

994.001

April 9, 2021

Danielle Miles, E.I.T.
Assistant Engineer
Division of Environmental Remediation
New York State Department of Environmental Conservation
6274 East Avon-Lima Road
Avon, New York 14414

Re: Remedial Action Work Plan Modification
Cover Area Soil Sampling and Analysis Report
Former Labelon Corporation Facility
10 Chapin Street
Site # C835016, Canandaigua, Ontario County

Dear Ms. Miles:

This report presents the results of the surface soil samples collected by Leader Professional Services (“Leader”) on January 14, 2021. The soil samples were collected in accordance with the procedures outlined in the Request to Modify Remedial Action Work Plan (“MRAWP”) dated October 1, 2020 prepared by Dixon Rollins, P.E. and approved by NYSDEC. The soil samples were collected for the purpose of confirming the existence and extent of polycyclic aromatic hydrocarbons (“PAH”)’s in the cover area on the north side of the Site around the location of soil sample SS-03. SS-03 was collected by MacDonald Engineering (“MacDonald”) in May 2016 while performing a Supplemental Remedial Investigation at the Site. SS-03 was located in a grass median between the northern side of the former Labelon building and the active Finger Lakes Railway railroad bed as depicted on Figure 1.

Soil Sample Collection

To initiate the soil sampling, Leader attempted to locate the original location of SS-03 using the coordinates established by MacDonald in 2016. However, the coordinates provided by MacDonald placed the SS-03 location on the center of the adjacent Finger Lakes Railway railroad line. To establish the location of SS-03, measurements were taken from permanent reference points on MacDonald’s investigation map. The coordinates were re-established and are shown on Figure 1. Based on the alignment of some survey boundary stakes still in place, SS-03 was determined to be immediately on the Site property boundary or slightly north of the boundary on Finger Lakes Railway property.

The samples were collected on a grid located on five feet centers north (“SS03-A”), south (“SS03-B”), east (“SS03-C”) and west (“SS03-D”) of SS-03. One (1) sample was collected near the east end of the original proposed cover area (“SS-East”). Samples at each of the five (5) locations were collected at the 0 to 2-inch, 12-inch and 24-inch depths to evaluate the extent of contamination and define the lower limits of the proposed remediation.

The sample material retrieved from each of the five locations consisted of unconsolidated railroad bed cinders, black soot, loose gravel, brick fragments, asphalt and coal fragments, covered by approximately two to four inches of silty soil. Native soils were not encountered at the 24-inch depth.

Soil Sample Analytical Results

Each sample interval was analyzed using USEPA Method 8270 for PAH, which includes the compounds originally found exceeding the Restricted Use- Restricted Residential (“RURRSCO”). The soil samples were collected using a hand auger. NYSDEC observed the soil sampling. Each sample was screened in the field with a hand-held organic vapor analyzer with a photoionization detector (“PID”). No PID detections were observed from any of the soil samples or from the air space within borings.

Table 1 provides the results of the sample collected at SS-03 in 2016 and a comparison of the MRAWP investigation results to RURRSCOs and Restricted Use – Commercial Soil Cleanup Objectives (“RUCSCOs”). The laboratory analytical report is provided in Appendix A.

The following PAHs were detected in the 2016 sample slightly above the RURRSCOs collected by MacDonald at SS-03:

- Benz(a)anthracene – 2.42 mg/Kg
- Benzo(a)pyrene – 2.42 mg/Kg
- Benzo(b)fluoranthene mg/Kg – 3.11 mg/Kg
- Indeno(1,2,3-cd)pyrene 1.69 mg/Kg

The following PAHs were detected above RURRSCOs during the supplemental investigation at sample location SS03-A:

- Benz(a)anthracene at 0-2” – 1.3 mg/Kg
- Benzo(a)pyrene at 0-2” – 1.7 mg/Kg
- Benzo(b)fluoranthene at 0-2” and 12-inches – 2.4 mg/Kg and 1.0 mg/Kg
- Indeno(1,2,3-cd)pyrene at 0-2” and 12-inches – 1.1 mg/Kg and 0.52 mg/Kg

Only one PAH, Benzo(a)pyrene, was detected at 1.7 mg/Kg slightly above the RURRSCO of 1.0 mg/Kg.

One PAH, Benzo(b)fluoranthene was detected slightly above the RURRSCO of 1.0 mg/Kg from the 0 to 2-inch sample collected at SS-East (1.2 mg/Kg).

The results of the analysis of all other remaining samples were below RURRESCO values. SS03-A was located five-feet north of the 2016 SS-03 sample location and determined to be outside the Site's property boundary.

Based on the physical observations of the sampled media, it is probable that the presence of remnant railroad cinders, black soot, and coal fragments within the sample matrices are the sources of the PAH contamination. Further, due to the proximity of the railroad, locomotion diesel exhaust could be contributing to the PAHs detected in the surface samples.

Conclusion

Leader conducted the supplemental investigation to further characterize the PAH contamination in proximity to sample location SS-03. Only one (1) of the four (4) samples collected on a grid five feet north, south, east and west of the former MacDonald sample location SS-03 resulted in PAHs over the applicable RURRESCOs. This sample location (SS03-A) was determined to be on railroad property, north and outside the Site's property boundary.

Only one PAH, Benzo(b)fluoranthene from the 0 to 2" interval was detected at 1.2 mg/Kg slightly above the RURRESCO of 1.0 mg/Kg.

Based on the results of our investigation, the source of the PAHs appear to be related to the railroad rather than past Labelon operations. Further, apart from one (1) PAH detected at SS-East, the samples collected within the Site Property boundary resulted in PAH levels below RURRESCOs at all three sample intervals.

Data Usability Summary Report

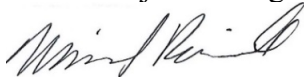
The Data Usability Summary Report ("DUSR") was prepared by MEH Consulting LLC ("MEH") and is provided as Appendix B. MEH found the data were acceptable meeting the requirements of the project's Quality Assurance Project Plan.

If you have any questions regarding our report, please contact us at (585) 248-2413 or by email: fthomas@leaderlink.com.

Very truly yours,
LEADER PROFESSIONAL SERVICES, INC.

A handwritten signature in black ink, appearing to read "Frank R. Thomas".

Frank R. Thomas
Senior Project Manager

A handwritten signature in black ink, appearing to read "Michael P. Rumrill".

Michael P. Rumrill
President

Attachments

cc: Courtney Cox – 2240 North Forest Road, LLC
Julia Kenney – NYSDOH
Thomas Barret – 2240 North Forest Road, LLC
Dixon Rollins, P.E.
Alan Knauf, Esq.

Figure 1

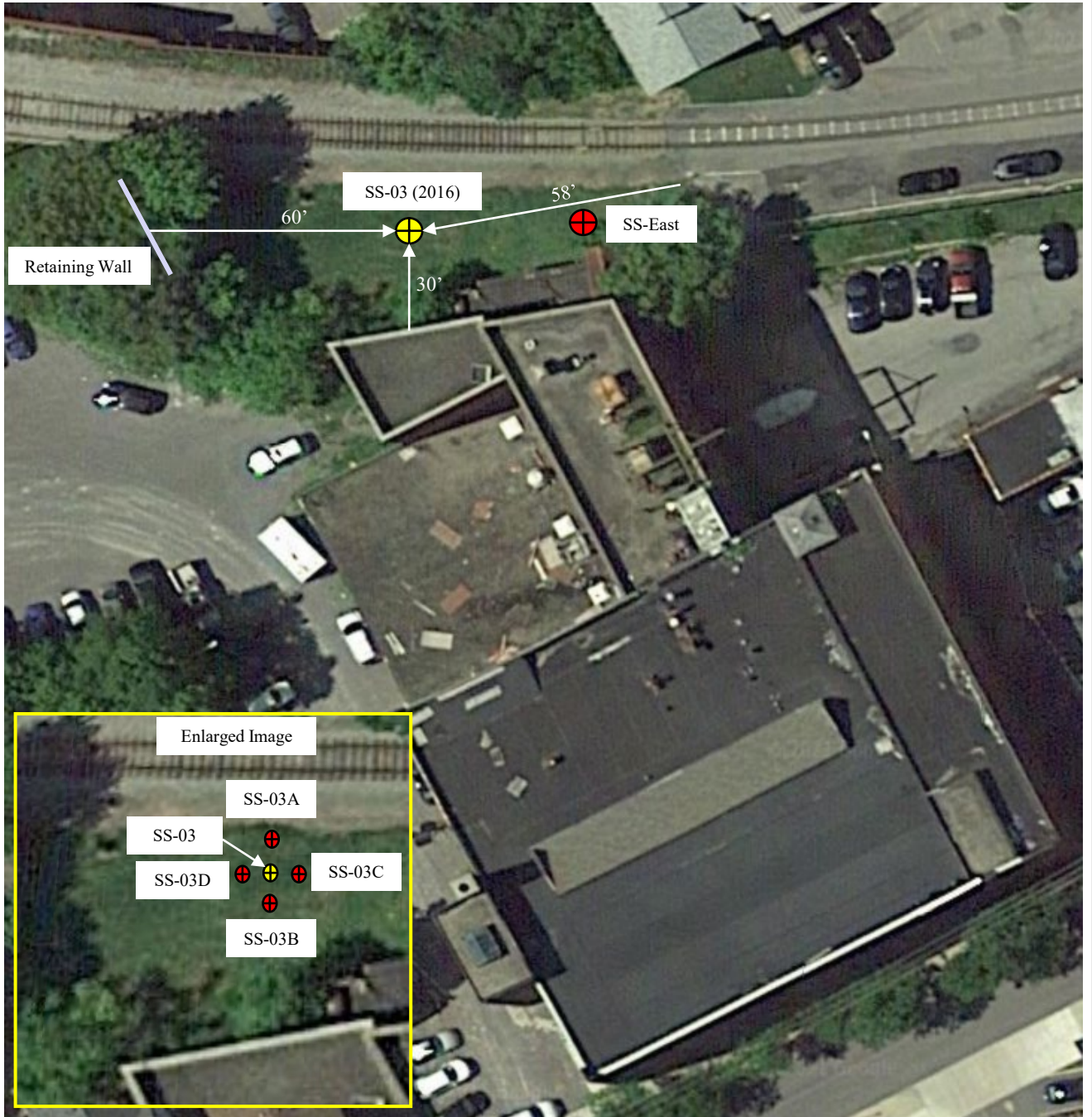
Soil Sample Location Map

SS-03 Sampled 2016

Coordinates (DD):

42.887222N

72.281944W



Title: Surface Sample Location Map
Former Labelon Facility
10 Chapin Street
Canandaigua, New York

Prepared For: 2240 N. Forest Road LLC
2 Wendling Court
Lancaster, New York 14086



Leader Professional Services, Inc
271 Marsh Road-Suite 2
Pittsford, New York 14534
(585) 248-2413
Fax (585) 248-2834

Project
994.001

Date

4/7/2021

Scale
NTS

Drawn
FRT

Checked

MPR

File Name
SS-03 Locale

Figure

1

Table 1

Surface Soil Analytical Summary

TABLE 1
SVOC Results
North Lawn Median
Former Labelon Corp. Facility
20 Chapin Street, Canandaigua, New York

ANALYTE	METHOD	RESULT REPORTED TO	UNITS	6NYCRR 375-6.8 Soil Cleanup - Restricted Use - Commercial	6NYCRR 375-6.8(b) Soil Cleanup - Restricted Use - Residential	SS03 Surface Detections	SS03A - 0-2"	SS03A - 12"	SS03A - 24"	SS03B - 0-2"	SS03B - 12"	SS03B - 12" DUP
						October 2016 Results	R2100441-001	R2100441-002	R2100441-003	R2100441-004	R2100441-005	R2100441-016
Method: 8270D/SVO MW												
2-Methylnaphthalene	8270D/SVO MW	MDL	ug/Kg-dry	N/A	N/A		85 J	64 U	60 U	69 U	61 U	60 U
Acenaphthene	8270D/SVO MW	MDL	mg/Kg-dry	500	100	.255 J	0.085 U	0.073 U	0.069 U	0.078 U	0.069 U	0.069 U
Acenaphthylene	8270D/SVO MW	MDL	mg/Kg-dry	500	100	0.47	0.56	0.31 J	0.17 J	0.22 J	0.074 U	0.074 U
Anthracene	8270D/SVO MW	MDL	mg/Kg-dry	500	100	0.916	0.35 J	0.17 J	0.12 J	0.12 J	0.064 J	0.061 U
Benz(a)anthracene	8270D/SVO MW	MDL	mg/Kg-dry	5.6	1	2.42	1.3	0.62	0.52	0.40 J	0.32 J	0.20 J
Benzo(a)pyrene	8270D/SVO MW	MDL	mg/Kg-dry	1	1	2.42	1.7	0.77	0.63	0.54	0.37	0.25 J
Benzo(b)fluoranthene	8270D/SVO MW	MDL	mg/Kg-dry	5.6	1	3.11	2.4	1.0	0.78	0.71	0.47	0.31 J
Benzo(g,h,i)perylene	8270D/SVO MW	MDL	mg/Kg-dry	500	100	1.39	1.0	0.47	0.42	0.35 J	0.25 J	0.15 J
Benzo(k)fluoranthene	8270D/SVO MW	MDL	mg/Kg-dry	56	3.9	1.73	0.82	0.39	0.30 J	0.27 J	0.16 J	0.11 J
Chrysene	8270D/SVO MW	MDL	mg/Kg-dry	56	3.9	2.76	1.5	0.69	0.64	0.47	0.39	0.26 J
Dibenz(a,h)anthracene	8270D/SVO MW	MDL	mg/Kg-dry	0.56	0.33	0.49	0.28 J	0.15 J	0.099 J	0.11 J	0.079 U	0.079 U
Fluoranthene	8270D/SVO MW	MDL	mg/Kg-dry	500	100	4.57	1.8	0.76	1.0	0.50	0.59	0.38
Fluorene	8270D/SVO MW	MDL	mg/Kg-dry	500	100	0.238	0.084 U	0.073 U	0.068 U	0.078 U	0.068 U	0.068 U
Indeno(1,2,3-cd)pyrene	8270D/SVO MW	MDL	mg/Kg-dry	5.6	0.5	1.69	1.1	0.52	0.43	0.36 J	0.24 J	0.15 J
Naphthalene	8270D/SVO MW	MDL	mg/Kg-dry	500	100		0.099 J	0.073 U	0.068 U	0.078 U	0.068 U	0.068 U
Phenanthrene	8270D/SVO MW	MDL	mg/Kg-dry	500	100	2.5	0.45	0.20 J	0.32 J	0.12 J	0.25 J	0.15 J
Pyrene	8270D/SVO MW	MDL	mg/Kg-dry	500	100	4.5	1.9	0.80	1.0	0.55	0.56	0.34 J
Method: ALS SOP/Total Solids												
Total Solids	ALS SOP/Total Solids	RL	Percent	N/A	N/A		72.6	86.4	90.1	82.1	89.1	89.4

TABLE 1
SVOC Results
North Lawn Median
Former Labelon Corp. Facility
20 Chapin Street, Canandaigua, New York

ANALYTE	METHOD	RESULT REPORTED TO	UNITS	6NYCRR 375-6.8 Soil Cleanup - Restricted Use - Commercial	6NYCRR 375- 6.8(b) Soil Cleanup - Residential	SS03 Surface Detections	SS03B - 24"	SS03C - 0-2"	SS03C - 12'	SS03C - 24"	SS03D - 0-2"	SS03D - 12"
						October 2016 Results	R2100441-006	R2100441-007	R2100441-008	R2100441-009	R2100441-010	R2100441-011
Method: 8270D/SVO MW												
2-Methylnaphthalene	8270D/SVO MW	MDL	ug/Kg-dry	N/A	N/A		58 U	59 U	65 U	59 U	62 U	60 U
Acenaphthene	8270D/SVO MW	MDL	mg/Kg-dry	500	100	.255 J	0.066 U	0.068 U	0.074 U	0.067 U	0.070 U	0.068 U
Acenaphthylene	8270D/SVO MW	MDL	mg/Kg-dry	500	100	0.47	0.071 U	0.20 J	0.079 U	0.096 J	0.24 J	0.073 U
Anthracene	8270D/SVO MW	MDL	mg/Kg-dry	500	100	0.916	0.058 U	0.13 J	0.066 U	0.068 J	0.14 J	0.061 U
Benz(a)anthracene	8270D/SVO MW	MDL	mg/Kg-dry	5.6	1	2.42	0.052 U	0.53	0.12 J	0.29 J	0.54	0.054 U
Benzo(a)pyrene	8270D/SVO MW	MDL	mg/Kg-dry	1	1	2.42	0.093 U	0.71	0.14 J	0.40	0.66	0.096 U
Benzo(b)fluoranthene	8270D/SVO MW	MDL	mg/Kg-dry	5.6	1	3.11	0.058 U	0.90	0.21 J	0.50	0.89	0.070 J
Benzo(g,h,i)perylene	8270D/SVO MW	MDL	mg/Kg-dry	500	100	1.39	0.080 U	0.39	0.090 U	0.21 J	0.40	0.083 U
Benzo(k)fluoranthene	8270D/SVO MW	MDL	mg/Kg-dry	56	3.9	1.73	0.057 U	0.32 J	0.069 J	0.19 J	0.31 J	0.059 U
Chrysene	8270D/SVO MW	MDL	mg/Kg-dry	56	3.9	2.76	0.051 U	0.61	0.22 J	0.35 J	0.61	0.067 J
Dibenz(a,h)anthracene	8270D/SVO MW	MDL	mg/Kg-dry	0.56	0.33	0.49	0.076 U	0.11 J	0.085 U	0.077 U	0.11 J	0.079 U
Fluoranthene	8270D/SVO MW	MDL	mg/Kg-dry	500	100	4.57	0.087 U	0.66	0.12 J	0.31 J	0.87	0.091 U
Fluorene	8270D/SVO MW	MDL	mg/Kg-dry	500	100	0.238	0.065 U	0.067 U	0.073 U	0.066 U	0.070 U	0.068 U
Indeno(1,2,3-cd)pyrene	8270D/SVO MW	MDL	mg/Kg-dry	5.6	0.5	1.69	0.12 U	0.42	0.13 U	0.22 J	0.41	0.12 U
Naphthalene	8270D/SVO MW	MDL	mg/Kg-dry	500	100		0.065 U	0.067 U	0.085 J	0.066 U	0.070 U	0.068 U
Phenanthrene	8270D/SVO MW	MDL	mg/Kg-dry	500	100	2.5	0.049 U	0.16 J	0.12 J	0.10 J	0.23 J	0.051 U
Pyrene	8270D/SVO MW	MDL	mg/Kg-dry	500	100	4.5	0.058 U	0.73	0.15 J	0.36	0.89	0.061 J
Method: ALS SOP/Total Solids												
Total Solids	ALS SOP/Total Solids	RL	Percent	N/A	N/A		93.6	90.7	84.9	91.1	88.5	91.6

TABLE 1
SVOC Results
North Lawn Median
Former Labelon Corp. Facility
20 Chapin Street, Canandaigua, New York

SS03D - 24"								SS03 Surface Detections	SSEast - 0 - 2"	SSEast - 12"	SSEast - 24"
R2100441-012		ANALYTE	METHOD	RESULT REPORTED TO	UNITS	6NYCRR 375-6.8 Soil Cleanup - Restricted Use - Commercial	6NYCRR 375- 6.8(b) Soil Cleanup - Residential	October 2016 Results	R2100441-013	R2100441-014	R2100441-015
		Method: 8270D/SVO MW									
56 U		2-Methylnaphthalene	8270D/SVO MW	MDL	ug/Kg-dry	N/A	N/A		230 J	210 J	57 U
0.064 U		Acenaphthene	8270D/SVO MW	MDL	mg/Kg-dry	500	100	.255 J	0.071 U	0.078 U	0.065 U
0.069 U		Acenaphthylene	8270D/SVO MW	MDL	mg/Kg-dry	500	100	0.47	0.19 J	0.083 U	0.070 U
0.057 U		Anthracene	8270D/SVO MW	MDL	mg/Kg-dry	500	100	0.916	0.19 J	0.069 U	0.058 U
0.051 U		Benz(a)anthracene	8270D/SVO MW	MDL	mg/Kg-dry	5.6	1	2.42	0.62	0.20 J	0.15 J
0.091 U		Benzo(a)pyrene	8270D/SVO MW	MDL	mg/Kg-dry	1	1	2.42	0.89	0.25 J	0.16 J
0.057 U		Benzo(b)fluoranthene	8270D/SVO MW	MDL	mg/Kg-dry	5.6	1	3.11	1.2	0.41 J	0.20 J
0.078 U		Benzo(g,h,i)perylene	8270D/SVO MW	MDL	mg/Kg-dry	500	100	1.39	0.50	0.15 J	0.084 J
0.055 U		Benzo(k)fluoranthene	8270D/SVO MW	MDL	mg/Kg-dry	56	3.9	1.73	0.42	0.11 J	0.074 J
0.050 U		Chrysene	8270D/SVO MW	MDL	mg/Kg-dry	56	3.9	2.76	0.84	0.36 J	0.17 J
0.074 U		Dibenz(a,h)anthracene	8270D/SVO MW	MDL	mg/Kg-dry	0.56	0.33	0.49	0.13 J	0.090 U	0.075 U
0.085 U		Fluoranthene	8270D/SVO MW	MDL	mg/Kg-dry	500	100	4.57	0.90	0.28 J	0.14 J
0.064 U		Fluorene	8270D/SVO MW	MDL	mg/Kg-dry	500	100	0.238	0.070 U	0.077 U	0.065 U
0.11 U		Indeno(1,2,3-cd)pyrene	8270D/SVO MW	MDL	mg/Kg-dry	5.6	0.5	1.69	0.48	0.14 J	0.12 U
0.064 U		Naphthalene	8270D/SVO MW	MDL	mg/Kg-dry	500	100		0.17 J	0.13 J	0.065 U
0.048 U		Phenanthrene	8270D/SVO MW	MDL	mg/Kg-dry	500	100	2.5	0.42	0.36 J	0.078 J
0.057 U		Pyrene	8270D/SVO MW	MDL	mg/Kg-dry	500	100	4.5	1.1	0.34 J	0.17 J
		Method: ALS SOP/Total Solids									
93.8		Total Solids	ALS SOP/Total Solids	RL	Percent	N/A	N/A		89.5	81.7	90.4

Appendix A

January 2021 Soil Analytical Report



February 03, 2021

Service Request No:R2100441

Frank Thomas
Leader Professional Services, Inc.
271 Marsh Road
Suite 2
Pittsford, NY 14534

Laboratory Results for: Labelon

Dear Frank,

Enclosed are the results of the sample(s) submitted to our laboratory January 15, 2021
For your reference, these analyses have been assigned our service request number **R2100441**.

All testing was performed according to our laboratory's quality assurance program and met the requirements of the TNI standards except as noted in the case narrative report. Any testing not included in the lab's accreditation is identified on a Non-Certified Analytes report. All results are intended to be considered in their entirety. ALS Environmental is not responsible for use of less than the complete report. Results apply only to the individual samples submitted to the lab for analysis, as listed in the report. The measurement uncertainty of the results included in this report is within that expected when using the prescribed method(s), and represented by Laboratory Control Sample control limits. Any events, such as QC failures or Holding Time exceedances, which may add to the uncertainty are explained in the report narrative or are flagged with qualifiers. The flags are explained in the Report Qualifiers and Definitions page of this report.

Please contact me if you have any questions. My extension is 7472. You may also contact me via email at Janice.Jaeger@alsglobal.com.

Respectfully submitted,

ALS Group USA, Corp. dba ALS Environmental

Janice Jaeger
Project Manager

CC: Peter von
Schondorf

ADDRESS 1565 Jefferson Road, Building 300, Suite 360, Rochester, NY 14623
PHONE +1 585 288 5380 | **FAX** +1 585 288 8475
ALS Group USA, Corp.
dba ALS Environmental



Narrative Documents

ALS Environmental—Rochester Laboratory
1565 Jefferson Road, Building 300, Suite 360, Rochester, NY 14623
Phone (585) 288-5380 Fax (585) 288-8475
www.alsglobal.com



Client: Leader Professional Services, Inc.
Project: Labelon
Sample Matrix: Soil

Service Request: R2100441
Date Received: 01/15/2021

CASE NARRATIVE

All analyses were performed consistent with the quality assurance program of ALS Environmental. This report contains analytical results for samples for the Tier level IV requested by the client.

Sample Receipt:

Sixteen soil samples were received for analysis at ALS Environmental on 01/15/2021. Any discrepancies upon initial sample inspection are annotated on the sample receipt and preservation form included within this report. The samples were stored at minimum in accordance with the analytical method requirements.

Semivolatiles by GC/MS:

No significant anomalies were noted with this analysis.

General Chemistry:

No significant anomalies were noted with this analysis.

A handwritten signature in black ink, appearing to read "Samantha", is written over a horizontal line.

Approved by _____

Date 02/03/2021



SAMPLE DETECTION SUMMARY

CLIENT ID: SS03A-02-011421 **Lab ID: R2100441-001**

Analyte	Results	Flag	MDL	MRL	Units	Method
Total Solids	72.6				Percent	ALS SOP
2-Methylnaphthalene	85	J	74	450	ug/Kg	8270D
Acenaphthylene	560		91	450	ug/Kg	8270D
Anthracene	350	J	75	450	ug/Kg	8270D
Benz(a)anthracene	1300		67	450	ug/Kg	8270D
Benzo(a)pyrene	1700		120	450	ug/Kg	8270D
Benzo(b)fluoranthene	2400		75	450	ug/Kg	8270D
Benzo(g,h,i)perylene	1000		110	450	ug/Kg	8270D
Benzo(k)fluoranthene	820		73	450	ug/Kg	8270D
Chrysene	1500		66	450	ug/Kg	8270D
Dibenz(a,h)anthracene	280	J	98	450	ug/Kg	8270D
Fluoranthene	1800		120	450	ug/Kg	8270D
Indeno(1,2,3-cd)pyrene	1100		150	450	ug/Kg	8270D
Naphthalene	99	J	84	450	ug/Kg	8270D
Phenanthrene	450		64	450	ug/Kg	8270D
Pyrene	1900		75	450	ug/Kg	8270D

CLIENT ID: SS03A-12-011421 **Lab ID: R2100441-002**

Analyte	Results	Flag	MDL	MRL	Units	Method
Total Solids	86.4				Percent	ALS SOP
Acenaphthylene	310	J	79	390	ug/Kg	8270D
Anthracene	170	J	65	390	ug/Kg	8270D
Benz(a)anthracene	620		58	390	ug/Kg	8270D
Benzo(a)pyrene	770		110	390	ug/Kg	8270D
Benzo(b)fluoranthene	1000		65	390	ug/Kg	8270D
Benzo(g,h,i)perylene	470		89	390	ug/Kg	8270D
Benzo(k)fluoranthene	390		63	390	ug/Kg	8270D
Chrysene	690		57	390	ug/Kg	8270D
Dibenz(a,h)anthracene	150	J	84	390	ug/Kg	8270D
Fluoranthene	760		97	390	ug/Kg	8270D
Indeno(1,2,3-cd)pyrene	520		130	390	ug/Kg	8270D
Phenanthrene	200	J	55	390	ug/Kg	8270D
Pyrene	800		65	390	ug/Kg	8270D

CLIENT ID: SS03A-24-011421 **Lab ID: R2100441-003**

Analyte	Results	Flag	MDL	MRL	Units	Method
Total Solids	90.1				Percent	ALS SOP
Acenaphthylene	170	J	74	360	ug/Kg	8270D
Anthracene	120	J	61	360	ug/Kg	8270D
Benz(a)anthracene	520		54	360	ug/Kg	8270D
Benzo(a)pyrene	630		97	360	ug/Kg	8270D
Benzo(b)fluoranthene	780		61	360	ug/Kg	8270D



SAMPLE DETECTION SUMMARY

CLIENT ID: SS03A-24-011421 **Lab ID: R2100441-003**

Analyte	Results	Flag	MDL	MRL	Units	Method
Benzo(g,h,i)perylene	420		83	360	ug/Kg	8270D
Benzo(k)fluoranthene	300	J	59	360	ug/Kg	8270D
Chrysene	640		54	360	ug/Kg	8270D
Dibenz(a,h)anthracene	99	J	79	360	ug/Kg	8270D
Fluoranthene	1000		91	360	ug/Kg	8270D
Indeno(1,2,3-cd)pyrene	430		120	360	ug/Kg	8270D
Phenanthrene	320	J	52	360	ug/Kg	8270D
Pyrene	1000		61	360	ug/Kg	8270D

CLIENT ID: SS03B-02-011421 **Lab ID: R2100441-004**

Analyte	Results	Flag	MDL	MRL	Units	Method
Total Solids	82.1				Percent	ALS SOP
Acenaphthylene	220	J	84	410	ug/Kg	8270D
Anthracene	120	J	69	410	ug/Kg	8270D
Benz(a)anthracene	400	J	62	410	ug/Kg	8270D
Benzo(a)pyrene	540		110	410	ug/Kg	8270D
Benzo(b)fluoranthene	710		69	410	ug/Kg	8270D
Benzo(g,h,i)perylene	350	J	95	410	ug/Kg	8270D
Benzo(k)fluoranthene	270	J	67	410	ug/Kg	8270D
Chrysene	470		61	410	ug/Kg	8270D
Dibenz(a,h)anthracene	110	J	90	410	ug/Kg	8270D
Fluoranthene	500		110	410	ug/Kg	8270D
Indeno(1,2,3-cd)pyrene	360	J	140	410	ug/Kg	8270D
Phenanthrene	120	J	59	410	ug/Kg	8270D
Pyrene	550		69	410	ug/Kg	8270D

CLIENT ID: SS03B-12-011421 **Lab ID: R2100441-005**

Analyte	Results	Flag	MDL	MRL	Units	Method
Total Solids	89.1				Percent	ALS SOP
Anthracene	64	J	61	360	ug/Kg	8270D
Benz(a)anthracene	320	J	54	360	ug/Kg	8270D
Benzo(a)pyrene	370		97	360	ug/Kg	8270D
Benzo(b)fluoranthene	470		61	360	ug/Kg	8270D
Benzo(g,h,i)perylene	250	J	84	360	ug/Kg	8270D
Benzo(k)fluoranthene	160	J	59	360	ug/Kg	8270D
Chrysene	390		54	360	ug/Kg	8270D
Fluoranthene	590		92	360	ug/Kg	8270D
Indeno(1,2,3-cd)pyrene	240	J	120	360	ug/Kg	8270D
Phenanthrene	250	J	52	360	ug/Kg	8270D
Pyrene	560		61	360	ug/Kg	8270D



SAMPLE DETECTION SUMMARY

CLIENT ID: SS03B-24-011421 **Lab ID: R2100441-006**

Analyte	Results	Flag	MDL	MRL	Units	Method
Total Solids	93.6				Percent	ALS SOP

CLIENT ID: SS03C-02-011421 **Lab ID: R2100441-007**

Analyte	Results	Flag	MDL	MRL	Units	Method
Total Solids	90.7				Percent	ALS SOP
Acenaphthylene	200	J	72	360	ug/Kg	8270D
Anthracene	130	J	60	360	ug/Kg	8270D
Benz(a)anthracene	530		53	360	ug/Kg	8270D
Benzo(a)pyrene	710		95	360	ug/Kg	8270D
Benzo(b)fluoranthene	900		60	360	ug/Kg	8270D
Benzo(g,h,i)perylene	390		82	360	ug/Kg	8270D
Benzo(k)fluoranthene	320	J	58	360	ug/Kg	8270D
Chrysene	610		53	360	ug/Kg	8270D
Dibenz(a,h)anthracene	110	J	78	360	ug/Kg	8270D
Fluoranthene	660		90	360	ug/Kg	8270D
Indeno(1,2,3-cd)pyrene	420		120	360	ug/Kg	8270D
Phenanthrene	160	J	51	360	ug/Kg	8270D
Pyrene	730		60	360	ug/Kg	8270D

CLIENT ID: SS03C-12-011421 **Lab ID: R2100441-008**

Analyte	Results	Flag	MDL	MRL	Units	Method
Total Solids	84.9				Percent	ALS SOP
Benz(a)anthracene	120	J	58	390	ug/Kg	8270D
Benzo(a)pyrene	140	J	110	390	ug/Kg	8270D
Benzo(b)fluoranthene	210	J	66	390	ug/Kg	8270D
Benzo(k)fluoranthene	69	J	64	390	ug/Kg	8270D
Chrysene	220	J	58	390	ug/Kg	8270D
Fluoranthene	120	J	98	390	ug/Kg	8270D
Naphthalene	85	J	74	390	ug/Kg	8270D
Phenanthrene	120	J	56	390	ug/Kg	8270D
Pyrene	150	J	65	390	ug/Kg	8270D

CLIENT ID: SS03C-24-011421 **Lab ID: R2100441-009**

Analyte	Results	Flag	MDL	MRL	Units	Method
Total Solids	91.1				Percent	ALS SOP
Acenaphthylene	96	J	72	350	ug/Kg	8270D
Anthracene	68	J	59	350	ug/Kg	8270D
Benz(a)anthracene	290	J	53	350	ug/Kg	8270D
Benzo(a)pyrene	400		94	350	ug/Kg	8270D
Benzo(b)fluoranthene	500		59	350	ug/Kg	8270D
Benzo(g,h,i)perylene	210	J	81	350	ug/Kg	8270D
Benzo(k)fluoranthene	190	J	57	350	ug/Kg	8270D
Chrysene	350	J	52	350	ug/Kg	8270D



SAMPLE DETECTION SUMMARY

CLIENT ID: SS03C-24-011421 **Lab ID: R2100441-009**

Analyte	Results	Flag	MDL	MRL	Units	Method
Fluoranthene	310	J	89	350	ug/Kg	8270D
Indeno(1,2,3-cd)pyrene	220	J	120	350	ug/Kg	8270D
Phenanthrene	100	J	50	350	ug/Kg	8270D
Pyrene	360		59	350	ug/Kg	8270D

CLIENT ID: SS03D-02-011421 **Lab ID: R2100441-010**

Analyte	Results	Flag	MDL	MRL	Units	Method
Total Solids	88.5				Percent	ALS SOP
Acenaphthylene	240	J	75	370	ug/Kg	8270D
Anthracene	140	J	62	370	ug/Kg	8270D
Benz(a)anthracene	540		55	370	ug/Kg	8270D
Benzo(a)pyrene	660		99	370	ug/Kg	8270D
Benzo(b)fluoranthene	890		62	370	ug/Kg	8270D
Benzo(g,h,i)perylene	400		85	370	ug/Kg	8270D
Benzo(k)fluoranthene	310	J	60	370	ug/Kg	8270D
Chrysene	610		55	370	ug/Kg	8270D
Dibenz(a,h)anthracene	110	J	81	370	ug/Kg	8270D
Fluoranthene	870		93	370	ug/Kg	8270D
Indeno(1,2,3-cd)pyrene	410		120	370	ug/Kg	8270D
Phenanthrene	230	J	53	370	ug/Kg	8270D
Pyrene	890		62	370	ug/Kg	8270D

CLIENT ID: SS03D-12-011421 **Lab ID: R2100441-011**

Analyte	Results	Flag	MDL	MRL	Units	Method
Total Solids	91.6				Percent	ALS SOP
Benzo(b)fluoranthene	70	J	61	360	ug/Kg	8270D
Chrysene	67	J	53	360	ug/Kg	8270D
Pyrene	61	J	60	360	ug/Kg	8270D

CLIENT ID: SS03D-24-011421 **Lab ID: R2100441-012**

Analyte	Results	Flag	MDL	MRL	Units	Method
Total Solids	93.8				Percent	ALS SOP

CLIENT ID: SSEast-02-011421 **Lab ID: R2100441-013**

Analyte	Results	Flag	MDL	MRL	Units	Method
Total Solids	89.5				Percent	ALS SOP
2-Methylnaphthalene	230	J	62	370	ug/Kg	8270D
Acenaphthylene	190	J	76	370	ug/Kg	8270D
Anthracene	190	J	63	370	ug/Kg	8270D
Benz(a)anthracene	620		56	370	ug/Kg	8270D
Benzo(a)pyrene	890		100	370	ug/Kg	8270D
Benzo(b)fluoranthene	1200		63	370	ug/Kg	8270D
Benzo(g,h,i)perylene	500		86	370	ug/Kg	8270D



SAMPLE DETECTION SUMMARY

CLIENT ID: SSEast-02-011421 **Lab ID: R2100441-013**

Analyte	Results	Flag	MDL	MRL	Units	Method
Benzo(k)fluoranthene	420		61	370	ug/Kg	8270D
Chrysene	840		55	370	ug/Kg	8270D
Dibenz(a,h)anthracene	130	J	81	370	ug/Kg	8270D
Fluoranthene	900		94	370	ug/Kg	8270D
Indeno(1,2,3-cd)pyrene	480		120	370	ug/Kg	8270D
Naphthalene	170	J	70	370	ug/Kg	8270D
Phenanthrene	420		53	370	ug/Kg	8270D
Pyrene	1100		62	370	ug/Kg	8270D

CLIENT ID: SSEast-12-011421 **Lab ID: R2100441-014**

Analyte	Results	Flag	MDL	MRL	Units	Method
Total Solids	81.7				Percent	ALS SOP
2-Methylnaphthalene	210	J	68	410	ug/Kg	8270D
Benz(a)anthracene	200	J	61	410	ug/Kg	8270D
Benzo(a)pyrene	250	J	110	410	ug/Kg	8270D
Benzo(b)fluoranthene	410	J	69	410	ug/Kg	8270D
Benzo(g,h,i)perylene	150	J	95	410	ug/Kg	8270D
Benzo(k)fluoranthene	110	J	67	410	ug/Kg	8270D
Chrysene	360	J	61	410	ug/Kg	8270D
Fluoranthene	280	J	110	410	ug/Kg	8270D
Indeno(1,2,3-cd)pyrene	140	J	140	410	ug/Kg	8270D
Naphthalene	130	J	77	410	ug/Kg	8270D
Phenanthrene	360	J	58	410	ug/Kg	8270D
Pyrene	340	J	69	410	ug/Kg	8270D

CLIENT ID: SSEast-24-011421 **Lab ID: R2100441-015**

Analyte	Results	Flag	MDL	MRL	Units	Method
Total Solids	90.4				Percent	ALS SOP
Benz(a)anthracene	150	J	52	340	ug/Kg	8270D
Benzo(a)pyrene	160	J	92	340	ug/Kg	8270D
Benzo(b)fluoranthene	200	J	58	340	ug/Kg	8270D
Benzo(g,h,i)perylene	84	J	79	340	ug/Kg	8270D
Benzo(k)fluoranthene	74	J	56	340	ug/Kg	8270D
Chrysene	170	J	51	340	ug/Kg	8270D
Fluoranthene	140	J	87	340	ug/Kg	8270D
Phenanthrene	78	J	49	340	ug/Kg	8270D
Pyrene	170	J	58	340	ug/Kg	8270D

CLIENT ID: SS03B-DUP-011421 **Lab ID: R2100441-016**

Analyte	Results	Flag	MDL	MRL	Units	Method
Total Solids	89.4				Percent	ALS SOP
Benz(a)anthracene	200	J	54	360	ug/Kg	8270D
Benzo(a)pyrene	250	J	97	360	ug/Kg	8270D

SAMPLE DETECTION SUMMARY
CLIENT ID: SS03B-DUP-011421
Lab ID: R2100441-016

Analyte	Results	Flag	MDL	MRL	Units	Method
Benzo(b)fluoranthene	310	J	61	360	ug/Kg	8270D
Benzo(g,h,i)perylene	150	J	84	360	ug/Kg	8270D
Benzo(k)fluoranthene	110	J	59	360	ug/Kg	8270D
Chrysene	260	J	54	360	ug/Kg	8270D
Fluoranthene	380		91	360	ug/Kg	8270D
Indeno(1,2,3-cd)pyrene	150	J	120	360	ug/Kg	8270D
Phenanthrene	150	J	52	360	ug/Kg	8270D
Pyrene	340	J	61	360	ug/Kg	8270D



Sample Receipt Information

ALS Environmental—Rochester Laboratory
1565 Jefferson Road, Building 300, Suite 360, Rochester, NY 14623
Phone (585) 288-5380 Fax (585) 288-8475
www.alsglobal.com

Client: Leader Professional Services, Inc.
Project: Labelon/994.001

Service Request:R2100441

SAMPLE CROSS-REFERENCE

<u>SAMPLE #</u>	<u>CLIENT SAMPLE ID</u>	<u>DATE</u>	<u>TIME</u>
R2100441-001	SS03A-02-011421	1/14/2021	1300
R2100441-002	SS03A-12-011421	1/14/2021	1307
R2100441-003	SS03A-24-011421	1/14/2021	1320
R2100441-004	SS03B-02-011421	1/14/2021	1335
R2100441-005	SS03B-12-011421	1/14/2021	1350
R2100441-006	SS03B-24-011421	1/14/2021	1355
R2100441-007	SS03C-02-011421	1/14/2021	1405
R2100441-008	SS03C-12-011421	1/14/2021	1410
R2100441-009	SS03C-24-011421	1/14/2021	1442
R2100441-010	SS03D-02-011421	1/14/2021	1458
R2100441-011	SS03D-12-011421	1/14/2021	1505
R2100441-012	SS03D-24-011421	1/14/2021	1530
R2100441-013	SSEast-02-011421	1/14/2021	1545
R2100441-014	SSEast-12-011421	1/14/2021	1550
R2100441-015	SSEast-24-011421	1/14/2021	1600
R2100441-016	SS03B-DUP-011421	1/14/2021	1350



CHAIN OF CUSTODY/LABORATORY ANALYSIS REQUEST FORM

002187

1565 Jefferson Road, Building 300, Suite 360 • Rochester, NY 14623 | +1 585 288 5380 +1 585 288 8475 (fax) PAGE 1 OF 2

Project Name LABELON		Project Number 994.001		ANALYSIS REQUESTED (Include Method Number and Container Preservative)													
Project Manager Frank Thomas		Report CC P. Vonschendorf		PRESERVATIVE 40'													
Company/Address Leader Professional Services 271 Marsh Rd, Ste. 2 Pittsford, NY 14534				NUMBER OF CONTAINERS	GC/MS VOAs • 8260 • 824 • CLP GC/MS SVOAs • 8270 • 826 PAH GC VOAs • 8021 • 801/802 PESTICIDES • 8081 • 808 PCBs • 8082 • 608 METALS, TOTAL (List in comments below) METALS, DISSOLVED (List in comments below)	Preservative Key 0. NONE 1. HCL 2. HNO ₃ 3. H ₂ SO ₄ 4. NaOH 5. Zn. Acetate 6. MeOH 7. NaHSO ₄ 8. Other _____											
Phone # 585-248-2413		Email F.Thomas@leaderprof.com				REMARKS/ ALTERNATE DESCRIPTION											
Sampler's Signature <i>Frank Thomas</i>		Sampler's Printed Name Frank Thomas															

CLIENT SAMPLE ID	FOR OFFICE USE ONLY LAB ID	SAMPLING		MATRIX																
		DATE	TIME																	
SS03A-02-011421		1/14/21	1300	S					X											
SS03A-12-011421			1307	S					X											
SS03A-24-011421			1320	S					X											
SS03B-02-011421			1335	S					X											
SS03B-12-011421			1250	S					X											
SS03B-24-011421			1355	S					X											
SS03C-02-011421			1405	S					X											
SS03C-12-011421			1410	S					X											
SS03C-24-011421			1442	S					X											
SS0																				

SPECIAL INSTRUCTIONS/COMMENTS Metals				TURNAROUND REQUIREMENTS RUSH (SURCHARGES APPLY) 1 day _____ 2 day _____ 3 day _____ 4 day _____ 5 day _____ <input checked="" type="checkbox"/> Standard (10 business days-No Surcharge) REQUESTED REPORT DATE _____				REPORT REQUIREMENTS <input type="checkbox"/> I. Results Only <input type="checkbox"/> II. Results + OC Summaries (LCS, DUP, MS/MSD as required) <input type="checkbox"/> III. Results + OC and Calibration Summaries <input checked="" type="checkbox"/> IV. Data Validation Report with Raw Data Edata <input checked="" type="checkbox"/> Yes _____ No				INVOICE INFORMATION PO # 994.001 BILL TO: Leader			
See OAPP <input type="checkbox"/>															
STATE WHERE SAMPLES WERE COLLECTED															
RELINQUISHED BY		RECEIVED BY		RELINQUISHED BY		RECEIVED BY		RELINQUISHED BY		RECEIVED BY		RELINQUISHED BY		RECEIVED BY	
Signature _____		Signature <i>[Signature]</i>		Signature _____		Signature _____		Signature _____		Signature _____		Signature _____		Signature _____	
Printed Name Alec Minardi		Printed Name Greg LaFour		Printed Name _____		Printed Name _____		Printed Name _____		Printed Name _____		Printed Name _____		Printed Name _____	
Firm Leader		Firm ALS		Firm _____		Firm _____		Firm _____		Firm _____		Firm _____		Firm _____	
Date/Time 1/15/21, 11:20		Date/Time 1/15/21 1120		Date/Time _____		Date/Time _____		Date/Time _____		Date/Time _____		Date/Time _____		Date/Time _____	

Distribution: White - Lab Copy; Yellow - Return to Originator

R2100441 5
Leader Professional Services, Inc.
Labelon



CHAIN OF CUSTODY/LABORATORY ANALYSIS REQUEST FORM

002186

1565 Jefferson Road, Building 300, Suite 360 • Rochester, NY 14623 | +1 585 288 5380 +1 585 288 8475 (fax) PAGE 2 OF 2

Project Name LABELON		Project Number 994.001			ANALYSIS REQUESTED (Include Method Number and Container Preservative)																																											
Project Manager Frank Thomas		Report CC P. Vonschendorf			PRESERVATIVE 500																																											
Company/Address Leader Professional Services 271 Marsh Rd., Ste. 2 Pittsford, NY 14534		NUMBER OF CONTAINERS	GC/MS VOAs • 8280 • 824 • CLP • 8270 • 826	GC/MS SVOAs PAH	GC-VOAs • 8021 • 601/802	PESTICIDES • 8081 • 808	PCBs • 8082 • 608	METALS, TOTAL (List in comments below)	METALS, DISSOLVED (List in comments below)												Preservative Key																											
Phone # 585-248-2413																					Email fthomas@leaderlink.com			0. NONE		1. HCL		2. HNO ₃		3. H ₂ SO ₄		4. NaOH		5. Zn. Acetate		6. MeOH		7. NaHSO ₄										
Sampler's Signature <i>Frank Thomas</i>																					Sampler's Printed Name Frank Thomas			8. Other _____		REMARKS/ ALTERNATE DESCRIPTION																						
CLIENT SAMPLE ID																					FOR OFFICE USE ONLY LAB ID	DATE	TIME	MATRIX																								
SS03D-02-011421																						11/14/20	1458	S	X																							
SS03D-12-011421				1505	S	X																																										
SS03D-24-011421				1530	S	X																																										
SSEast-02-011421				1545	S	X																																										
SSEast-12-011421				1550	S	X																																										
SSEast-24-011421				1600	S	X																																										
SS03B-DUP-011421				1350	S	X																																										
SS03B-MS/MSD-011421				1350	S	X																																										
SPECIAL INSTRUCTIONS/COMMENTS Metals						TURNAROUND REQUIREMENTS				REPORT REQUIREMENTS				INVOICE INFORMATION																																		
						RUSH (SURCHARGES APPLY) ___ 1 day ___ 2 day ___ 3 day ___ 4 day ___ 5 day <input checked="" type="checkbox"/> Standard (10 business days-No Surcharge) REQUESTED REPORT DATE _____						I. Results Only II. Results + OC Summaries (LCS, DUP, MS/MSD as required) III. Results + OC and Calibration Summaries <input checked="" type="checkbox"/> IV. Data Validation Report with Raw Data Edata <input checked="" type="checkbox"/> Yes ___ No				PO # 994.001 BILL TO: Leader 																																
STATE WHERE SAMPLES WERE COLLECTED																																																
RELINQUISHED BY		RECEIVED BY		RELINQUISHED BY		RECEIVED BY		RELINQUISHED BY		RECEIVED BY		RELINQUISHED BY		RECEIVED BY																																		
Signature		Signature		Signature		Signature		Signature		Signature		Signature		Signature																																		
Printed Name		Printed Name		Printed Name		Printed Name		Printed Name		Printed Name		Printed Name		Printed Name																																		
Firm		Firm		Firm		Firm		Firm		Firm		Firm		Firm																																		
Date/Time		Date/Time		Date/Time		Date/Time		Date/Time		Date/Time		Date/Time		Date/Time																																		

Distribution: White - Lab Copy; Yellow - Return to Originator

R2100441

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Leader Professional Services, Inc.
Labelon



Cooler Receipt and Preservation Check Form

R2100441

5

Leader Professional Services, Inc.
Labelon



Project/Client Leader Folder Number _____

Cooler received on 1/15/21 by: AR

COURIER: ALS UPS FEDEX VELOCITY CLIENT

1	Were Custody seals on outside of cooler?	Y <u>(N)</u>
2	Custody papers properly completed (ink, signed)?	Y <u>(N)</u>
3	Did all bottles arrive in good condition (unbroken)?	<u>(Y)</u> N
4	Circle: <u>Wet Ice</u> Dry Ice Gel packs present?	<u>(Y)</u> N

5a	Perchlorate samples have required headspace?	Y N <u>(NA)</u>
5b	Did VOA vials, Alk, or Sulfide have sig* bubbles?	Y <u>(N)</u> NA
6	Where did the bottles originate?	<u>ALS/ROC</u> <u>CLIENT</u>
7	Soil VOA received as: Bulk Encore 5035set	<u>(NA)</u>

3. Temperature Readings Date: 1/15/21 Time: 11:27 ID: IR#7 (IR#10) From: Temp Blank Sample Bottle

Observed Temp (°C)	<u>9.4</u>	<u>10.6</u>					
Within 0-6°C?	Y <u>(N)</u>	Y <u>(N)</u>	Y N	Y N	Y N	Y N	Y N
If <0°C, were samples frozen?	Y N	Y N	Y N	Y N	Y N	Y N	Y N

If out of Temperature, note packing/ice condition: _____ Ice melted Poorly Packed (described below) Same Day Rule
& Client Approval to Run Samples: _____ Standing Approval Client aware at drop-off Client notified by: _____

All samples held in storage location: R-002 by e on 1/15/21 at 11:30
5035 samples placed in storage location: _____ by _____ on _____ at _____ within 48 hours of sampling? Y N

Cooler Breakdown/Preservation Check**: Date: 1/15/21 Time: 17:15 by: dlw

- 9. Were all bottle labels complete (i.e. analysis, preservation, etc.)? YES NO
- 10. Did all bottle labels and tags agree with custody papers? YES NO
- 11. Were correct containers used for the tests indicated? YES NO
- 12. Were 5035 vials acceptable (no extra labels, not leaking)? YES NO
- 13. Air Samples: Cassettes / Tubes Intact Y / N with MS Y / N Canisters Pressurized Tedlar® Bags Inflated N/A

pH	Lot of test paper	Reagent	Preserved?		Lot Received	Exp	Sample ID Adjusted	Vol. Added	Lot Added	Final pH
			Yes	No						
≥12		NaOH								
≤2		HNO ₃								
≤2		H ₂ SO ₄								
<4		NaHSO ₄								
5-9		For 608pest			No=Notify for 3day					
Residual Chlorine (-)		For CN, Phenol, 625, 608pest, 522			If +, contact PM to add Na ₂ S ₂ O ₃ (625, 608, CN), ascorbic (phenol).					
		Na ₂ S ₂ O ₃								
		ZnAcetate	-	-						
		HCl	**	**						

**VOAs and 1664 Not to be tested before analysis. Otherwise, all bottles of all samples with chemical preservatives are checked (not just representatives).

Bottle lot numbers: 090919-1SR, client
Explain all Discrepancies/ Other Comments: _____

HPROD	BULK
HTR	FLDT
SUB	HGFB
ALS	LL3541

Labels secondary reviewed by: dlw
PC Secondary Review: ams 1/19/21 *significant air bubbles: VOA > 5-6 mm : WC > 1 in. diameter



Miscellaneous Forms

ALS Environmental—Rochester Laboratory
1565 Jefferson Road, Building 300, Suite 360, Rochester, NY 14623
Phone (585) 288-5380 Fax (585) 288-8475
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REPORT QUALIFIERS AND DEFINITIONS

<p>U Analyte was analyzed for but not detected. The sample quantitation limit has been corrected for dilution and for percent moisture, unless otherwise noted in the case narrative.</p> <p>J Estimated value due to either being a Tentatively Identified Compound (TIC) or that the concentration is between the MRL and the MDL. Concentrations are not verified within the linear range of the calibration. For DoD: concentration >40% difference between two GC columns (pesticides/Aroclors).</p> <p>B Analyte was also detected in the associated method blank at a concentration that may have contributed to the sample result.</p> <p>E Inorganics- Concentration is estimated due to the serial dilution was outside control limits.</p> <p>E Organics- Concentration has exceeded the calibration range for that specific analysis.</p> <p>D Concentration is a result of a dilution, typically a secondary analysis of the sample due to exceeding the calibration range or that a surrogate has been diluted out of the sample and cannot be assessed.</p> <p>* Indicates that a quality control parameter has exceeded laboratory limits. Under the "Notes" column of the Form I, this qualifier denotes analysis was performed out of Holding Time.</p> <p>H Analysis was performed out of hold time for tests that have an "immediate" hold time criteria.</p> <p># Spike was diluted out.</p>	<p>+ Correlation coefficient for MSA is <0.995.</p> <p>N Inorganics- Matrix spike recovery was outside laboratory limits.</p> <p>N Organics- Presumptive evidence of a compound (reported as a TIC) based on the MS library search.</p> <p>S Concentration has been determined using Method of Standard Additions (MSA).</p> <p>W Post-Digestion Spike recovery is outside control limits and the sample absorbance is <50% of the spike absorbance.</p> <p>P Concentration >40% difference between the two GC columns.</p> <p>C Confirmed by GC/MS</p> <p>Q DoD reports: indicates a pesticide/Aroclor is not confirmed (>100% Difference between two GC columns).</p> <p>X See Case Narrative for discussion.</p> <p>MRL Method Reporting Limit. Also known as:</p> <p>LOQ Limit of Quantitation (LOQ) The lowest concentration at which the method analyte may be reliably quantified under the method conditions.</p> <p>MDL Method Detection Limit. A statistical value derived from a study designed to provide the lowest concentration that will be detected 99% of the time. Values between the MDL and MRL are estimated (see J qualifier).</p> <p>LOD Limit of Detection. A value at or above the MDL which has been verified to be detectable.</p> <p>ND Non-Detect. Analyte was not detected at the concentration listed. Same as U qualifier.</p>
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Rochester Lab ID # for State Certifications¹

Connecticut ID # PH0556	Maine ID #NY0032	Pennsylvania ID# 68-786
Delaware Approved	New Hampshire ID # 2941	Rhode Island ID # 158
DoD ELAP #65817	New York ID # 10145	Virginia #460167
Florida ID # E87674	North Carolina #676	

¹ Analyses were performed according to our laboratory's NELAP-approved quality assurance program and any applicable state or agency requirements. The test results meet requirements of the current NELAP/TNI standards or state or agency requirements, where applicable, except as noted in the case narrative. Since not all analyte/method/matrix combinations are offered for state/NELAC accreditation, this report may contain results which are not accredited. For a specific list of accredited analytes, contact the laboratory or go to <https://www.alsglobal.com/locations/americas/north-america/usa/new-york/rochester-environmental>

ALS Laboratory Group

Acronyms

ASTM	American Society for Testing and Materials
A2LA	American Association for Laboratory Accreditation
CARB	California Air Resources Board
CAS Number	Chemical Abstract Service registry Number
CFC	Chlorofluorocarbon
CFU	Colony-Forming Unit
DEC	Department of Environmental Conservation
DEQ	Department of Environmental Quality
DHS	Department of Health Services
DOE	Department of Ecology
DOH	Department of Health
EPA	U. S. Environmental Protection Agency
ELAP	Environmental Laboratory Accreditation Program
GC	Gas Chromatography
GC/MS	Gas Chromatography/Mass Spectrometry
LUFT	Leaking Underground Fuel Tank
M	Modified
MCL	Maximum Contaminant Level is the highest permissible concentration of a substance allowed in drinking water as established by the USEPA.
MDL	Method Detection Limit
MPN	Most Probable Number
MRL	Method Reporting Limit
NA	Not Applicable
NC	Not Calculated
NCASI	National Council of the Paper Industry for Air and Stream Improvement
ND	Not Detected
NIOSH	National Institute for Occupational Safety and Health
PQL	Practical Quantitation Limit
RCRA	Resource Conservation and Recovery Act
SIM	Selected Ion Monitoring
TPH	Total Petroleum Hydrocarbons
tr	Trace level is the concentration of an analyte that is less than the PQL but greater than or equal to the MDL.

Client: Leader Professional Services, Inc.
Project: Labelon/994.001

Service Request: R2100441

Non-Certified Analytes

Certifying Agency: New York Department of Health

Method	Matrix	Analyte
ALS SOP	Soil	Total Solids

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Analyst Summary report

Client: Leader Professional Services, Inc.
Project: Labelon/994.001

Service Request: R2100441

Sample Name: SS03A-02-011421
Lab Code: R2100441-001
Sample Matrix: Soil

Date Collected: 01/14/21
Date Received: 01/15/21

Analysis Method
8270D
ALS SOP

Extracted/Digested By
JMISIUREWICZ

Analyzed By
JMISIUREWICZ
KAWONG

Sample Name: SS03A-12-011421
Lab Code: R2100441-002
Sample Matrix: Soil

Date Collected: 01/14/21
Date Received: 01/15/21

Analysis Method
8270D
ALS SOP

Extracted/Digested By
JMISIUREWICZ

Analyzed By
JMISIUREWICZ
KAWONG

Sample Name: SS03A-24-011421
Lab Code: R2100441-003
Sample Matrix: Soil

Date Collected: 01/14/21
Date Received: 01/15/21

Analysis Method
8270D
ALS SOP

Extracted/Digested By
JMISIUREWICZ

Analyzed By
JMISIUREWICZ
KAWONG

Sample Name: SS03B-02-011421
Lab Code: R2100441-004
Sample Matrix: Soil

Date Collected: 01/14/21
Date Received: 01/15/21

Analysis Method
8270D
ALS SOP

Extracted/Digested By
JMISIUREWICZ

Analyzed By
JMISIUREWICZ
KAWONG

ALS Group USA, Corp.
dba ALS Environmental

Analyst Summary report

Client: Leader Professional Services, Inc.
Project: Labelon/994.001

Service Request: R2100441

Sample Name: SS03B-12-011421
Lab Code: R2100441-005
Sample Matrix: Soil

Date Collected: 01/14/21
Date Received: 01/15/21

Analysis Method
8270D
ALS SOP

Extracted/Digested By
JMISIUREWICZ

Analyzed By
JMISIUREWICZ
KAWONG

Sample Name: SS03B-24-011421
Lab Code: R2100441-006
Sample Matrix: Soil

Date Collected: 01/14/21
Date Received: 01/15/21

Analysis Method
8270D
ALS SOP

Extracted/Digested By
JMISIUREWICZ

Analyzed By
JMISIUREWICZ
KAWONG

Sample Name: SS03C-02-011421
Lab Code: R2100441-007
Sample Matrix: Soil

Date Collected: 01/14/21
Date Received: 01/15/21

Analysis Method
8270D
ALS SOP

Extracted/Digested By
JMISIUREWICZ

Analyzed By
JMISIUREWICZ
KAWONG

Sample Name: SS03C-12-011421
Lab Code: R2100441-008
Sample Matrix: Soil

Date Collected: 01/14/21
Date Received: 01/15/21

Analysis Method
8270D
ALS SOP

Extracted/Digested By
JMISIUREWICZ

Analyzed By
JMISIUREWICZ
KAWONG

ALS Group USA, Corp.
dba ALS Environmental

Analyst Summary report

Client: Leader Professional Services, Inc.
Project: Labelon/994.001

Service Request: R2100441

Sample Name: SS03C-24-011421
Lab Code: R2100441-009
Sample Matrix: Soil

Date Collected: 01/14/21
Date Received: 01/15/21

Analysis Method
8270D
ALS SOP

Extracted/Digested By
JMISIUREWICZ

Analyzed By
JMISIUREWICZ
KAWONG

Sample Name: SS03D-02-011421
Lab Code: R2100441-010
Sample Matrix: Soil

Date Collected: 01/14/21
Date Received: 01/15/21

Analysis Method
8270D
ALS SOP

Extracted/Digested By
JMISIUREWICZ

Analyzed By
JMISIUREWICZ
KAWONG

Sample Name: SS03D-12-011421
Lab Code: R2100441-011
Sample Matrix: Soil

Date Collected: 01/14/21
Date Received: 01/15/21

Analysis Method
8270D
ALS SOP

Extracted/Digested By
JMISIUREWICZ

Analyzed By
JMISIUREWICZ
KAWONG

Sample Name: SS03D-24-011421
Lab Code: R2100441-012
Sample Matrix: Soil

Date Collected: 01/14/21
Date Received: 01/15/21

Analysis Method
8270D
ALS SOP

Extracted/Digested By
JMISIUREWICZ

Analyzed By
JMISIUREWICZ
KAWONG

ALS Group USA, Corp.
dba ALS Environmental

Analyst Summary report

Client: Leader Professional Services, Inc.
Project: Labelon/994.001

Service Request: R2100441

Sample Name: SSEast-02-011421
Lab Code: R2100441-013
Sample Matrix: Soil

Date Collected: 01/14/21
Date Received: 01/15/21

Analysis Method
8270D
ALS SOP

Extracted/Digested By
JMISIUREWICZ

Analyzed By
JMISIUREWICZ
KAWONG

Sample Name: SSEast-12-011421
Lab Code: R2100441-014
Sample Matrix: Soil

Date Collected: 01/14/21
Date Received: 01/15/21

Analysis Method
8270D
ALS SOP

Extracted/Digested By
JMISIUREWICZ

Analyzed By
JMISIUREWICZ
KAWONG

Sample Name: SSEast-24-011421
Lab Code: R2100441-015
Sample Matrix: Soil

Date Collected: 01/14/21
Date Received: 01/15/21

Analysis Method
8270D
ALS SOP

Extracted/Digested By
JMISIUREWICZ

Analyzed By
JMISIUREWICZ
KAWONG

Sample Name: SS03B-DUP-011421
Lab Code: R2100441-016
Sample Matrix: Soil

Date Collected: 01/14/21
Date Received: 01/15/21

Analysis Method
8270D
ALS SOP

Extracted/Digested By
JMISIUREWICZ

Analyzed By
JMISIUREWICZ
KAWONG



INORGANIC PREPARATION METHODS

The preparation methods associated with this report are found in these tables unless discussed in the case narrative.

Water/Liquid Matrix

Analytical Method	Preparation Method
200.7	200.2
200.8	200.2
6010C	3005A/3010A
6020A	ILM05.3
9034 Sulfide Acid Soluble	9030B
SM 4500-CN-E Residual Cyanide	SM 4500-CN-G
SM 4500-CN-E WAD Cyanide	SM 4500-CN-I

Solid/Soil/Non-Aqueous Matrix

Analytical Method	Preparation Method
6010C	3050B
6020A	3050B
6010C TCLP (1311) extract	3005A/3010A
6010 SPLP (1312) extract	3005A/3010A
7199	3060A
300.0 Anions/ 350.1/ 353.2/ SM 2320B/ SM 5210B/ 9056A Anions	DI extraction
For analytical methods not listed, the preparation method is the same as the analytical method reference.	



Sample Results

ALS Environmental—Rochester Laboratory
1565 Jefferson Road, Building 300, Suite 360, Rochester, NY 14623
Phone (585) 288-5380 Fax (585) 288-8475
www.alsglobal.com



Semivolatile Organic Compounds by GC/MS

ALS Environmental—Rochester Laboratory
1565 Jefferson Road, Building 300, Suite 360, Rochester, NY 14623
Phone (585) 288-5380 Fax (585) 288-8475
www.alsglobal.com

ALS Group USA, Corp.
dba ALS Environmental

Analytical Report

Client: Leader Professional Services, Inc.
Project: Labelon/994.001
Sample Matrix: Soil

Service Request: R2100441
Date Collected: 01/14/21 13:00
Date Received: 01/15/21 11:20

Sample Name: SS03A-02-011421
Lab Code: R2100441-001

Units: ug/Kg
Basis: Dry

Semivolatile Organic Compounds by GC/MS using Microwave Digestion

Analysis Method: 8270D
Prep Method: EPA 3546

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
2-Methylnaphthalene	85 J	450	74	1	01/27/21 18:15	1/25/21	
Acenaphthene	450 U	450	85	1	01/27/21 18:15	1/25/21	
Acenaphthylene	560	450	91	1	01/27/21 18:15	1/25/21	
Anthracene	350 J	450	75	1	01/27/21 18:15	1/25/21	
Benz(a)anthracene	1300	450	67	1	01/27/21 18:15	1/25/21	
Benzo(a)pyrene	1700	450	120	1	01/27/21 18:15	1/25/21	
Benzo(b)fluoranthene	2400	450	75	1	01/27/21 18:15	1/25/21	
Benzo(g,h,i)perylene	1000	450	110	1	01/27/21 18:15	1/25/21	
Benzo(k)fluoranthene	820	450	73	1	01/27/21 18:15	1/25/21	
Chrysene	1500	450	66	1	01/27/21 18:15	1/25/21	
Dibenz(a,h)anthracene	280 J	450	98	1	01/27/21 18:15	1/25/21	
Fluoranthene	1800	450	120	1	01/27/21 18:15	1/25/21	
Fluorene	450 U	450	84	1	01/27/21 18:15	1/25/21	
Indeno(1,2,3-cd)pyrene	1100	450	150	1	01/27/21 18:15	1/25/21	
Naphthalene	99 J	450	84	1	01/27/21 18:15	1/25/21	
Phenanthrene	450	450	64	1	01/27/21 18:15	1/25/21	
Pyrene	1900	450	75	1	01/27/21 18:15	1/25/21	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
2-Fluorobiphenyl	30	10 - 102	01/27/21 18:15	
Nitrobenzene-d5	25	10 - 95	01/27/21 18:15	
p-Terphenyl-d14	36	10 - 106	01/27/21 18:15	

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Analytical Report

Client: Leader Professional Services, Inc.
Project: Labelon/994.001
Sample Matrix: Soil

Service Request: R2100441
Date Collected: 01/14/21 13:07
Date Received: 01/15/21 11:20

Sample Name: SS03A-12-011421
Lab Code: R2100441-002

Units: ug/Kg
Basis: Dry

Semivolatile Organic Compounds by GC/MS using Microwave Digestion

Analysis Method: 8270D
Prep Method: EPA 3546

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
2-Methylnaphthalene	390 U	390	64	1	01/27/21 18:43	1/25/21	
Acenaphthene	390 U	390	73	1	01/27/21 18:43	1/25/21	
Acenaphthylene	310 J	390	79	1	01/27/21 18:43	1/25/21	
Anthracene	170 J	390	65	1	01/27/21 18:43	1/25/21	
Benz(a)anthracene	620	390	58	1	01/27/21 18:43	1/25/21	
Benzo(a)pyrene	770	390	110	1	01/27/21 18:43	1/25/21	
Benzo(b)fluoranthene	1000	390	65	1	01/27/21 18:43	1/25/21	
Benzo(g,h,i)perylene	470	390	89	1	01/27/21 18:43	1/25/21	
Benzo(k)fluoranthene	390	390	63	1	01/27/21 18:43	1/25/21	
Chrysene	690	390	57	1	01/27/21 18:43	1/25/21	
Dibenz(a,h)anthracene	150 J	390	84	1	01/27/21 18:43	1/25/21	
Fluoranthene	760	390	97	1	01/27/21 18:43	1/25/21	
Fluorene	390 U	390	73	1	01/27/21 18:43	1/25/21	
Indeno(1,2,3-cd)pyrene	520	390	130	1	01/27/21 18:43	1/25/21	
Naphthalene	390 U	390	73	1	01/27/21 18:43	1/25/21	
Phenanthrene	200 J	390	55	1	01/27/21 18:43	1/25/21	
Pyrene	800	390	65	1	01/27/21 18:43	1/25/21	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
2-Fluorobiphenyl	39	10 - 102	01/27/21 18:43	
Nitrobenzene-d5	33	10 - 95	01/27/21 18:43	
p-Terphenyl-d14	46	10 - 106	01/27/21 18:43	

ALS Group USA, Corp.
dba ALS Environmental

Analytical Report

Client: Leader Professional Services, Inc.
Project: Labelon/994.001
Sample Matrix: Soil

Service Request: R2100441
Date Collected: 01/14/21 13:20
Date Received: 01/15/21 11:20

Sample Name: SS03A-24-011421
Lab Code: R2100441-003

Units: ug/Kg
Basis: Dry

Semivolatile Organic Compounds by GC/MS using Microwave Digestion

Analysis Method: 8270D
Prep Method: EPA 3546

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
2-Methylnaphthalene	360 U	360	60	1	01/27/21 19:11	1/25/21	
Acenaphthene	360 U	360	69	1	01/27/21 19:11	1/25/21	
Acenaphthylene	170 J	360	74	1	01/27/21 19:11	1/25/21	
Anthracene	120 J	360	61	1	01/27/21 19:11	1/25/21	
Benz(a)anthracene	520	360	54	1	01/27/21 19:11	1/25/21	
Benzo(a)pyrene	630	360	97	1	01/27/21 19:11	1/25/21	
Benzo(b)fluoranthene	780	360	61	1	01/27/21 19:11	1/25/21	
Benzo(g,h,i)perylene	420	360	83	1	01/27/21 19:11	1/25/21	
Benzo(k)fluoranthene	300 J	360	59	1	01/27/21 19:11	1/25/21	
Chrysene	640	360	54	1	01/27/21 19:11	1/25/21	
Dibenz(a,h)anthracene	99 J	360	79	1	01/27/21 19:11	1/25/21	
Fluoranthene	1000	360	91	1	01/27/21 19:11	1/25/21	
Fluorene	360 U	360	68	1	01/27/21 19:11	1/25/21	
Indeno(1,2,3-cd)pyrene	430	360	120	1	01/27/21 19:11	1/25/21	
Naphthalene	360 U	360	68	1	01/27/21 19:11	1/25/21	
Phenanthrene	320 J	360	52	1	01/27/21 19:11	1/25/21	
Pyrene	1000	360	61	1	01/27/21 19:11	1/25/21	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
2-Fluorobiphenyl	37	10 - 102	01/27/21 19:11	
Nitrobenzene-d5	34	10 - 95	01/27/21 19:11	
p-Terphenyl-d14	39	10 - 106	01/27/21 19:11	

ALS Group USA, Corp.
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Analytical Report

Client: Leader Professional Services, Inc.
Project: Labelon/994.001
Sample Matrix: Soil

Service Request: R2100441
Date Collected: 01/14/21 13:35
Date Received: 01/15/21 11:20

Sample Name: SS03B-02-011421
Lab Code: R2100441-004

Units: ug/Kg
Basis: Dry

Semivolatile Organic Compounds by GC/MS using Microwave Digestion

Analysis Method: 8270D
Prep Method: EPA 3546

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
2-Methylnaphthalene	410 U	410	69	1	01/27/21 19:39	1/25/21	
Acenaphthene	410 U	410	78	1	01/27/21 19:39	1/25/21	
Acenaphthylene	220 J	410	84	1	01/27/21 19:39	1/25/21	
Anthracene	120 J	410	69	1	01/27/21 19:39	1/25/21	
Benz(a)anthracene	400 J	410	62	1	01/27/21 19:39	1/25/21	
Benzo(a)pyrene	540	410	110	1	01/27/21 19:39	1/25/21	
Benzo(b)fluoranthene	710	410	69	1	01/27/21 19:39	1/25/21	
Benzo(g,h,i)perylene	350 J	410	95	1	01/27/21 19:39	1/25/21	
Benzo(k)fluoranthene	270 J	410	67	1	01/27/21 19:39	1/25/21	
Chrysene	470	410	61	1	01/27/21 19:39	1/25/21	
Dibenz(a,h)anthracene	110 J	410	90	1	01/27/21 19:39	1/25/21	
Fluoranthene	500	410	110	1	01/27/21 19:39	1/25/21	
Fluorene	410 U	410	78	1	01/27/21 19:39	1/25/21	
Indeno(1,2,3-cd)pyrene	360 J	410	140	1	01/27/21 19:39	1/25/21	
Naphthalene	410 U	410	78	1	01/27/21 19:39	1/25/21	
Phenanthrene	120 J	410	59	1	01/27/21 19:39	1/25/21	
Pyrene	550	410	69	1	01/27/21 19:39	1/25/21	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
2-Fluorobiphenyl	45	10 - 102	01/27/21 19:39	
Nitrobenzene-d5	41	10 - 95	01/27/21 19:39	
p-Terphenyl-d14	43	10 - 106	01/27/21 19:39	

ALS Group USA, Corp.
dba ALS Environmental

Analytical Report

Client: Leader Professional Services, Inc.
Project: Labelon/994.001
Sample Matrix: Soil

Service Request: R2100441
Date Collected: 01/14/21 13:50
Date Received: 01/15/21 11:20

Sample Name: SS03B-12-011421
Lab Code: R2100441-005

Units: ug/Kg
Basis: Dry

Semivolatile Organic Compounds by GC/MS using Microwave Digestion

Analysis Method: 8270D
Prep Method: EPA 3546

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
2-Methylnaphthalene	360 U	360	61	1	01/27/21 20:08	1/25/21	
Acenaphthene	360 U	360	69	1	01/27/21 20:08	1/25/21	
Acenaphthylene	360 U	360	74	1	01/27/21 20:08	1/25/21	
Anthracene	64 J	360	61	1	01/27/21 20:08	1/25/21	
Benz(a)anthracene	320 J	360	54	1	01/27/21 20:08	1/25/21	
Benzo(a)pyrene	370	360	97	1	01/27/21 20:08	1/25/21	
Benzo(b)fluoranthene	470	360	61	1	01/27/21 20:08	1/25/21	
Benzo(g,h,i)perylene	250 J	360	84	1	01/27/21 20:08	1/25/21	
Benzo(k)fluoranthene	160 J	360	59	1	01/27/21 20:08	1/25/21	
Chrysene	390	360	54	1	01/27/21 20:08	1/25/21	
Dibenz(a,h)anthracene	360 U	360	79	1	01/27/21 20:08	1/25/21	
Fluoranthene	590	360	92	1	01/27/21 20:08	1/25/21	
Fluorene	360 U	360	68	1	01/27/21 20:08	1/25/21	
Indeno(1,2,3-cd)pyrene	240 J	360	120	1	01/27/21 20:08	1/25/21	
Naphthalene	360 U	360	68	1	01/27/21 20:08	1/25/21	
Phenanthrene	250 J	360	52	1	01/27/21 20:08	1/25/21	
Pyrene	560	360	61	1	01/27/21 20:08	1/25/21	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
2-Fluorobiphenyl	43	10 - 102	01/27/21 20:08	
Nitrobenzene-d5	37	10 - 95	01/27/21 20:08	
p-Terphenyl-d14	46	10 - 106	01/27/21 20:08	

ALS Group USA, Corp.
dba ALS Environmental

Analytical Report

Client: Leader Professional Services, Inc.
Project: Labelon/994.001
Sample Matrix: Soil

Service Request: R2100441
Date Collected: 01/14/21 13:55
Date Received: 01/15/21 11:20

Sample Name: SS03B-24-011421
Lab Code: R2100441-006

Units: ug/Kg
Basis: Dry

Semivolatile Organic Compounds by GC/MS using Microwave Digestion

Analysis Method: 8270D
Prep Method: EPA 3546

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
2-Methylnaphthalene	350 U	350	58	1	01/27/21 21:35	1/25/21	
Acenaphthene	350 U	350	66	1	01/27/21 21:35	1/25/21	
Acenaphthylene	350 U	350	71	1	01/27/21 21:35	1/25/21	
Anthracene	350 U	350	58	1	01/27/21 21:35	1/25/21	
Benz(a)anthracene	350 U	350	52	1	01/27/21 21:35	1/25/21	
Benzo(a)pyrene	350 U	350	93	1	01/27/21 21:35	1/25/21	
Benzo(b)fluoranthene	350 U	350	58	1	01/27/21 21:35	1/25/21	
Benzo(g,h,i)perylene	350 U	350	80	1	01/27/21 21:35	1/25/21	
Benzo(k)fluoranthene	350 U	350	57	1	01/27/21 21:35	1/25/21	
Chrysene	350 U	350	51	1	01/27/21 21:35	1/25/21	
Dibenz(a,h)anthracene	350 U	350	76	1	01/27/21 21:35	1/25/21	
Fluoranthene	350 U	350	87	1	01/27/21 21:35	1/25/21	
Fluorene	350 U	350	65	1	01/27/21 21:35	1/25/21	
Indeno(1,2,3-cd)pyrene	350 U	350	120	1	01/27/21 21:35	1/25/21	
Naphthalene	350 U	350	65	1	01/27/21 21:35	1/25/21	
Phenanthrene	350 U	350	49	1	01/27/21 21:35	1/25/21	
Pyrene	350 U	350	58	1	01/27/21 21:35	1/25/21	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
2-Fluorobiphenyl	42	10 - 102	01/27/21 21:35	
Nitrobenzene-d5	42	10 - 95	01/27/21 21:35	
p-Terphenyl-d14	50	10 - 106	01/27/21 21:35	

ALS Group USA, Corp.
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Analytical Report

Client: Leader Professional Services, Inc.
Project: Labelon/994.001
Sample Matrix: Soil

Service Request: R2100441
Date Collected: 01/14/21 14:05
Date Received: 01/15/21 11:20

Sample Name: SS03C-02-011421
Lab Code: R2100441-007

Units: ug/Kg
Basis: Dry

Semivolatile Organic Compounds by GC/MS using Microwave Digestion

Analysis Method: 8270D
Prep Method: EPA 3546

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
2-Methylnaphthalene	360 U	360	59	1	01/27/21 22:04	1/25/21	
Acenaphthene	360 U	360	68	1	01/27/21 22:04	1/25/21	
Acenaphthylene	200 J	360	72	1	01/27/21 22:04	1/25/21	
Anthracene	130 J	360	60	1	01/27/21 22:04	1/25/21	
Benz(a)anthracene	530	360	53	1	01/27/21 22:04	1/25/21	
Benzo(a)pyrene	710	360	95	1	01/27/21 22:04	1/25/21	
Benzo(b)fluoranthene	900	360	60	1	01/27/21 22:04	1/25/21	
Benzo(g,h,i)perylene	390	360	82	1	01/27/21 22:04	1/25/21	
Benzo(k)fluoranthene	320 J	360	58	1	01/27/21 22:04	1/25/21	
Chrysene	610	360	53	1	01/27/21 22:04	1/25/21	
Dibenz(a,h)anthracene	110 J	360	78	1	01/27/21 22:04	1/25/21	
Fluoranthene	660	360	90	1	01/27/21 22:04	1/25/21	
Fluorene	360 U	360	67	1	01/27/21 22:04	1/25/21	
Indeno(1,2,3-cd)pyrene	420	360	120	1	01/27/21 22:04	1/25/21	
Naphthalene	360 U	360	67	1	01/27/21 22:04	1/25/21	
Phenanthrene	160 J	360	51	1	01/27/21 22:04	1/25/21	
Pyrene	730	360	60	1	01/27/21 22:04	1/25/21	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
2-Fluorobiphenyl	36	10 - 102	01/27/21 22:04	
Nitrobenzene-d5	36	10 - 95	01/27/21 22:04	
p-Terphenyl-d14	40	10 - 106	01/27/21 22:04	

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Analytical Report

Client: Leader Professional Services, Inc.
Project: Labelon/994.001
Sample Matrix: Soil

Service Request: R2100441
Date Collected: 01/14/21 14:10
Date Received: 01/15/21 11:20

Sample Name: SS03C-12-011421
Lab Code: R2100441-008

Units: ug/Kg
Basis: Dry

Semivolatile Organic Compounds by GC/MS using Microwave Digestion

Analysis Method: 8270D
Prep Method: EPA 3546

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
2-Methylnaphthalene	390 U	390	65	1	01/27/21 22:33	1/25/21	
Acenaphthene	390 U	390	74	1	01/27/21 22:33	1/25/21	
Acenaphthylene	390 U	390	79	1	01/27/21 22:33	1/25/21	
Anthracene	390 U	390	66	1	01/27/21 22:33	1/25/21	
Benz(a)anthracene	120 J	390	58	1	01/27/21 22:33	1/25/21	
Benzo(a)pyrene	140 J	390	110	1	01/27/21 22:33	1/25/21	
Benzo(b)fluoranthene	210 J	390	66	1	01/27/21 22:33	1/25/21	
Benzo(g,h,i)perylene	390 U	390	90	1	01/27/21 22:33	1/25/21	
Benzo(k)fluoranthene	69 J	390	64	1	01/27/21 22:33	1/25/21	
Chrysene	220 J	390	58	1	01/27/21 22:33	1/25/21	
Dibenz(a,h)anthracene	390 U	390	85	1	01/27/21 22:33	1/25/21	
Fluoranthene	120 J	390	98	1	01/27/21 22:33	1/25/21	
Fluorene	390 U	390	73	1	01/27/21 22:33	1/25/21	
Indeno(1,2,3-cd)pyrene	390 U	390	130	1	01/27/21 22:33	1/25/21	
Naphthalene	85 J	390	74	1	01/27/21 22:33	1/25/21	
Phenanthrene	120 J	390	56	1	01/27/21 22:33	1/25/21	
Pyrene	150 J	390	65	1	01/27/21 22:33	1/25/21	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
2-Fluorobiphenyl	32	10 - 102	01/27/21 22:33	
Nitrobenzene-d5	30	10 - 95	01/27/21 22:33	
p-Terphenyl-d14	37	10 - 106	01/27/21 22:33	

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Analytical Report

Client: Leader Professional Services, Inc.
Project: Labelon/994.001
Sample Matrix: Soil

Service Request: R2100441
Date Collected: 01/14/21 14:42
Date Received: 01/15/21 11:20

Sample Name: SS03C-24-011421
Lab Code: R2100441-009

Units: ug/Kg
Basis: Dry

Semivolatile Organic Compounds by GC/MS using Microwave Digestion

Analysis Method: 8270D
Prep Method: EPA 3546

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
2-Methylnaphthalene	350 U	350	59	1	01/27/21 23:02	1/25/21	
Acenaphthene	350 U	350	67	1	01/27/21 23:02	1/25/21	
Acenaphthylene	96 J	350	72	1	01/27/21 23:02	1/25/21	
Anthracene	68 J	350	59	1	01/27/21 23:02	1/25/21	
Benz(a)anthracene	290 J	350	53	1	01/27/21 23:02	1/25/21	
Benzo(a)pyrene	400	350	94	1	01/27/21 23:02	1/25/21	
Benzo(b)fluoranthene	500	350	59	1	01/27/21 23:02	1/25/21	
Benzo(g,h,i)perylene	210 J	350	81	1	01/27/21 23:02	1/25/21	
Benzo(k)fluoranthene	190 J	350	57	1	01/27/21 23:02	1/25/21	
Chrysene	350 J	350	52	1	01/27/21 23:02	1/25/21	
Dibenz(a,h)anthracene	350 U	350	77	1	01/27/21 23:02	1/25/21	
Fluoranthene	310 J	350	89	1	01/27/21 23:02	1/25/21	
Fluorene	350 U	350	66	1	01/27/21 23:02	1/25/21	
Indeno(1,2,3-cd)pyrene	220 J	350	120	1	01/27/21 23:02	1/25/21	
Naphthalene	350 U	350	66	1	01/27/21 23:02	1/25/21	
Phenanthrene	100 J	350	50	1	01/27/21 23:02	1/25/21	
Pyrene	360	350	59	1	01/27/21 23:02	1/25/21	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
2-Fluorobiphenyl	47	10 - 102	01/27/21 23:02	
Nitrobenzene-d5	45	10 - 95	01/27/21 23:02	
p-Terphenyl-d14	48	10 - 106	01/27/21 23:02	

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Analytical Report

Client: Leader Professional Services, Inc.
Project: Labelon/994.001
Sample Matrix: Soil

Service Request: R2100441
Date Collected: 01/14/21 14:58
Date Received: 01/15/21 11:20

Sample Name: SS03D-02-011421
Lab Code: R2100441-010

Units: ug/Kg
Basis: Dry

Semivolatile Organic Compounds by GC/MS using Microwave Digestion

Analysis Method: 8270D
Prep Method: EPA 3546

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
2-Methylnaphthalene	370 U	370	62	1	01/27/21 23:31	1/25/21	
Acenaphthene	370 U	370	70	1	01/27/21 23:31	1/25/21	
Acenaphthylene	240 J	370	75	1	01/27/21 23:31	1/25/21	
Anthracene	140 J	370	62	1	01/27/21 23:31	1/25/21	
Benz(a)anthracene	540	370	55	1	01/27/21 23:31	1/25/21	
Benzo(a)pyrene	660	370	99	1	01/27/21 23:31	1/25/21	
Benzo(b)fluoranthene	890	370	62	1	01/27/21 23:31	1/25/21	
Benzo(g,h,i)perylene	400	370	85	1	01/27/21 23:31	1/25/21	
Benzo(k)fluoranthene	310 J	370	60	1	01/27/21 23:31	1/25/21	
Chrysene	610	370	55	1	01/27/21 23:31	1/25/21	
Dibenz(a,h)anthracene	110 J	370	81	1	01/27/21 23:31	1/25/21	
Fluoranthene	870	370	93	1	01/27/21 23:31	1/25/21	
Fluorene	370 U	370	70	1	01/27/21 23:31	1/25/21	
Indeno(1,2,3-cd)pyrene	410	370	120	1	01/27/21 23:31	1/25/21	
Naphthalene	370 U	370	70	1	01/27/21 23:31	1/25/21	
Phenanthrene	230 J	370	53	1	01/27/21 23:31	1/25/21	
Pyrene	890	370	62	1	01/27/21 23:31	1/25/21	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
2-Fluorobiphenyl	42	10 - 102	01/27/21 23:31	
Nitrobenzene-d5	40	10 - 95	01/27/21 23:31	
p-Terphenyl-d14	44	10 - 106	01/27/21 23:31	

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Analytical Report

Client: Leader Professional Services, Inc.
Project: Labelon/994.001
Sample Matrix: Soil

Service Request: R2100441
Date Collected: 01/14/21 15:05
Date Received: 01/15/21 11:20

Sample Name: SS03D-12-011421
Lab Code: R2100441-011

Units: ug/Kg
Basis: Dry

Semivolatile Organic Compounds by GC/MS using Microwave Digestion

Analysis Method: 8270D
Prep Method: EPA 3546

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
2-Methylnaphthalene	360 U	360	60	1	02/02/21 22:39	1/25/21	
Acenaphthene	360 U	360	68	1	02/02/21 22:39	1/25/21	
Acenaphthylene	360 U	360	73	1	02/02/21 22:39	1/25/21	
Anthracene	360 U	360	61	1	02/02/21 22:39	1/25/21	
Benz(a)anthracene	360 U	360	54	1	02/02/21 22:39	1/25/21	
Benzo(a)pyrene	360 U	360	96	1	02/02/21 22:39	1/25/21	
Benzo(b)fluoranthene	70 J	360	61	1	02/02/21 22:39	1/25/21	
Benzo(g,h,i)perylene	360 U	360	83	1	02/02/21 22:39	1/25/21	
Benzo(k)fluoranthene	360 U	360	59	1	02/02/21 22:39	1/25/21	
Chrysene	67 J	360	53	1	02/02/21 22:39	1/25/21	
Dibenz(a,h)anthracene	360 U	360	79	1	02/02/21 22:39	1/25/21	
Fluoranthene	360 U	360	91	1	02/02/21 22:39	1/25/21	
Fluorene	360 U	360	68	1	02/02/21 22:39	1/25/21	
Indeno(1,2,3-cd)pyrene	360 U	360	120	1	02/02/21 22:39	1/25/21	
Naphthalene	360 U	360	68	1	02/02/21 22:39	1/25/21	
Phenanthrene	360 U	360	51	1	02/02/21 22:39	1/25/21	
Pyrene	61 J	360	60	1	02/02/21 22:39	1/25/21	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
2-Fluorobiphenyl	39	10 - 102	02/02/21 22:39	
Nitrobenzene-d5	38	10 - 95	02/02/21 22:39	
p-Terphenyl-d14	46	10 - 106	02/02/21 22:39	

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Analytical Report

Client: Leader Professional Services, Inc.
Project: Labelon/994.001
Sample Matrix: Soil

Service Request: R2100441
Date Collected: 01/14/21 15:30
Date Received: 01/15/21 11:20

Sample Name: SS03D-24-011421
Lab Code: R2100441-012

Units: ug/Kg
Basis: Dry

Semivolatile Organic Compounds by GC/MS using Microwave Digestion

Analysis Method: 8270D
Prep Method: EPA 3546

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
2-Methylnaphthalene	340 U	340	56	1	02/02/21 23:07	1/25/21	
Acenaphthene	340 U	340	64	1	02/02/21 23:07	1/25/21	
Acenaphthylene	340 U	340	69	1	02/02/21 23:07	1/25/21	
Anthracene	340 U	340	57	1	02/02/21 23:07	1/25/21	
Benz(a)anthracene	340 U	340	51	1	02/02/21 23:07	1/25/21	
Benzo(a)pyrene	340 U	340	91	1	02/02/21 23:07	1/25/21	
Benzo(b)fluoranthene	340 U	340	57	1	02/02/21 23:07	1/25/21	
Benzo(g,h,i)perylene	340 U	340	78	1	02/02/21 23:07	1/25/21	
Benzo(k)fluoranthene	340 U	340	55	1	02/02/21 23:07	1/25/21	
Chrysene	340 U	340	50	1	02/02/21 23:07	1/25/21	
Dibenz(a,h)anthracene	340 U	340	74	1	02/02/21 23:07	1/25/21	
Fluoranthene	340 U	340	85	1	02/02/21 23:07	1/25/21	
Fluorene	340 U	340	64	1	02/02/21 23:07	1/25/21	
Indeno(1,2,3-cd)pyrene	340 U	340	110	1	02/02/21 23:07	1/25/21	
Naphthalene	340 U	340	64	1	02/02/21 23:07	1/25/21	
Phenanthrene	340 U	340	48	1	02/02/21 23:07	1/25/21	
Pyrene	340 U	340	57	1	02/02/21 23:07	1/25/21	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
2-Fluorobiphenyl	44	10 - 102	02/02/21 23:07	
Nitrobenzene-d5	41	10 - 95	02/02/21 23:07	
p-Terphenyl-d14	57	10 - 106	02/02/21 23:07	

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Analytical Report

Client: Leader Professional Services, Inc.
Project: Labelon/994.001
Sample Matrix: Soil

Service Request: R2100441
Date Collected: 01/14/21 15:45
Date Received: 01/15/21 11:20

Sample Name: SSEast-02-011421
Lab Code: R2100441-013

Units: ug/Kg
Basis: Dry

Semivolatile Organic Compounds by GC/MS using Microwave Digestion

Analysis Method: 8270D
Prep Method: EPA 3546

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
2-Methylnaphthalene	230 J	370	62	1	02/02/21 23:34	1/25/21	
Acenaphthene	370 U	370	71	1	02/02/21 23:34	1/25/21	
Acenaphthylene	190 J	370	76	1	02/02/21 23:34	1/25/21	
Anthracene	190 J	370	63	1	02/02/21 23:34	1/25/21	
Benz(a)anthracene	620	370	56	1	02/02/21 23:34	1/25/21	
Benzo(a)pyrene	890	370	100	1	02/02/21 23:34	1/25/21	
Benzo(b)fluoranthene	1200	370	63	1	02/02/21 23:34	1/25/21	
Benzo(g,h,i)perylene	500	370	86	1	02/02/21 23:34	1/25/21	
Benzo(k)fluoranthene	420	370	61	1	02/02/21 23:34	1/25/21	
Chrysene	840	370	55	1	02/02/21 23:34	1/25/21	
Dibenz(a,h)anthracene	130 J	370	81	1	02/02/21 23:34	1/25/21	
Fluoranthene	900	370	94	1	02/02/21 23:34	1/25/21	
Fluorene	370 U	370	70	1	02/02/21 23:34	1/25/21	
Indeno(1,2,3-cd)pyrene	480	370	120	1	02/02/21 23:34	1/25/21	
Naphthalene	170 J	370	70	1	02/02/21 23:34	1/25/21	
Phenanthrene	420	370	53	1	02/02/21 23:34	1/25/21	
Pyrene	1100	370	62	1	02/02/21 23:34	1/25/21	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
2-Fluorobiphenyl	35	10 - 102	02/02/21 23:34	
Nitrobenzene-d5	30	10 - 95	02/02/21 23:34	
p-Terphenyl-d14	38	10 - 106	02/02/21 23:34	

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Analytical Report

Client: Leader Professional Services, Inc.
Project: Labelon/994.001
Sample Matrix: Soil

Service Request: R2100441
Date Collected: 01/14/21 15:50
Date Received: 01/15/21 11:20

Sample Name: SSEast-12-011421
Lab Code: R2100441-014

Units: ug/Kg
Basis: Dry

Semivolatile Organic Compounds by GC/MS using Microwave Digestion

Analysis Method: 8270D
Prep Method: EPA 3546

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
2-Methylnaphthalene	210 J	410	68	1	02/03/21 00:02	1/25/21	
Acenaphthene	410 U	410	78	1	02/03/21 00:02	1/25/21	
Acenaphthylene	410 U	410	83	1	02/03/21 00:02	1/25/21	
Anthracene	410 U	410	69	1	02/03/21 00:02	1/25/21	
Benz(a)anthracene	200 J	410	61	1	02/03/21 00:02	1/25/21	
Benzo(a)pyrene	250 J	410	110	1	02/03/21 00:02	1/25/21	
Benzo(b)fluoranthene	410 J	410	69	1	02/03/21 00:02	1/25/21	
Benzo(g,h,i)perylene	150 J	410	95	1	02/03/21 00:02	1/25/21	
Benzo(k)fluoranthene	110 J	410	67	1	02/03/21 00:02	1/25/21	
Chrysene	360 J	410	61	1	02/03/21 00:02	1/25/21	
Dibenz(a,h)anthracene	410 U	410	90	1	02/03/21 00:02	1/25/21	
Fluoranthene	280 J	410	110	1	02/03/21 00:02	1/25/21	
Fluorene	410 U	410	77	1	02/03/21 00:02	1/25/21	
Indeno(1,2,3-cd)pyrene	140 J	410	140	1	02/03/21 00:02	1/25/21	
Naphthalene	130 J	410	77	1	02/03/21 00:02	1/25/21	
Phenanthrene	360 J	410	58	1	02/03/21 00:02	1/25/21	
Pyrene	340 J	410	69	1	02/03/21 00:02	1/25/21	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
2-Fluorobiphenyl	35	10 - 102	02/03/21 00:02	
Nitrobenzene-d5	32	10 - 95	02/03/21 00:02	
p-Terphenyl-d14	39	10 - 106	02/03/21 00:02	

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Analytical Report

Client: Leader Professional Services, Inc.
Project: Labelon/994.001
Sample Matrix: Soil

Service Request: R2100441
Date Collected: 01/14/21 16:00
Date Received: 01/15/21 11:20

Sample Name: SSEast-24-011421
Lab Code: R2100441-015

Units: ug/Kg
Basis: Dry

Semivolatile Organic Compounds by GC/MS using Microwave Digestion

Analysis Method: 8270D
Prep Method: EPA 3546

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
2-Methylnaphthalene	340 U	340	57	1	02/03/21 00:30	1/25/21	
Acenaphthene	340 U	340	65	1	02/03/21 00:30	1/25/21	
Acenaphthylene	340 U	340	70	1	02/03/21 00:30	1/25/21	
Anthracene	340 U	340	58	1	02/03/21 00:30	1/25/21	
Benz(a)anthracene	150 J	340	52	1	02/03/21 00:30	1/25/21	
Benzo(a)pyrene	160 J	340	92	1	02/03/21 00:30	1/25/21	
Benzo(b)fluoranthene	200 J	340	58	1	02/03/21 00:30	1/25/21	
Benzo(g,h,i)perylene	84 J	340	79	1	02/03/21 00:30	1/25/21	
Benzo(k)fluoranthene	74 J	340	56	1	02/03/21 00:30	1/25/21	
Chrysene	170 J	340	51	1	02/03/21 00:30	1/25/21	
Dibenz(a,h)anthracene	340 U	340	75	1	02/03/21 00:30	1/25/21	
Fluoranthene	140 J	340	87	1	02/03/21 00:30	1/25/21	
Fluorene	340 U	340	65	1	02/03/21 00:30	1/25/21	
Indeno(1,2,3-cd)pyrene	340 U	340	120	1	02/03/21 00:30	1/25/21	
Naphthalene	340 U	340	65	1	02/03/21 00:30	1/25/21	
Phenanthrene	78 J	340	49	1	02/03/21 00:30	1/25/21	
Pyrene	170 J	340	58	1	02/03/21 00:30	1/25/21	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
2-Fluorobiphenyl	36	10 - 102	02/03/21 00:30	
Nitrobenzene-d5	30	10 - 95	02/03/21 00:30	
p-Terphenyl-d14	55	10 - 106	02/03/21 00:30	

ALS Group USA, Corp.
dba ALS Environmental

Analytical Report

Client: Leader Professional Services, Inc.
Project: Labelon/994.001
Sample Matrix: Soil

Service Request: R2100441
Date Collected: 01/14/21 13:50
Date Received: 01/15/21 11:20

Sample Name: SS03B-DUP-011421
Lab Code: R2100441-016

Units: ug/Kg
Basis: Dry

Semivolatile Organic Compounds by GC/MS using Microwave Digestion

Analysis Method: 8270D
Prep Method: EPA 3546

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
2-Methylnaphthalene	360 U	360	60	1	02/03/21 00:57	1/25/21	
Acenaphthene	360 U	360	69	1	02/03/21 00:57	1/25/21	
Acenaphthylene	360 U	360	74	1	02/03/21 00:57	1/25/21	
Anthracene	360 U	360	61	1	02/03/21 00:57	1/25/21	
Benz(a)anthracene	200 J	360	54	1	02/03/21 00:57	1/25/21	
Benzo(a)pyrene	250 J	360	97	1	02/03/21 00:57	1/25/21	
Benzo(b)fluoranthene	310 J	360	61	1	02/03/21 00:57	1/25/21	
Benzo(g,h,i)perylene	150 J	360	84	1	02/03/21 00:57	1/25/21	
Benzo(k)fluoranthene	110 J	360	59	1	02/03/21 00:57	1/25/21	
Chrysene	260 J	360	54	1	02/03/21 00:57	1/25/21	
Dibenz(a,h)anthracene	360 U	360	79	1	02/03/21 00:57	1/25/21	
Fluoranthene	380	360	91	1	02/03/21 00:57	1/25/21	
Fluorene	360 U	360	68	1	02/03/21 00:57	1/25/21	
Indeno(1,2,3-cd)pyrene	150 J	360	120	1	02/03/21 00:57	1/25/21	
Naphthalene	360 U	360	68	1	02/03/21 00:57	1/25/21	
Phenanthrene	150 J	360	52	1	02/03/21 00:57	1/25/21	
Pyrene	340 J	360	61	1	02/03/21 00:57	1/25/21	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
2-Fluorobiphenyl	43	10 - 102	02/03/21 00:57	
Nitrobenzene-d5	40	10 - 95	02/03/21 00:57	
p-Terphenyl-d14	47	10 - 106	02/03/21 00:57	



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Analytical Report

Client: Leader Professional Services, Inc.
Project: Labelon/994.001
Sample Matrix: Soil
Sample Name: SS03A-02-011421
Lab Code: R2100441-001

Service Request: R2100441
Date Collected: 01/14/21 13:00
Date Received: 01/15/21 11:20
Basis: As Received

Inorganic Parameters

Analyte Name	Analysis Method	Result	Units	MRL	Dil.	Date Analyzed	Q
Total Solids	ALS SOP	72.6	Percent	-	1	01/22/21 05:30	

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Analytical Report

Client: Leader Professional Services, Inc.
Project: Labelon/994.001
Sample Matrix: Soil
Sample Name: SS03A-12-011421
Lab Code: R2100441-002

Service Request: R2100441
Date Collected: 01/14/21 13:07
Date Received: 01/15/21 11:20
Basis: As Received

Inorganic Parameters

Analyte Name	Analysis Method	Result	Units	MRL	Dil.	Date Analyzed	Q
Total Solids	ALS SOP	86.4	Percent	-	1	01/22/21 05:30	

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Analytical Report

Client: Leader Professional Services, Inc.
Project: Labelon/994.001
Sample Matrix: Soil
Sample Name: SS03A-24-011421
Lab Code: R2100441-003

Service Request: R2100441
Date Collected: 01/14/21 13:20
Date Received: 01/15/21 11:20
Basis: As Received

Inorganic Parameters

Analyte Name	Analysis Method	Result	Units	MRL	Dil.	Date Analyzed	Q
Total Solids	ALS SOP	90.1	Percent	-	1	01/22/21 05:30	

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Analytical Report

Client: Leader Professional Services, Inc.
Project: Labelon/994.001
Sample Matrix: Soil
Sample Name: SS03B-02-011421
Lab Code: R2100441-004

Service Request: R2100441
Date Collected: 01/14/21 13:35
Date Received: 01/15/21 11:20
Basis: As Received

Inorganic Parameters

Analyte Name	Analysis Method	Result	Units	MRL	Dil.	Date Analyzed	Q
Total Solids	ALS SOP	82.1	Percent	-	1	01/22/21 05:30	

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Analytical Report

Client: Leader Professional Services, Inc.
Project: Labelon/994.001
Sample Matrix: Soil
Sample Name: SS03B-12-011421
Lab Code: R2100441-005

Service Request: R2100441
Date Collected: 01/14/21 13:50
Date Received: 01/15/21 11:20
Basis: As Received

Inorganic Parameters

Analyte Name	Analysis Method	Result	Units	MRL	Dil.	Date Analyzed	Q
Total Solids	ALS SOP	89.1	Percent	-	1	01/22/21 05:30	

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Analytical Report

Client: Leader Professional Services, Inc.
Project: Labelon/994.001
Sample Matrix: Soil
Sample Name: SS03B-24-011421
Lab Code: R2100441-006

Service Request: R2100441
Date Collected: 01/14/21 13:55
Date Received: 01/15/21 11:20
Basis: As Received

Inorganic Parameters

Analyte Name	Analysis Method	Result	Units	MRL	Dil.	Date Analyzed	Q
Total Solids	ALS SOP	93.6	Percent	-	1	01/22/21 05:30	

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Analytical Report

Client: Leader Professional Services, Inc.
Project: Labelon/994.001
Sample Matrix: Soil
Sample Name: SS03C-02-011421
Lab Code: R2100441-007

Service Request: R2100441
Date Collected: 01/14/21 14:05
Date Received: 01/15/21 11:20
Basis: As Received

Inorganic Parameters

Analyte Name	Analysis Method	Result	Units	MRL	Dil.	Date Analyzed	Q
Total Solids	ALS SOP	90.7	Percent	-	1	01/22/21 05:30	

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Analytical Report

Client: Leader Professional Services, Inc.
Project: Labelon/994.001
Sample Matrix: Soil
Sample Name: SS03C-12-011421
Lab Code: R2100441-008

Service Request: R2100441
Date Collected: 01/14/21 14:10
Date Received: 01/15/21 11:20
Basis: As Received

Inorganic Parameters

Analyte Name	Analysis Method	Result	Units	MRL	Dil.	Date Analyzed	Q
Total Solids	ALS SOP	84.9	Percent	-	1	01/22/21 05:30	

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Analytical Report

Client: Leader Professional Services, Inc.
Project: Labelon/994.001
Sample Matrix: Soil
Sample Name: SS03C-24-011421
Lab Code: R2100441-009

Service Request: R2100441
Date Collected: 01/14/21 14:42
Date Received: 01/15/21 11:20
Basis: As Received

Inorganic Parameters

Analyte Name	Analysis Method	Result	Units	MRL	Dil.	Date Analyzed	Q
Total Solids	ALS SOP	91.1	Percent	-	1	01/22/21 05:30	

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Analytical Report

Client: Leader Professional Services, Inc.
Project: Labelon/994.001
Sample Matrix: Soil
Sample Name: SS03D-02-011421
Lab Code: R2100441-010

Service Request: R2100441
Date Collected: 01/14/21 14:58
Date Received: 01/15/21 11:20
Basis: As Received

Inorganic Parameters

Analyte Name	Analysis Method	Result	Units	MRL	Dil.	Date Analyzed	Q
Total Solids	ALS SOP	88.5	Percent	-	1	01/22/21 05:30	

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Analytical Report

Client: Leader Professional Services, Inc.
Project: Labelon/994.001
Sample Matrix: Soil
Sample Name: SS03D-12-011421
Lab Code: R2100441-011

Service Request: R2100441
Date Collected: 01/14/21 15:05
Date Received: 01/15/21 11:20
Basis: As Received

Inorganic Parameters

Analyte Name	Analysis Method	Result	Units	MRL	Dil.	Date Analyzed	Q
Total Solids	ALS SOP	91.6	Percent	-	1	01/22/21 05:30	

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Analytical Report

Client: Leader Professional Services, Inc.
Project: Labelon/994.001
Sample Matrix: Soil
Sample Name: SS03D-24-011421
Lab Code: R2100441-012

Service Request: R2100441
Date Collected: 01/14/21 15:30
Date Received: 01/15/21 11:20
Basis: As Received

Inorganic Parameters

Analyte Name	Analysis Method	Result	Units	MRL	Dil.	Date Analyzed	Q
Total Solids	ALS SOP	93.8	Percent	-	1	01/22/21 05:30	

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Analytical Report

Client: Leader Professional Services, Inc.
Project: Labelon/994.001
Sample Matrix: Soil
Sample Name: SSEast-02-011421
Lab Code: R2100441-013

Service Request: R2100441
Date Collected: 01/14/21 15:45
Date Received: 01/15/21 11:20
Basis: As Received

Inorganic Parameters

Analyte Name	Analysis Method	Result	Units	MRL	Dil.	Date Analyzed	Q
Total Solids	ALS SOP	89.5	Percent	-	1	01/22/21 05:30	

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Analytical Report

Client: Leader Professional Services, Inc.
Project: Labelon/994.001
Sample Matrix: Soil
Sample Name: SSEast-12-011421
Lab Code: R2100441-014

Service Request: R2100441
Date Collected: 01/14/21 15:50
Date Received: 01/15/21 11:20
Basis: As Received

Inorganic Parameters

Analyte Name	Analysis Method	Result	Units	MRL	Dil.	Date Analyzed	Q
Total Solids	ALS SOP	81.7	Percent	-	1	01/22/21 05:30	

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Analytical Report

Client: Leader Professional Services, Inc.
Project: Labelon/994.001
Sample Matrix: Soil
Sample Name: SSEast-24-011421
Lab Code: R2100441-015

Service Request: R2100441
Date Collected: 01/14/21 16:00
Date Received: 01/15/21 11:20
Basis: As Received

Inorganic Parameters

Analyte Name	Analysis Method	Result	Units	MRL	Dil.	Date Analyzed	Q
Total Solids	ALS SOP	90.4	Percent	-	1	01/22/21 05:30	

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Analytical Report

Client: Leader Professional Services, Inc.
Project: Labelon/994.001
Sample Matrix: Soil
Sample Name: SS03B-DUP-011421
Lab Code: R2100441-016

Service Request: R2100441
Date Collected: 01/14/21 13:50
Date Received: 01/15/21 11:20
Basis: As Received

Inorganic Parameters

Analyte Name	Analysis Method	Result	Units	MRL	Dil.	Date Analyzed	Q
Total Solids	ALS SOP	89.4	Percent	-	1	01/22/21 05:30	



QC Summary Forms

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Semivolatile Organic Compounds by GC/MS

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QA/QC Report

Client: Leader Professional Services, Inc.
Project: Labelon/994.001
Sample Matrix: Soil

Service Request: R2100441

SURROGATE RECOVERY SUMMARY

Semivolatile Organic Compounds by GC/MS using Microwave Digestion

Analysis Method: 8270D
Extraction Method: EPA 3546

Sample Name	Lab Code	2-Fluorobiphenyl	Nitrobenzene-d5	p-Terphenyl-d14
		10-102	10-95	10-106
Method Blank	RQ2100726-03	65	60	51
Lab Control Sample	RQ2100726-04	62	56	51
Duplicate Lab Control Sample	RQ2100726-05	64	59	55
SS03B-12-011421 MS	RQ2100726-01	49	50	49
SS03B-12-011421 DMS	RQ2100726-02	46	44	50
SS03A-02-011421	R2100441-001	30	25	36
SS03A-12-011421	R2100441-002	39	33	46
SS03A-24-011421	R2100441-003	37	34	39
SS03B-02-011421	R2100441-004	45	41	43
SS03B-12-011421	R2100441-005	43	37	46
SS03B-24-011421	R2100441-006	42	42	50
SS03C-02-011421	R2100441-007	36	36	40
SS03C-12-011421	R2100441-008	32	30	37
SS03C-24-011421	R2100441-009	47	45	48
SS03D-02-011421	R2100441-010	42	40	44
SS03D-12-011421	R2100441-011	39	38	46
SS03D-24-011421	R2100441-012	44	41	57
SSEast-02-011421	R2100441-013	35	30	38
SSEast-12-011421	R2100441-014	35	32	39
SSEast-24-011421	R2100441-015	36	30	55
SS03B-DUP-011421	R2100441-016	43	40	47

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QA/QC Report

Client: Leader Professional Services, Inc.
Project: Labelon/994.001
Sample Matrix: Soil

Service Request: R2100441
Date Collected: 01/14/21
Date Received: 01/15/21
Date Analyzed: 01/27/21
Date Extracted: 01/25/21

Duplicate Matrix Spike Summary
Semivolatile Organic Compounds by GC/MS using Microwave Digestion

Sample Name: SS03B-12-011421 **Units:** ug/Kg
Lab Code: R2100441-005 **Basis:** Dry
Analysis Method: 8270D
Prep Method: EPA 3541

Analyte Name	Matrix Spike RQ2100726-01				Duplicate Matrix Spike RQ2100726-02				% Rec Limits	RPD	RPD Limit
	Sample Result	Result	Spike Amount	% Rec	Result	Spike Amount	% Rec				
2-Methylnaphthalene	360 U	1860	3610	52	1790	3800	47	10-90	4	30	
Acenaphthene	360 U	1850	3610	51	1840	3800	48	10-100	<1	30	
Acenaphthylene	360 U	2000	3610	55	1960	3800	51	10-102	2	30	
Anthracene	64 J	2180	3610	59	2260	3800	58	10-129	4	30	
Benz(a)anthracene	320 J	2630	3610	64	2730	3800	63	10-122	4	30	
Benzo(a)pyrene	370	3060	3610	75	3180	3800	74	10-122	4	30	
Benzo(b)fluoranthene	470	2590	3610	59	2730	3800	59	10-112	5	30	
Benzo(g,h,i)perylene	250 J	2480	3610	62	2610	3800	62	10-136	5	30	
Benzo(k)fluoranthene	160 J	2540	3610	66	2680	3800	66	10-112	5	30	
Chrysene	390	2800	3610	67	2850	3800	65	10-113	2	30	
Dibenz(a,h)anthracene	360 U	2310	3610	64	2360	3800	62	10-130	2	30	
Fluoranthene	590	2880	3610	63	2910	3800	61	10-125	<1	30	
Fluorene	360 U	1870	3610	52	1880	3800	49	10-109	<1	30	
Indeno(1,2,3-cd)pyrene	240 J	2430	3610	61	2530	3800	60	10-124	4	30	
Naphthalene	360 U	1840	3610	51	1790	3800	47	10-89	3	30	
Phenanthrene	250 J	2260	3610	56	2290	3800	54	10-137	1	30	
Pyrene	560	3070	3610	69	3200	3800	69	10-118	4	30	

Results flagged with an asterisk (*) indicate values outside control criteria.

Results flagged with a pound (#) indicate the control criteria is not applicable.

Percent recoveries and relative percent differences (RPD) are determined by the software using values in the calculation which have not been rounded.

Matrix Spike and Matrix Spike Duplicate Data is presented for information purposes only. The matrix may or may not be relevant to samples reported in this report. The laboratory evaluates system performance based on the LCS and LCSD control limits.

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Analytical Report

Client: Leader Professional Services, Inc.
Project: Labelon/994.001
Sample Matrix: Soil

Service Request: R2100441
Date Collected: NA
Date Received: NA

Sample Name: Method Blank
Lab Code: RQ2100726-03

Units: ug/Kg
Basis: Dry

Semivolatile Organic Compounds by GC/MS using Microwave Digestion

Analysis Method: 8270D
Prep Method: EPA 3541

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
2-Methylnaphthalene	320 U	320	55	1	01/27/21 16:51	1/25/21	
Acenaphthene	320 U	320	63	1	01/27/21 16:51	1/25/21	
Acenaphthylene	320 U	320	67	1	01/27/21 16:51	1/25/21	
Anthracene	320 U	320	55	1	01/27/21 16:51	1/25/21	
Benz(a)anthracene	320 U	320	49	1	01/27/21 16:51	1/25/21	
Benzo(a)pyrene	320 U	320	88	1	01/27/21 16:51	1/25/21	
Benzo(b)fluoranthene	320 U	320	55	1	01/27/21 16:51	1/25/21	
Benzo(g,h,i)perylene	320 U	320	76	1	01/27/21 16:51	1/25/21	
Benzo(k)fluoranthene	320 U	320	54	1	01/27/21 16:51	1/25/21	
Chrysene	320 U	320	49	1	01/27/21 16:51	1/25/21	
Dibenz(a,h)anthracene	320 U	320	72	1	01/27/21 16:51	1/25/21	
Fluoranthene	320 U	320	83	1	01/27/21 16:51	1/25/21	
Fluorene	320 U	320	62	1	01/27/21 16:51	1/25/21	
Indeno(1,2,3-cd)pyrene	320 U	320	110	1	01/27/21 16:51	1/25/21	
Naphthalene	320 U	320	62	1	01/27/21 16:51	1/25/21	
Phenanthrene	320 U	320	47	1	01/27/21 16:51	1/25/21	
Pyrene	320 U	320	55	1	01/27/21 16:51	1/25/21	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
2-Fluorobiphenyl	65	10 - 102	01/27/21 16:51	
Nitrobenzene-d5	60	10 - 95	01/27/21 16:51	
p-Terphenyl-d14	51	10 - 106	01/27/21 16:51	

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QA/QC Report

Client: Leader Professional Services, Inc.
Project: Labelon/994.001
Sample Matrix: Soil

Service Request: R2100441
Date Analyzed: 01/27/21

Duplicate Lab Control Sample Summary
Semivolatile Organic Compounds by GC/MS using Microwave Digestion

Units:ug/Kg
Basis:Dry

Analyte Name	Lab Control Sample RQ2100726-04				Duplicate Lab Control Sample RQ2100726-05				RPD	RPD Limit
	Analytical Method	Result	Spike Amount	% Rec	Result	Spike Amount	% Rec	% Rec Limits		
2-Methylnaphthalene	8270D	2010	3320	61	2010	3220	63	21-83	<1	30
Acenaphthene	8270D	2160	3320	65	2120	3220	66	25-92	2	30
Acenaphthylene	8270D	2220	3320	67	2250	3220	70	27-93	1	30
Anthracene	8270D	2390	3320	72	2470	3220	77	32-106	3	30
Benz(a)anthracene	8270D	2390	3320	72	2410	3220	75	33-109	<1	30
Benzo(a)pyrene	8270D	3050	3320	92	3050	3220	95	34-115	<1	30
Benzo(b)fluoranthene	8270D	2500	3320	75	2460	3220	76	31-107	1	30
Benzo(g,h,i)perylene	8270D	2820	3320	85	2790	3220	86	30-127	1	30
Benzo(k)fluoranthene	8270D	2600	3320	78	2570	3220	80	34-111	<1	30
Chrysene	8270D	2560	3320	77	2570	3220	80	34-108	<1	30
Dibenz(a,h)anthracene	8270D	2490	3320	75	2490	3220	77	23-122	<1	30
Fluoranthene	8270D	2420	3320	73	2490	3220	77	34-111	3	30
Fluorene	8270D	2160	3320	65	2120	3220	66	27-95	2	30
Indeno(1,2,3-cd)pyrene	8270D	2580	3320	78	2590	3220	80	33-121	<1	30
Naphthalene	8270D	1940	3320	58	1970	3220	61	18-81	1	30
Phenanthrene	8270D	2280	3320	69	2330	3220	72	33-103	2	30
Pyrene	8270D	2640	3320	79	2670	3220	83	33-111	1	30



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QA/QC Report

Client: Leader Professional Services, Inc.
Project: Labelon/994.001
Sample Matrix: Soil

Service Request: R2100441
Date Collected: 01/14/21
Date Received: 01/15/21
Date Analyzed: 01/22/21

Replicate Sample Summary
General Chemistry Parameters

Sample Name: SS03B-12-011421
Lab Code: R2100441-005

Units: Percent
Basis: As Received

<u>Analyte Name</u>	<u>Analysis Method</u>	<u>MRL</u>	<u>Sample Result</u>	<u>Duplicate Sample R2100441-005DUP Result</u>	<u>Average</u>	<u>RPD</u>	<u>RPD Limit</u>
Total Solids	ALS SOP	-	89.1	88.6	88.8	<1	20

Results flagged with an asterisk (*) indicate values outside control criteria.

Results flagged with a pound (#) indicate the control criteria is not applicable.

Percent recoveries and relative percent differences (RPD) are determined by the software using values in the calculation which have not been rounded.

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QA/QC Report

Client: Leader Professional Services, Inc.
Project Labelon/994.001
Sample Matrix: Soil

Service Request: R2100441
Date Collected: 01/14/21
Date Received: 01/15/21
Date Analyzed: 01/22/21

Replicate Sample Summary
General Chemistry Parameters

Sample Name: SS03B-DUP-011421
Lab Code: R2100441-016

Units: Percent
Basis: As Received

<u>Analyte Name</u>	<u>Analysis Method</u>	<u>MRL</u>	<u>Sample Result</u>	<u>Duplicate Sample R2100441-016DUP Result</u>	<u>Average</u>	<u>RPD</u>	<u>RPD Limit</u>
Total Solids	ALS SOP	-	89.4	90.9	90.1	2	20

Results flagged with an asterisk (*) indicate values outside control criteria.

Results flagged with a pound (#) indicate the control criteria is not applicable.

Percent recoveries and relative percent differences (RPD) are determined by the software using values in the calculation which have not been rounded.

Appendix B

January 2020 Data Usability Summary Report



**Data Usability Summary Report
January 2021
Former Labelon Corp. (LPSI 994.001)
Canandaigua, New York
MEHC Project No. 14-223**

DATA USABILITY

The Quality Assurance Project Plan (“QAPP”) was prepared for this project by Ravi Engineering and Land Surveying, P.C. The QAPP presents the policies, organization, objectives, functional activities, and specific Quality Assurance (“QA”) and Quality Control (“QC”) measures designed to achieve the data quality goals associated with this investigation. The QAPP identifies procedures for sample preparation and handling, sample chain-of-custody, laboratory analyses, and reporting that were implemented during this investigation to ensure the accuracy and integrity of the data generated during the investigation.

Leader Professional Services, Inc. (“LPSI”) is conducting the remedial activities at the Former Labelon Corp. (“Site”), located in Canandaigua New York.

DATA SUMMARY

The Data Usability Review and Data Validation Compliance Chart has been completed for the laboratory deliverable packages generated by ALS Laboratories (“ALS”), pertaining to soil and groundwater samples collected at the Site on January 14, 2021. A total of sixteen (16) soil samples and six (6) monitoring wells plus a Trip Blank were sampled during the January 2021 sampling event as part of 6 NYCRR Part 375, Environmental Remediation Programs. The following USEPA Methodologies were used to analyze these samples for the following analytes:

Semi-Volatile Organic Compounds (“SVOCs”)	USEPA Method 8270
Volatile Organic Compounds (“VOCs”)	USEPA Method 8260

Method blank, field duplicate, surrogates, internal standards, reference samples, matrix spikes, and matrix spike duplicates were included and processed.

Samples were collected and received on the following schedule:

Sample Package ID	Date Collected	Date Received by ALS	Sample Matrix	Requested Analyses	Sample Temperature (°C)
R2100440	01/14/2021	01/15/2021 ALS Rochester	Water	VOCs 8260	9.4°C 10.6°C
R2100441	01/14/2021	01/15/2021 ALS Rochester	Soil	VOCs 8270	9.4°C 10.6°C

Data usability and validation was performed with guidance from the most current editions of the USEPA CLP National Functional Guidelines for Inorganic and Organic Data Review. The following items were reviewed:

- Data Completeness.
- Custody Documentation.
- Holding Times.
- Sample Blanks Review.
- Field Duplicate Samples.
- Matrix Spike Samples and Duplicates, and
- Control Spike/Laboratory Control Samples.

Those items showing deficiencies, if any, are discussed in the attached Data Validation Compliance Chart. All others were found to be acceptable as outlined in the above-mentioned usability procedures, and as applicable for the methodology. Unless noted specifically in the following text, reported results are substantiated by the reported data, and generated in compliance with protocol requirements.

The soil and groundwater sample, handling, and processing was conducted with compliance to protocol requirements and with adherence to quality criteria and the reported results are considered “usable” but estimated due to the exceedance of the cooler temperature upon receipt to the laboratory.

The Data Validation Compliance Chart is also included with this report.

CUSTODY DOCUMENTATION

Chain of Custody (“COC”) forms are used to document the history of sample possession from the time the sample containers leave their point of origin (usually the laboratory performing the analyses) to the time the samples are received by the laboratory. COCs are considered legal documents.

The laboratory report, R2100440, associated with the seven (7) water samples, including a Trip Blank, collected on January 14, 2021. Water samples were collected from the following Monitoring Wells (“MW”):

- | | |
|-------------------|-----------|
| 1. MW RW-1-011421 | 8260 VOCs |
| 2. MW 201S-011421 | 8260 VOCs |
| 3. MW 201D-011421 | 8260 VOCs |
| 4. MW 202S-011421 | 8260 VOCs |
| 5. MW 202D-011421 | 8260 VOCs |
| 6. MW 204D-011421 | 8260 VOCs |
| 7. Trip Blank | 8260 VOCs |

The laboratory report, R2100441, associated with the sixteen (16) soil samples, including quality control samples, collected on January 14, 2021. Soil samples were collected from the following locations and depths:

- | | |
|--------------------|-----------|
| 1. SS03A-02-011421 | 8270 PAHs |
| 2. SS03A-12-011421 | 8270 PAHs |
| 3. SS03A-24-011421 | 8270 PAHs |
| 4. SS03B-02-011421 | 8270 PAHs |
| 5. SS03B-12-011421 | 8270 PAHs |
| 6. SS03B-24-011421 | 8270 PAHs |
| 7. SS03C-02-011421 | 8270 PAHs |

8. SS03C-12-011421	8270 PAHs
9. SS03C-24-011421	8270 PAHs
10. SS03D-02-011421	8270 PAHs
11. SS03D-12-011421	8270 PAHs
12. SS03D-24-011421	8270 PAHs
13. SS03East-02-011421	8270 PAHs
14. SS03East-12-011421	8270 PAHs
15. SS03East-24-011421	8270 PAHs
16. SS03B – Dup/MS/MDS	8270 PAHs

Sample SS03B was collected in duplicate as well as the Matrix Spike (MS) and Matrix Spike Duplicate (MSD), as noted above.

The Chain of Custody (“COC”) documents the sample collection efforts. There were no discrepancies on the COC.

PRESERVATION AND TECHNICAL HOLDING TIMES

The cooler temperature was 9.4°C and 10.6°C (average of 10.0°C), above the 6.0°C limit. In discussions with the Leader Project Manager, the samples were collected and placed in a refrigerator overnight at less than 6C. The samples were then removed from the refrigerator and placed in coolers with bagged ice. The temperature of receipt averaged 10°C, therefore detections are flagged as estimated J- and non-detects are considered estimated UJ.

The samples were collected on January 14, 2021 and were extracted and/or analyzed within the required holding times. All sample holding times were met.

ACCURACY, PRECISION, AND SENSITIVITY OF ANALYSES

The fundamental QA objective with respect to the accuracy, precision, and sensitivity of analytical data is to achieve the QC acceptance of each analytical protocol. Accuracy and precision are determined using matrix spike (“MS”) and matrix spike duplicate (“MSD”) samples.

Accuracy is a measure of the difference of a set of analytical results to the accepted or expected values. Accuracy was assessed by using the MS/MSD and surrogate spike recovery data.

Recovery values were reported within the QC limits for each analytical parameter group.

Precision is a measure of the mutual agreement between measurements of the same parameter.

The sample results for the Site are considered “usable”.

COMPLETENESS, REPRESENTATIVENESS, AND COMPARABILITY OF DATA

Completeness is the measure of the amount of valid data obtained from a measurement system compared with the amount expected to be obtained under normal conditions. Review of the analytical data packages provided by ALS indicates that the requested parameters were analyzed for and reported by the laboratory for each sample submitted under proper chain-of-custody procedures. Based upon MEHC’s review of the laboratory data, a usable data level was achieved.

Representativeness of the data is obtained through the design of the sampling program and the adherence to established sample collection procedures, sample-handling SOPs, and analytical procedures. The sampling program outlined in the Remedial Action Work Plan was designed to provide for data representative of site conditions taking into consideration past disposal practices,

existing data from past studies, and the physical site setting. Collection of the soil and groundwater samples were conducted in accordance with established industry and regulatory protocols.

The laboratory maintained all holding times for the specific analytical protocols.

Comparability of the data is derived from the evaluation of field duplicate samples and the adherence to established sampling and analytical procedures. A field duplicate is an independent sample collected as close as possible to the original location from the same sampling point. All of the soil and groundwater samples were analyzed utilizing standardized USEPA methodologies performed in accordance with the latest version of the NYSDEC ASP protocols.

QUALITY CONTROL CHECKS

Trip Blanks

Trip blanks consist of an aliquot of distilled water sealed in a sample bottle, prepared by the analytical laboratory prior to providing the sample bottles.

A Trip blank was included with the shipment of the groundwater samples only.

Field (Equipment) Blanks

Dedicated sampling equipment was utilized for the collection of each soil and monitoring well sample. A field (equipment) blank was NOT collected as part of this project.

Method Blanks

A method blank is a sample of reagent water, which is carried through the analytical procedure alongside the project samples to determine the level of laboratory background and reagent contamination.

For this investigation, a method blank was analyzed alongside the soil and groundwater samples collected on January 14, 2021. There were no PAHs or VOCs detected, above the Method Reporting Limit, in the Method Blank sample.

Matrix Spike/Matrix Spike Duplicate Samples

For the Site, SS03B (soil) was analyzed for Matrix Spike and Matrix Spike Duplicate. The sample results are considered acceptable and were within the control limits.

These results are detailed in the Data Validation Compliance Chart.

Surrogate Analyses

Surrogates are compounds added directly to every standard, blank, MS/MSD, and sample at a known concentration, prior to extraction or analysis; and used to evaluate the analytical efficiency by measuring percent recovery of those compounds upon analysis.

The laboratory reported surrogate recoveries were within established QC limits for each SDG.

OVERALL ASSESSMENT

As was determined by this evaluation, the laboratory followed the specified analytical methods. Accuracy was acceptable as demonstrated by the surrogate, laboratory control sample/laboratory control samples (LCS), and MS/MSD, % Recovery values, with the exceptions noted in the above narrative (if any).

The sample results for the Site, as qualified, are considered acceptable for use.

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February 17, 2021

**Data Validation Compliance Chart
Former Labelon Corp.
Canandaigua, New York**

January 14, 2021 Sampling Event

Sample Data Group (SDG)	R2100440
Matrix	Ground Water
Analysis	VOCs 8260
Holding Times	Samples were extracted and analyzed within USEPA holding times. The samples were collected on January 14, 2021 and analyzed on January 27 and January 28, 2021
Sample Preservation	The sample were collected in accordance with laboratory protocols. However, the cooler temperature was above the 6.0°C limit. The detections are flagged as estimated J- and non-detects are considered estimated UJ.
Calibration	The lower control limit was exceeded for one or more analytes in the Continuing Calibration Verification (CCV). The field samples analyzed in this sequence did not contain the analyte(s) in question above the Method Reporting Limit (MRL). The data quality was not significantly affected, and no further corrective action was taken. All other data quality objectives were satisfied.
Method Blanks	All data quality objectives were satisfied.
Detection Limits	All data quality objectives were satisfied.
Matrix Spike/Matrix Spike Duplicate	All data quality objectives were satisfied.
Surrogates	All data quality objectives were satisfied.
Internal Standards	All data quality objectives were satisfied.

**Data Validation Compliance Chart
Former Labelon Corp.
Canandaigua, New York**

January 14, 2021 Sampling Event

Sample Data Group (SDG)	R2100440
Matrix	Ground Water
Analysis	VOCs 8260
Reference Sample	<p>The upper control criterion was exceeded in the Laboratory Control Samples for 1,1-dichloroethylene and trans-1,2-dichloroethylene. There were no detections of the analytes above the MRL in the associated field samples. The error associated with elevated recovery equates to a high bias. The data was not significantly affected, and no further corrective action was appropriate.</p> <p>All other laboratory internal quality control samples were within acceptable ranges.</p>
Data Usability	Data is acceptable for use with the noted qualifications for the cooler temperature.

Data Validation Compliance Chart
Former Labelon Corp.
Canandaigua, New York
January 14, 2021 Sampling Event

Sample Data Group (SDG)	R2100441
Matrix	Soil
Analysis	8270 PAHs
Holding Times	Samples were extracted and analyzed within USEPA holding times. The samples were collected on January 14, 2021 and extracted by January 25, 2021.
Sample Preservation	The sample were collected in accordance with laboratory protocols. However, the cooler temperature was above the 6.0°C limit. The detections are flagged as estimated J- and non-detects are considered estimated UJ.
Calibration	All data quality objectives were satisfied.
Method Blanks	All data quality objectives were satisfied.
Detection Limits	All data quality objectives were satisfied.
Matrix Spike/Matrix Spike Duplicate	All data quality objectives were satisfied.
Surrogates	All data quality objectives were satisfied.
Internal Standards	All data quality objectives were satisfied.
Reference Sample	All laboratory internal quality control samples were within acceptable ranges.
Data Usability	Data is acceptable for use with the noted qualifications for the cooler temperature.