (days): 5 day			
State, Zip: WI 53092	Compliance Project: Δ Yes Δ No			
Phone:	PO #: 193708490			
Email: Jiyan Hatami@stantec.com	WO #:			
Project Name: 333 Reed Avenue Soil Char ~~193709261~~ 193709261	Project #: 50006565			
Site:	SSOW#:			

Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8260B - VOC	6010C 7471B, 8270E	Total Number of containers	Special Instructions/Note
			Preservation Code:				N	N		
22 SB-30(5-6.5)	5/5/23	1100	G	Solid			X	X		
23 SB-34(2-3)	5/4/23	1005		Solid			X	X		
24 SB-33(0.5-2)	5/4/23	1008		Solid			X	X		
25 SB-38(0.5-1.5)	5/5/23	1200		Solid			X	X		
26 DUP	5/4/23	1135		Solid			X	X		
27 SB-43(0.75-1.5)	5/4/23	1050		Solid			X	X		
28 SB-45(0.5-1.5)	5/5/23	1215		Solid			X	X		
29 SB-31(0.5-1.5)	5/4/23	1040		Solid			X	X		
30 SB-44(0.75-1)	5/4/23	1100		Solid			X	X		
~~SB-40(0.5-1.5)~~	~~5/5/23~~	~~1150~~					X	X		
31 SB-35(~~0.5~~1-2.5)	5/4/23	1000		Solid			X	X		

Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☑ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☑ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested I II III IV Other (specify)

Special Instructions/QC Requirements: MSA # 40411

Empty Kit Relinquished by	Date	Time	Method of Shipment:

Relinquished by	Date/Time	Company	Received by	Date/Time	Company
[signature]	5/8/23, 1445	Stantec	[signature]	5/9/23 1005	EBTD
Relinquished by	Date/Time	Company	Received by	Date/Time	Company
Relinquished by	Date/Time	Company	Received by	Date/Time	Company

Custody Seals Intact: Δ Yes Δ No | Custody Seal No: | Cooler Temperature(s) and Other Remarks:

5/18/2023

Eurofins Chicago
241 Bond Street
University Park IL 60484
Phone 708-534-5200 Fax 708-534-5211

Chain of Custody Record

eurofins

Client Information	Sampler: J. Hatami	Lab PM: Fredrick Sandie	Carrier Tracking No(s):	COC No: 500-112525-46606.4
Client Contact: Jiyan Hatami	Phone: 262-278-7154	E-Mail: Sandra.Fredrick@et.eurofinsus.com	State of Origin: WI	Page: Page 4 of 4
Company: Stantec Consulting Corp	PWSID:	Analysis Requested		Job #:
Address: 12080 Corporate Parkway	Due Date Requested:			Preservation Codes: A HCL; B NaOH; C Zn Acetate; D Nitric Acid; E NaHSO4; F MeOH; G Amchlor; H Ascorbic Acid; I Ice; J DI Water; K EDTA; L EDA; M Hexane; N None; O AsNaO2; P Na2O4S; Q Na2SO3; R Na2S2O3; S H2SO4; T TSP Dodecahydrate; U Acetone; V MCAA; W pH 4-5; Y Trizma; Z other (specify); Other:
City: Mequon	TAT Requested (days): 5 days			
State, Zip: WI 53092	Compliance Project: ☐ Yes ☐ No			
Phone:	PO #: 193708490			
Email: Jiyan.Hatami@stantec.com	WO #:			
Project Name: 333 Reed Avenue Soil Char ~~193709261~~ 193709261	Project #: 50006565			
Site:	SSOW#:			

	Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8260B - VOC	6010C 7471B 8270E	Total Number of containers	Special Instructions/Note
				Preservation Code:				N	N		
1	SB-22(0.5-1.5)	5/4/23	1440	G	Solid			X	X		
32	SB-36(0.25-2.25)	5/5/23	1210		Solid			X	X		
33	~~SB-44(0-2)~~	~~5/5/23~~	~~1010~~		~~Solid~~			X	X		
34	SB-41(0.5-1.5)	5/4/23	1020		Solid			X	X		
35	SB-40(0.5-1.5)	5/5/23	1145		Solid			X	X		
	~~SB-11(1.5-3)~~	~~5/4/23~~	~~1400~~		Solid			~~X~~	~~X~~		Please toss SB-11 VOC sample
36	SB-7(1-3)	5/4/23	1345		Solid			X	X		
					Solid						
					Solid						

Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☑ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☑ Disposal By Lab ☐ Archive For ____ Months

Deliverable Requested: I, II, III, IV, Other (specify)

Special Instructions/QC Requirements: MSA #40411

Empty Kit Relinquished by	Date	Time	Method of Shipment

Relinquished by	Date/Time	Company	Received by	Date/Time	Company
[signature]	5/8/23, 1445	Stantec	[signature]	5/9/23 1005	EBTD
Relinquished by	Date/Time	Company	Received by	Date/Time	Company
Relinquished by	Date/Time	Company	Received	Date/Time	Company

Custody Seals Intact: ☐ Yes ☐ No	Custody Seal No:	Cooler Temperature(s) °C and Other Remarks:

ORIGIN ID:RA (262) 202-5855
JIYAN HATAMI
STANTEC
12075 CORPORATE PARKWAY
SUITE 200
MEQUON, WI 53092
UNITED STATES US

SHIP DATE: 02MAY23
ACTWGT: 25.00 LB MAN
CAD: 0269688/CAFE3621

TO **SAMPLE RECIEPT**
EUROFINS CHICAGO
2417 BOND STREET

UNIVERSITY PARK IL 60484

500-233489 Waybi

(708) 534-5200 REF:
INV:
PO: DEPT:

RMA:

FedEx Express

TRK# 0221 6374 2028 9831

TUE - 09 MAY 10:30A
PRIORITY OVERNIGHT

79 JOTA

60484
IL-US
ORD

5232694 08May2023 MKEA 581G3/2BC3/C0B8

ORIGIN ID:RR
JIYAN HATAMI
STANTEC
12075 CORPORA
SUITE 200
MEQUON, WI 53
UNITED STATES

SHIP DATE: 02MAY23
ACTWGT: 25.00 LB MAN
CAD: 0269688/CAFE3621

TO **SAMPLE RECIEPT**
EUROFINS CHICAGO
2417 BOND STREET

217

UNIVERSITY PARK IL 60484

(708) 534-5200 REF:
INV:
PO: DEPT

RMA:

FedEx Express

RETURNS MON-SAT

TRK# 0221 6374 2028 9842

TUE - 09 MAY 10:30A
PRIORITY OVERNIGHT

79 JOTA

60484
IL-US
ORD

5232694 08May2023 MKEA 581G3/2BC3/C0B8

Login Sample Receipt Checklist

Client: Stantec Consulting Corp.

Job Number: 500-233489-1

Login Number: 233489
List Number: 1
Creator: Scott, Sherri L

List Source: Eurofins Chicago

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	True	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	False	Refer to Job Narrative for details.
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	N/A	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	