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Appendix B:

Community Air Monitoring Data



959 US-46 Floor 3, Suite 300 - Parsippany-Troy Hills, NJ

DAILY AIR MONITORING REPORT

136-140 Croton Avenue

Ossining, New York

09/12/2023

Rev. No. 0

Page 1 of 2

Project Number: 12060

Dust Action Level

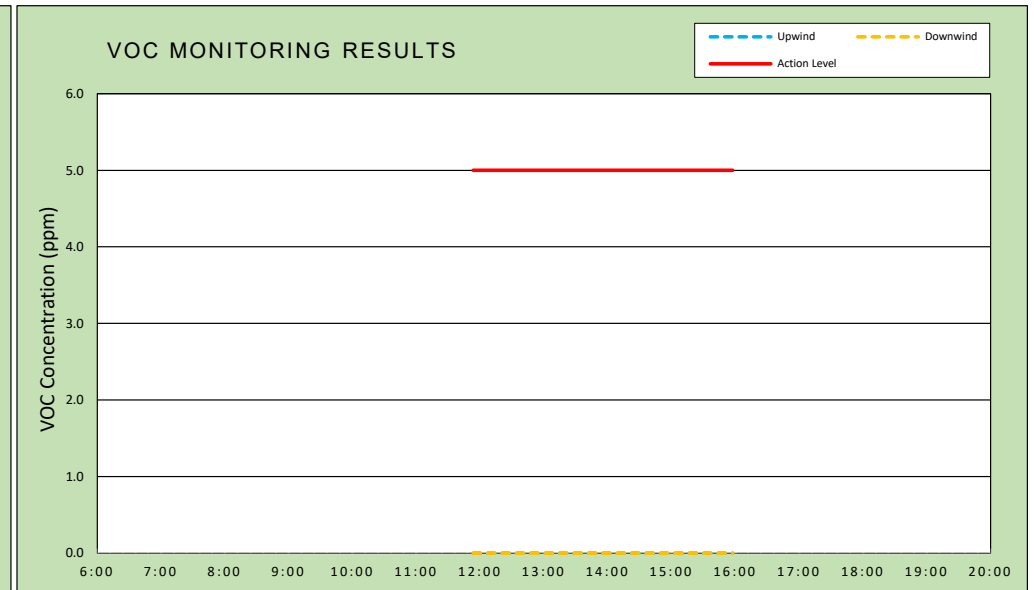
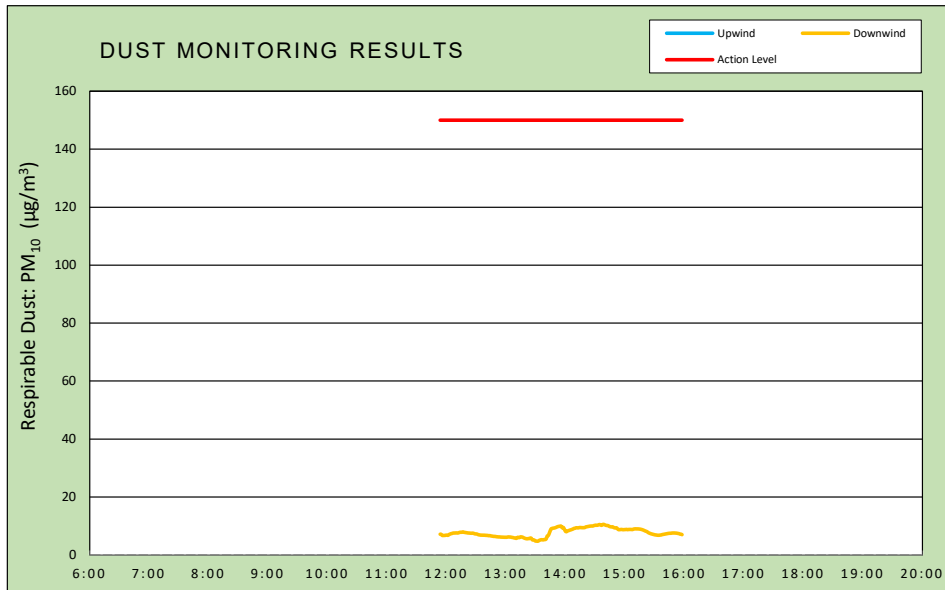
150 $\mu\text{g}/\text{m}^3$

VOC Action Level

5 ppm

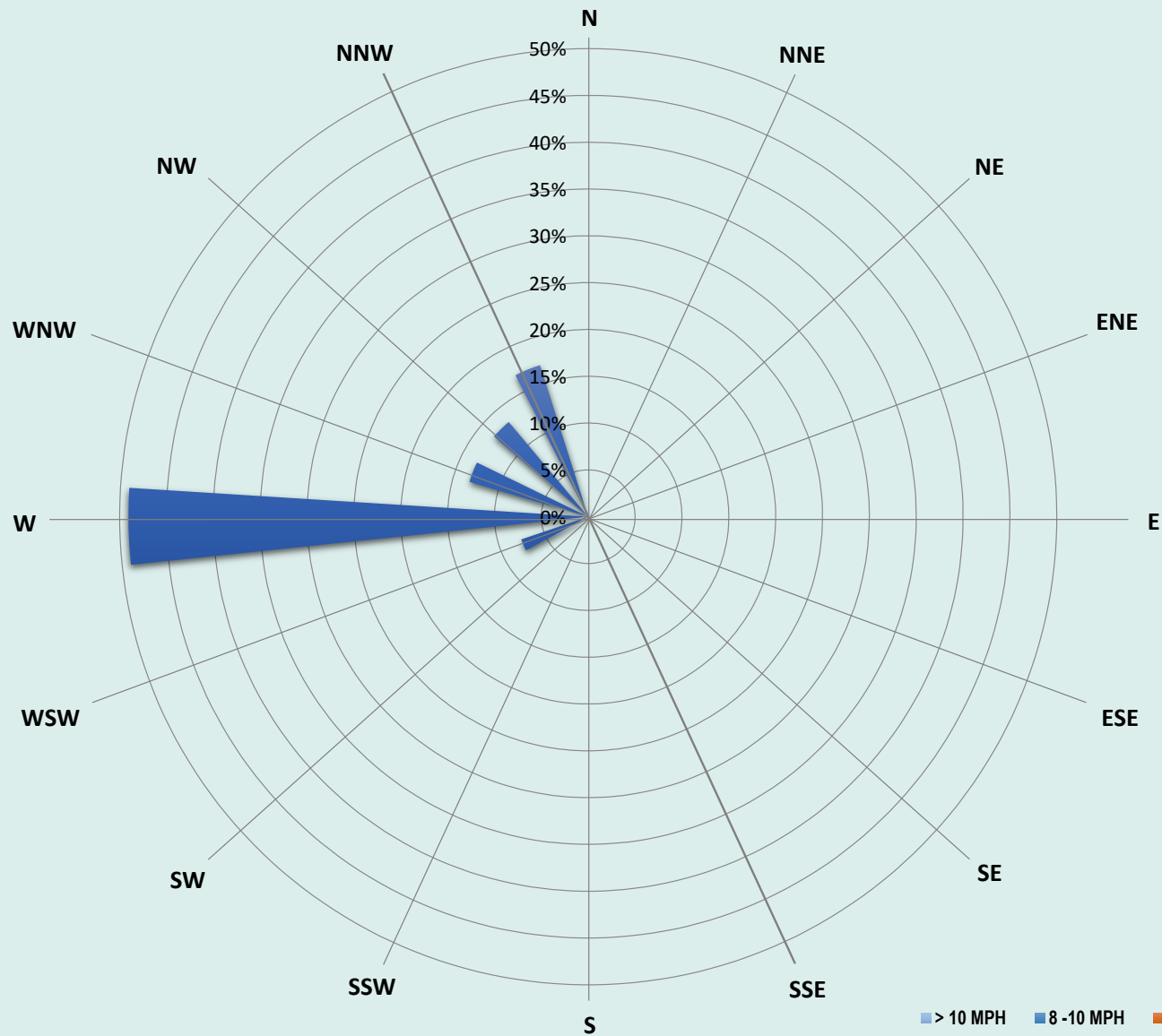
Weather Data Range for Work Day		Wind Direction	W	Relative Humidity (%)	62.0 - 86.0	Daily Rain Total (in)	0.00	Readings in the summary table and graphs below are the reported downwind concentrations.
Temperature (°F)	73.0 - 82.0	Wind Speed (MPH)	1.1 - 1.7	Barometer (inHg)	30.00 - 30.00	Avg. Dew Point Temp (°F)	67.7	

Station Location	Daily Avg. Dust Concentration ($\mu\text{g}/\text{m}^3$)	Max 15-Min Dust Concentration ($\mu\text{g}/\text{m}^3$)	Time of Max Dust Reading	Daily Avg. VOC Concentration (ppm)	Max 15-Min VOC Concentration (ppm)	Time of Max VOC Reading
Upwind	-173.2	-171.2	15:21	0.0	0.0	11:54
Downwind	7.7	10.6	14:39	0.0	0.0	11:54



Air Monitoring Notes:

Weather Notes:



SESI - Croton Ave
Air Monitoring
09/12/23
Wind Speed & Direction
Daily Readings

CAMP Data
Sun Valley Nursery Filling Station Site
Ossining, New York
BCP No C360207
September 12, 2023

Monday, October 23, 2023						
Number of Instances Where Downwind Particulates Exceeds Upwind Particulate + 150 =						0
Number of Comparable Data Points =						245
Start Time:						11:39
End Time:						15:58
PARTICULATE DATA						
Upwind			Downwind			Exceeds Particulate Alarm Limit
Time	Concentration (ug/m ³)	15-Min Avg Concentration (ug/m ³)	Time	Concentration (ug/m ³)	15-Min Avg Concentration (ug/m ³)	
11:39	-118.3	-	11:39	7.0	-	-
11:40	-177.3	-	11:40	7.5	-	-
11:41	-177.3	-	11:41	12.5	-	-
11:42	-177.0	-	11:42	7.0	-	-
11:43	-177.5	-	11:43	6.5	-	-
11:44	-175.8	-	11:44	6.5	-	-
11:45	-177.3	-	11:45	6.0	-	-
11:46	-176.5	-	11:46	7.5	-	-
11:47	-175.8	-	11:47	7.8	-	-
11:48	-176.8	-	11:48	6.8	-	-
11:49	-176.5	-	11:49	6.0	-	-
11:50	-176.3	-	11:50	6.8	-	-
11:51	-176.3	-	11:51	7.0	-	-
11:52	-176.5	-	11:52	6.0	-	-
11:53	-176.8	-	11:53	6.8	-	-
11:54	-177.0	-176.7	11:54	7.0	7.2	-
11:55	-177.0	-176.7	11:55	7.0	7.1	-
11:56	-177.5	-176.7	11:56	7.0	6.8	-
11:57	-176.8	-176.7	11:57	6.5	6.7	-
11:58	-177.5	-176.7	11:58	6.8	6.8	-
11:59	-177.3	-176.8	11:59	6.8	6.8	-
12:00	-176.8	-176.7	12:00	7.3	6.9	-
12:01	-171.8	-176.4	12:01	7.3	6.8	-
12:02	-176.8	-176.5	12:02	7.3	6.8	-
12:03	-174.0	-176.3	12:03	10.8	7.1	-
12:04	-177.3	-176.4	12:04	8.3	7.2	-
12:05	-177.0	-176.4	12:05	8.8	7.4	-
12:06	-176.0	-176.4	12:06	8.3	7.4	-
12:07	-176.3	-176.4	12:07	7.8	7.6	-
12:08	-176.5	-176.4	12:08	7.3	7.6	-
12:09	-175.8	-176.3	12:09	7.0	7.6	-
12:10	-176.0	-176.2	12:10	7.5	7.6	-
12:11	-176.8	-176.2	12:11	6.8	7.6	-
12:12	-176.3	-176.1	12:12	6.5	7.6	-
12:13	-176.3	-176.0	12:13	8.5	7.7	-
12:14	-176.0	-176.0	12:14	8.3	7.8	-
12:15	-175.5	-175.9	12:15	7.8	7.9	-
12:16	-176.0	-176.2	12:16	7.3	7.9	-
12:17	-175.8	-176.1	12:17	9.0	8.0	-
12:18	-175.3	-176.2	12:18	8.8	7.8	-

CAMP Data
Sun Valley Nursery Filling Station Site
Ossining, New York
BCP No C360207
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PARTICULATE DATA						
Upwind			Downwind			Exceeds Particulate Alarm Limit
Time	Concentration (ug/m ³)	15-Min Avg Concentration (ug/m ³)	Time	Concentration (ug/m ³)	15-Min Avg Concentration (ug/m ³)	
12:19	-176.5	-176.1	12:19	7.5	7.8	-
12:20	-175.5	-176.0	12:20	7.8	7.7	-
12:21	-175.3	-176.0	12:21	7.5	7.7	-
12:22	-175.8	-175.9	12:22	6.8	7.6	-
12:23	-176.0	-175.9	12:23	7.0	7.6	-
12:24	-176.5	-176.0	12:24	6.5	7.6	-
12:25	-175.5	-175.9	12:25	7.0	7.5	-
12:26	-176.0	-175.9	12:26	6.8	7.5	-
12:27	-175.3	-175.8	12:27	6.8	7.5	-
12:28	-175.8	-175.8	12:28	7.0	7.4	-
12:29	-175.0	-175.7	12:29	6.3	7.3	-
12:30	-175.3	-175.7	12:30	7.3	7.3	-
12:31	-174.5	-175.6	12:31	6.8	7.2	-
12:32	-175.0	-175.5	12:32	6.8	7.1	-
12:33	-175.0	-175.5	12:33	7.0	7.0	-
12:34	-174.3	-175.4	12:34	6.8	6.9	-
12:35	-173.5	-175.2	12:35	6.8	6.9	-
12:36	-174.0	-175.2	12:36	7.5	6.9	-
12:37	-174.5	-175.1	12:37	6.5	6.8	-
12:38	-174.3	-175.0	12:38	7.0	6.8	-
12:39	-174.3	-174.8	12:39	6.3	6.8	-
12:40	-174.3	-174.7	12:40	6.5	6.8	-
12:41	-173.5	-174.6	12:41	6.5	6.8	-
12:42	-174.0	-174.5	12:42	6.3	6.7	-
12:43	-174.3	-174.4	12:43	6.0	6.7	-
12:44	-174.8	-174.4	12:44	6.5	6.7	-
12:45	-174.5	-174.3	12:45	6.0	6.6	-
12:46	-175.0	-174.3	12:46	5.8	6.5	-
12:47	-175.0	-174.3	12:47	6.0	6.5	-
12:48	-175.0	-174.3	12:48	6.0	6.4	-
12:49	-174.3	-174.3	12:49	6.8	6.4	-
12:50	-173.8	-174.4	12:50	6.0	6.4	-
12:51	-174.5	-174.4	12:51	6.5	6.3	-
12:52	-174.0	-174.4	12:52	6.0	6.3	-
12:53	-173.8	-174.3	12:53	6.5	6.2	-
12:54	-173.5	-174.3	12:54	6.3	6.2	-
12:55	-173.8	-174.2	12:55	5.8	6.2	-
12:56	-174.0	-174.3	12:56	6.3	6.2	-
12:57	-173.5	-174.2	12:57	6.0	6.2	-
12:58	-173.8	-174.2	12:58	5.8	6.1	-
12:59	-173.5	-174.1	12:59	6.3	6.1	-
13:00	-173.5	-174.1	13:00	6.0	6.1	-
13:01	-173.8	-174.0	13:01	5.8	6.1	-
13:02	-174.3	-173.9	13:02	7.0	6.2	-
13:03	-174.5	-173.9	13:03	6.8	6.2	-
13:04	-174.0	-173.9	13:04	6.3	6.2	-
13:05	-174.5	-173.9	13:05	5.8	6.2	-

CAMP Data
Sun Valley Nursery Filling Station Site
Ossining, New York
BCP No C360207
September 12, 2023

PARTICULATE DATA						
Upwind			Downwind			Exceeds Particulate Alarm Limit
Time	Concentration (ug/m ³)	15-Min Avg Concentration (ug/m ³)	Time	Concentration (ug/m ³)	15-Min Avg Concentration (ug/m ³)	
13:06	-174.0	-173.9	13:06	5.3	6.1	-
13:07	-174.0	-173.9	13:07	5.3	6.1	-
13:08	-173.8	-173.9	13:08	5.3	6.0	-
13:09	-173.8	-173.9	13:09	4.8	5.9	-
13:10	-172.8	-173.8	13:10	5.0	5.8	-
13:11	-173.8	-173.8	13:11	5.0	5.7	-
13:12	-173.3	-173.8	13:12	11.3	6.1	-
13:13	-173.8	-173.8	13:13	5.3	6.1	-
13:14	-173.8	-173.8	13:14	5.5	6.0	-
13:15	-173.5	-173.8	13:15	9.8	6.3	-
13:16	-173.5	-173.8	13:16	5.3	6.2	-
13:17	-174.0	-173.8	13:17	6.3	6.2	-
13:18	-174.0	-173.8	13:18	4.0	6.0	-
13:19	-172.8	-173.7	13:19	3.8	5.8	-
13:20	-173.3	-173.6	13:20	4.0	5.7	-
13:21	-173.0	-173.5	13:21	4.0	5.6	-
13:22	-172.8	-173.4	13:22	5.0	5.6	-
13:23	-173.8	-173.4	13:23	6.3	5.7	-
13:24	-174.0	-173.5	13:24	4.8	5.7	-
13:25	-173.3	-173.5	13:25	7.8	5.9	-
13:26	-173.0	-173.4	13:26	3.5	5.8	-
13:27	-173.8	-173.5	13:27	3.3	5.2	-
13:28	-173.5	-173.5	13:28	5.0	5.2	-
13:29	-173.8	-173.5	13:29	4.5	5.1	-
13:30	-172.8	-173.4	13:30	5.3	4.8	-
13:31	-174.0	-173.4	13:31	5.0	4.8	-
13:32	-174.0	-173.4	13:32	5.3	4.8	-
13:33	-174.0	-173.4	13:33	5.0	4.8	-
13:34	-173.8	-173.5	13:34	7.3	5.1	-
13:35	-172.8	-173.5	13:35	5.8	5.2	-
13:36	-173.5	-173.5	13:36	5.5	5.3	-
13:37	-172.3	-173.5	13:37	4.8	5.3	-
13:38	-173.8	-173.5	13:38	5.8	5.2	-
13:39	-173.5	-173.4	13:39	6.5	5.3	-
13:40	-173.5	-173.5	13:40	7.8	5.3	-
13:41	-173.8	-173.5	13:41	7.3	5.6	-
13:42	-173.5	-173.5	13:42	17.5	6.5	-
13:43	-174.0	-173.5	13:43	7.5	6.7	-
13:44	-173.5	-173.5	13:44	15.3	7.4	-
13:45	-173.5	-173.6	13:45	19.0	8.3	-
13:46	-173.3	-173.5	13:46	15.5	9.0	-
13:47	-173.3	-173.5	13:47	7.0	9.2	-
13:48	-173.8	-173.4	13:48	6.8	9.3	-
13:49	-173.8	-173.4	13:49	7.8	9.3	-
13:50	-173.0	-173.5	13:50	7.3	9.4	-
13:51	-173.8	-173.5	13:51	7.5	9.5	-
13:52	-173.3	-173.5	13:52	7.3	9.7	-

CAMP Data
Sun Valley Nursery Filling Station Site
Ossining, New York
BCP No C360207
September 12, 2023

PARTICULATE DATA						
Upwind			Downwind			Exceeds Particulate Alarm Limit
Time	Concentration (ug/m ³)	15-Min Avg Concentration (ug/m ³)	Time	Concentration (ug/m ³)	15-Min Avg Concentration (ug/m ³)	
13:53	-173.0	-173.5	13:53	7.5	9.8	-
13:54	-172.5	-173.4	13:54	7.5	9.9	-
13:55	-172.8	-173.4	13:55	8.5	9.9	-
13:56	-173.8	-173.4	13:56	7.8	10.0	-
13:57	-172.5	-173.3	13:57	9.0	9.4	-
13:58	-173.8	-173.3	13:58	10.0	9.6	-
13:59	-173.5	-173.3	13:59	8.3	9.1	-
14:00	-173.0	-173.3	14:00	8.8	8.4	-
14:01	-172.5	-173.2	14:01	9.5	8.0	-
14:02	-173.0	-173.2	14:02	9.5	8.2	-
14:03	-173.0	-173.1	14:03	9.3	8.4	-
14:04	-173.3	-173.1	14:04	9.5	8.5	-
14:05	-173.0	-173.1	14:05	9.3	8.6	-
14:06	-173.0	-173.1	14:06	9.0	8.7	-
14:07	-174.3	-173.1	14:07	9.3	8.8	-
14:08	-173.3	-173.1	14:08	9.5	9.0	-
14:09	-173.3	-173.2	14:09	10.5	9.2	-
14:10	-173.3	-173.2	14:10	9.3	9.2	-
14:11	-173.8	-173.2	14:11	10.0	9.4	-
14:12	-173.5	-173.3	14:12	9.3	9.4	-
14:13	-173.0	-173.2	14:13	9.5	9.4	-
14:14	-172.5	-173.2	14:14	9.3	9.4	-
14:15	-174.0	-173.2	14:15	9.8	9.5	-
14:16	-172.8	-173.3	14:16	9.0	9.5	-
14:17	-172.8	-173.2	14:17	9.3	9.4	-
14:18	-173.0	-173.2	14:18	9.0	9.4	-
14:19	-172.8	-173.2	14:19	9.8	9.4	-
14:20	-173.3	-173.2	14:20	10.0	9.5	-
14:21	-172.5	-173.2	14:21	12.0	9.7	-
14:22	-172.8	-173.1	14:22	10.3	9.8	-
14:23	-172.3	-173.0	14:23	10.5	9.8	-
14:24	-172.8	-173.0	14:24	11.5	9.9	-
14:25	-172.8	-173.0	14:25	10.3	10.0	-
14:26	-171.5	-172.8	14:26	10.5	10.0	-
14:27	-173.3	-172.8	14:27	9.5	10.0	-
14:28	-172.5	-172.8	14:28	9.5	10.0	-
14:29	-172.8	-172.8	14:29	11.3	10.1	-
14:30	-172.8	-172.7	14:30	11.0	10.2	-
14:31	-172.5	-172.7	14:31	10.0	10.3	-
14:32	-172.8	-172.7	14:32	8.8	10.3	-
14:33	-173.0	-172.7	14:33	9.8	10.3	-
14:34	-172.3	-172.6	14:34	11.8	10.4	-
14:35	-172.5	-172.6	14:35	11.0	10.5	-
14:36	-172.3	-172.6	14:36	9.5	10.3	-
14:37	-173.0	-172.6	14:37	8.8	10.2	-
14:38	-172.5	-172.6	14:38	14.8	10.5	-
14:39	-172.3	-172.6	14:39	12.0	10.6	-

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PARTICULATE DATA						
Upwind			Downwind			Exceeds Particulate Alarm Limit
Time	Concentration (ug/m ³)	15-Min Avg Concentration (ug/m ³)	Time	Concentration (ug/m ³)	15-Min Avg Concentration (ug/m ³)	
14:40	-172.0	-172.5	14:40	8.3	10.4	-
14:41	-172.0	-172.6	14:41	8.3	10.3	-
14:42	-171.8	-172.5	14:42	8.3	10.2	-
14:43	-171.3	-172.4	14:43	9.3	10.2	-
14:44	-172.5	-172.4	14:44	8.8	10.0	-
14:45	-172.0	-172.3	14:45	8.3	9.8	-
14:46	-172.0	-172.3	14:46	8.8	9.7	-
14:47	-171.5	-172.2	14:47	8.0	9.7	-
14:48	-172.3	-172.1	14:48	10.3	9.7	-
14:49	-171.8	-172.1	14:49	8.5	9.5	-
14:50	-172.3	-172.1	14:50	9.0	9.4	-
14:51	-171.8	-172.1	14:51	9.3	9.4	-
14:52	-171.8	-172.0	14:52	9.0	9.4	-
14:53	-172.0	-171.9	14:53	9.3	9.0	-
14:54	-172.5	-172.0	14:54	8.3	8.8	-
14:55	-172.5	-172.0	14:55	8.3	8.8	-
14:56	-171.8	-172.0	14:56	8.8	8.8	-
14:57	-171.8	-172.0	14:57	8.8	8.8	-
14:58	-170.8	-171.9	14:58	8.3	8.8	-
14:59	-171.8	-171.9	14:59	8.5	8.7	-
15:00	-172.0	-171.9	15:00	8.8	8.8	-
15:01	-171.5	-171.9	15:01	9.0	8.8	-
15:02	-172.0	-171.9	15:02	8.8	8.8	-
15:03	-172.0	-171.9	15:03	9.0	8.8	-
15:04	-171.3	-171.8	15:04	9.3	8.8	-
15:05	-172.3	-171.8	15:05	9.3	8.8	-
15:06	-172.0	-171.9	15:06	9.3	8.8	-
15:07	-170.5	-171.8	15:07	8.8	8.8	-
15:08	-171.8	-171.8	15:08	9.0	8.8	-
15:09	-171.5	-171.7	15:09	10.3	8.9	-
15:10	-171.8	-171.6	15:10	9.3	9.0	-
15:11	-170.3	-171.5	15:11	9.3	9.0	-
15:12	-171.3	-171.5	15:12	8.5	9.0	-
15:13	-171.5	-171.6	15:13	8.3	9.0	-
15:14	-171.0	-171.5	15:14	8.3	9.0	-
15:15	-171.3	-171.5	15:15	8.3	9.0	-
15:16	-171.0	-171.4	15:16	8.3	8.9	-
15:17	-171.3	-171.4	15:17	7.5	8.8	-
15:18	-171.5	-171.3	15:18	7.5	8.7	-
15:19	-170.5	-171.3	15:19	7.3	8.6	-
15:20	-171.8	-171.3	15:20	7.0	8.4	-
15:21	-171.5	-171.2	15:21	6.8	8.3	-
15:22	-171.5	-171.3	15:22	7.0	8.2	-
15:23	-171.5	-171.3	15:23	6.3	8.0	-
15:24	-171.8	-171.3	15:24	6.5	7.7	-
15:25	-171.5	-171.3	15:25	6.8	7.6	-
15:26	-171.5	-171.4	15:26	7.3	7.4	-

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PARTICULATE DATA						
Upwind			Downwind			Exceeds Particulate Alarm Limit
Time	Concentration (ug/m ³)	15-Min Avg Concentration (ug/m ³)	Time	Concentration (ug/m ³)	15-Min Avg Concentration (ug/m ³)	
15:27	-171.8	-171.4	15:27	6.5	7.3	-
15:28	-171.3	-171.4	15:28	7.0	7.2	-
15:29	-171.0	-171.4	15:29	6.8	7.1	-
15:30	-171.3	-171.4	15:30	7.0	7.0	-
15:31	-171.8	-171.4	15:31	7.0	6.9	-
15:32	-171.5	-171.4	15:32	7.0	6.9	-
15:33	-171.3	-171.4	15:33	6.5	6.8	-
15:34	-171.8	-171.5	15:34	7.0	6.8	-
15:35	-171.8	-171.5	15:35	7.0	6.8	-
15:36	-171.8	-171.5	15:36	7.8	6.9	-
15:37	-170.5	-171.5	15:37	7.5	6.9	-
15:38	-171.3	-171.4	15:38	8.0	7.0	-
15:39	-171.5	-171.4	15:39	7.5	7.1	-
15:40	-171.8	-171.4	15:40	7.8	7.2	-
15:41	-171.3	-171.4	15:41	8.3	7.2	-
15:42	-171.0	-171.4	15:42	7.5	7.3	-
15:43	-171.3	-171.4	15:43	8.0	7.4	-
15:44	-171.0	-171.4	15:44	7.8	7.4	-
15:45	-172.0	-171.4	15:45	7.8	7.5	-
15:46	-171.8	-171.4	15:46	7.3	7.5	-
15:47	-171.3	-171.4	15:47	7.3	7.5	-
15:48	-171.8	-171.4	15:48	7.5	7.6	-
15:49	-170.3	-171.3	15:49	7.0	7.6	-
15:50	-172.0	-171.4	15:50	7.3	7.6	-
15:51	-171.5	-171.3	15:51	7.3	7.6	-
15:52	-172.0	-171.4	15:52	7.3	7.6	-
15:53	-172.3	-171.5	15:53	7.3	7.5	-
15:54	-172.3	-171.6	15:54	6.5	7.4	-
15:55	-171.5	-171.5	15:55	6.8	7.4	-
15:56	-171.8	-171.6	15:56	6.0	7.2	-
15:57	-172.0	-171.6	15:57	6.8	7.2	-
15:58	-171.8	-171.7	15:58	5.8	7.0	-

CAMP Data
Sun Valley Nursery Filling Station Site
Ossining, New York
BCP No C360207
September 12, 2023

Tuesday, September 12, 2023						
Number of Instances Where Downwind VOCs Exceeds Upwind VOCs + 5 =						0
Number of Comparable Data Points =						245
Start Time:						11:39
End Time:						15:58
PID DATA						
Upwind			Downwind			Exceeds VOC Alarm Limit
Time	Concentration (ppm)	15-Min Avg Concentration (ppm)	Time	Concentration (ppm)	15-Min Avg Concentration (ppm)	
11:39	0.0	-	11:39	0.0	-	-
11:40	0.0	-	11:40	0.0	-	-
11:41	0.0	-	11:41	0.0	-	-
11:42	0.0	-	11:42	0.0	-	-
11:43	0.0	-	11:43	0.0	-	-
11:44	0.0	-	11:44	0.0	-	-
11:45	0.0	-	11:45	0.0	-	-
11:46	0.0	-	11:46	0.0	-	-
11:47	0.0	-	11:47	0.0	-	-
11:48	0.0	-	11:48	0.0	-	-
11:49	0.0	-	11:49	0.0	-	-
11:50	0.0	-	11:50	0.0	-	-
11:51	0.0	-	11:51	0.0	-	-
11:52	0.0	-	11:52	0.0	-	-
11:53	0.0	-	11:53	0.0	-	-
11:54	0.0	0.0	11:54	0.0	0.0	-
11:55	0.0	0.0	11:55	0.0	0.0	-
11:56	0.0	0.0	11:56	0.0	0.0	-
11:57	0.0	0.0	11:57	0.0	0.0	-
11:58	0.0	0.0	11:58	0.0	0.0	-
11:59	0.0	0.0	11:59	0.0	0.0	-
12:00	0.0	0.0	12:00	0.0	0.0	-
12:01	0.0	0.0	12:01	0.0	0.0	-
12:02	0.0	0.0	12:02	0.0	0.0	-
12:03	0.0	0.0	12:03	0.0	0.0	-
12:04	0.0	0.0	12:04	0.0	0.0	-
12:05	0.0	0.0	12:05	0.0	0.0	-
12:06	0.0	0.0	12:06	0.0	0.0	-
12:07	0.0	0.0	12:07	0.0	0.0	-
12:08	0.0	0.0	12:08	0.0	0.0	-
12:09	0.0	0.0	12:09	0.0	0.0	-
12:10	0.0	0.0	12:10	0.0	0.0	-
12:11	0.0	0.0	12:11	0.0	0.0	-
12:12	0.0	0.0	12:12	0.0	0.0	-
12:13	0.0	0.0	12:13	0.0	0.0	-
12:14	0.0	0.0	12:14	0.0	0.0	-
12:15	0.0	0.0	12:15	0.0	0.0	-
12:16	0.0	0.0	12:16	0.0	0.0	-
12:17	0.0	0.0	12:17	0.0	0.0	-
12:18	0.0	0.0	12:18	0.0	0.0	-
12:19	0.0	0.0	12:19	0.0	0.0	-
12:20	0.0	0.0	12:20	0.0	0.0	-

CAMP Data
Sun Valley Nursery Filling Station Site
Ossining, New York
BCP No C360207
September 12, 2023

PID DATA						
Upwind			Downwind			Exceeds VOC Alarm Limit
Time	Concentration (ppm)	15-Min Avg Concentration (ppm)	Time	Concentration (ppm)	15-Min Avg Concentration (ppm)	
12:21	0.0	0.0	12:21	0.0	0.0	-
12:22	0.0	0.0	12:22	0.0	0.0	-
12:23	0.0	0.0	12:23	0.0	0.0	-
12:24	0.0	0.0	12:24	0.0	0.0	-
12:25	0.0	0.0	12:25	0.0	0.0	-
12:26	0.0	0.0	12:26	0.0	0.0	-
12:27	0.0	0.0	12:27	0.0	0.0	-
12:28	0.0	0.0	12:28	0.0	0.0	-
12:29	0.0	0.0	12:29	0.0	0.0	-
12:30	0.0	0.0	12:30	0.0	0.0	-
12:31	0.0	0.0	12:31	0.0	0.0	-
12:32	0.0	0.0	12:32	0.0	0.0	-
12:33	0.0	0.0	12:33	0.0	0.0	-
12:34	0.0	0.0	12:34	0.0	0.0	-
12:35	0.0	0.0	12:35	0.0	0.0	-
12:36	0.0	0.0	12:36	0.0	0.0	-
12:37	0.0	0.0	12:37	0.0	0.0	-
12:38	0.0	0.0	12:38	0.0	0.0	-
12:39	0.0	0.0	12:39	0.0	0.0	-
12:40	0.0	0.0	12:40	0.0	0.0	-
12:41	0.0	0.0	12:41	0.0	0.0	-
12:42	0.0	0.0	12:42	0.0	0.0	-
12:43	0.0	0.0	12:43	0.0	0.0	-
12:44	0.0	0.0	12:44	0.0	0.0	-
12:45	0.0	0.0	12:45	0.0	0.0	-
12:46	0.0	0.0	12:46	0.0	0.0	-
12:47	0.0	0.0	12:47	0.0	0.0	-
12:48	0.0	0.0	12:48	0.0	0.0	-
12:49	0.0	0.0	12:49	0.0	0.0	-
12:50	0.0	0.0	12:50	0.0	0.0	-
12:51	0.0	0.0	12:51	0.0	0.0	-
12:52	0.0	0.0	12:52	0.0	0.0	-
12:53	0.0	0.0	12:53	0.0	0.0	-
12:54	0.0	0.0	12:54	0.0	0.0	-
12:55	0.0	0.0	12:55	0.0	0.0	-
12:56	0.0	0.0	12:56	0.0	0.0	-
12:57	0.0	0.0	12:57	0.0	0.0	-
12:58	0.0	0.0	12:58	0.0	0.0	-
12:59	0.0	0.0	12:59	0.0	0.0	-
13:00	0.0	0.0	13:00	0.0	0.0	-
13:01	0.0	0.0	13:01	0.0	0.0	-
13:02	0.0	0.0	13:02	0.0	0.0	-
13:03	0.0	0.0	13:03	0.0	0.0	-
13:04	0.0	0.0	13:04	0.0	0.0	-
13:05	0.0	0.0	13:05	0.0	0.0	-
13:06	0.0	0.0	13:06	0.0	0.0	-
13:07	0.0	0.0	13:07	0.0	0.0	-

CAMP Data
Sun Valley Nursery Filling Station Site
Ossining, New York
BCP No C360207
September 12, 2023

PID DATA						
Upwind			Downwind			Exceeds VOC Alarm Limit
Time	Concentration (ppm)	15-Min Avg Concentration (ppm)	Time	Concentration (ppm)	15-Min Avg Concentration (ppm)	
13:08	0.0	0.0	13:08	0.0	0.0	-
13:09	0.0	0.0	13:09	0.0	0.0	-
13:10	0.0	0.0	13:10	0.0	0.0	-
13:11	0.0	0.0	13:11	0.0	0.0	-
13:12	0.0	0.0	13:12	0.0	0.0	-
13:13	0.0	0.0	13:13	0.0	0.0	-
13:14	0.0	0.0	13:14	0.0	0.0	-
13:15	0.0	0.0	13:15	0.0	0.0	-
13:16	0.0	0.0	13:16	0.0	0.0	-
13:17	0.0	0.0	13:17	0.0	0.0	-
13:18	0.0	0.0	13:18	0.0	0.0	-
13:19	0.0	0.0	13:19	0.0	0.0	-
13:20	0.0	0.0	13:20	0.0	0.0	-
13:21	0.0	0.0	13:21	0.0	0.0	-
13:22	0.0	0.0	13:22	0.0	0.0	-
13:23	0.0	0.0	13:23	0.0	0.0	-
13:24	0.0	0.0	13:24	0.0	0.0	-
13:25	0.0	0.0	13:25	0.0	0.0	-
13:26	0.0	0.0	13:26	0.0	0.0	-
13:27	0.0	0.0	13:27	0.0	0.0	-
13:28	0.0	0.0	13:28	0.0	0.0	-
13:29	0.0	0.0	13:29	0.0	0.0	-
13:30	0.0	0.0	13:30	0.0	0.0	-
13:31	0.0	0.0	13:31	0.0	0.0	-
13:32	0.0	0.0	13:32	0.0	0.0	-
13:33	0.0	0.0	13:33	0.0	0.0	-
13:34	0.0	0.0	13:34	0.0	0.0	-
13:35	0.0	0.0	13:35	0.0	0.0	-
13:36	0.0	0.0	13:36	0.0	0.0	-
13:37	0.0	0.0	13:37	0.0	0.0	-
13:38	0.0	0.0	13:38	0.0	0.0	-
13:39	0.0	0.0	13:39	0.0	0.0	-
13:40	0.0	0.0	13:40	0.0	0.0	-
13:41	0.0	0.0	13:41	0.0	0.0	-
13:42	0.0	0.0	13:42	0.0	0.0	-
13:43	0.0	0.0	13:43	0.0	0.0	-
13:44	0.0	0.0	13:44	0.0	0.0	-
13:45	0.0	0.0	13:45	0.0	0.0	-
13:46	0.0	0.0	13:46	0.0	0.0	-
13:47	0.0	0.0	13:47	0.0	0.0	-
13:48	0.0	0.0	13:48	0.0	0.0	-
13:49	0.0	0.0	13:49	0.0	0.0	-
13:50	0.0	0.0	13:50	0.0	0.0	-
13:51	0.0	0.0	13:51	0.0	0.0	-
13:52	0.0	0.0	13:52	0.0	0.0	-
13:53	0.0	0.0	13:53	0.0	0.0	-
13:54	0.0	0.0	13:54	0.0	0.0	-

CAMP Data
Sun Valley Nursery Filling Station Site
Ossining, New York
BCP No C360207
September 12, 2023

PID DATA						
Upwind			Downwind			Exceeds VOC Alarm Limit
Time	Concentration (ppm)	15-Min Avg Concentration (ppm)	Time	Concentration (ppm)	15-Min Avg Concentration (ppm)	
13:55	0.0	0.0	13:55	0.0	0.0	-
13:56	0.0	0.0	13:56	0.0	0.0	-
13:57	0.0	0.0	13:57	0.0	0.0	-
13:58	0.0	0.0	13:58	0.0	0.0	-
13:59	0.0	0.0	13:59	0.0	0.0	-
14:00	0.0	0.0	14:00	0.0	0.0	-
14:01	0.0	0.0	14:01	0.0	0.0	-
14:02	0.0	0.0	14:02	0.0	0.0	-
14:03	0.0	0.0	14:03	0.0	0.0	-
14:04	0.0	0.0	14:04	0.0	0.0	-
14:05	0.0	0.0	14:05	0.0	0.0	-
14:06	0.0	0.0	14:06	0.0	0.0	-
14:07	0.0	0.0	14:07	0.0	0.0	-
14:08	0.0	0.0	14:08	0.0	0.0	-
14:09	0.0	0.0	14:09	0.0	0.0	-
14:10	0.0	0.0	14:10	0.0	0.0	-
14:11	0.0	0.0	14:11	0.0	0.0	-
14:12	0.0	0.0	14:12	0.0	0.0	-
14:13	0.0	0.0	14:13	0.0	0.0	-
14:14	0.0	0.0	14:14	0.0	0.0	-
14:15	0.0	0.0	14:15	0.0	0.0	-
14:16	0.0	0.0	14:16	0.0	0.0	-
14:17	0.0	0.0	14:17	0.0	0.0	-
14:18	0.0	0.0	14:18	0.0	0.0	-
14:19	0.0	0.0	14:19	0.0	0.0	-
14:20	0.0	0.0	14:20	0.0	0.0	-
14:21	0.0	0.0	14:21	0.0	0.0	-
14:22	0.0	0.0	14:22	0.0	0.0	-
14:23	0.0	0.0	14:23	0.0	0.0	-
14:24	0.0	0.0	14:24	0.0	0.0	-
14:25	0.0	0.0	14:25	0.0	0.0	-
14:26	0.0	0.0	14:26	0.0	0.0	-
14:27	0.0	0.0	14:27	0.0	0.0	-
14:28	0.0	0.0	14:28	0.0	0.0	-
14:29	0.0	0.0	14:29	0.0	0.0	-
14:30	0.0	0.0	14:30	0.0	0.0	-
14:31	0.0	0.0	14:31	0.0	0.0	-
14:32	0.0	0.0	14:32	0.0	0.0	-
14:33	0.0	0.0	14:33	0.0	0.0	-
14:34	0.0	0.0	14:34	0.0	0.0	-
14:35	0.0	0.0	14:35	0.0	0.0	-
14:36	0.0	0.0	14:36	0.0	0.0	-
14:37	0.0	0.0	14:37	0.0	0.0	-
14:38	0.0	0.0	14:38	0.0	0.0	-
14:39	0.0	0.0	14:39	0.0	0.0	-
14:40	0.0	0.0	14:40	0.0	0.0	-
14:41	0.0	0.0	14:41	0.0	0.0	-

CAMP Data
Sun Valley Nursery Filling Station Site
Ossining, New York
BCP No C360207
September 12, 2023

PID DATA						
Upwind			Downwind			Exceeds VOC Alarm Limit
Time	Concentration (ppm)	15-Min Avg Concentration (ppm)	Time	Concentration (ppm)	15-Min Avg Concentration (ppm)	
14:42	0.0	0.0	14:42	0.0	0.0	-
14:43	0.0	0.0	14:43	0.0	0.0	-
14:44	0.0	0.0	14:44	0.0	0.0	-
14:45	0.0	0.0	14:45	0.0	0.0	-
14:46	0.0	0.0	14:46	0.0	0.0	-
14:47	0.0	0.0	14:47	0.0	0.0	-
14:48	0.0	0.0	14:48	0.0	0.0	-
14:49	0.0	0.0	14:49	0.0	0.0	-
14:50	0.0	0.0	14:50	0.0	0.0	-
14:51	0.0	0.0	14:51	0.0	0.0	-
14:52	0.0	0.0	14:52	0.0	0.0	-
14:53	0.0	0.0	14:53	0.0	0.0	-
14:54	0.0	0.0	14:54	0.0	0.0	-
14:55	0.0	0.0	14:55	0.0	0.0	-
14:56	0.0	0.0	14:56	0.0	0.0	-
14:57	0.0	0.0	14:57	0.0	0.0	-
14:58	0.0	0.0	14:58	0.0	0.0	-
14:59	0.0	0.0	14:59	0.0	0.0	-
15:00	0.0	0.0	15:00	0.0	0.0	-
15:01	0.0	0.0	15:01	0.0	0.0	-
15:02	0.0	0.0	15:02	0.0	0.0	-
15:03	0.0	0.0	15:03	0.0	0.0	-
15:04	0.0	0.0	15:04	0.0	0.0	-
15:05	0.0	0.0	15:05	0.0	0.0	-
15:06	0.0	0.0	15:06	0.0	0.0	-
15:07	0.0	0.0	15:07	0.0	0.0	-
15:08	0.0	0.0	15:08	0.0	0.0	-
15:09	0.0	0.0	15:09	0.0	0.0	-
15:10	0.0	0.0	15:10	0.0	0.0	-
15:11	0.0	0.0	15:11	0.0	0.0	-
15:12	0.0	0.0	15:12	0.0	0.0	-
15:13	0.0	0.0	15:13	0.0	0.0	-
15:14	0.0	0.0	15:14	0.0	0.0	-
15:15	0.0	0.0	15:15	0.0	0.0	-
15:16	0.0	0.0	15:16	0.0	0.0	-
15:17	0.0	0.0	15:17	0.0	0.0	-
15:18	0.0	0.0	15:18	0.0	0.0	-
15:19	0.0	0.0	15:19	0.0	0.0	-
15:20	0.0	0.0	15:20	0.0	0.0	-
15:21	0.0	0.0	15:21	0.0	0.0	-
15:22	0.0	0.0	15:22	0.0	0.0	-
15:23	0.0	0.0	15:23	0.0	0.0	-
15:24	0.0	0.0	15:24	0.0	0.0	-
15:25	0.0	0.0	15:25	0.0	0.0	-
15:26	0.0	0.0	15:26	0.0	0.0	-
15:27	0.0	0.0	15:27	0.0	0.0	-
15:28	0.0	0.0	15:28	0.0	0.0	-

CAMP Data
Sun Valley Nursery Filling Station Site
Ossining, New York
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PID DATA						
Upwind			Downwind			Exceeds VOC Alarm Limit
Time	Concentration (ppm)	15-Min Avg Concentration (ppm)	Time	Concentration (ppm)	15-Min Avg Concentration (ppm)	
15:29	0.0	0.0	15:29	0.0	0.0	-
15:30	0.0	0.0	15:30	0.0	0.0	-
15:31	0.0	0.0	15:31	0.0	0.0	-
15:32	0.0	0.0	15:32	0.0	0.0	-
15:33	0.0	0.0	15:33	0.0	0.0	-
15:34	0.0	0.0	15:34	0.0	0.0	-
15:35	0.0	0.0	15:35	0.0	0.0	-
15:36	0.0	0.0	15:36	0.0	0.0	-
15:37	0.0	0.0	15:37	0.0	0.0	-
15:38	0.0	0.0	15:38	0.0	0.0	-
15:39	0.0	0.0	15:39	0.0	0.0	-
15:40	0.0	0.0	15:40	0.0	0.0	-
15:41	0.0	0.0	15:41	0.0	0.0	-
15:42	0.0	0.0	15:42	0.0	0.0	-
15:43	0.0	0.0	15:43	0.0	0.0	-
15:44	0.0	0.0	15:44	0.0	0.0	-
15:45	0.0	0.0	15:45	0.0	0.0	-
15:46	0.0	0.0	15:46	0.0	0.0	-
15:47	0.0	0.0	15:47	0.0	0.0	-
15:48	0.0	0.0	15:48	0.0	0.0	-
15:49	0.0	0.0	15:49	0.0	0.0	-
15:50	0.0	0.0	15:50	0.0	0.0	-
15:51	0.0	0.0	15:51	0.0	0.0	-
15:52	0.0	0.0	15:52	0.0	0.0	-
15:53	0.0	0.0	15:53	0.0	0.0	-
15:54	0.0	0.0	15:54	0.0	0.0	-
15:55	0.0	0.0	15:55	0.0	0.0	-
15:56	0.0	0.0	15:56	0.0	0.0	-
15:57	0.0	0.0	15:57	0.0	0.0	-
15:58	0.0	0.0	15:58	0.0	0.0	-



959 US-46 Floor 3, Suite 300 - Parsippany-Troy Hills, NJ

DAILY AIR MONITORING REPORT

136-140 Croton Avenue

Ossining, New York

09/13/2023

Rev. No. 0

Page 1 of 2

Project Number: 12060

Dust Action Level

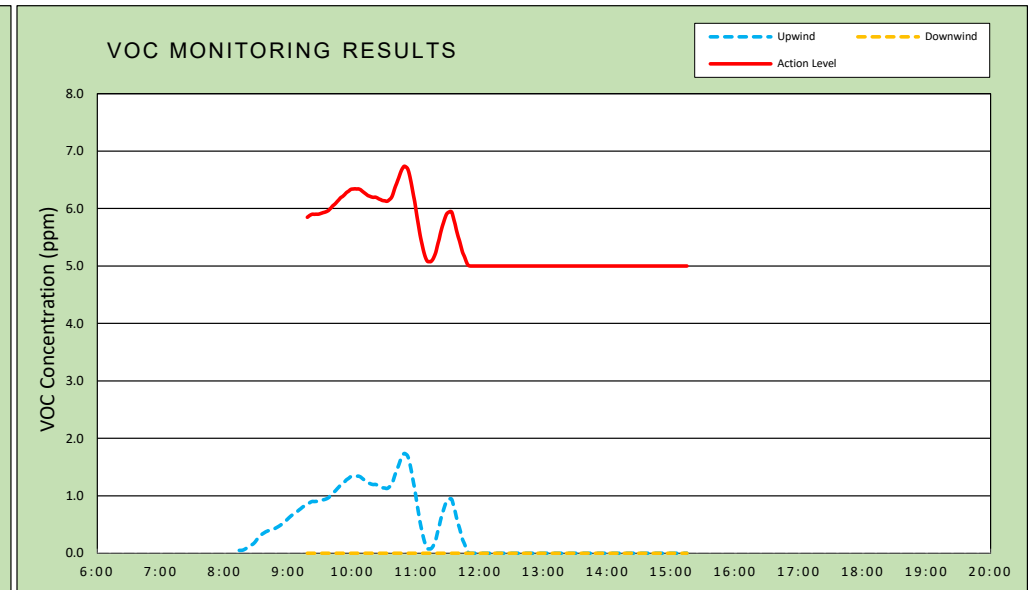
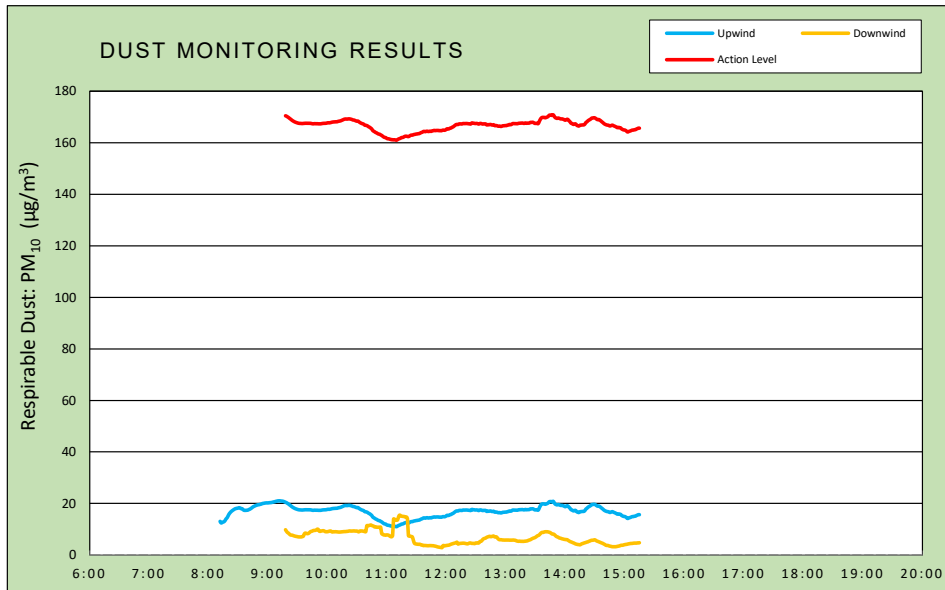
150 $\mu\text{g}/\text{m}^3$

VOC Action Level

5 ppm

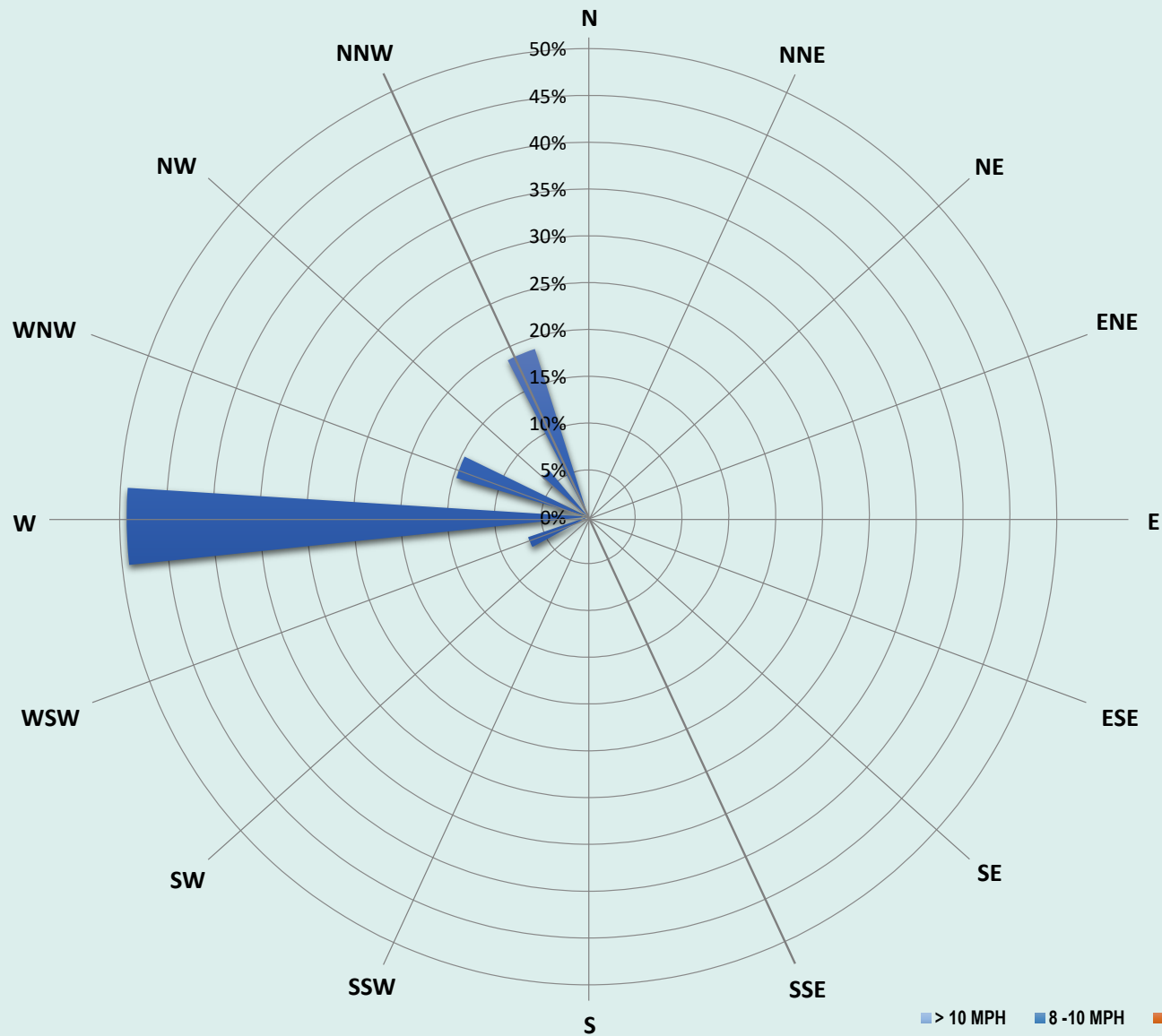
Weather Data Range for Work Day		Wind Direction	W	Relative Humidity (%)	96.0 - 98.0	Daily Rain Total (in)	0.25	Readings in the summary table and graphs below are the reported downwind concentrations.
Temperature (°F)	68.0 - 71.0	Wind Speed (MPH)	1.1 - 1.9	Barometer (inHg)	29.90 - 29.90	Avg. Dew Point Temp (°F)	68.3	

Station Location	Daily Avg. Dust Concentration ($\mu\text{g}/\text{m}^3$)	Max 15-Min Dust Concentration ($\mu\text{g}/\text{m}^3$)	Time of Max Dust Reading	Daily Avg. VOC Concentration (ppm)	Max 15-Min VOC Concentration (ppm)	Time of Max VOC Reading
Upwind	16.9	21.0	9:12	0.4	1.7	10:49
Downwind	6.8	15.5	11:13	0.0	0.0	9:18



Air Monitoring Notes:

Weather Notes:



SESI - Croton Ave
Air Monitoring
09/13/23
Wind Speed & Direction
Daily Readings

CAMP Data
Sun Valley Nursery Filling Station Site
Ossining, New York
BCP No C360207
September 13, 2023

Wednesday, September 13, 2023						
Number of Instances Where Downwind Particulates Exceeds Upwind Particulate + 150 =						0
Number of Comparable Data Points =						358
Start Time:						7:57
End Time:						15:15
PARTICULATE DATA						
Upwind			Downwind			Exceeds Particulate Alarm Limit
Time	Concentration (ug/m ³)	15-Min Avg Concentration (ug/m ³)	Time	Concentration (ug/m ³)	15-Min Avg Concentration (ug/m ³)	
7:57	20.6	-	7:57	-	-	-
7:58	23.5	-	7:58	-	-	-
7:59	13.0	-	7:59	-	-	-
8:00	12.4	-	8:00	-	-	-
8:01	11.9	-	8:01	-	-	-
8:02	11.9	-	8:02	-	-	-
8:03	11.9	-	8:03	-	-	-
8:04	11.4	-	8:04	-	-	-
8:05	11.8	-	8:05	-	-	-
8:06	12.4	-	8:06	-	-	-
8:07	12.2	-	8:07	-	-	-
8:08	11.9	-	8:08	-	-	-
8:09	12.8	-	8:09	-	-	-
8:10	12.7	-	8:10	-	-	-
8:11	12.6	-	8:11	-	-	-
8:12	13.2	13.0	8:12	-	-	-
8:13	14.5	12.4	8:13	-	-	-
8:14	15.2	12.6	8:14	-	-	-
8:15	15.4	12.8	8:15	-	-	-
8:16	14.3	12.9	8:16	-	-	-
8:17	18.2	13.4	8:17	-	-	-
8:18	21.5	14.0	8:18	-	-	-
8:19	17.5	14.4	8:19	-	-	-
8:20	22.3	15.1	8:20	-	-	-
8:21	23.5	15.9	8:21	-	-	-
8:22	19.8	16.4	8:22	-	-	-
8:23	18.4	16.8	8:23	-	-	-
8:24	17.5	17.1	8:24	-	-	-
8:25	17.1	17.4	8:25	-	-	-
8:26	16.4	17.7	8:26	-	-	-
8:27	16.8	17.9	8:27	-	-	-
8:28	16.4	18.0	8:28	-	-	-
8:29	16.6	18.1	8:29	-	-	-
8:30	16.3	18.2	8:30	-	-	-
8:31	16.5	18.3	8:31	-	-	-
8:32	17.2	18.3	8:32	-	-	-
8:33	17.4	18.0	8:33	-	-	-
8:34	17.9	18.0	8:34	-	-	-
8:35	17.6	17.7	8:35	-	-	-
8:36	18.9	17.4	8:36	-	-	-
8:37	19.0	17.3	8:37	-	-	-

CAMP Data
Sun Valley Nursery Filling Station Site
Ossining, New York
BCP No C360207
September 13, 2023

PARTICULATE DATA						
Upwind			Downwind			Exceeds Particulate Alarm Limit
Time	Concentration (ug/m ³)	15-Min Avg Concentration (ug/m ³)	Time	Concentration (ug/m ³)	15-Min Avg Concentration (ug/m ³)	
8:38	18.4	17.3	8:38	-	-	-
8:39	18.1	17.4	8:39	-	-	-
8:40	17.9	17.4	8:40	-	-	-
8:41	19.4	17.6	8:41	-	-	-
8:42	19.1	17.8	8:42	-	-	-
8:43	20.1	18.0	8:43	-	-	-
8:44	20.7	18.3	8:44	-	-	-
8:45	21.0	18.6	8:45	-	-	-
8:46	19.9	18.8	8:46	-	-	-
8:47	19.9	19.0	8:47	-	-	-
8:48	20.1	19.2	8:48	-	-	-
8:49	19.8	19.3	8:49	-	-	-
8:50	19.6	19.5	8:50	-	-	-
8:51	19.5	19.5	8:51	-	-	-
8:52	20.8	19.6	8:52	-	-	-
8:53	19.6	19.7	8:53	-	-	-
8:54	20.4	19.9	8:54	-	-	-
8:55	20.1	20.0	8:55	-	-	-
8:56	20.3	20.1	8:56	-	-	-
8:57	20.5	20.1	8:57	-	-	-
8:58	20.8	20.2	8:58	-	-	-
8:59	21.3	20.2	8:59	-	-	-
9:00	20.8	20.2	9:00	-	-	-
9:01	20.5	20.3	9:01	-	-	-
9:02	20.6	20.3	9:02	-	-	-
9:03	20.6	20.3	9:03	17.0	-	-
9:04	20.5	20.4	9:04	17.0	-	-
9:05	21.1	20.5	9:05	14.0	-	-
9:06	21.1	20.6	9:06	10.5	-	-
9:07	21.8	20.7	9:07	11.3	-	-
9:08	21.6	20.8	9:08	9.8	-	-
9:09	21.6	20.9	9:09	10.5	-	-
9:10	21.6	21.0	9:10	10.5	-	-
9:11	20.9	21.0	9:11	9.5	-	-
9:12	20.6	21.0	9:12	8.0	-	-
9:13	20.3	21.0	9:13	8.5	-	-
9:14	20.3	20.9	9:14	7.5	-	-
9:15	20.3	20.9	9:15	7.5	-	-
9:16	18.9	20.8	9:16	7.5	-	-
9:17	18.5	20.6	9:17	7.5	-	-
9:18	17.9	20.5	9:18	7.5	9.8	-
9:19	18.0	20.3	9:19	7.8	9.2	-
9:20	17.4	20.0	9:20	7.3	8.7	-
9:21	17.4	19.8	9:21	6.5	8.5	-
9:22	17.1	19.5	9:22	5.5	8.1	-
9:23	17.3	19.2	9:23	5.3	7.8	-
9:24	17.0	18.9	9:24	9.5	7.7	-

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PARTICULATE DATA						
Upwind			Downwind			Exceeds Particulate Alarm Limit
Time	Concentration (ug/m ³)	15-Min Avg Concentration (ug/m ³)	Time	Concentration (ug/m ³)	15-Min Avg Concentration (ug/m ³)	
9:25	17.3	18.6	9:25	9.8	7.7	-
9:26	17.4	18.4	9:26	7.0	7.5	-
9:27	17.4	18.1	9:27	6.3	7.4	-
9:28	17.6	18.0	9:28	6.8	7.3	-
9:29	18.1	17.8	9:29	6.5	7.2	-
9:30	18.3	17.7	9:30	6.3	7.1	-
9:31	17.3	17.6	9:31	6.3	7.0	-
9:32	17.5	17.5	9:32	7.3	7.0	-
9:33	17.6	17.5	9:33	7.5	7.0	-
9:34	17.5	17.5	9:34	7.8	7.0	-
9:35	17.1	17.5	9:35	9.3	7.2	-
9:36	18.0	17.5	9:36	9.0	7.3	-
9:37	17.6	17.5	9:37	18.8	8.2	-
9:38	17.8	17.6	9:38	9.8	8.5	-
9:39	17.0	17.6	9:39	7.8	8.4	-
9:40	17.1	17.6	9:40	8.3	8.3	-
9:41	17.4	17.6	9:41	8.3	8.4	-
9:42	17.3	17.5	9:42	10.3	8.6	-
9:43	17.5	17.5	9:43	12.3	9.0	-
9:44	17.1	17.5	9:44	9.0	9.2	-
9:45	16.9	17.4	9:45	8.0	9.3	-
9:46	16.8	17.3	9:46	9.3	9.5	-
9:47	18.4	17.4	9:47	8.0	9.5	-
9:48	17.5	17.4	9:48	8.0	9.6	-
9:49	17.3	17.4	9:49	9.8	9.7	-
9:50	17.3	17.4	9:50	14.0	10.0	-
9:51	17.4	17.3	9:51	7.5	9.9	-
9:52	17.6	17.3	9:52	9.0	9.3	-
9:53	17.6	17.3	9:53	8.5	9.2	-
9:54	17.6	17.4	9:54	9.5	9.3	-
9:55	18.4	17.5	9:55	9.3	9.4	-
9:56	18.1	17.5	9:56	9.3	9.4	-
9:57	17.6	17.5	9:57	8.5	9.3	-
9:58	17.6	17.5	9:58	8.8	9.1	-
9:59	17.7	17.6	9:59	8.3	9.0	-
10:00	18.3	17.7	10:00	8.0	9.0	-
10:01	17.9	17.7	10:01	10.3	9.1	-
10:02	17.9	17.7	10:02	9.8	9.2	-
10:03	18.4	17.8	10:03	9.3	9.3	-
10:04	18.6	17.9	10:04	8.8	9.2	-
10:05	19.0	18.0	10:05	9.3	8.9	-
10:06	18.3	18.0	10:06	9.3	9.0	-
10:07	18.3	18.1	10:07	8.5	9.0	-
10:08	17.9	18.1	10:08	9.0	9.0	-
10:09	18.2	18.1	10:09	9.3	9.0	-
10:10	18.4	18.1	10:10	8.8	9.0	-
10:11	20.2	18.3	10:11	8.5	8.9	-

CAMP Data
Sun Valley Nursery Filling Station Site
Ossining, New York
BCP No C360207
September 13, 2023

PARTICULATE DATA						
Upwind			Downwind			Exceeds Particulate Alarm Limit
Time	Concentration (ug/m ³)	15-Min Avg Concentration (ug/m ³)	Time	Concentration (ug/m ³)	15-Min Avg Concentration (ug/m ³)	
10:12	18.9	18.4	10:12	8.0	8.9	-
10:13	18.8	18.4	10:13	9.0	8.9	-
10:14	19.5	18.6	10:14	8.8	9.0	-
10:15	20.9	18.7	10:15	8.8	9.0	-
10:16	20.4	18.9	10:16	10.8	9.0	-
10:17	20.6	19.1	10:17	10.5	9.1	-
10:18	19.9	19.2	10:18	9.3	9.1	-
10:19	19.0	19.2	10:19	9.3	9.1	-
10:20	18.5	19.2	10:20	10.0	9.2	-
10:21	19.0	19.2	10:21	9.8	9.2	-
10:22	18.9	19.3	10:22	10.0	9.3	-
10:23	17.3	19.2	10:23	9.5	9.3	-
10:24	16.9	19.1	10:24	8.5	9.3	-
10:25	16.6	19.0	10:25	9.0	9.3	-
10:26	17.5	18.8	10:26	8.8	9.3	-
10:27	18.4	18.8	10:27	8.5	9.4	-
10:28	16.6	18.7	10:28	8.3	9.3	-
10:29	16.9	18.5	10:29	8.5	9.3	-
10:30	19.1	18.4	10:30	8.8	9.3	-
10:31	21.1	18.4	10:31	8.3	9.1	-
10:32	16.4	18.1	10:32	8.5	9.0	-
10:33	15.8	17.9	10:33	14.0	9.3	-
10:34	15.8	17.6	10:34	9.5	9.3	-
10:35	15.8	17.5	10:35	10.0	9.3	-
10:36	17.3	17.3	10:36	9.0	9.3	-
10:37	16.0	17.2	10:37	8.8	9.2	-
10:38	12.3	16.8	10:38	8.0	9.1	-
10:39	16.0	16.8	10:39	8.3	9.1	-
10:40	15.0	16.7	10:40	43.5	11.4	-
10:41	14.4	16.4	10:41	9.3	11.4	-
10:42	14.1	16.2	10:42	9.0	11.4	-
10:43	13.9	16.0	10:43	9.5	11.5	-
10:44	12.1	15.7	10:44	10.5	11.7	-
10:45	14.3	15.3	10:45	6.0	11.5	-
10:46	12.3	14.7	10:46	6.0	11.3	-
10:47	12.3	14.5	10:47	6.3	11.2	-
10:48	12.1	14.2	10:48	9.3	10.9	-
10:49	11.8	14.0	10:49	10.8	10.9	-
10:50	13.4	13.8	10:50	7.8	10.8	-
10:51	13.4	13.5	10:51	9.0	10.8	-
10:52	13.4	13.4	10:52	8.8	10.8	-
10:53	11.1	13.3	10:53	6.8	10.7	-
10:54	12.3	13.0	10:54	9.3	10.8	-
10:55	12.0	12.8	10:55	6.8	8.3	-
10:56	9.9	12.5	10:56	5.3	8.1	-
10:57	9.8	12.3	10:57	5.3	7.8	-
10:58	11.0	12.1	10:58	9.3	7.8	-

CAMP Data
Sun Valley Nursery Filling Station Site
Ossining, New York
BCP No C360207
September 13, 2023

PARTICULATE DATA						
Upwind			Downwind			Exceeds Particulate Alarm Limit
Time	Concentration (ug/m ³)	15-Min Avg Concentration (ug/m ³)	Time	Concentration (ug/m ³)	15-Min Avg Concentration (ug/m ³)	
10:59	11.3	12.0	10:59	9.0	7.7	-
11:00	10.0	11.7	11:00	7.8	7.8	-
11:01	9.8	11.6	11:01	5.5	7.8	-
11:02	11.9	11.5	11:02	4.8	7.7	-
11:03	10.3	11.4	11:03	5.3	7.4	-
11:04	10.1	11.3	11:04	7.3	7.2	-
11:05	12.0	11.2	11:05	6.5	7.1	-
11:06	12.9	11.2	11:06	15.0	7.5	-
11:07	12.8	11.1	11:07	105.8	14.0	-
11:08	11.4	11.1	11:08	5.8	13.9	-
11:09	11.0	11.1	11:09	4.8	13.6	-
11:10	11.1	11.0	11:10	5.8	13.5	-
11:11	13.1	11.2	11:11	6.5	13.6	-
11:12	13.1	11.4	11:12	22.8	14.8	-
11:13	13.3	11.6	11:13	19.8	15.5	-
11:14	13.6	11.8	11:14	6.5	15.3	-
11:15	13.6	12.0	11:15	4.5	15.1	-
11:16	10.4	12.0	11:16	4.5	15.0	-
11:17	14.0	12.2	11:17	4.0	15.0	-
11:18	13.6	12.4	11:18	4.3	14.9	-
11:19	12.0	12.5	11:19	4.3	14.7	-
11:20	12.0	12.5	11:20	7.3	14.8	-
11:21	11.6	12.4	11:21	4.0	14.0	-
11:22	12.0	12.4	11:22	7.8	7.5	-
11:23	14.3	12.6	11:23	3.3	7.3	-
11:24	14.6	12.8	11:24	4.0	7.3	-
11:25	13.3	13.0	11:25	4.3	7.2	-
11:26	12.9	13.0	11:26	3.8	7.0	-
11:27	15.6	13.1	11:27	3.3	5.7	-
11:28	14.8	13.2	11:28	3.3	4.6	-
11:29	14.8	13.3	11:29	3.0	4.4	-
11:30	15.0	13.4	11:30	3.0	4.3	-
11:31	11.0	13.4	11:31	3.8	4.2	-
11:32	15.4	13.5	11:32	3.3	4.2	-
11:33	14.4	13.6	11:33	4.5	4.2	-
11:34	15.0	13.8	11:34	3.3	4.1	-
11:35	15.0	14.0	11:35	3.8	3.9	-
11:36	13.5	14.1	11:36	4.3	3.9	-
11:37	15.8	14.3	11:37	4.3	3.7	-
11:38	15.0	14.4	11:38	4.0	3.7	-
11:39	13.1	14.3	11:39	3.8	3.7	-
11:40	15.3	14.4	11:40	3.8	3.7	-
11:41	13.5	14.5	11:41	3.3	3.6	-
11:42	14.0	14.4	11:42	3.0	3.6	-
11:43	15.5	14.4	11:43	3.8	3.6	-
11:44	15.8	14.5	11:44	3.3	3.7	-
11:45	14.0	14.4	11:45	2.8	3.6	-

CAMP Data
Sun Valley Nursery Filling Station Site
Ossining, New York
BCP No C360207
September 13, 2023

PARTICULATE DATA						
Upwind			Downwind			Exceeds Particulate Alarm Limit
Time	Concentration (ug/m ³)	15-Min Avg Concentration (ug/m ³)	Time	Concentration (ug/m ³)	15-Min Avg Concentration (ug/m ³)	
11:46	13.9	14.6	11:46	3.3	3.6	-
11:47	16.4	14.7	11:47	3.3	3.6	-
11:48	16.1	14.8	11:48	3.0	3.5	-
11:49	13.8	14.7	11:49	2.3	3.4	-
11:50	15.9	14.8	11:50	2.3	3.3	-
11:51	13.5	14.8	11:51	2.3	3.2	-
11:52	16.0	14.8	11:52	2.8	3.1	-
11:53	13.5	14.7	11:53	3.0	3.0	-
11:54	13.9	14.7	11:54	2.8	3.0	-
11:55	14.1	14.7	11:55	3.0	2.9	-
11:56	15.5	14.8	11:56	2.5	2.9	-
11:57	15.8	14.9	11:57	15.0	3.7	-
11:58	14.8	14.9	11:58	2.8	3.6	-
11:59	16.5	14.9	11:59	3.3	3.6	-
12:00	17.5	15.1	12:00	3.8	3.7	-
12:01	18.0	15.4	12:01	4.3	3.7	-
12:02	15.3	15.3	12:02	4.0	3.8	-
12:03	17.5	15.4	12:03	4.0	3.9	-
12:04	17.1	15.7	12:04	4.8	4.0	-
12:05	16.9	15.7	12:05	4.8	4.2	-
12:06	17.8	16.0	12:06	4.3	4.3	-
12:07	18.1	16.1	12:07	4.5	4.4	-
12:08	18.1	16.5	12:08	4.8	4.6	-
12:09	18.1	16.7	12:09	4.3	4.7	-
12:10	18.4	17.0	12:10	4.8	4.8	-
12:11	16.6	17.1	12:11	5.5	5.0	-
12:12	15.5	17.1	12:12	4.5	4.3	-
12:13	17.8	17.3	12:13	4.8	4.4	-
12:14	17.1	17.3	12:14	4.8	4.5	-
12:15	17.4	17.3	12:15	4.0	4.5	-
12:16	17.6	17.3	12:16	5.0	4.6	-
12:17	17.5	17.4	12:17	4.3	4.6	-
12:18	17.6	17.4	12:18	4.0	4.6	-
12:19	17.0	17.4	12:19	3.8	4.5	-
12:20	17.3	17.5	12:20	3.5	4.4	-
12:21	17.6	17.5	12:21	3.0	4.4	-
12:22	17.4	17.4	12:22	4.8	4.4	-
12:23	17.4	17.4	12:23	7.5	4.6	-
12:24	17.5	17.3	12:24	6.0	4.7	-
12:25	17.9	17.3	12:25	4.0	4.6	-
12:26	23.0	17.7	12:26	3.8	4.5	-
12:27	13.4	17.6	12:27	4.8	4.5	-
12:28	17.9	17.6	12:28	4.0	4.5	-
12:29	15.8	17.5	12:29	4.3	4.4	-
12:30	17.3	17.5	12:30	7.8	4.7	-
12:31	18.0	17.5	12:31	4.5	4.7	-
12:32	15.6	17.4	12:32	4.5	4.7	-

CAMP Data
Sun Valley Nursery Filling Station Site
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PARTICULATE DATA						
Upwind			Downwind			Exceeds Particulate Alarm Limit
Time	Concentration (ug/m ³)	15-Min Avg Concentration (ug/m ³)	Time	Concentration (ug/m ³)	15-Min Avg Concentration (ug/m ³)	
12:33	15.8	17.2	12:33	4.0	4.7	-
12:34	20.3	17.5	12:34	12.0	5.2	-
12:35	17.6	17.5	12:35	4.5	5.3	-
12:36	15.8	17.4	12:36	7.0	5.6	-
12:37	15.6	17.2	12:37	12.3	6.1	-
12:38	18.6	17.3	12:38	11.5	6.3	-
12:39	17.1	17.3	12:39	8.3	6.5	-
12:40	17.5	17.3	12:40	6.0	6.6	-
12:41	17.5	16.9	12:41	7.8	6.9	-
12:42	15.3	17.0	12:42	7.0	7.0	-
12:43	16.9	17.0	12:43	6.0	7.2	-
12:44	17.1	17.1	12:44	5.8	7.3	-
12:45	17.5	17.1	12:45	5.5	7.1	-
12:46	15.5	16.9	12:46	5.8	7.2	-
12:47	15.4	16.9	12:47	5.8	7.3	-
12:48	17.3	17.0	12:48	5.5	7.4	-
12:49	15.1	16.7	12:49	6.3	7.0	-
12:50	17.5	16.6	12:50	5.8	7.1	-
12:51	15.8	16.6	12:51	5.3	7.0	-
12:52	13.4	16.5	12:52	5.3	6.5	-
12:53	17.4	16.4	12:53	5.8	6.1	-
12:54	18.0	16.5	12:54	5.8	5.9	-
12:55	15.6	16.3	12:55	6.0	5.9	-
12:56	18.0	16.4	12:56	7.3	5.9	-
12:57	17.8	16.5	12:57	5.8	5.8	-
12:58	17.5	16.6	12:58	6.0	5.8	-
12:59	17.6	16.6	12:59	5.3	5.8	-
13:00	18.1	16.7	13:00	5.8	5.8	-
13:01	15.6	16.7	13:01	5.8	5.8	-
13:02	18.0	16.8	13:02	5.8	5.8	-
13:03	17.9	16.9	13:03	5.5	5.8	-
13:04	18.4	17.1	13:04	5.8	5.8	-
13:05	16.1	17.0	13:05	5.8	5.8	-
13:06	17.4	17.1	13:06	5.3	5.8	-
13:07	17.6	17.4	13:07	5.5	5.8	-
13:08	18.0	17.4	13:08	6.0	5.8	-
13:09	17.6	17.4	13:09	4.8	5.7	-
13:10	15.5	17.4	13:10	5.3	5.7	-
13:11	17.9	17.4	13:11	4.3	5.5	-
13:12	17.6	17.4	13:12	4.5	5.4	-
13:13	19.5	17.5	13:13	4.8	5.3	-
13:14	18.3	17.6	13:14	6.0	5.4	-
13:15	18.6	17.6	13:15	5.0	5.3	-
13:16	15.9	17.6	13:16	5.5	5.3	-
13:17	18.4	17.6	13:17	5.8	5.3	-
13:18	16.4	17.5	13:18	5.3	5.3	-
13:19	18.3	17.5	13:19	6.5	5.3	-

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PARTICULATE DATA						
Upwind			Downwind			Exceeds Particulate Alarm Limit
Time	Concentration (ug/m ³)	15-Min Avg Concentration (ug/m ³)	Time	Concentration (ug/m ³)	15-Min Avg Concentration (ug/m ³)	
13:20	18.4	17.7	13:20	6.3	5.4	-
13:21	15.5	17.6	13:21	6.3	5.4	-
13:22	18.3	17.6	13:22	6.5	5.5	-
13:23	18.1	17.6	13:23	8.8	5.7	-
13:24	18.3	17.7	13:24	6.8	5.8	-
13:25	19.1	17.9	13:25	7.0	5.9	-
13:26	17.8	17.9	13:26	7.8	6.2	-
13:27	18.5	17.9	13:27	7.5	6.4	-
13:28	18.3	17.9	13:28	7.5	6.6	-
13:29	14.3	17.6	13:29	7.8	6.7	-
13:30	17.0	17.5	13:30	7.8	6.9	-
13:31	17.1	17.6	13:31	9.5	7.1	-
13:32	16.3	17.4	13:32	10.3	7.4	-
13:33	16.3	17.4	13:33	7.8	7.6	-
13:34	30.7	18.3	13:34	10.0	7.8	-
13:35	30.0	19.0	13:35	12.8	8.3	-
13:36	23.6	19.6	13:36	11.5	8.6	-
13:37	21.9	19.8	13:37	9.3	8.8	-
13:38	18.2	19.8	13:38	8.5	8.8	-
13:39	18.2	19.8	13:39	9.3	8.9	-
13:40	17.1	19.7	13:40	8.3	9.0	-
13:41	19.8	19.8	13:41	7.8	9.0	-
13:42	20.8	20.0	13:42	7.5	9.0	-
13:43	21.9	20.2	13:43	6.5	9.0	-
13:44	21.0	20.7	13:44	6.0	8.8	-
13:45	17.9	20.7	13:45	5.8	8.7	-
13:46	17.6	20.7	13:46	5.3	8.4	-
13:47	13.9	20.6	13:47	6.0	8.1	-
13:48	20.3	20.9	13:48	7.8	8.1	-
13:49	22.8	20.3	13:49	7.5	8.0	-
13:50	21.8	19.8	13:50	7.5	7.6	-
13:51	20.6	19.6	13:51	6.3	7.3	-
13:52	20.0	19.5	13:52	6.0	7.1	-
13:53	20.1	19.6	13:53	6.5	6.9	-
13:54	16.8	19.5	13:54	5.3	6.7	-
13:55	14.8	19.3	13:55	6.8	6.6	-
13:56	18.4	19.2	13:56	6.0	6.4	-
13:57	20.9	19.2	13:57	5.3	6.3	-
13:58	20.1	19.1	13:58	5.3	6.2	-
13:59	18.8	19.0	13:59	4.3	6.1	-
14:00	14.6	18.8	14:00	5.0	6.0	-
14:01	19.3	18.9	14:01	4.3	6.0	-
14:02	17.3	19.1	14:02	5.8	6.0	-
14:03	18.2	19.0	14:03	4.3	5.7	-
14:04	16.1	18.5	14:04	3.8	5.5	-
14:05	16.0	18.1	14:05	4.0	5.2	-
14:06	12.4	17.6	14:06	4.0	5.1	-

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PARTICULATE DATA						
Upwind			Downwind			Exceeds Particulate Alarm Limit
Time	Concentration (ug/m ³)	15-Min Avg Concentration (ug/m ³)	Time	Concentration (ug/m ³)	15-Min Avg Concentration (ug/m ³)	
14:07	18.2	17.5	14:07	3.8	4.9	-
14:08	15.9	17.2	14:08	3.8	4.8	-
14:09	16.0	17.1	14:09	3.3	4.6	-
14:10	17.8	17.3	14:10	3.5	4.4	-
14:11	15.9	17.2	14:11	3.8	4.3	-
14:12	14.2	16.7	14:12	3.8	4.2	-
14:13	18.2	16.6	14:13	4.0	4.1	-
14:14	16.8	16.5	14:14	3.8	4.0	-
14:15	19.3	16.8	14:15	3.8	4.0	-
14:16	20.0	16.8	14:16	7.3	4.2	-
14:17	18.1	16.9	14:17	9.0	4.4	-
14:18	18.8	16.9	14:18	6.0	4.5	-
14:19	16.4	16.9	14:19	6.0	4.6	-
14:20	20.6	17.2	14:20	5.8	4.8	-
14:21	21.1	17.8	14:21	5.8	4.9	-
14:22	22.4	18.1	14:22	6.0	5.0	-
14:23	21.6	18.5	14:23	5.0	5.1	-
14:24	20.2	18.8	14:24	6.3	5.3	-
14:25	21.0	19.0	14:25	5.5	5.4	-
14:26	19.8	19.2	14:26	6.5	5.6	-
14:27	19.1	19.6	14:27	5.3	5.7	-
14:28	18.7	19.6	14:28	4.3	5.7	-
14:29	18.2	19.7	14:29	5.0	5.8	-
14:30	18.6	19.6	14:30	4.8	5.9	-
14:31	16.4	19.4	14:31	4.3	5.7	-
14:32	13.9	19.1	14:32	5.3	5.4	-
14:33	16.1	18.9	14:33	4.0	5.3	-
14:34	17.6	19.0	14:34	3.5	5.1	-
14:35	16.9	18.8	14:35	3.5	5.0	-
14:36	17.1	18.5	14:36	3.3	4.8	-
14:37	17.2	18.2	14:37	3.5	4.7	-
14:38	17.2	17.9	14:38	3.0	4.5	-
14:39	14.9	17.5	14:39	2.8	4.3	-
14:40	16.9	17.2	14:40	2.8	4.1	-
14:41	17.0	17.1	14:41	2.5	3.8	-
14:42	16.9	16.9	14:42	3.5	3.7	-
14:43	17.6	16.8	14:43	4.3	3.7	-
14:44	17.1	16.8	14:44	3.0	3.6	-
14:45	15.1	16.5	14:45	2.8	3.5	-
14:46	17.2	16.6	14:46	3.3	3.4	-
14:47	16.6	16.8	14:47	3.5	3.3	-
14:48	16.7	16.8	14:48	3.3	3.2	-
14:49	14.3	16.6	14:49	3.5	3.2	-
14:50	14.6	16.4	14:50	3.5	3.2	-
14:51	14.4	16.2	14:51	3.3	3.2	-
14:52	13.9	16.0	14:52	4.5	3.3	-
14:53	14.4	15.8	14:53	4.3	3.4	-

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PARTICULATE DATA						
Upwind			Downwind			Exceeds Particulate Alarm Limit
Time	Concentration (ug/m ³)	15-Min Avg Concentration (ug/m ³)	Time	Concentration (ug/m ³)	15-Min Avg Concentration (ug/m ³)	
14:54	16.9	16.0	14:54	4.0	3.5	-
14:55	14.6	15.8	14:55	4.0	3.5	-
14:56	16.4	15.8	14:56	5.0	3.7	-
14:57	10.9	15.4	14:57	4.8	3.8	-
14:58	14.3	15.2	14:58	4.3	3.8	-
14:59	14.4	15.0	14:59	4.8	3.9	-
15:00	14.6	14.9	15:00	4.3	4.0	-
15:01	14.8	14.8	15:01	4.5	4.1	-
15:02	12.4	14.5	15:02	4.3	4.1	-
15:03	11.4	14.2	15:03	4.5	4.2	-
15:04	16.7	14.3	15:04	5.0	4.3	-
15:05	16.8	14.5	15:05	4.5	4.4	-
15:06	16.4	14.6	15:06	4.5	4.5	-
15:07	16.5	14.8	15:07	4.8	4.5	-
15:08	16.5	14.9	15:08	4.8	4.5	-
15:09	17.0	14.9	15:09	5.0	4.6	-
15:10	16.6	15.1	15:10	4.5	4.6	-
15:11	16.9	15.1	15:11	5.0	4.6	-
15:12	14.4	15.3	15:12	4.8	4.6	-
15:13	16.8	15.5	15:13	5.3	4.7	-
15:14	17.0	15.6	15:14	5.0	4.7	-
15:15	14.5	15.6	15:15	5.0	4.8	-

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Wednesday, September 13, 2023						
Number of Instances Where Downwind VOCs Exceeds Upwind VOCs + 5 =						0
Number of Comparable Data Points =						358
Start Time:						7:57
End Time:						15:15
PID DATA						
Upwind			Downwind			Exceeds VOC Alarm Limit
Time	Concentration (ppm)	15-Min Avg Concentration (ppm)	Time	Concentration (ppm)	15-Min Avg Concentration (ppm)	
7:57	1.3	-	7:57	-	-	-
7:58	-	-	7:58	-	-	-
7:59	0.0	-	7:59	-	-	-
8:00	0.0	-	8:00	-	-	-
8:01	0.0	-	8:01	-	-	-
8:02	0.0	-	8:02	-	-	-
8:03	0.0	-	8:03	-	-	-
8:04	0.0	-	8:04	-	-	-
8:05	0.0	-	8:05	-	-	-
8:06	0.0	-	8:06	-	-	-
8:07	0.1	-	8:07	-	-	-
8:08	0.1	-	8:08	-	-	-
8:09	0.1	-	8:09	-	-	-
8:10	0.1	-	8:10	-	-	-
8:11	0.1	-	8:11	-	-	-
8:12	0.2	-	8:12	-	-	-
8:13	0.1	-	8:13	-	-	-
8:14	0.0	0.1	8:14	-	-	-
8:15	0.0	0.1	8:15	-	-	-
8:16	0.0	0.1	8:16	-	-	-
8:17	0.0	0.1	8:17	-	-	-
8:18	0.1	0.1	8:18	-	-	-
8:19	0.1	0.1	8:19	-	-	-
8:20	0.2	0.1	8:20	-	-	-
8:21	0.2	0.1	8:21	-	-	-
8:22	0.3	0.1	8:22	-	-	-
8:23	0.2	0.1	8:23	-	-	-
8:24	0.3	0.1	8:24	-	-	-
8:25	0.3	0.1	8:25	-	-	-
8:26	0.3	0.2	8:26	-	-	-
8:27	0.3	0.2	8:27	-	-	-
8:28	0.3	0.2	8:28	-	-	-
8:29	0.3	0.2	8:29	-	-	-
8:30	0.4	0.2	8:30	-	-	-
8:31	0.4	0.2	8:31	-	-	-
8:32	0.4	0.3	8:32	-	-	-
8:33	0.4	0.3	8:33	-	-	-
8:34	0.4	0.3	8:34	-	-	-
8:35	0.4	0.3	8:35	-	-	-
8:36	0.4	0.3	8:36	-	-	-
8:37	0.4	0.4	8:37	-	-	-
8:38	0.4	0.4	8:38	-	-	-

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PID DATA						
Upwind			Downwind			Exceeds VOC Alarm Limit
Time	Concentration (ppm)	15-Min Avg Concentration (ppm)	Time	Concentration (ppm)	15-Min Avg Concentration (ppm)	
8:39	0.4	0.4	8:39	-	-	-
8:40	0.4	0.4	8:40	-	-	-
8:41	0.4	0.4	8:41	-	-	-
8:42	0.4	0.4	8:42	-	-	-
8:43	0.4	0.4	8:43	-	-	-
8:44	0.5	0.4	8:44	-	-	-
8:45	0.4	0.4	8:45	-	-	-
8:46	0.5	0.4	8:46	-	-	-
8:47	0.5	0.4	8:47	-	-	-
8:48	0.5	0.4	8:48	-	-	-
8:49	0.5	0.4	8:49	-	-	-
8:50	0.6	0.5	8:50	-	-	-
8:51	0.6	0.5	8:51	-	-	-
8:52	0.6	0.5	8:52	-	-	-
8:53	0.6	0.5	8:53	-	-	-
8:54	0.6	0.5	8:54	-	-	-
8:55	0.7	0.5	8:55	-	-	-
8:56	0.6	0.5	8:56	-	-	-
8:57	0.7	0.6	8:57	-	-	-
8:58	0.7	0.6	8:58	-	-	-
8:59	0.7	0.6	8:59	-	-	-
9:00	0.7	0.6	9:00	-	-	-
9:01	0.8	0.6	9:01	-	-	-
9:02	0.7	0.6	9:02	-	-	-
9:03	0.8	0.7	9:03	0.0	-	-
9:04	0.7	0.7	9:04	0.0	-	-
9:05	0.7	0.7	9:05	0.0	-	-
9:06	0.8	0.7	9:06	0.0	-	-
9:07	0.8	0.7	9:07	0.0	-	-
9:08	0.9	0.7	9:08	0.0	-	-
9:09	0.9	0.7	9:09	0.0	-	-
9:10	0.9	0.8	9:10	0.0	-	-
9:11	0.9	0.8	9:11	0.0	-	-
9:12	0.9	0.8	9:12	0.0	-	-
9:13	0.9	0.8	9:13	0.0	-	-
9:14	0.9	0.8	9:14	0.0	-	-
9:15	0.9	0.8	9:15	0.0	-	-
9:16	0.9	0.8	9:16	0.0	-	-
9:17	0.9	0.8	9:17	0.0	-	-
9:18	0.9	0.8	9:18	0.0	0.0	-
9:19	0.9	0.9	9:19	0.0	0.0	-
9:20	0.9	0.9	9:20	0.0	0.0	-
9:21	0.9	0.9	9:21	0.0	0.0	-
9:22	0.9	0.9	9:22	0.0	0.0	-
9:23	0.9	0.9	9:23	0.0	0.0	-
9:24	0.9	0.9	9:24	0.0	0.0	-
9:25	0.9	0.9	9:25	0.0	0.0	-

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PID DATA						
Upwind			Downwind			Exceeds VOC Alarm Limit
Time	Concentration (ppm)	15-Min Avg Concentration (ppm)	Time	Concentration (ppm)	15-Min Avg Concentration (ppm)	
9:26	0.9	0.9	9:26	0.0	0.0	-
9:27	0.9	0.9	9:27	0.0	0.0	-
9:28	0.9	0.9	9:28	0.0	0.0	-
9:29	1.0	0.9	9:29	0.0	0.0	-
9:30	1.0	0.9	9:30	0.0	0.0	-
9:31	1.0	0.9	9:31	0.0	0.0	-
9:32	1.0	0.9	9:32	0.0	0.0	-
9:33	1.0	0.9	9:33	0.0	0.0	-
9:34	1.0	0.9	9:34	0.0	0.0	-
9:35	1.0	0.9	9:35	0.0	0.0	-
9:36	1.0	0.9	9:36	0.0	0.0	-
9:37	1.1	1.0	9:37	0.0	0.0	-
9:38	1.1	1.0	9:38	0.0	0.0	-
9:39	1.2	1.0	9:39	0.0	0.0	-
9:40	1.2	1.0	9:40	0.0	0.0	-
9:41	1.2	1.0	9:41	0.0	0.0	-
9:42	1.2	1.0	9:42	0.0	0.0	-
9:43	1.1	1.1	9:43	0.0	0.0	-
9:44	1.2	1.1	9:44	0.0	0.0	-
9:45	1.3	1.1	9:45	0.0	0.0	-
9:46	1.3	1.1	9:46	0.0	0.0	-
9:47	1.3	1.1	9:47	0.0	0.0	-
9:48	1.3	1.2	9:48	0.0	0.0	-
9:49	1.3	1.2	9:49	0.0	0.0	-
9:50	1.2	1.2	9:50	0.0	0.0	-
9:51	1.2	1.2	9:51	0.0	0.0	-
9:52	1.3	1.2	9:52	0.0	0.0	-
9:53	1.4	1.2	9:53	0.0	0.0	-
9:54	1.5	1.3	9:54	0.0	0.0	-
9:55	1.4	1.3	9:55	0.0	0.0	-
9:56	1.4	1.3	9:56	0.0	0.0	-
9:57	1.4	1.3	9:57	0.0	0.0	-
9:58	1.4	1.3	9:58	0.0	0.0	-
9:59	1.4	1.3	9:59	0.0	0.0	-
10:00	1.3	1.3	10:00	0.0	0.0	-
10:01	1.3	1.3	10:01	0.0	0.0	-
10:02	1.3	1.3	10:02	0.0	0.0	-
10:03	1.3	1.3	10:03	0.0	0.0	-
10:04	1.3	1.3	10:04	0.0	0.0	-
10:05	1.2	1.3	10:05	0.0	0.0	-
10:06	1.2	1.3	10:06	0.0	0.0	-
10:07	1.2	1.3	10:07	0.0	0.0	-
10:08	1.2	1.3	10:08	0.0	0.0	-
10:09	1.2	1.3	10:09	0.0	0.0	-
10:10	1.2	1.3	10:10	0.0	0.0	-
10:11	1.2	1.3	10:11	0.0	0.0	-
10:12	1.2	1.3	10:12	0.0	0.0	-

CAMP Data
Sun Valley Nursery Filling Station Site
Ossining, New York
BCP No C360207
September 13, 2023

PID DATA						
Upwind			Downwind			Exceeds VOC Alarm Limit
Time	Concentration (ppm)	15-Min Avg Concentration (ppm)	Time	Concentration (ppm)	15-Min Avg Concentration (ppm)	
10:13	1.2	1.3	10:13	0.0	0.0	-
10:14	1.2	1.2	10:14	0.0	0.0	-
10:15	1.1	1.2	10:15	0.0	0.0	-
10:16	1.2	1.2	10:16	0.0	0.0	-
10:17	1.2	1.2	10:17	0.0	0.0	-
10:18	1.2	1.2	10:18	0.0	0.0	-
10:19	1.2	1.2	10:19	0.0	0.0	-
10:20	1.2	1.2	10:20	0.0	0.0	-
10:21	1.2	1.2	10:21	0.0	0.0	-
10:22	1.3	1.2	10:22	0.0	0.0	-
10:23	1.1	1.2	10:23	0.0	0.0	-
10:24	1.1	1.2	10:24	0.0	0.0	-
10:25	1.0	1.2	10:25	0.0	0.0	-
10:26	1.1	1.2	10:26	0.0	0.0	-
10:27	1.1	1.2	10:27	0.0	0.0	-
10:28	1.0	1.1	10:28	0.0	0.0	-
10:29	1.1	1.1	10:29	0.0	0.0	-
10:30	1.1	1.1	10:30	0.0	0.0	-
10:31	1.2	1.1	10:31	0.0	0.0	-
10:32	1.1	1.1	10:32	0.0	0.0	-
10:33	1.2	1.1	10:33	0.0	0.0	-
10:34	1.3	1.1	10:34	0.0	0.0	-
10:35	1.4	1.2	10:35	0.0	0.0	-
10:36	1.5	1.2	10:36	0.0	0.0	-
10:37	1.6	1.2	10:37	0.0	0.0	-
10:38	1.7	1.2	10:38	0.0	0.0	-
10:39	1.9	1.3	10:39	0.0	0.0	-
10:40	1.9	1.3	10:40	0.0	0.0	-
10:41	1.8	1.4	10:41	0.0	0.0	-
10:42	1.8	1.4	10:42	0.0	0.0	-
10:43	1.8	1.5	10:43	0.0	0.0	-
10:44	1.8	1.5	10:44	0.0	0.0	-
10:45	1.9	1.6	10:45	0.0	0.0	-
10:46	1.9	1.6	10:46	0.0	0.0	-
10:47	1.8	1.7	10:47	0.0	0.0	-
10:48	1.7	1.7	10:48	0.0	0.0	-
10:49	1.7	1.7	10:49	0.0	0.0	-
10:50	1.4	1.7	10:50	0.0	0.0	-
10:51	1.3	1.7	10:51	0.0	0.0	-
10:52	1.3	1.7	10:52	0.0	0.0	-
10:53	1.1	1.7	10:53	0.0	0.0	-
10:54	0.9	1.6	10:54	0.0	0.0	-
10:55	0.7	1.5	10:55	0.0	0.0	-
10:56	0.4	1.4	10:56	0.0	0.0	-
10:57	0.2	1.3	10:57	0.0	0.0	-
10:58	0.3	1.2	10:58	0.0	0.0	-
10:59	0.4	1.1	10:59	0.0	0.0	-

CAMP Data
Sun Valley Nursery Filling Station Site
Ossining, New York
BCP No C360207
September 13, 2023

PID DATA						
Upwind			Downwind			Exceeds VOC Alarm Limit
Time	Concentration (ppm)	15-Min Avg Concentration (ppm)	Time	Concentration (ppm)	15-Min Avg Concentration (ppm)	
11:00	0.1	1.0	11:00	0.0	0.0	-
11:01	0.1	0.9	11:01	0.0	0.0	-
11:02	0.1	0.8	11:02	0.0	0.0	-
11:03	0.0	0.7	11:03	0.0	0.0	-
11:04	0.0	0.5	11:04	0.0	0.0	-
11:05	0.0	0.5	11:05	0.0	0.0	-
11:06	0.0	0.4	11:06	0.0	0.0	-
11:07	0.0	0.3	11:07	0.0	0.0	-
11:08	0.0	0.2	11:08	0.0	0.0	-
11:09	0.0	0.2	11:09	0.0	0.0	-
11:10	0.0	0.1	11:10	0.0	0.0	-
11:11	0.0	0.1	11:11	0.0	0.0	-
11:12	0.1	0.1	11:12	0.0	0.0	-
11:13	0.3	0.1	11:13	0.0	0.0	-
11:14	0.4	0.1	11:14	0.0	0.0	-
11:15	0.3	0.1	11:15	0.0	0.0	-
11:16	0.5	0.1	11:16	0.0	0.0	-
11:17	0.6	0.2	11:17	0.0	0.0	-
11:18	0.7	0.2	11:18	0.0	0.0	-
11:19	0.8	0.3	11:19	0.0	0.0	-
11:20	1.2	0.3	11:20	0.0	0.0	-
11:21	1.2	0.4	11:21	0.0	0.0	-
11:22	1.0	0.5	11:22	0.0	0.0	-
11:23	1.3	0.6	11:23	0.0	0.0	-
11:24	1.1	0.6	11:24	0.0	0.0	-
11:25	1.0	0.7	11:25	0.0	0.0	-
11:26	0.9	0.8	11:26	0.0	0.0	-
11:27	1.0	0.8	11:27	0.0	0.0	-
11:28	1.1	0.9	11:28	0.0	0.0	-
11:29	1.0	0.9	11:29	0.0	0.0	-
11:30	0.6	0.9	11:30	0.0	0.0	-
11:31	0.6	0.9	11:31	0.0	0.0	-
11:32	0.8	0.9	11:32	0.0	0.0	-
11:33	0.7	0.9	11:33	0.0	0.0	-
11:34	0.5	0.9	11:34	0.0	0.0	-
11:35	0.2	0.9	11:35	0.0	0.0	-
11:36	0.1	0.8	11:36	0.0	0.0	-
11:37	0.0	0.7	11:37	0.0	0.0	-
11:38	0.0	0.6	11:38	0.0	0.0	-
11:39	0.0	0.6	11:39	0.0	0.0	-
11:40	0.0	0.5	11:40	0.0	0.0	-
11:41	0.0	0.4	11:41	0.0	0.0	-
11:42	0.0	0.4	11:42	0.0	0.0	-
11:43	0.0	0.3	11:43	0.0	0.0	-
11:44	0.0	0.2	11:44	0.0	0.0	-
11:45	0.0	0.2	11:45	0.0	0.0	-
11:46	0.0	0.2	11:46	0.0	0.0	-

CAMP Data
Sun Valley Nursery Filling Station Site
Ossining, New York
BCP No C360207
September 13, 2023

PID DATA						
Upwind			Downwind			Exceeds VOC Alarm Limit
Time	Concentration (ppm)	15-Min Avg Concentration (ppm)	Time	Concentration (ppm)	15-Min Avg Concentration (ppm)	
11:47	0.0	0.1	11:47	0.0	0.0	-
11:48	0.0	0.1	11:48	0.0	0.0	-
11:49	0.0	0.0	11:49	0.0	0.0	-
11:50	0.0	0.0	11:50	0.0	0.0	-
11:51	0.0	0.0	11:51	0.0	0.0	-
11:52	0.0	0.0	11:52	0.0	0.0	-
11:53	0.0	0.0	11:53	0.0	0.0	-
11:54	0.0	0.0	11:54	0.0	0.0	-
11:55	0.0	0.0	11:55	0.0	0.0	-
11:56	0.0	0.0	11:56	0.0	0.0	-
11:57	0.0	0.0	11:57	0.0	0.0	-
11:58	0.0	0.0	11:58	0.0	0.0	-
11:59	0.0	0.0	11:59	0.0	0.0	-
12:00	0.0	0.0	12:00	0.0	0.0	-
12:01	0.0	0.0	12:01	0.0	0.0	-
12:02	0.0	0.0	12:02	0.0	0.0	-
12:03	0.0	0.0	12:03	0.0	0.0	-
12:04	0.0	0.0	12:04	0.0	0.0	-
12:05	0.0	0.0	12:05	0.0	0.0	-
12:06	0.0	0.0	12:06	0.0	0.0	-
12:07	0.0	0.0	12:07	0.0	0.0	-
12:08	0.0	0.0	12:08	0.0	0.0	-
12:09	0.0	0.0	12:09	0.0	0.0	-
12:10	0.0	0.0	12:10	0.0	0.0	-
12:11	0.0	0.0	12:11	0.0	0.0	-
12:12	0.0	0.0	12:12	0.0	0.0	-
12:13	0.0	0.0	12:13	0.0	0.0	-
12:14	0.0	0.0	12:14	0.0	0.0	-
12:15	0.0	0.0	12:15	0.0	0.0	-
12:16	0.0	0.0	12:16	0.0	0.0	-
12:17	0.0	0.0	12:17	0.0	0.0	-
12:18	0.0	0.0	12:18	0.0	0.0	-
12:19	0.0	0.0	12:19	0.0	0.0	-
12:20	0.0	0.0	12:20	0.0	0.0	-
12:21	0.0	0.0	12:21	0.0	0.0	-
12:22	0.0	0.0	12:22	0.0	0.0	-
12:23	0.0	0.0	12:23	0.0	0.0	-
12:24	0.0	0.0	12:24	0.0	0.0	-
12:25	0.0	0.0	12:25	0.0	0.0	-
12:26	0.0	0.0	12:26	0.0	0.0	-
12:27	0.0	0.0	12:27	0.0	0.0	-
12:28	0.0	0.0	12:28	0.0	0.0	-
12:29	0.0	0.0	12:29	0.0	0.0	-
12:30	0.0	0.0	12:30	0.0	0.0	-
12:31	0.0	0.0	12:31	0.0	0.0	-
12:32	0.0	0.0	12:32	0.0	0.0	-
12:33	0.0	0.0	12:33	0.0	0.0	-

CAMP Data
Sun Valley Nursery Filling Station Site
Ossining, New York
BCP No C360207
September 13, 2023

PID DATA						
Upwind			Downwind			Exceeds VOC Alarm Limit
Time	Concentration (ppm)	15-Min Avg Concentration (ppm)	Time	Concentration (ppm)	15-Min Avg Concentration (ppm)	
12:34	0.0	0.0	12:34	0.0	0.0	-
12:35	0.0	0.0	12:35	0.0	0.0	-
12:36	0.0	0.0	12:36	0.0	0.0	-
12:37	0.0	0.0	12:37	0.0	0.0	-
12:38	0.0	0.0	12:38	0.0	0.0	-
12:39	0.0	0.0	12:39	0.0	0.0	-
12:40	0.0	0.0	12:40	0.0	0.0	-
12:41	0.0	0.0	12:41	0.0	0.0	-
12:42	0.0	0.0	12:42	0.0	0.0	-
12:43	0.0	0.0	12:43	0.0	0.0	-
12:44	0.0	0.0	12:44	0.0	0.0	-
12:45	0.0	0.0	12:45	0.0	0.0	-
12:46	0.0	0.0	12:46	0.0	0.0	-
12:47	0.0	0.0	12:47	0.0	0.0	-
12:48	0.0	0.0	12:48	0.0	0.0	-
12:49	0.0	0.0	12:49	0.0	0.0	-
12:50	0.0	0.0	12:50	0.0	0.0	-
12:51	0.0	0.0	12:51	0.0	0.0	-
12:52	0.0	0.0	12:52	0.0	0.0	-
12:53	0.0	0.0	12:53	0.0	0.0	-
12:54	0.0	0.0	12:54	0.0	0.0	-
12:55	0.0	0.0	12:55	0.0	0.0	-
12:56	0.0	0.0	12:56	0.0	0.0	-
12:57	0.0	0.0	12:57	0.0	0.0	-
12:58	0.0	0.0	12:58	0.0	0.0	-
12:59	0.0	0.0	12:59	0.0	0.0	-
13:00	0.0	0.0	13:00	0.0	0.0	-
13:01	0.0	0.0	13:01	0.0	0.0	-
13:02	0.0	0.0	13:02	0.0	0.0	-
13:03	0.0	0.0	13:03	0.0	0.0	-
13:04	0.0	0.0	13:04	0.0	0.0	-
13:05	0.0	0.0	13:05	0.0	0.0	-
13:06	0.0	0.0	13:06	0.0	0.0	-
13:07	0.0	0.0	13:07	0.0	0.0	-
13:08	0.0	0.0	13:08	0.0	0.0	-
13:09	0.0	0.0	13:09	0.0	0.0	-
13:10	0.0	0.0	13:10	0.0	0.0	-
13:11	0.0	0.0	13:11	0.0	0.0	-
13:12	0.0	0.0	13:12	0.0	0.0	-
13:13	0.0	0.0	13:13	0.0	0.0	-
13:14	0.0	0.0	13:14	0.0	0.0	-
13:15	0.0	0.0	13:15	0.0	0.0	-
13:16	0.0	0.0	13:16	0.0	0.0	-
13:17	0.0	0.0	13:17	0.0	0.0	-
13:18	0.0	0.0	13:18	0.0	0.0	-
13:19	0.0	0.0	13:19	0.0	0.0	-
13:20	0.0	0.0	13:20	0.0	0.0	-

CAMP Data
Sun Valley Nursery Filling Station Site
Ossining, New York
BCP No C360207
September 13, 2023

PID DATA						
Upwind			Downwind			Exceeds VOC Alarm Limit
Time	Concentration (ppm)	15-Min Avg Concentration (ppm)	Time	Concentration (ppm)	15-Min Avg Concentration (ppm)	
13:21	0.0	0.0	13:21	0.0	0.0	-
13:22	0.0	0.0	13:22	0.0	0.0	-
13:23	0.0	0.0	13:23	0.0	0.0	-
13:24	0.0	0.0	13:24	0.0	0.0	-
13:25	0.0	0.0	13:25	0.0	0.0	-
13:26	0.0	0.0	13:26	0.0	0.0	-
13:27	0.0	0.0	13:27	0.0	0.0	-
13:28	0.0	0.0	13:28	0.0	0.0	-
13:29	0.0	0.0	13:29	0.0	0.0	-
13:30	0.0	0.0	13:30	0.0	0.0	-
13:31	0.0	0.0	13:31	0.0	0.0	-
13:32	0.0	0.0	13:32	0.0	0.0	-
13:33	0.0	0.0	13:33	0.0	0.0	-
13:34	0.0	0.0	13:34	0.0	0.0	-
13:35	0.0	0.0	13:35	0.0	0.0	-
13:36	0.0	0.0	13:36	0.0	0.0	-
13:37	0.0	0.0	13:37	0.0	0.0	-
13:38	0.0	0.0	13:38	0.0	0.0	-
13:39	0.0	0.0	13:39	0.0	0.0	-
13:40	0.0	0.0	13:40	0.0	0.0	-
13:41	0.0	0.0	13:41	0.0	0.0	-
13:42	0.0	0.0	13:42	0.0	0.0	-
13:43	0.0	0.0	13:43	0.0	0.0	-
13:44	0.0	0.0	13:44	0.0	0.0	-
13:45	0.0	0.0	13:45	0.0	0.0	-
13:46	0.0	0.0	13:46	0.0	0.0	-
13:47	0.0	0.0	13:47	0.0	0.0	-
13:48	0.0	0.0	13:48	0.0	0.0	-
13:49	0.0	0.0	13:49	0.0	0.0	-
13:50	0.0	0.0	13:50	0.0	0.0	-
13:51	0.0	0.0	13:51	0.0	0.0	-
13:52	0.0	0.0	13:52	0.0	0.0	-
13:53	0.0	0.0	13:53	0.0	0.0	-
13:54	0.0	0.0	13:54	0.0	0.0	-
13:55	0.0	0.0	13:55	0.0	0.0	-
13:56	0.0	0.0	13:56	0.0	0.0	-
13:57	0.0	0.0	13:57	0.0	0.0	-
13:58	0.0	0.0	13:58	0.0	0.0	-
13:59	0.0	0.0	13:59	0.0	0.0	-
14:00	0.0	0.0	14:00	0.0	0.0	-
14:01	0.0	0.0	14:01	0.0	0.0	-
14:02	0.0	0.0	14:02	0.0	0.0	-
14:03	0.0	0.0	14:03	0.0	0.0	-
14:04	0.0	0.0	14:04	0.0	0.0	-
14:05	0.0	0.0	14:05	0.0	0.0	-
14:06	0.0	0.0	14:06	0.0	0.0	-
14:07	0.0	0.0	14:07	0.0	0.0	-

CAMP Data
Sun Valley Nursery Filling Station Site
Ossining, New York
BCP No C360207
September 13, 2023

PID DATA						
Upwind			Downwind			Exceeds VOC Alarm Limit
Time	Concentration (ppm)	15-Min Avg Concentration (ppm)	Time	Concentration (ppm)	15-Min Avg Concentration (ppm)	
14:08	0.0	0.0	14:08	0.0	0.0	-
14:09	0.0	0.0	14:09	0.0	0.0	-
14:10	0.0	0.0	14:10	0.0	0.0	-
14:11	0.0	0.0	14:11	0.0	0.0	-
14:12	0.0	0.0	14:12	0.0	0.0	-
14:13	0.0	0.0	14:13	0.0	0.0	-
14:14	0.0	0.0	14:14	0.0	0.0	-
14:15	0.0	0.0	14:15	0.0	0.0	-
14:16	0.0	0.0	14:16	0.0	0.0	-
14:17	0.0	0.0	14:17	0.0	0.0	-
14:18	0.0	0.0	14:18	0.0	0.0	-
14:19	0.0	0.0	14:19	0.0	0.0	-
14:20	0.0	0.0	14:20	0.0	0.0	-
14:21	0.0	0.0	14:21	0.0	0.0	-
14:22	0.0	0.0	14:22	0.0	0.0	-
14:23	0.0	0.0	14:23	0.0	0.0	-
14:24	0.0	0.0	14:24	0.0	0.0	-
14:25	0.0	0.0	14:25	0.0	0.0	-
14:26	0.0	0.0	14:26	0.0	0.0	-
14:27	0.0	0.0	14:27	0.0	0.0	-
14:28	0.0	0.0	14:28	0.0	0.0	-
14:29	0.0	0.0	14:29	0.0	0.0	-
14:30	0.0	0.0	14:30	0.0	0.0	-
14:31	0.0	0.0	14:31	0.0	0.0	-
14:32	0.0	0.0	14:32	0.0	0.0	-
14:33	0.0	0.0	14:33	0.0	0.0	-
14:34	0.0	0.0	14:34	0.0	0.0	-
14:35	0.0	0.0	14:35	0.0	0.0	-
14:36	0.0	0.0	14:36	0.0	0.0	-
14:37	0.0	0.0	14:37	0.0	0.0	-
14:38	0.0	0.0	14:38	0.0	0.0	-
14:39	0.0	0.0	14:39	0.0	0.0	-
14:40	0.0	0.0	14:40	0.0	0.0	-
14:41	0.0	0.0	14:41	0.0	0.0	-
14:42	0.0	0.0	14:42	0.0	0.0	-
14:43	0.0	0.0	14:43	0.0	0.0	-
14:44	0.0	0.0	14:44	0.0	0.0	-
14:45	0.0	0.0	14:45	0.0	0.0	-
14:46	0.0	0.0	14:46	0.0	0.0	-
14:47	0.0	0.0	14:47	0.0	0.0	-
14:48	0.0	0.0	14:48	0.0	0.0	-
14:49	0.0	0.0	14:49	0.0	0.0	-
14:50	0.0	0.0	14:50	0.0	0.0	-
14:51	0.0	0.0	14:51	0.0	0.0	-
14:52	0.0	0.0	14:52	0.0	0.0	-
14:53	0.0	0.0	14:53	0.0	0.0	-
14:54	0.0	0.0	14:54	0.0	0.0	-

CAMP Data
Sun Valley Nursery Filling Station Site
Ossining, New York
BCP No C360207
September 13, 2023

PID DATA						
Upwind			Downwind			Exceeds VOC Alarm Limit
Time	Concentration (ppm)	15-Min Avg Concentration (ppm)	Time	Concentration (ppm)	15-Min Avg Concentration (ppm)	
14:55	0.0	0.0	14:55	0.0	0.0	-
14:56	0.0	0.0	14:56	0.0	0.0	-
14:57	0.0	0.0	14:57	0.0	0.0	-
14:58	0.0	0.0	14:58	0.0	0.0	-
14:59	0.0	0.0	14:59	0.0	0.0	-
15:00	0.0	0.0	15:00	0.0	0.0	-
15:01	0.0	0.0	15:01	0.0	0.0	-
15:02	0.0	0.0	15:02	0.0	0.0	-
15:03	0.0	0.0	15:03	0.0	0.0	-
15:04	0.0	0.0	15:04	0.0	0.0	-
15:05	0.0	0.0	15:05	0.0	0.0	-
15:06	0.0	0.0	15:06	0.0	0.0	-
15:07	0.0	0.0	15:07	0.0	0.0	-
15:08	0.0	0.0	15:08	0.0	0.0	-
15:09	0.0	0.0	15:09	0.0	0.0	-
15:10	0.0	0.0	15:10	0.0	0.0	-
15:11	0.0	0.0	15:11	0.0	0.0	-
15:12	0.0	0.0	15:12	0.0	0.0	-
15:13	0.0	0.0	15:13	0.0	0.0	-
15:14	0.0	0.0	15:14	0.0	0.0	-
15:15	0.0	0.0	15:15	0.0	0.0	-



959 US-46 Floor 3, Suite 300 - Parsippany-Troy Hills, NJ

DAILY AIR MONITORING REPORT

136-140 Croton Avenue

Ossining, New York

09/14/2023

Rev. No. 0

Page 1 of 2

Project Number: 12060

Dust Action Level

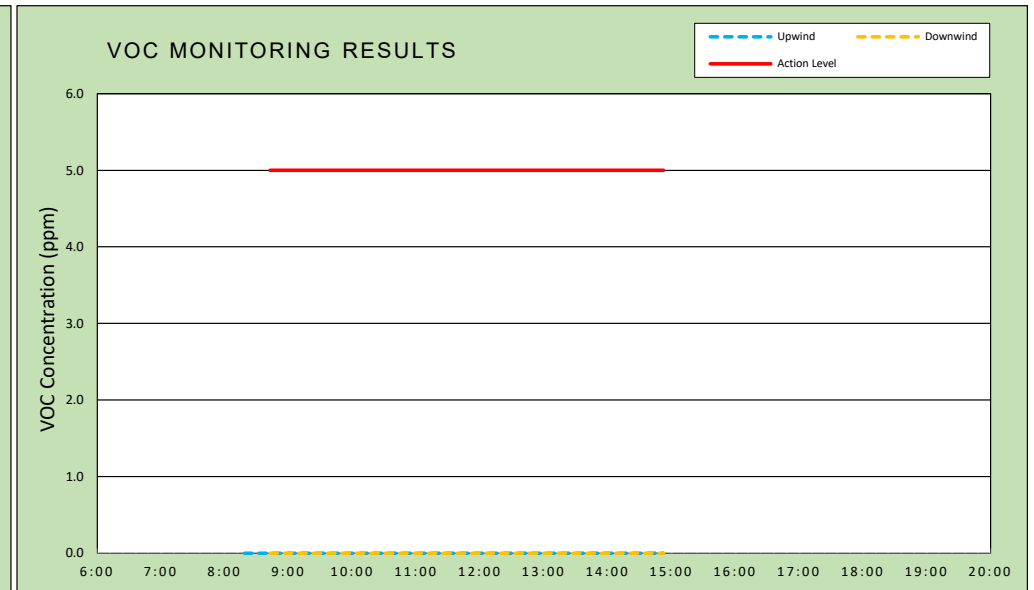
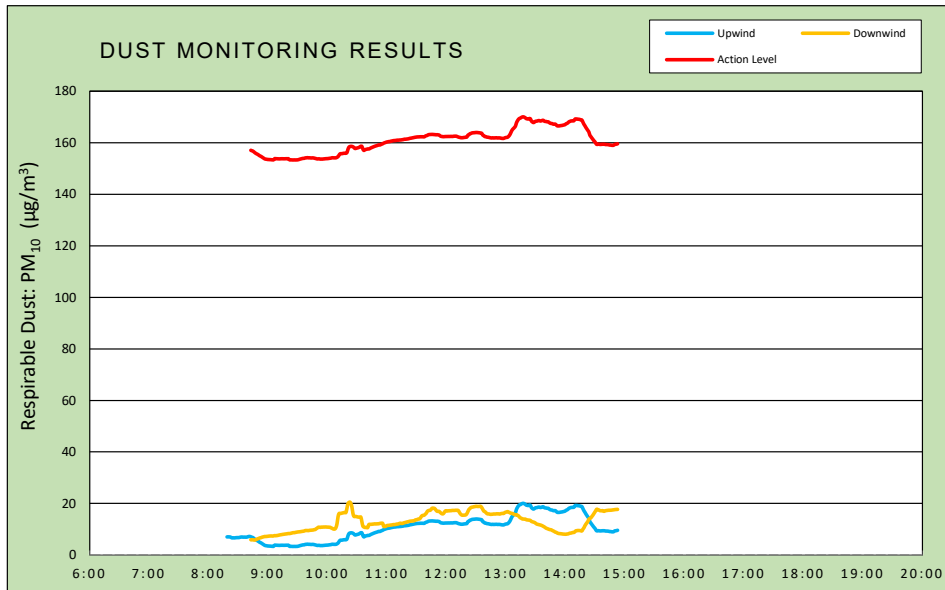
150 $\mu\text{g}/\text{m}^3$

VOC Action Level

5 ppm

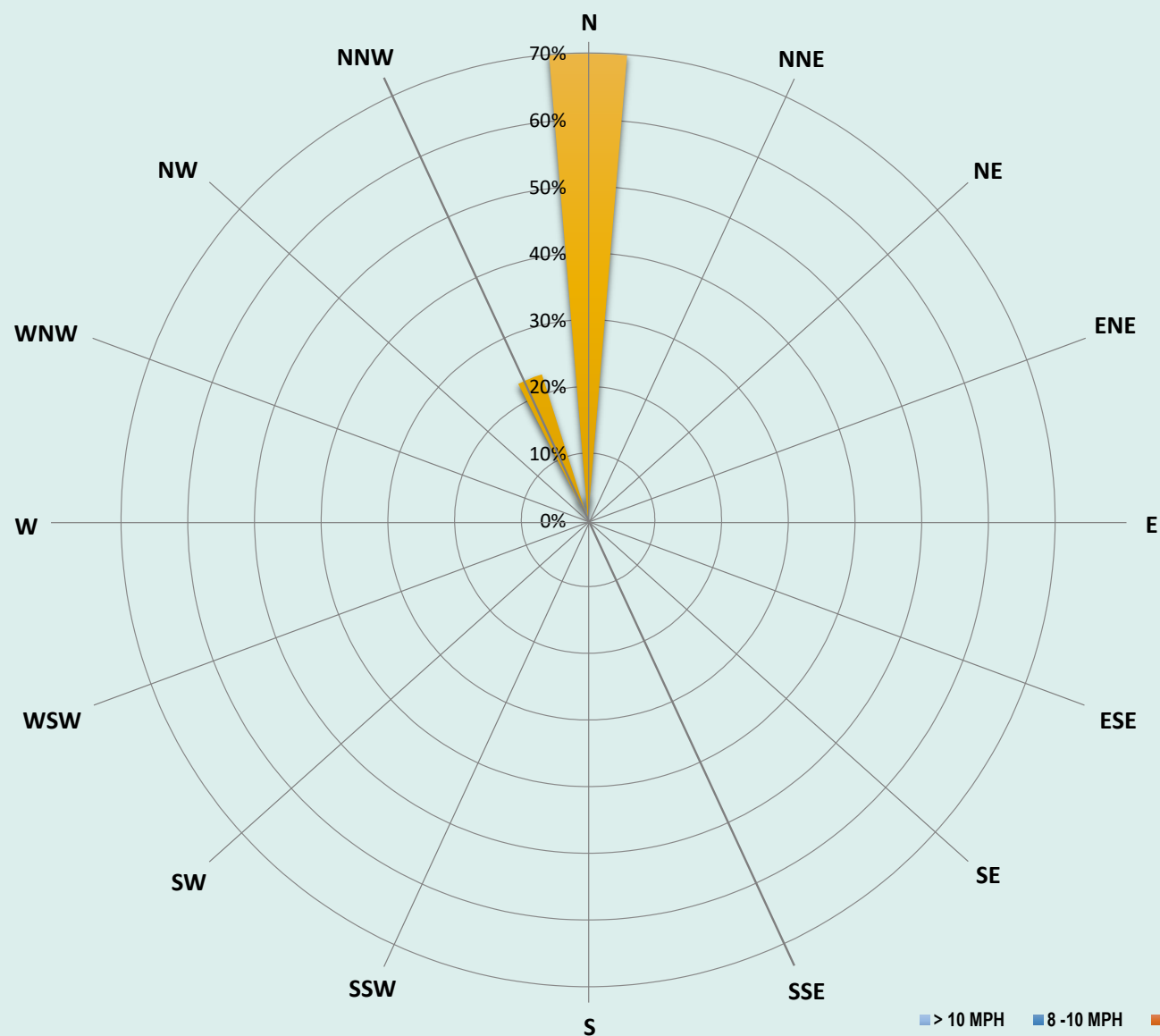
Weather Data Range for Work Day		Wind Direction	N	Relative Humidity (%)	52.0 - 84.0	Daily Rain Total (in)	0.00	Readings in the summary table and graphs below are the reported downwind concentrations.
Temperature (°F)	61.0 - 74.0	Wind Speed (MPH)	2.4 - 4.6	Barometer (inHg)	30.00 - 30.10	Avg. Dew Point Temp (°F)	56.9	

Station Location	Daily Avg. Dust Concentration ($\mu\text{g}/\text{m}^3$)	Max 15-Min Dust Concentration ($\mu\text{g}/\text{m}^3$)	Time of Max Dust Reading	Daily Avg. VOC Concentration (ppm)	Max 15-Min VOC Concentration (ppm)	Time of Max VOC Reading
Upwind	10.4	20.0	13:18	0.0	0.0	8:19
Downwind	12.9	20.5	10:23	0.0	0.0	8:43



Air Monitoring Notes:

Weather Notes:



SESI - Croton Ave
Air Monitoring
09/14/23
Wind Speed & Direction
Daily Readings

CAMP Data
Sun Valley Nursery Filling Station Site
Ossining, New York
BCP No C360207
September 14, 2023

Thursday, September 14, 2023						
Number of Instances Where Downwind Particulates Exceeds Upwind Particulate + 150 =						0
Number of Comparable Data Points =						371
Start Time:						8:04
End Time:						14:53
PARTICULATE DATA						
Upwind			Downwind			Exceeds Particulate Alarm Limit
Time	Concentration (ug/m ³)	15-Min Avg Concentration (ug/m ³)	Time	Concentration (ug/m ³)	15-Min Avg Concentration (ug/m ³)	
8:04	3.5	-	8:04	-	-	-
8:05	6.8	-	8:05	-	-	-
8:06	7.5	-	8:06	-	-	-
8:07	7.3	-	8:07	-	-	-
8:08	9.3	-	8:08	-	-	-
8:09	9.8	-	8:09	-	-	-
8:10	5.8	-	8:10	-	-	-
8:11	7.3	-	8:11	-	-	-
8:12	6.8	-	8:12	-	-	-
8:13	6.3	-	8:13	-	-	-
8:14	6.3	-	8:14	-	-	-
8:15	6.5	-	8:15	-	-	-
8:16	7.3	-	8:16	-	-	-
8:17	6.3	-	8:17	-	-	-
8:18	6.0	-	8:18	-	-	-
8:19	6.5	7.0	8:19	-	-	-
8:20	7.3	7.1	8:20	-	-	-
8:21	7.0	7.0	8:21	-	-	-
8:22	7.0	7.0	8:22	-	-	-
8:23	6.8	6.8	8:23	-	-	-
8:24	6.8	6.6	8:24	-	-	-
8:25	6.5	6.7	8:25	-	-	-
8:26	6.5	6.6	8:26	-	-	-
8:27	7.3	6.7	8:27	-	-	-
8:28	7.0	6.7	8:28	5.5	-	-
8:29	6.8	6.8	8:29	7.5	-	-
8:30	6.5	6.8	8:30	6.5	-	-
8:31	7.5	6.8	8:31	8.5	-	-
8:32	7.8	6.9	8:32	6.8	-	-
8:33	7.3	7.0	8:33	5.8	-	-
8:34	7.0	7.0	8:34	5.3	-	-
8:35	6.5	6.9	8:35	5.3	-	-
8:36	7.0	6.9	8:36	4.5	-	-
8:37	7.0	6.9	8:37	4.5	-	-
8:38	6.5	6.9	8:38	6.3	-	-
8:39	7.3	7.0	8:39	4.5	-	-
8:40	8.5	7.1	8:40	5.0	-	-
8:41	8.0	7.2	8:41	5.5	-	-
8:42	7.3	7.2	8:42	5.8	-	-
8:43	5.3	7.1	8:43	7.3	5.9	-
8:44	4.3	6.9	8:44	7.0	5.9	-

CAMP Data
Sun Valley Nursery Filling Station Site
Ossining, New York
BCP No C360207
September 14, 2023

PARTICULATE DATA						
Upwind			Downwind			Exceeds Particulate Alarm Limit
Time	Concentration (ug/m ³)	15-Min Avg Concentration (ug/m ³)	Time	Concentration (ug/m ³)	15-Min Avg Concentration (ug/m ³)	
8:45	4.5	6.8	8:45	7.0	5.9	-
8:46	3.3	6.5	8:46	7.0	5.8	-
8:47	3.0	6.2	8:47	6.8	5.8	-
8:48	3.0	5.9	8:48	7.5	5.9	-
8:49	3.8	5.7	8:49	8.3	6.1	-
8:50	3.5	5.5	8:50	7.8	6.3	-
8:51	3.0	5.2	8:51	6.5	6.4	-
8:52	3.0	4.9	8:52	7.3	6.6	-
8:53	3.8	4.8	8:53	7.5	6.7	-
8:54	3.8	4.5	8:54	6.8	6.9	-
8:55	4.5	4.3	8:55	7.0	7.0	-
8:56	4.3	4.0	8:56	6.8	7.1	-
8:57	3.5	3.8	8:57	7.5	7.2	-
8:58	3.5	3.6	8:58	7.0	7.2	-
8:59	3.5	3.6	8:59	7.8	7.2	-
9:00	3.3	3.5	9:00	7.5	7.3	-
9:01	3.0	3.5	9:01	8.0	7.3	-
9:02	2.5	3.5	9:02	7.3	7.4	-
9:03	2.8	3.4	9:03	8.0	7.4	-
9:04	3.0	3.4	9:04	8.3	7.4	-
9:05	3.3	3.4	9:05	7.3	7.4	-
9:06	3.0	3.4	9:06	7.5	7.4	-
9:07	10.0	3.8	9:07	8.8	7.5	-
9:08	3.3	3.8	9:08	7.0	7.5	-
9:09	3.8	3.8	9:09	7.5	7.5	-
9:10	4.0	3.8	9:10	7.8	7.6	-
9:11	4.0	3.8	9:11	8.3	7.7	-
9:12	3.3	3.7	9:12	8.8	7.8	-
9:13	4.0	3.8	9:13	8.3	7.9	-
9:14	3.8	3.8	9:14	8.5	7.9	-
9:15	3.3	3.8	9:15	8.8	8.0	-
9:16	2.8	3.8	9:16	8.8	8.0	-
9:17	2.5	3.8	9:17	8.3	8.1	-
9:18	3.0	3.8	9:18	8.8	8.2	-
9:19	3.3	3.8	9:19	9.0	8.2	-
9:20	2.8	3.8	9:20	8.3	8.3	-
9:21	3.5	3.8	9:21	8.5	8.3	-
9:22	3.5	3.4	9:22	8.5	8.3	-
9:23	3.0	3.4	9:23	8.3	8.4	-
9:24	3.8	3.4	9:24	8.8	8.5	-
9:25	3.5	3.3	9:25	9.5	8.6	-
9:26	4.0	3.3	9:26	9.3	8.7	-
9:27	3.5	3.3	9:27	8.8	8.7	-
9:28	3.8	3.3	9:28	9.8	8.8	-
9:29	4.0	3.3	9:29	9.5	8.8	-
9:30	3.5	3.4	9:30	10.0	8.9	-
9:31	4.0	3.4	9:31	9.5	9.0	-

CAMP Data
Sun Valley Nursery Filling Station Site
Ossining, New York
BCP No C360207
September 14, 2023

PARTICULATE DATA						
Upwind			Downwind			Exceeds Particulate Alarm Limit
Time	Concentration (ug/m ³)	15-Min Avg Concentration (ug/m ³)	Time	Concentration (ug/m ³)	15-Min Avg Concentration (ug/m ³)	
9:32	4.3	3.6	9:32	8.8	9.0	-
9:33	5.0	3.7	9:33	9.5	9.1	-
9:34	4.5	3.8	9:34	10.0	9.1	-
9:35	4.5	3.9	9:35	9.3	9.2	-
9:36	4.3	3.9	9:36	9.3	9.2	-
9:37	4.0	4.0	9:37	10.0	9.3	-
9:38	5.3	4.1	9:38	10.5	9.5	-
9:39	4.0	4.1	9:39	9.0	9.5	-
9:40	4.5	4.2	9:40	9.5	9.5	-
9:41	3.3	4.2	9:41	8.8	9.5	-
9:42	3.5	4.2	9:42	10.0	9.6	-
9:43	3.3	4.1	9:43	10.5	9.6	-
9:44	3.5	4.1	9:44	10.0	9.6	-
9:45	4.0	4.1	9:45	10.5	9.7	-
9:46	3.8	4.1	9:46	10.3	9.7	-
9:47	3.0	4.0	9:47	10.5	9.8	-
9:48	3.5	3.9	9:48	10.5	9.9	-
9:49	3.0	3.8	9:49	14.5	10.2	-
9:50	3.0	3.7	9:50	12.8	10.4	-
9:51	4.5	3.7	9:51	14.0	10.8	-
9:52	4.3	3.8	9:52	10.5	10.8	-
9:53	3.8	3.7	9:53	9.5	10.7	-
9:54	4.3	3.7	9:54	10.5	10.8	-
9:55	4.3	3.7	9:55	9.3	10.8	-
9:56	4.0	3.7	9:56	9.5	10.9	-
9:57	4.0	3.7	9:57	10.0	10.9	-
9:58	4.0	3.8	9:58	10.8	10.9	-
9:59	4.0	3.8	9:59	10.0	10.9	-
10:00	4.3	3.8	10:00	9.8	10.8	-
10:01	4.3	3.9	10:01	10.3	10.8	-
10:02	4.0	3.9	10:02	9.8	10.8	-
10:03	4.3	4.0	10:03	10.3	10.8	-
10:04	4.0	4.1	10:04	11.0	10.5	-
10:05	4.8	4.2	10:05	10.5	10.4	-
10:06	4.3	4.2	10:06	10.5	10.1	-
10:07	4.0	4.1	10:07	9.3	10.1	-
10:08	3.8	4.1	10:08	11.0	10.2	-
10:09	4.8	4.2	10:09	20.0	10.8	-
10:10	7.0	4.4	10:10	31.0	12.2	-
10:11	8.3	4.6	10:11	49.0	14.9	-
10:12	12.3	5.2	10:12	28.5	16.1	-
10:13	11.5	5.7	10:13	11.3	16.1	-
10:14	5.0	5.8	10:14	10.3	16.2	-
10:15	4.5	5.8	10:15	11.5	16.3	-
10:16	5.5	5.9	10:16	11.5	16.4	-
10:17	5.0	5.9	10:17	11.3	16.5	-
10:18	4.3	5.9	10:18	10.5	16.5	-

CAMP Data
Sun Valley Nursery Filling Station Site
Ossining, New York
BCP No C360207
September 14, 2023

PARTICULATE DATA						
Upwind			Downwind			Exceeds Particulate Alarm Limit
Time	Concentration (ug/m ³)	15-Min Avg Concentration (ug/m ³)	Time	Concentration (ug/m ³)	15-Min Avg Concentration (ug/m ³)	
10:19	4.3	5.9	10:19	11.0	16.5	-
10:20	8.8	6.2	10:20	36.3	18.2	-
10:21	22.8	7.4	10:21	36.5	19.9	-
10:22	16.8	8.3	10:22	16.3	20.4	-
10:23	7.3	8.5	10:23	13.0	20.5	-
10:24	6.0	8.6	10:24	10.5	19.9	-
10:25	6.5	8.6	10:25	11.8	18.6	-
10:26	6.3	8.4	10:26	12.5	16.2	-
10:27	8.0	8.2	10:27	11.0	15.0	-
10:28	6.0	7.8	10:28	10.3	14.9	-
10:29	5.5	7.8	10:29	10.5	15.0	-
10:30	6.3	7.9	10:30	10.0	14.9	-
10:31	7.0	8.0	10:31	10.0	14.8	-
10:32	7.0	8.2	10:32	10.5	14.7	-
10:33	7.8	8.4	10:33	10.5	14.7	-
10:34	7.8	8.6	10:34	11.5	14.7	-
10:35	8.3	8.6	10:35	10.3	13.0	-
10:36	8.0	7.6	10:36	10.3	11.3	-
10:37	7.8	7.0	10:37	10.8	10.9	-
10:38	11.0	7.3	10:38	10.3	10.7	-
10:39	8.0	7.4	10:39	10.5	10.7	-
10:40	7.8	7.5	10:40	11.0	10.7	-
10:41	8.0	7.6	10:41	12.3	10.6	-
10:42	7.8	7.6	10:42	28.5	11.8	-
10:43	8.3	7.7	10:43	11.8	11.9	-
10:44	9.0	8.0	10:44	10.5	11.9	-
10:45	8.8	8.1	10:45	10.5	11.9	-
10:46	9.5	8.3	10:46	10.8	12.0	-
10:47	9.5	8.5	10:47	11.0	12.0	-
10:48	10.0	8.6	10:48	11.5	12.1	-
10:49	9.8	8.8	10:49	11.0	12.1	-
10:50	10.0	8.9	10:50	10.8	12.1	-
10:51	10.0	9.0	10:51	10.5	12.1	-
10:52	10.3	9.2	10:52	11.3	12.1	-
10:53	10.3	9.1	10:53	11.8	12.2	-
10:54	10.3	9.3	10:54	11.8	12.3	-
10:55	10.5	9.5	10:55	11.0	12.3	-
10:56	10.3	9.6	10:56	12.0	12.3	-
10:57	11.3	9.8	10:57	10.5	11.1	-
10:58	10.5	10.0	10:58	11.0	11.1	-
10:59	11.0	10.1	10:59	11.8	11.1	-
11:00	11.0	10.3	11:00	14.0	11.4	-
11:01	10.5	10.3	11:01	12.3	11.5	-
11:02	11.0	10.4	11:02	11.5	11.5	-
11:03	10.3	10.5	11:03	12.3	11.6	-
11:04	11.5	10.6	11:04	12.0	11.6	-
11:05	11.3	10.7	11:05	11.3	11.7	-

CAMP Data
Sun Valley Nursery Filling Station Site
Ossining, New York
BCP No C360207
September 14, 2023

PARTICULATE DATA						
Upwind			Downwind			Exceeds Particulate Alarm Limit
Time	Concentration (ug/m ³)	15-Min Avg Concentration (ug/m ³)	Time	Concentration (ug/m ³)	15-Min Avg Concentration (ug/m ³)	
11:06	11.3	10.7	11:06	11.8	11.7	-
11:07	11.5	10.8	11:07	12.3	11.8	-
11:08	10.8	10.9	11:08	11.8	11.8	-
11:09	10.8	10.9	11:09	12.5	11.9	-
11:10	11.5	11.0	11:10	13.0	12.0	-
11:11	11.0	11.0	11:11	12.3	12.0	-
11:12	11.3	11.0	11:12	12.3	12.1	-
11:13	11.3	11.1	11:13	13.0	12.3	-
11:14	11.3	11.1	11:14	13.0	12.3	-
11:15	11.8	11.1	11:15	12.8	12.3	-
11:16	11.5	11.2	11:16	12.5	12.3	-
11:17	12.0	11.3	11:17	14.0	12.4	-
11:18	12.0	11.4	11:18	13.8	12.5	-
11:19	11.5	11.4	11:19	13.5	12.6	-
11:20	12.0	11.4	11:20	13.0	12.8	-
11:21	12.0	11.5	11:21	13.5	12.9	-
11:22	12.5	11.5	11:22	13.3	12.9	-
11:23	12.5	11.7	11:23	13.8	13.1	-
11:24	12.3	11.8	11:24	13.5	13.1	-
11:25	12.3	11.8	11:25	13.5	13.2	-
11:26	12.5	11.9	11:26	13.0	13.2	-
11:27	12.3	12.0	11:27	12.8	13.3	-
11:28	12.8	12.1	11:28	14.3	13.3	-
11:29	12.3	12.1	11:29	17.3	13.6	-
11:30	12.8	12.2	11:30	13.3	13.7	-
11:31	12.3	12.3	11:31	14.8	13.8	-
11:32	12.3	12.3	11:32	16.3	14.0	-
11:33	12.3	12.3	11:33	14.3	14.0	-
11:34	12.0	12.3	11:34	18.8	14.3	-
11:35	12.0	12.3	11:35	22.0	14.9	-
11:36	12.0	12.3	11:36	19.0	15.3	-
11:37	12.3	12.3	11:37	14.3	15.4	-
11:38	12.5	12.3	11:38	15.5	15.5	-
11:39	16.3	12.6	11:39	19.0	15.9	-
11:40	14.8	12.7	11:40	19.0	16.2	-
11:41	14.3	12.9	11:41	23.3	16.9	-
11:42	15.8	13.1	11:42	17.3	17.2	-
11:43	14.0	13.2	11:43	15.8	17.3	-
11:44	12.8	13.2	11:44	18.3	17.4	-
11:45	13.0	13.2	11:45	19.0	17.8	-
11:46	12.5	13.2	11:46	21.5	18.2	-
11:47	11.8	13.2	11:47	14.8	18.1	-
11:48	11.8	13.2	11:48	14.8	18.1	-
11:49	11.5	13.1	11:49	14.0	17.8	-
11:50	11.3	13.1	11:50	14.3	17.3	-
11:51	12.5	13.1	11:51	14.0	17.0	-
11:52	11.3	13.1	11:52	14.3	17.0	-

CAMP Data
Sun Valley Nursery Filling Station Site
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PARTICULATE DATA						
Upwind			Downwind			Exceeds Particulate Alarm Limit
Time	Concentration (ug/m ³)	15-Min Avg Concentration (ug/m ³)	Time	Concentration (ug/m ³)	15-Min Avg Concentration (ug/m ³)	
11:53	11.3	13.0	11:53	14.5	16.9	-
11:54	11.8	12.7	11:54	13.8	16.6	-
11:55	11.8	12.5	11:55	14.0	16.2	-
11:56	13.5	12.4	11:56	19.8	16.0	-
11:57	14.8	12.4	11:57	17.5	16.0	-
11:58	14.3	12.4	11:58	22.3	16.4	-
11:59	13.3	12.4	11:59	26.8	17.0	-
12:00	13.3	12.4	12:00	21.8	17.2	-
12:01	12.5	12.4	12:01	19.8	17.1	-
12:02	12.0	12.4	12:02	16.0	17.2	-
12:03	11.8	12.4	12:03	14.8	17.2	-
12:04	11.5	12.4	12:04	14.8	17.2	-
12:05	11.8	12.5	12:05	14.3	17.2	-
12:06	12.0	12.4	12:06	15.3	17.3	-
12:07	11.8	12.5	12:07	14.5	17.3	-
12:08	12.3	12.5	12:08	14.5	17.3	-
12:09	11.8	12.5	12:09	14.0	17.3	-
12:10	12.0	12.6	12:10	14.8	17.4	-
12:11	11.8	12.4	12:11	18.8	17.3	-
12:12	12.3	12.3	12:12	18.0	17.3	-
12:13	12.3	12.1	12:13	15.3	16.9	-
12:14	12.0	12.1	12:14	16.3	16.2	-
12:15	11.8	12.0	12:15	15.5	15.8	-
12:16	12.5	12.0	12:16	15.5	15.5	-
12:17	12.3	12.0	12:17	15.8	15.5	-
12:18	13.0	12.1	12:18	15.0	15.5	-
12:19	12.0	12.1	12:19	15.3	15.5	-
12:20	12.8	12.2	12:20	16.0	15.6	-
12:21	13.3	12.2	12:21	22.3	16.1	-
12:22	22.5	13.0	12:22	26.5	16.9	-
12:23	14.5	13.1	12:23	26.0	17.7	-
12:24	17.5	13.5	12:24	19.5	18.0	-
12:25	13.5	13.6	12:25	20.5	18.4	-
12:26	14.8	13.8	12:26	21.0	18.6	-
12:27	13.3	13.9	12:27	19.0	18.6	-
12:28	12.8	13.9	12:28	17.0	18.7	-
12:29	12.5	13.9	12:29	17.0	18.8	-
12:30	12.5	14.0	12:30	17.0	18.9	-
12:31	12.5	14.0	12:31	15.3	18.9	-
12:32	11.8	13.9	12:32	15.3	18.8	-
12:33	12.3	13.9	12:33	15.0	18.8	-
12:34	11.3	13.8	12:34	16.0	18.9	-
12:35	11.5	13.8	12:35	15.5	18.9	-
12:36	11.5	13.6	12:36	15.3	18.4	-
12:37	12.3	13.0	12:37	16.3	17.7	-
12:38	11.8	12.8	12:38	16.3	17.1	-
12:39	12.0	12.4	12:39	16.5	16.9	-

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PARTICULATE DATA						
Upwind			Downwind			Exceeds Particulate Alarm Limit
Time	Concentration (ug/m ³)	15-Min Avg Concentration (ug/m ³)	Time	Concentration (ug/m ³)	15-Min Avg Concentration (ug/m ³)	
12:40	13.0	12.4	12:40	15.8	16.5	-
12:41	12.3	12.2	12:41	15.0	16.1	-
12:42	12.5	12.2	12:42	16.3	16.0	-
12:43	11.8	12.1	12:43	17.0	16.0	-
12:44	11.0	12.0	12:44	15.5	15.9	-
12:45	11.3	11.9	12:45	15.8	15.8	-
12:46	11.8	11.9	12:46	16.0	15.8	-
12:47	12.8	11.9	12:47	15.5	15.8	-
12:48	11.3	11.9	12:48	16.3	15.9	-
12:49	11.8	11.9	12:49	15.8	15.9	-
12:50	11.8	11.9	12:50	15.8	15.9	-
12:51	11.8	11.9	12:51	16.3	16.0	-
12:52	11.3	11.9	12:52	16.0	16.0	-
12:53	12.3	11.9	12:53	16.3	16.0	-
12:54	11.8	11.9	12:54	15.3	15.9	-
12:55	12.0	11.8	12:55	17.8	16.0	-
12:56	11.0	11.7	12:56	16.3	16.1	-
12:57	12.0	11.7	12:57	17.0	16.2	-
12:58	11.8	11.7	12:58	16.5	16.1	-
12:59	13.5	11.9	12:59	19.8	16.4	-
13:00	13.3	12.0	13:00	18.8	16.6	-
13:01	13.0	12.1	13:01	17.3	16.7	-
13:02	13.8	12.1	13:02	18.0	16.9	-
13:03	16.3	12.5	13:03	13.3	16.7	-
13:04	18.8	12.9	13:04	13.0	16.5	-
13:05	22.3	13.6	13:05	12.8	16.3	-
13:06	24.8	14.5	13:06	15.3	16.2	-
13:07	20.8	15.1	13:07	14.0	16.1	-
13:08	18.3	15.5	13:08	13.8	15.9	-
13:09	18.0	16.0	13:09	13.0	15.8	-
13:10	20.3	16.5	13:10	14.3	15.5	-
13:11	29.5	17.7	13:11	18.3	15.7	-
13:12	23.5	18.5	13:12	13.5	15.4	-
13:13	20.5	19.1	13:13	13.0	15.2	-
13:14	18.5	19.4	13:14	13.0	14.7	-
13:15	15.8	19.6	13:15	13.8	14.4	-
13:16	16.8	19.8	13:16	14.8	14.2	-
13:17	16.3	20.0	13:17	14.3	14.0	-
13:18	16.8	20.0	13:18	13.0	14.0	-
13:19	16.5	19.9	13:19	12.3	13.9	-
13:20	18.5	19.6	13:20	12.8	13.9	-
13:21	20.3	19.3	13:21	11.5	13.7	-
13:22	20.0	19.3	13:22	13.3	13.6	-
13:23	16.8	19.2	13:23	12.8	13.6	-
13:24	21.0	19.4	13:24	12.5	13.5	-
13:25	18.8	19.3	13:25	12.5	13.4	-
13:26	17.0	18.5	13:26	13.3	13.1	-

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PARTICULATE DATA						
Upwind			Downwind			Exceeds Particulate Alarm Limit
Time	Concentration (ug/m ³)	15-Min Avg Concentration (ug/m ³)	Time	Concentration (ug/m ³)	15-Min Avg Concentration (ug/m ³)	
13:27	18.3	18.1	13:27	11.0	12.9	-
13:28	16.5	17.8	13:28	11.3	12.8	-
13:29	20.8	18.0	13:29	11.0	12.7	-
13:30	20.3	18.3	13:30	10.3	12.4	-
13:31	18.0	18.4	13:31	10.3	12.1	-
13:32	17.3	18.4	13:32	11.5	11.9	-
13:33	18.8	18.6	13:33	11.8	11.9	-
13:34	16.8	18.6	13:34	10.5	11.7	-
13:35	16.3	18.4	13:35	11.5	11.7	-
13:36	21.3	18.5	13:36	9.5	11.5	-
13:37	22.3	18.7	13:37	10.8	11.4	-
13:38	17.5	18.7	13:38	9.5	11.1	-
13:39	16.5	18.4	13:39	9.3	10.9	-
13:40	16.8	18.3	13:40	8.5	10.7	-
13:41	16.5	18.2	13:41	9.3	10.4	-
13:42	16.5	18.1	13:42	9.0	10.3	-
13:43	16.5	18.1	13:43	8.8	10.1	-
13:44	16.5	17.8	13:44	8.8	9.9	-
13:45	16.5	17.6	13:45	8.8	9.8	-
13:46	16.5	17.5	13:46	9.3	9.8	-
13:47	16.3	17.4	13:47	8.3	9.6	-
13:48	16.0	17.2	13:48	8.8	9.4	-
13:49	16.3	17.2	13:49	7.8	9.2	-
13:50	16.8	17.2	13:50	7.5	8.9	-
13:51	17.0	17.0	13:51	8.0	8.8	-
13:52	16.8	16.6	13:52	7.3	8.6	-
13:53	16.8	16.5	13:53	7.0	8.4	-
13:54	16.5	16.5	13:54	8.0	8.3	-
13:55	17.8	16.6	13:55	8.0	8.3	-
13:56	17.5	16.7	13:56	8.5	8.2	-
13:57	17.3	16.7	13:57	8.3	8.2	-
13:58	18.0	16.8	13:58	7.8	8.1	-
13:59	18.0	16.9	13:59	8.5	8.1	-
14:00	18.3	17.0	14:00	8.3	8.1	-
14:01	21.3	17.4	14:01	9.3	8.1	-
14:02	18.5	17.5	14:02	9.5	8.2	-
14:03	20.3	17.8	14:03	9.3	8.2	-
14:04	21.5	18.1	14:04	10.3	8.4	-
14:05	19.0	18.3	14:05	9.3	8.5	-
14:06	19.5	18.5	14:06	8.8	8.5	-
14:07	17.0	18.5	14:07	9.0	8.6	-
14:08	17.3	18.5	14:08	8.8	8.8	-
14:09	17.3	18.6	14:09	8.0	8.8	-
14:10	27.0	19.2	14:10	12.8	9.1	-
14:11	18.3	19.2	14:11	13.5	9.4	-
14:12	17.0	19.2	14:12	8.8	9.4	-
14:13	17.0	19.1	14:13	9.0	9.5	-

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PARTICULATE DATA						
Upwind			Downwind			Exceeds Particulate Alarm Limit
Time	Concentration (ug/m ³)	15-Min Avg Concentration (ug/m ³)	Time	Concentration (ug/m ³)	15-Min Avg Concentration (ug/m ³)	
14:14	17.5	19.1	14:14	8.0	9.5	-
14:15	17.0	19.0	14:15	8.3	9.5	-
14:16	19.0	18.9	14:16	8.0	9.4	-
14:17	17.5	18.8	14:17	8.3	9.3	-
14:18	8.3	18.0	14:18	19.8	10.0	-
14:19	9.6	17.2	14:19	18.0	10.5	-
14:20	10.0	16.6	14:20	21.3	11.3	-
14:21	9.4	15.9	14:21	18.0	12.0	-
14:22	8.2	15.3	14:22	17.3	12.5	-
14:23	8.4	14.8	14:23	16.5	13.0	-
14:24	8.6	14.2	14:24	21.0	13.9	-
14:25	8.8	13.0	14:25	17.0	14.2	-
14:26	9.8	12.4	14:26	17.3	14.4	-
14:27	8.8	11.9	14:27	16.3	14.9	-
14:28	9.4	11.4	14:28	16.5	15.4	-
14:29	9.6	10.8	14:29	17.0	16.0	-
14:30	10.8	10.4	14:30	17.3	16.6	-
14:31	9.8	9.8	14:31	17.0	17.2	-
14:32	10.6	9.3	14:32	16.8	17.8	-
14:33	9.8	9.4	14:33	16.8	17.6	-
14:34	9.2	9.4	14:34	16.8	17.5	-
14:35	9.2	9.4	14:35	17.3	17.2	-
14:36	9.2	9.3	14:36	17.3	17.2	-
14:37	8.8	9.4	14:37	17.0	17.2	-
14:38	8.8	9.4	14:38	17.3	17.2	-
14:39	8.6	9.4	14:39	17.0	17.0	-
14:40	8.4	9.4	14:40	18.5	17.1	-
14:41	8.4	9.3	14:41	19.5	17.2	-
14:42	8.8	9.3	14:42	17.3	17.3	-
14:43	9.0	9.3	14:43	17.3	17.3	-
14:44	8.8	9.2	14:44	17.8	17.4	-
14:45	9.2	9.1	14:45	17.3	17.4	-
14:46	9.6	9.1	14:46	17.3	17.4	-
14:47	9.4	9.0	14:47	17.3	17.4	-
14:48	9.4	9.0	14:48	17.8	17.5	-
14:49	10.0	9.0	14:49	17.5	17.5	-
14:50	13.6	9.3	14:50	18.3	17.6	-
14:51	10.2	9.4	14:51	18.0	17.7	-
14:52	10.0	9.5	14:52	17.5	17.7	-
14:53	10.4	9.6	14:53	17.5	17.7	-

CAMP Data
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Thursday, September 14, 2023						
Number of Instances Where Downwind VOCs Exceeds Upwind VOCs + 5 =						0
Number of Comparable Data Points =						371
Start Time:						8:04
End Time:						14:53
PID DATA						
Upwind			Downwind			Exceeds VOC Alarm Limit
Time	Concentration (ppm)	15-Min Avg Concentration (ppm)	Time	Concentration (ppm)	15-Min Avg Concentration (ppm)	
8:04	0.0	-	8:04	-	-	-
8:05	0.0	-	8:05	-	-	-
8:06	0.0	-	8:06	-	-	-
8:07	0.0	-	8:07	-	-	-
8:08	0.0	-	8:08	-	-	-
8:09	0.0	-	8:09	-	-	-
8:10	0.0	-	8:10	-	-	-
8:11	0.0	-	8:11	-	-	-
8:12	0.0	-	8:12	-	-	-
8:13	0.0	-	8:13	-	-	-
8:14	0.0	-	8:14	-	-	-
8:15	0.0	-	8:15	-	-	-
8:16	0.0	-	8:16	-	-	-
8:17	0.0	-	8:17	-	-	-
8:18	0.0	-	8:18	-	-	-
8:19	0.0	0.0	8:19	-	-	-
8:20	0.0	0.0	8:20	-	-	-
8:21	0.0	0.0	8:21	-	-	-
8:22	0.0	0.0	8:22	-	-	-
8:23	0.0	0.0	8:23	-	-	-
8:24	0.0	0.0	8:24	-	-	-
8:25	0.0	0.0	8:25	-	-	-
8:26	0.0	0.0	8:26	-	-	-
8:27	0.0	0.0	8:27	-	-	-
8:28	0.0	0.0	8:28	0.0	-	-
8:29	0.0	0.0	8:29	0.0	-	-
8:30	0.0	0.0	8:30	0.0	-	-
8:31	0.0	0.0	8:31	0.0	-	-
8:32	0.0	0.0	8:32	0.0	-	-
8:33	0.0	0.0	8:33	0.0	-	-
8:34	0.0	0.0	8:34	0.0	-	-
8:35	0.0	0.0	8:35	0.0	-	-
8:36	0.0	0.0	8:36	0.0	-	-
8:37	0.0	0.0	8:37	0.0	-	-
8:38	0.0	0.0	8:38	0.0	-	-
8:39	0.0	0.0	8:39	0.0	-	-
8:40	0.0	0.0	8:40	0.0	-	-
8:41	0.0	0.0	8:41	0.0	-	-
8:42	0.0	0.0	8:42	0.0	-	-
8:43	0.0	0.0	8:43	0.0	0.0	-
8:44	0.0	0.0	8:44	0.0	0.0	-
8:45	0.0	0.0	8:45	0.0	0.0	-

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PID DATA						
Upwind			Downwind			Exceeds VOC Alarm Limit
Time	Concentration (ppm)	15-Min Avg Concentration (ppm)	Time	Concentration (ppm)	15-Min Avg Concentration (ppm)	
8:46	0.0	0.0	8:46	0.0	0.0	-
8:47	0.0	0.0	8:47	0.0	0.0	-
8:48	0.0	0.0	8:48	0.0	0.0	-
8:49	0.0	0.0	8:49	0.0	0.0	-
8:50	0.0	0.0	8:50	0.0	0.0	-
8:51	0.0	0.0	8:51	0.0	0.0	-
8:52	0.0	0.0	8:52	0.0	0.0	-
8:53	0.0	0.0	8:53	0.0	0.0	-
8:54	0.0	0.0	8:54	0.0	0.0	-
8:55	0.0	0.0	8:55	0.0	0.0	-
8:56	0.0	0.0	8:56	0.0	0.0	-
8:57	0.0	0.0	8:57	0.0	0.0	-
8:58	0.0	0.0	8:58	0.0	0.0	-
8:59	0.0	0.0	8:59	0.0	0.0	-
9:00	0.0	0.0	9:00	0.0	0.0	-
9:01	0.0	0.0	9:01	0.0	0.0	-
9:02	0.0	0.0	9:02	0.0	0.0	-
9:03	0.0	0.0	9:03	0.0	0.0	-
9:04	0.0	0.0	9:04	0.0	0.0	-
9:05	0.0	0.0	9:05	0.0	0.0	-
9:06	0.0	0.0	9:06	0.0	0.0	-
9:07	0.0	0.0	9:07	0.0	0.0	-
9:08	0.0	0.0	9:08	0.0	0.0	-
9:09	0.0	0.0	9:09	0.0	0.0	-
9:10	0.0	0.0	9:10	0.0	0.0	-
9:11	0.0	0.0	9:11	0.0	0.0	-
9:12	0.0	0.0	9:12	0.0	0.0	-
9:13	0.0	0.0	9:13	0.0	0.0	-
9:14	0.0	0.0	9:14	0.0	0.0	-
9:15	0.0	0.0	9:15	0.0	0.0	-
9:16	0.0	0.0	9:16	0.0	0.0	-
9:17	0.0	0.0	9:17	0.0	0.0	-
9:18	0.0	0.0	9:18	0.0	0.0	-
9:19	0.0	0.0	9:19	0.0	0.0	-
9:20	0.0	0.0	9:20	0.0	0.0	-
9:21	0.0	0.0	9:21	0.0	0.0	-
9:22	0.0	0.0	9:22	0.0	0.0	-
9:23	0.0	0.0	9:23	0.0	0.0	-
9:24	0.0	0.0	9:24	0.0	0.0	-
9:25	0.0	0.0	9:25	0.0	0.0	-
9:26	0.0	0.0	9:26	0.0	0.0	-
9:27	0.0	0.0	9:27	0.0	0.0	-
9:28	0.0	0.0	9:28	0.0	0.0	-
9:29	0.0	0.0	9:29	0.0	0.0	-
9:30	0.0	0.0	9:30	0.0	0.0	-
9:31	0.0	0.0	9:31	0.0	0.0	-
9:32	0.0	0.0	9:32	0.0	0.0	-

CAMP Data
Sun Valley Nursery Filling Station Site
Ossining, New York
BCP No C360207
September 14, 2023

PID DATA						
Upwind			Downwind			Exceeds VOC Alarm Limit
Time	Concentration (ppm)	15-Min Avg Concentration (ppm)	Time	Concentration (ppm)	15-Min Avg Concentration (ppm)	
9:33	0.0	0.0	9:33	0.0	0.0	-
9:34	0.0	0.0	9:34	0.0	0.0	-
9:35	0.0	0.0	9:35	0.0	0.0	-
9:36	0.0	0.0	9:36	0.0	0.0	-
9:37	0.0	0.0	9:37	0.0	0.0	-
9:38	0.0	0.0	9:38	0.0	0.0	-
9:39	0.0	0.0	9:39	0.0	0.0	-
9:40	0.0	0.0	9:40	0.0	0.0	-
9:41	0.0	0.0	9:41	0.0	0.0	-
9:42	0.0	0.0	9:42	0.0	0.0	-
9:43	0.0	0.0	9:43	0.0	0.0	-
9:44	0.0	0.0	9:44	0.0	0.0	-
9:45	0.0	0.0	9:45	0.0	0.0	-
9:46	0.0	0.0	9:46	0.0	0.0	-
9:47	0.0	0.0	9:47	0.0	0.0	-
9:48	0.0	0.0	9:48	0.0	0.0	-
9:49	0.0	0.0	9:49	0.0	0.0	-
9:50	0.0	0.0	9:50	0.0	0.0	-
9:51	0.0	0.0	9:51	0.0	0.0	-
9:52	0.0	0.0	9:52	0.0	0.0	-
9:53	0.0	0.0	9:53	0.0	0.0	-
9:54	0.0	0.0	9:54	0.0	0.0	-
9:55	0.0	0.0	9:55	0.0	0.0	-
9:56	0.0	0.0	9:56	0.0	0.0	-
9:57	0.0	0.0	9:57	0.0	0.0	-
9:58	0.0	0.0	9:58	0.0	0.0	-
9:59	0.0	0.0	9:59	0.0	0.0	-
10:00	0.0	0.0	10:00	0.0	0.0	-
10:01	0.0	0.0	10:01	0.0	0.0	-
10:02	0.0	0.0	10:02	0.0	0.0	-
10:03	0.0	0.0	10:03	0.0	0.0	-
10:04	0.0	0.0	10:04	0.0	0.0	-
10:05	0.0	0.0	10:05	0.0	0.0	-
10:06	0.0	0.0	10:06	0.0	0.0	-
10:07	0.0	0.0	10:07	0.0	0.0	-
10:08	0.0	0.0	10:08	0.0	0.0	-
10:09	0.0	0.0	10:09	0.0	0.0	-
10:10	0.0	0.0	10:10	0.0	0.0	-
10:11	0.0	0.0	10:11	0.0	0.0	-
10:12	0.0	0.0	10:12	0.0	0.0	-
10:13	0.0	0.0	10:13	0.0	0.0	-
10:14	0.0	0.0	10:14	0.0	0.0	-
10:15	0.0	0.0	10:15	0.0	0.0	-
10:16	0.0	0.0	10:16	0.0	0.0	-
10:17	0.0	0.0	10:17	0.0	0.0	-
10:18	0.0	0.0	10:18	0.0	0.0	-
10:19	0.0	0.0	10:19	0.0	0.0	-

CAMP Data
Sun Valley Nursery Filling Station Site
Ossining, New York
BCP No C360207
September 14, 2023

PID DATA						
Upwind			Downwind			Exceeds VOC Alarm Limit
Time	Concentration (ppm)	15-Min Avg Concentration (ppm)	Time	Concentration (ppm)	15-Min Avg Concentration (ppm)	
10:20	0.0	0.0	10:20	0.0	0.0	-
10:21	0.0	0.0	10:21	0.0	0.0	-
10:22	0.0	0.0	10:22	0.0	0.0	-
10:23	0.0	0.0	10:23	0.0	0.0	-
10:24	0.0	0.0	10:24	0.0	0.0	-
10:25	0.0	0.0	10:25	0.0	0.0	-
10:26	0.0	0.0	10:26	0.0	0.0	-
10:27	0.0	0.0	10:27	0.0	0.0	-
10:28	0.0	0.0	10:28	0.0	0.0	-
10:29	0.0	0.0	10:29	0.0	0.0	-
10:30	0.0	0.0	10:30	0.0	0.0	-
10:31	0.0	0.0	10:31	0.0	0.0	-
10:32	0.0	0.0	10:32	0.0	0.0	-
10:33	0.0	0.0	10:33	0.0	0.0	-
10:34	0.0	0.0	10:34	0.0	0.0	-
10:35	0.0	0.0	10:35	0.0	0.0	-
10:36	0.0	0.0	10:36	0.0	0.0	-
10:37	0.0	0.0	10:37	0.0	0.0	-
10:38	0.0	0.0	10:38	0.0	0.0	-
10:39	0.0	0.0	10:39	0.0	0.0	-
10:40	0.0	0.0	10:40	0.0	0.0	-
10:41	0.0	0.0	10:41	0.0	0.0	-
10:42	0.0	0.0	10:42	0.0	0.0	-
10:43	0.0	0.0	10:43	0.0	0.0	-
10:44	0.0	0.0	10:44	0.0	0.0	-
10:45	0.0	0.0	10:45	0.0	0.0	-
10:46	0.0	0.0	10:46	0.0	0.0	-
10:47	0.0	0.0	10:47	0.0	0.0	-
10:48	0.0	0.0	10:48	0.0	0.0	-
10:49	0.0	0.0	10:49	0.0	0.0	-
10:50	0.0	0.0	10:50	0.0	0.0	-
10:51	0.0	0.0	10:51	0.0	0.0	-
10:52	0.0	0.0	10:52	0.0	0.0	-
10:53	0.0	0.0	10:53	0.0	0.0	-
10:54	0.0	0.0	10:54	0.0	0.0	-
10:55	0.0	0.0	10:55	0.0	0.0	-
10:56	0.0	0.0	10:56	0.0	0.0	-
10:57	0.0	0.0	10:57	0.0	0.0	-
10:58	0.0	0.0	10:58	0.0	0.0	-
10:59	0.0	0.0	10:59	0.0	0.0	-
11:00	0.0	0.0	11:00	0.0	0.0	-
11:01	0.0	0.0	11:01	0.0	0.0	-
11:02	0.0	0.0	11:02	0.0	0.0	-
11:03	0.0	0.0	11:03	0.0	0.0	-
11:04	0.0	0.0	11:04	0.0	0.0	-
11:05	0.0	0.0	11:05	0.0	0.0	-
11:06	0.0	0.0	11:06	0.0	0.0	-

CAMP Data
Sun Valley Nursery Filling Station Site
Ossining, New York
BCP No C360207
September 14, 2023

PID DATA						
Upwind			Downwind			Exceeds VOC Alarm Limit
Time	Concentration (ppm)	15-Min Avg Concentration (ppm)	Time	Concentration (ppm)	15-Min Avg Concentration (ppm)	
11:07	0.0	0.0	11:07	0.0	0.0	-
11:08	0.0	0.0	11:08	0.0	0.0	-
11:09	0.0	0.0	11:09	0.0	0.0	-
11:10	0.0	0.0	11:10	0.0	0.0	-
11:11	0.0	0.0	11:11	0.0	0.0	-
11:12	0.0	0.0	11:12	0.0	0.0	-
11:13	0.0	0.0	11:13	0.0	0.0	-
11:14	0.0	0.0	11:14	0.0	0.0	-
11:15	0.0	0.0	11:15	0.0	0.0	-
11:16	0.0	0.0	11:16	0.0	0.0	-
11:17	0.0	0.0	11:17	0.0	0.0	-
11:18	0.0	0.0	11:18	0.0	0.0	-
11:19	0.0	0.0	11:19	0.0	0.0	-
11:20	0.0	0.0	11:20	0.0	0.0	-
11:21	0.0	0.0	11:21	0.0	0.0	-
11:22	0.0	0.0	11:22	0.0	0.0	-
11:23	0.0	0.0	11:23	0.0	0.0	-
11:24	0.0	0.0	11:24	0.0	0.0	-
11:25	0.0	0.0	11:25	0.0	0.0	-
11:26	0.0	0.0	11:26	0.0	0.0	-
11:27	0.0	0.0	11:27	0.0	0.0	-
11:28	0.0	0.0	11:28	0.0	0.0	-
11:29	0.0	0.0	11:29	0.0	0.0	-
11:30	0.0	0.0	11:30	0.0	0.0	-
11:31	0.0	0.0	11:31	0.0	0.0	-
11:32	0.0	0.0	11:32	0.0	0.0	-
11:33	0.0	0.0	11:33	0.0	0.0	-
11:34	0.0	0.0	11:34	0.0	0.0	-
11:35	0.0	0.0	11:35	0.0	0.0	-
11:36	0.0	0.0	11:36	0.0	0.0	-
11:37	0.0	0.0	11:37	0.0	0.0	-
11:38	0.0	0.0	11:38	0.0	0.0	-
11:39	0.0	0.0	11:39	0.0	0.0	-
11:40	0.0	0.0	11:40	0.0	0.0	-
11:41	0.0	0.0	11:41	0.0	0.0	-
11:42	0.0	0.0	11:42	0.0	0.0	-
11:43	0.0	0.0	11:43	0.0	0.0	-
11:44	0.0	0.0	11:44	0.0	0.0	-
11:45	0.0	0.0	11:45	0.0	0.0	-
11:46	0.0	0.0	11:46	0.0	0.0	-
11:47	0.0	0.0	11:47	0.0	0.0	-
11:48	0.0	0.0	11:48	0.0	0.0	-
11:49	0.0	0.0	11:49	0.0	0.0	-
11:50	0.0	0.0	11:50	0.0	0.0	-
11:51	0.0	0.0	11:51	0.0	0.0	-
11:52	0.0	0.0	11:52	0.0	0.0	-
11:53	0.0	0.0	11:53	0.0	0.0	-

CAMP Data
Sun Valley Nursery Filling Station Site
Ossining, New York
BCP No C360207
September 14, 2023

PID DATA						
Upwind			Downwind			Exceeds VOC Alarm Limit
Time	Concentration (ppm)	15-Min Avg Concentration (ppm)	Time	Concentration (ppm)	15-Min Avg Concentration (ppm)	
11:54	0.0	0.0	11:54	0.0	0.0	-
11:55	0.0	0.0	11:55	0.0	0.0	-
11:56	0.0	0.0	11:56	0.0	0.0	-
11:57	0.0	0.0	11:57	0.0	0.0	-
11:58	0.0	0.0	11:58	0.0	0.0	-
11:59	0.0	0.0	11:59	0.0	0.0	-
12:00	0.0	0.0	12:00	0.0	0.0	-
12:01	0.0	0.0	12:01	0.0	0.0	-
12:02	0.0	0.0	12:02	0.0	0.0	-
12:03	0.0	0.0	12:03	0.0	0.0	-
12:04	0.0	0.0	12:04	0.0	0.0	-
12:05	0.0	0.0	12:05	0.0	0.0	-
12:06	0.0	0.0	12:06	0.0	0.0	-
12:07	0.0	0.0	12:07	0.0	0.0	-
12:08	0.0	0.0	12:08	0.0	0.0	-
12:09	0.0	0.0	12:09	0.0	0.0	-
12:10	0.0	0.0	12:10	0.0	0.0	-
12:11	0.0	0.0	12:11	0.0	0.0	-
12:12	0.0	0.0	12:12	0.0	0.0	-
12:13	0.0	0.0	12:13	0.0	0.0	-
12:14	0.0	0.0	12:14	0.0	0.0	-
12:15	0.0	0.0	12:15	0.0	0.0	-
12:16	0.0	0.0	12:16	0.0	0.0	-
12:17	0.0	0.0	12:17	0.0	0.0	-
12:18	0.0	0.0	12:18	0.0	0.0	-
12:19	0.0	0.0	12:19	0.0	0.0	-
12:20	0.0	0.0	12:20	0.0	0.0	-
12:21	0.0	0.0	12:21	0.0	0.0	-
12:22	0.0	0.0	12:22	0.0	0.0	-
12:23	0.0	0.0	12:23	0.0	0.0	-
12:24	0.0	0.0	12:24	0.0	0.0	-
12:25	0.0	0.0	12:25	0.0	0.0	-
12:26	0.0	0.0	12:26	0.0	0.0	-
12:27	0.0	0.0	12:27	0.0	0.0	-
12:28	0.0	0.0	12:28	0.0	0.0	-
12:29	0.0	0.0	12:29	0.0	0.0	-
12:30	0.0	0.0	12:30	0.0	0.0	-
12:31	0.0	0.0	12:31	0.0	0.0	-
12:32	0.0	0.0	12:32	0.0	0.0	-
12:33	0.0	0.0	12:33	0.0	0.0	-
12:34	0.0	0.0	12:34	0.0	0.0	-
12:35	0.0	0.0	12:35	0.0	0.0	-
12:36	0.0	0.0	12:36	0.0	0.0	-
12:37	0.0	0.0	12:37	0.0	0.0	-
12:38	0.0	0.0	12:38	0.0	0.0	-
12:39	0.0	0.0	12:39	0.0	0.0	-
12:40	0.0	0.0	12:40	0.0	0.0	-

CAMP Data
Sun Valley Nursery Filling Station Site
Ossining, New York
BCP No C360207
September 14, 2023

PID DATA						
Upwind			Downwind			Exceeds VOC Alarm Limit
Time	Concentration (ppm)	15-Min Avg Concentration (ppm)	Time	Concentration (ppm)	15-Min Avg Concentration (ppm)	
12:41	0.0	0.0	12:41	0.0	0.0	-
12:42	0.0	0.0	12:42	0.0	0.0	-
12:43	0.0	0.0	12:43	0.0	0.0	-
12:44	0.0	0.0	12:44	0.0	0.0	-
12:45	0.0	0.0	12:45	0.0	0.0	-
12:46	0.0	0.0	12:46	0.0	0.0	-
12:47	0.0	0.0	12:47	0.0	0.0	-
12:48	0.0	0.0	12:48	0.0	0.0	-
12:49	0.0	0.0	12:49	0.0	0.0	-
12:50	0.0	0.0	12:50	0.0	0.0	-
12:51	0.0	0.0	12:51	0.0	0.0	-
12:52	0.0	0.0	12:52	0.0	0.0	-
12:53	0.0	0.0	12:53	0.0	0.0	-
12:54	0.0	0.0	12:54	0.0	0.0	-
12:55	0.0	0.0	12:55	0.0	0.0	-
12:56	0.0	0.0	12:56	0.0	0.0	-
12:57	0.0	0.0	12:57	0.0	0.0	-
12:58	0.0	0.0	12:58	0.0	0.0	-
12:59	0.0	0.0	12:59	0.0	0.0	-
13:00	0.0	0.0	13:00	0.0	0.0	-
13:01	0.0	0.0	13:01	0.0	0.0	-
13:02	0.0	0.0	13:02	0.0	0.0	-
13:03	0.0	0.0	13:03	0.0	0.0	-
13:04	0.0	0.0	13:04	0.0	0.0	-
13:05	0.0	0.0	13:05	0.0	0.0	-
13:06	0.0	0.0	13:06	0.0	0.0	-
13:07	0.0	0.0	13:07	0.0	0.0	-
13:08	0.0	0.0	13:08	0.0	0.0	-
13:09	0.0	0.0	13:09	0.0	0.0	-
13:10	0.0	0.0	13:10	0.0	0.0	-
13:11	0.0	0.0	13:11	0.0	0.0	-
13:12	0.0	0.0	13:12	0.0	0.0	-
13:13	0.0	0.0	13:13	0.0	0.0	-
13:14	0.0	0.0	13:14	0.0	0.0	-
13:15	0.0	0.0	13:15	0.0	0.0	-
13:16	0.0	0.0	13:16	0.0	0.0	-
13:17	0.0	0.0	13:17	0.0	0.0	-
13:18	0.0	0.0	13:18	0.0	0.0	-
13:19	0.0	0.0	13:19	0.0	0.0	-
13:20	0.0	0.0	13:20	0.0	0.0	-
13:21	0.0	0.0	13:21	0.0	0.0	-
13:22	0.0	0.0	13:22	0.0	0.0	-
13:23	0.0	0.0	13:23	0.0	0.0	-
13:24	0.0	0.0	13:24	0.0	0.0	-
13:25	0.0	0.0	13:25	0.0	0.0	-
13:26	0.0	0.0	13:26	0.0	0.0	-
13:27	0.0	0.0	13:27	0.0	0.0	-

CAMP Data
Sun Valley Nursery Filling Station Site
Ossining, New York
BCP No C360207
September 14, 2023

PID DATA						
Upwind			Downwind			Exceeds VOC Alarm Limit
Time	Concentration (ppm)	15-Min Avg Concentration (ppm)	Time	Concentration (ppm)	15-Min Avg Concentration (ppm)	
13:28	0.0	0.0	13:28	0.0	0.0	-
13:29	0.0	0.0	13:29	0.0	0.0	-
13:30	0.0	0.0	13:30	0.0	0.0	-
13:31	0.0	0.0	13:31	0.0	0.0	-
13:32	0.0	0.0	13:32	0.0	0.0	-
13:33	0.0	0.0	13:33	0.0	0.0	-
13:34	0.0	0.0	13:34	0.0	0.0	-
13:35	0.0	0.0	13:35	0.0	0.0	-
13:36	0.0	0.0	13:36	0.0	0.0	-
13:37	0.0	0.0	13:37	0.0	0.0	-
13:38	0.0	0.0	13:38	0.0	0.0	-
13:39	0.0	0.0	13:39	0.0	0.0	-
13:40	0.0	0.0	13:40	0.0	0.0	-
13:41	0.0	0.0	13:41	0.0	0.0	-
13:42	0.0	0.0	13:42	0.0	0.0	-
13:43	0.0	0.0	13:43	0.0	0.0	-
13:44	0.0	0.0	13:44	0.0	0.0	-
13:45	0.0	0.0	13:45	0.0	0.0	-
13:46	0.0	0.0	13:46	0.0	0.0	-
13:47	0.0	0.0	13:47	0.0	0.0	-
13:48	0.0	0.0	13:48	0.0	0.0	-
13:49	0.0	0.0	13:49	0.0	0.0	-
13:50	0.0	0.0	13:50	0.0	0.0	-
13:51	0.0	0.0	13:51	0.0	0.0	-
13:52	0.0	0.0	13:52	0.0	0.0	-
13:53	0.0	0.0	13:53	0.0	0.0	-
13:54	0.0	0.0	13:54	0.0	0.0	-
13:55	0.0	0.0	13:55	0.0	0.0	-
13:56	0.0	0.0	13:56	0.0	0.0	-
13:57	0.0	0.0	13:57	0.0	0.0	-
13:58	0.0	0.0	13:58	0.0	0.0	-
13:59	0.0	0.0	13:59	0.0	0.0	-
14:00	0.0	0.0	14:00	0.0	0.0	-
14:01	0.0	0.0	14:01	0.0	0.0	-
14:02	0.0	0.0	14:02	0.0	0.0	-
14:03	0.0	0.0	14:03	0.0	0.0	-
14:04	0.0	0.0	14:04	0.0	0.0	-
14:05	0.0	0.0	14:05	0.0	0.0	-
14:06	0.0	0.0	14:06	0.0	0.0	-
14:07	0.0	0.0	14:07	0.0	0.0	-
14:08	0.0	0.0	14:08	0.0	0.0	-
14:09	0.0	0.0	14:09	0.0	0.0	-
14:10	0.0	0.0	14:10	0.0	0.0	-
14:11	0.0	0.0	14:11	0.0	0.0	-
14:12	0.0	0.0	14:12	0.0	0.0	-
14:13	0.0	0.0	14:13	0.0	0.0	-
14:14	0.0	0.0	14:14	0.0	0.0	-

CAMP Data
Sun Valley Nursery Filling Station Site
Ossining, New York
BCP No C360207
September 14, 2023

PID DATA						
Upwind			Downwind			Exceeds VOC Alarm Limit
Time	Concentration (ppm)	15-Min Avg Concentration (ppm)	Time	Concentration (ppm)	15-Min Avg Concentration (ppm)	
14:15	0.0	0.0	14:15	0.0	0.0	-
14:16	0.0	0.0	14:16	0.0	0.0	-
14:17	0.0	0.0	14:17	0.0	0.0	-
14:18	0.0	0.0	14:18	0.0	0.0	-
14:19	0.0	0.0	14:19	0.0	0.0	-
14:20	0.0	0.0	14:20	0.0	0.0	-
14:21	0.0	0.0	14:21	0.0	0.0	-
14:22	0.0	0.0	14:22	0.0	0.0	-
14:23	0.0	0.0	14:23	0.0	0.0	-
14:24	0.0	0.0	14:24	0.0	0.0	-
14:25	0.0	0.0	14:25	0.0	0.0	-
14:26	0.0	0.0	14:26	0.0	0.0	-
14:27	0.0	0.0	14:27	0.0	0.0	-
14:28	0.0	0.0	14:28	0.0	0.0	-
14:29	0.0	0.0	14:29	0.0	0.0	-
14:30	0.0	0.0	14:30	0.0	0.0	-
14:31	0.0	0.0	14:31	0.0	0.0	-
14:32	0.0	0.0	14:32	0.0	0.0	-
14:33	0.0	0.0	14:33	0.0	0.0	-
14:34	0.0	0.0	14:34	0.0	0.0	-
14:35	0.0	0.0	14:35	0.0	0.0	-
14:36	0.0	0.0	14:36	0.0	0.0	-
14:37	0.0	0.0	14:37	0.0	0.0	-
14:38	0.0	0.0	14:38	0.0	0.0	-
14:39	0.0	0.0	14:39	0.0	0.0	-
14:40	0.0	0.0	14:40	0.0	0.0	-
14:41	0.0	0.0	14:41	0.0	0.0	-
14:42	0.0	0.0	14:42	0.0	0.0	-
14:43	0.0	0.0	14:43	0.0	0.0	-
14:44	0.0	0.0	14:44	0.0	0.0	-
14:45	0.0	0.0	14:45	0.0	0.0	-
14:46	0.0	0.0	14:46	0.0	0.0	-
14:47	0.0	0.0	14:47	0.0	0.0	-
14:48	0.0	0.0	14:48	0.0	0.0	-
14:49	0.0	0.0	14:49	0.0	0.0	-
14:50	0.0	0.0	14:50	0.0	0.0	-
14:51	0.0	0.0	14:51	0.0	0.0	-
14:52	0.0	0.0	14:52	0.0	0.0	-
14:53	0.0	0.0	14:53	0.0	0.0	-



959 US-46 Floor 3, Suite 300 - Parsippany-Troy Hills, NJ

DAILY AIR MONITORING REPORT

136-140 Croton Avenue

Ossining, New York

09/15/2023

Rev. No. 0

Page 1 of 2

Project Number: 12060

Dust Action Level

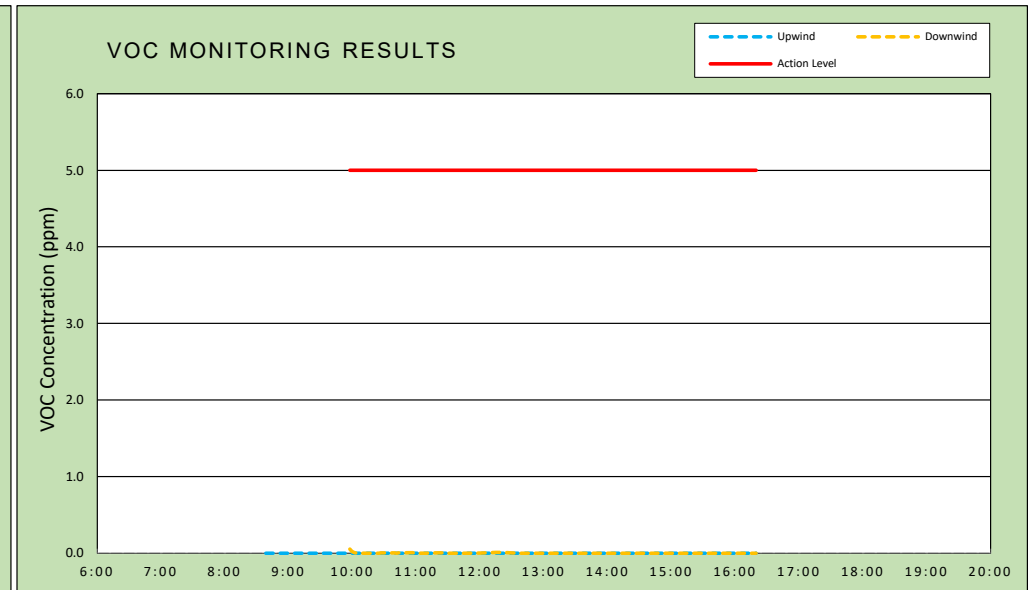
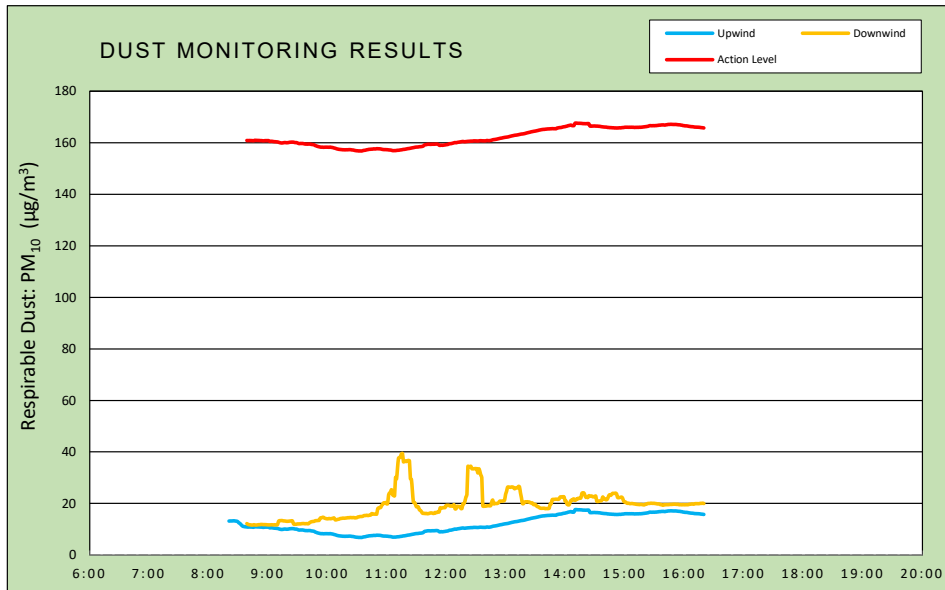
150 $\mu\text{g}/\text{m}^3$

VOC Action Level

5 ppm

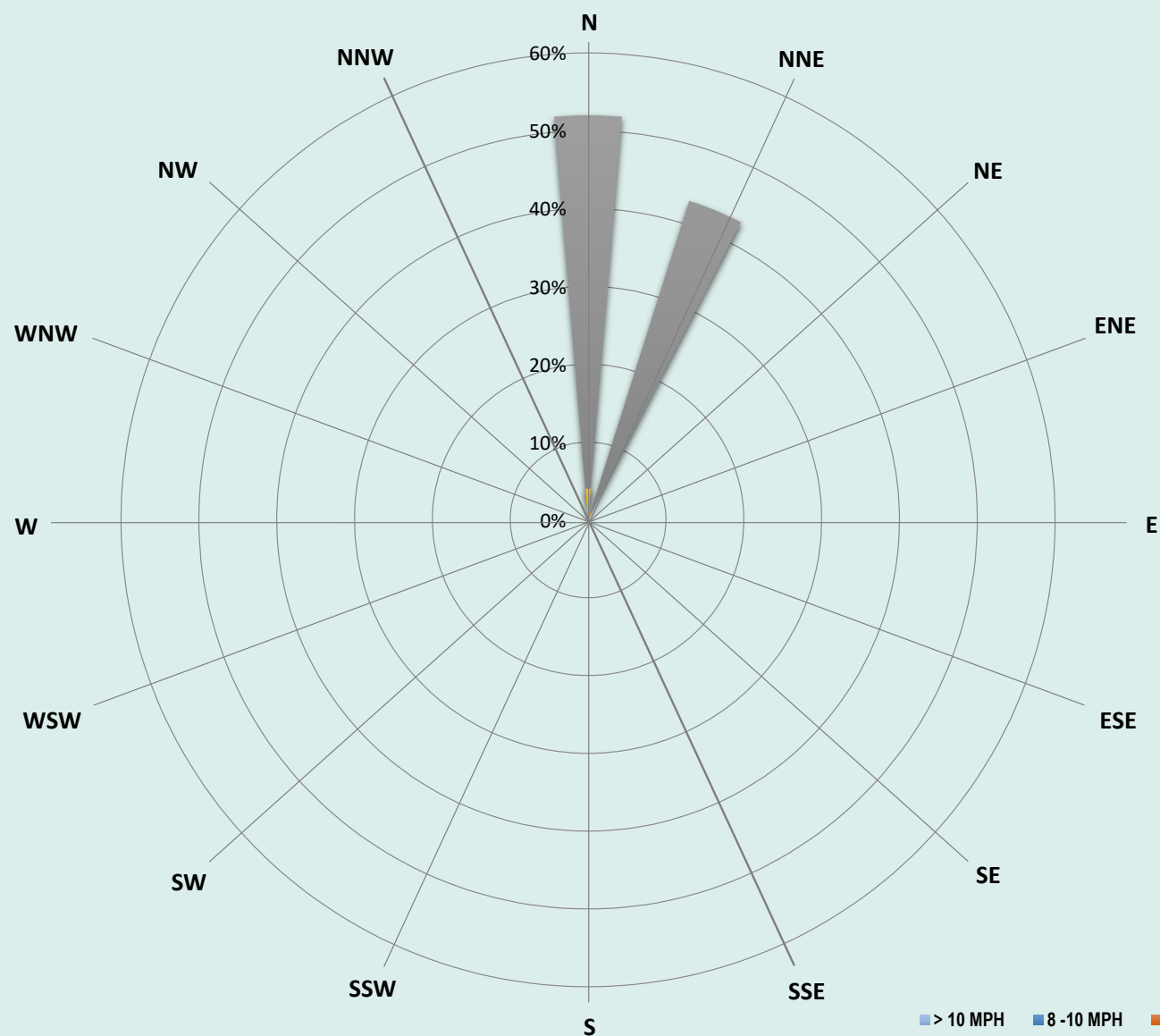
Weather Data Range for Work Day		Wind Direction	N	Relative Humidity (%)	66.0 - 86.0	Daily Rain Total (in)	0.00	Readings in the summary table and graphs below are the reported downwind concentrations.
Temperature (°F)	54.0 - 66.0	Wind Speed (MPH)	4.0 - 5.5	Barometer (inHg)	30.00 - 30.10	Avg. Dew Point Temp (°F)	52.3	

Station Location	Daily Avg. Dust Concentration ($\mu\text{g}/\text{m}^3$)	Max 15-Min Dust Concentration ($\mu\text{g}/\text{m}^3$)	Time of Max Dust Reading	Daily Avg. VOC Concentration (ppm)	Max 15-Min VOC Concentration (ppm)	Time of Max VOC Reading
Upwind	12.1	17.6	14:11	0.0	0.0	8:39
Downwind	19.2	39.4	11:16	0.0	0.1	10:13



Air Monitoring Notes:

Weather Notes:



SESI - Croton Ave
Air Monitoring
09/15/23
Wind Speed & Direction
Daily Readings

CAMP Data
Sun Valley Nursery Filling Station Site
Ossining, New York
BCP No C360207
September 15, 2023

Friday, September 15, 2023						
Number of Instances Where Downwind Particulates Exceeds Upwind Particulate + 150 =						0
Number of Comparable Data Points =						462
Start Time:						8:06
End Time:						16:20
PARTICULATE DATA						
Upwind			Downwind			Exceeds Particulate Alarm Limit
Time	Concentration (ug/m ³)	15-Min Avg Concentration (ug/m ³)	Time	Concentration (ug/m ³)	15-Min Avg Concentration (ug/m ³)	
8:06	9.0	-	8:06	-	-	-
8:07	11.6	-	8:07	-	-	-
8:08	11.0	-	8:08	-	-	-
8:09	11.0	-	8:09	-	-	-
8:10	11.2	-	8:10	-	-	-
8:11	11.0	-	8:11	-	-	-
8:12	11.8	-	8:12	-	-	-
8:13	12.2	-	8:13	-	-	-
8:14	11.6	-	8:14	-	-	-
8:15	14.6	-	8:15	-	-	-
8:16	17.0	-	8:16	-	-	-
8:17	14.2	-	8:17	-	-	-
8:18	16.8	-	8:18	-	-	-
8:19	16.4	-	8:19	-	-	-
8:20	15.4	-	8:20	-	-	-
8:21	11.8	13.2	8:21	-	-	-
8:22	12.0	13.2	8:22	-	-	-
8:23	11.2	13.2	8:23	-	-	-
8:24	11.0	13.2	8:24	0.0	-	-
8:25	11.8	13.3	8:25	14.8	-	-
8:26	11.3	13.3	8:26	14.0	-	-
8:27	11.0	13.2	8:27	12.4	-	-
8:28	11.3	13.2	8:28	12.6	-	-
8:29	10.8	13.1	8:29	12.4	-	-
8:30	11.3	12.9	8:30	12.6	-	-
8:31	10.8	12.5	8:31	11.6	-	-
8:32	11.0	12.2	8:32	12.6	-	-
8:33	10.8	11.8	8:33	13.2	-	-
8:34	10.5	11.4	8:34	11.2	-	-
8:35	11.0	11.2	8:35	11.0	-	-
8:36	10.5	11.1	8:36	10.6	-	-
8:37	10.5	11.0	8:37	11.6	-	-
8:38	10.8	10.9	8:38	10.8	-	-
8:39	10.3	10.9	8:39	11.4	12.2	-
8:40	11.0	10.8	8:40	11.2	11.9	-
8:41	11.5	10.9	8:41	11.4	11.8	-
8:42	11.3	10.9	8:42	11.8	11.7	-
8:43	10.8	10.8	8:43	11.6	11.7	-
8:44	10.8	10.8	8:44	11.8	11.6	-
8:45	10.5	10.8	8:45	12.6	11.6	-
8:46	10.8	10.8	8:46	13.4	11.7	-

CAMP Data
Sun Valley Nursery Filling Station Site
Ossining, New York
BCP No C360207
September 15, 2023

PARTICULATE DATA						
Upwind			Downwind			Exceeds Particulate Alarm Limit
Time	Concentration (ug/m ³)	15-Min Avg Concentration (ug/m ³)	Time	Concentration (ug/m ³)	15-Min Avg Concentration (ug/m ³)	
8:47	13.5	11.0	8:47	11.6	11.7	-
8:48	10.3	10.9	8:48	12.2	11.6	-
8:49	10.5	10.9	8:49	11.6	11.6	-
8:50	10.5	10.9	8:50	12.0	11.7	-
8:51	10.5	10.9	8:51	11.4	11.8	-
8:52	10.0	10.9	8:52	11.6	11.8	-
8:53	10.3	10.8	8:53	12.2	11.9	-
8:54	10.3	10.8	8:54	11.4	11.9	-
8:55	10.0	10.8	8:55	10.8	11.8	-
8:56	11.3	10.7	8:56	10.8	11.8	-
8:57	12.3	10.8	8:57	12.0	11.8	-
8:58	11.0	10.8	8:58	11.2	11.8	-
8:59	10.8	10.8	8:59	11.4	11.7	-
9:00	10.5	10.8	9:00	11.8	11.7	-
9:01	10.5	10.8	9:01	13.4	11.7	-
9:02	9.8	10.6	9:02	11.4	11.7	-
9:03	10.3	10.6	9:03	12.6	11.7	-
9:04	10.8	10.6	9:04	12.0	11.7	-
9:05	9.8	10.5	9:05	11.6	11.7	-
9:06	9.5	10.5	9:06	11.0	11.7	-
9:07	9.3	10.4	9:07	12.4	11.7	-
9:08	10.0	10.4	9:08	11.6	11.7	-
9:09	9.5	10.3	9:09	11.0	11.7	-
9:10	9.5	10.3	9:10	13.4	11.8	-
9:11	9.5	10.2	9:11	29.6	13.1	-
9:12	10.3	10.1	9:12	15.4	13.3	-
9:13	9.8	10.0	9:13	11.4	13.3	-
9:14	9.8	9.9	9:14	12.0	13.4	-
9:15	11.0	9.9	9:15	11.0	13.3	-
9:16	11.5	10.0	9:16	12.0	13.2	-
9:17	10.8	10.1	9:17	11.2	13.2	-
9:18	10.0	10.1	9:18	11.8	13.2	-
9:19	10.0	10.0	9:19	11.0	13.1	-
9:20	10.0	10.0	9:20	11.4	13.1	-
9:21	10.3	10.1	9:21	11.4	13.1	-
9:22	10.8	10.2	9:22	13.2	13.2	-
9:23	10.5	10.2	9:23	12.2	13.2	-
9:24	10.0	10.2	9:24	12.0	13.3	-
9:25	9.5	10.2	9:25	12.8	13.2	-
9:26	9.3	10.2	9:26	13.3	12.1	-
9:27	8.8	10.1	9:27	12.0	11.9	-
9:28	8.8	10.1	9:28	12.0	11.9	-
9:29	9.8	10.1	9:29	12.0	11.9	-
9:30	9.0	9.9	9:30	12.8	12.1	-
9:31	9.0	9.8	9:31	11.8	12.0	-
9:32	9.5	9.7	9:32	11.8	12.1	-
9:33	10.8	9.7	9:33	11.5	12.1	-

CAMP Data
Sun Valley Nursery Filling Station Site
Ossining, New York
BCP No C360207
September 15, 2023

PARTICULATE DATA						
Upwind			Downwind			Exceeds Particulate Alarm Limit
Time	Concentration (ug/m ³)	15-Min Avg Concentration (ug/m ³)	Time	Concentration (ug/m ³)	15-Min Avg Concentration (ug/m ³)	
9:34	9.8	9.7	9:34	12.3	12.1	-
9:35	10.3	9.7	9:35	12.0	12.2	-
9:36	9.3	9.7	9:36	11.8	12.2	-
9:37	9.5	9.6	9:37	12.5	12.2	-
9:38	9.3	9.5	9:38	11.8	12.1	-
9:39	10.0	9.5	9:39	12.5	12.2	-
9:40	9.0	9.5	9:40	12.5	12.2	-
9:41	9.8	9.5	9:41	12.8	12.1	-
9:42	8.8	9.5	9:42	17.0	12.5	-
9:43	8.5	9.5	9:43	15.8	12.7	-
9:44	8.0	9.4	9:44	14.8	12.9	-
9:45	8.5	9.3	9:45	14.0	13.0	-
9:46	8.0	9.3	9:46	12.5	13.0	-
9:47	8.0	9.2	9:47	12.8	13.1	-
9:48	7.0	8.9	9:48	14.8	13.3	-
9:49	8.0	8.8	9:49	12.8	13.3	-
9:50	7.8	8.6	9:50	12.5	13.4	-
9:51	7.8	8.5	9:51	13.0	13.5	-
9:52	8.0	8.4	9:52	12.5	13.5	-
9:53	8.0	8.3	9:53	24.5	14.3	-
9:54	9.0	8.3	9:54	14.8	14.5	-
9:55	9.5	8.3	9:55	13.8	14.5	-
9:56	8.8	8.2	9:56	14.8	14.7	-
9:57	9.0	8.3	9:57	13.0	14.4	-
9:58	8.8	8.3	9:58	13.0	14.2	-
9:59	8.3	8.3	9:59	13.3	14.1	-
10:00	8.3	8.3	10:00	13.0	14.1	-
10:01	8.0	8.3	10:01	12.8	14.1	-
10:02	7.5	8.2	10:02	14.3	14.2	-
10:03	8.0	8.3	10:03	13.5	14.1	-
10:04	6.8	8.2	10:04	13.0	14.1	-
10:05	7.0	8.2	10:05	13.8	14.2	-
10:06	6.5	8.1	10:06	14.3	14.3	-
10:07	6.0	8.0	10:07	14.3	14.4	-
10:08	6.8	7.9	10:08	14.0	13.7	-
10:09	7.0	7.7	10:09	14.0	13.6	-
10:10	7.5	7.6	10:10	15.5	13.8	-
10:11	7.5	7.5	10:11	16.3	13.9	-
10:12	7.8	7.4	10:12	14.0	13.9	-
10:13	8.3	7.4	10:13	16.0	14.1	-
10:14	7.5	7.4	10:14	14.3	14.2	-
10:15	7.8	7.3	10:15	13.8	14.2	-
10:16	7.3	7.3	10:16	14.0	14.3	-
10:17	7.8	7.3	10:17	13.5	14.3	-
10:18	7.3	7.2	10:18	14.0	14.3	-
10:19	7.5	7.3	10:19	13.8	14.4	-
10:20	6.8	7.3	10:20	14.5	14.4	-

CAMP Data
Sun Valley Nursery Filling Station Site
Ossining, New York
BCP No C360207
September 15, 2023

PARTICULATE DATA						
Upwind			Downwind			Exceeds Particulate Alarm Limit
Time	Concentration (ug/m ³)	15-Min Avg Concentration (ug/m ³)	Time	Concentration (ug/m ³)	15-Min Avg Concentration (ug/m ³)	
10:21	6.8	7.3	10:21	15.5	14.5	-
10:22	6.5	7.3	10:22	13.8	14.5	-
10:23	6.8	7.3	10:23	15.3	14.5	-
10:24	6.5	7.3	10:24	14.0	14.5	-
10:25	6.3	7.2	10:25	14.8	14.5	-
10:26	7.3	7.2	10:26	16.8	14.5	-
10:27	6.5	7.1	10:27	14.0	14.5	-
10:28	6.8	7.0	10:28	14.3	14.4	-
10:29	6.5	6.9	10:29	15.0	14.5	-
10:30	7.0	6.9	10:30	14.5	14.5	-
10:31	7.0	6.9	10:31	17.8	14.8	-
10:32	6.8	6.8	10:32	14.3	14.8	-
10:33	7.8	6.8	10:33	15.8	14.9	-
10:34	7.0	6.8	10:34	14.0	14.9	-
10:35	7.0	6.8	10:35	14.8	15.0	-
10:36	8.5	6.9	10:36	16.8	15.0	-
10:37	8.0	7.0	10:37	17.3	15.3	-
10:38	7.3	7.1	10:38	16.0	15.3	-
10:39	7.8	7.2	10:39	14.3	15.3	-
10:40	8.0	7.3	10:40	16.0	15.4	-
10:41	8.0	7.3	10:41	15.3	15.3	-
10:42	8.0	7.4	10:42	14.8	15.4	-
10:43	7.3	7.5	10:43	16.0	15.5	-
10:44	7.0	7.5	10:44	15.5	15.5	-
10:45	7.5	7.5	10:45	23.0	16.1	-
10:46	7.3	7.5	10:46	14.5	15.9	-
10:47	8.0	7.6	10:47	14.5	15.9	-
10:48	7.3	7.6	10:48	15.3	15.9	-
10:49	7.3	7.6	10:49	15.0	15.9	-
10:50	8.3	7.7	10:50	14.3	15.9	-
10:51	8.3	7.7	10:51	47.5	17.9	-
10:52	7.8	7.7	10:52	22.3	18.3	-
10:53	7.0	7.6	10:53	18.3	18.4	-
10:54	7.0	7.6	10:54	14.0	18.4	-
10:55	6.5	7.5	10:55	29.5	19.3	-
10:56	6.8	7.4	10:56	19.8	19.6	-
10:57	7.3	7.4	10:57	24.3	20.2	-
10:58	7.0	7.3	10:58	14.5	20.1	-
10:59	7.0	7.3	10:59	19.0	20.4	-
11:00	7.0	7.3	11:00	15.3	19.9	-
11:01	7.0	7.3	11:01	15.5	19.9	-
11:02	7.0	7.2	11:02	65.5	23.3	-
11:03	6.8	7.2	11:03	26.5	24.1	-
11:04	6.8	7.2	11:04	21.5	24.5	-
11:05	7.0	7.1	11:05	26.5	25.3	-
11:06	6.5	7.0	11:06	18.8	23.4	-
11:07	7.5	6.9	11:07	18.0	23.1	-

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Upwind			Downwind			Exceeds Particulate Alarm Limit
Time	Concentration (ug/m ³)	15-Min Avg Concentration (ug/m ³)	Time	Concentration (ug/m ³)	15-Min Avg Concentration (ug/m ³)	
11:08	7.3	7.0	11:08	15.8	23.0	-
11:09	7.0	7.0	11:09	121.5	30.1	-
11:10	7.5	7.0	11:10	20.8	29.5	-
11:11	7.5	7.1	11:11	84.3	33.8	-
11:12	7.5	7.1	11:12	80.8	37.6	-
11:13	7.8	7.1	11:13	17.8	37.8	-
11:14	8.3	7.2	11:14	25.0	38.2	-
11:15	7.5	7.3	11:15	30.8	39.3	-
11:16	8.3	7.3	11:16	17.3	39.4	-
11:17	8.3	7.4	11:17	17.5	36.2	-
11:18	7.0	7.4	11:18	32.3	36.6	-
11:19	8.0	7.5	11:19	19.0	36.4	-
11:20	8.0	7.6	11:20	24.8	36.3	-
11:21	8.0	7.7	11:21	24.3	36.6	-
11:22	8.3	7.7	11:22	17.5	36.6	-
11:23	8.0	7.8	11:23	15.5	36.6	-
11:24	8.3	7.9	11:24	17.5	29.7	-
11:25	8.8	8.0	11:25	16.0	29.3	-
11:26	8.8	8.0	11:26	18.0	24.9	-
11:27	8.5	8.1	11:27	15.0	20.5	-
11:28	9.0	8.2	11:28	16.0	20.4	-
11:29	9.5	8.3	11:29	15.0	19.8	-
11:30	8.3	8.3	11:30	15.5	18.7	-
11:31	8.5	8.3	11:31	16.8	18.7	-
11:32	8.8	8.4	11:32	17.3	18.7	-
11:33	8.3	8.5	11:33	15.5	17.6	-
11:34	8.3	8.5	11:34	15.8	17.4	-
11:35	8.8	8.5	11:35	17.8	16.9	-
11:36	9.0	8.6	11:36	15.3	16.3	-
11:37	10.5	8.7	11:37	15.5	16.2	-
11:38	13.3	9.1	11:38	15.8	16.2	-
11:39	10.3	9.2	11:39	16.0	16.1	-
11:40	9.5	9.3	11:40	17.3	16.2	-
11:41	10.3	9.4	11:41	16.0	16.0	-
11:42	9.0	9.4	11:42	15.5	16.1	-
11:43	9.0	9.4	11:43	17.5	16.2	-
11:44	9.0	9.4	11:44	17.0	16.3	-
11:45	8.5	9.4	11:45	16.3	16.3	-
11:46	9.0	9.4	11:46	15.5	16.3	-
11:47	8.8	9.4	11:47	15.5	16.1	-
11:48	8.3	9.4	11:48	16.5	16.2	-
11:49	8.8	9.5	11:49	20.5	16.5	-
11:50	9.3	9.5	11:50	15.5	16.4	-
11:51	8.8	9.5	11:51	18.8	16.6	-
11:52	8.8	9.4	11:52	16.3	16.7	-
11:53	8.8	9.1	11:53	16.8	16.7	-
11:54	9.0	9.0	11:54	39.5	18.3	-

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Time	Concentration (ug/m ³)	15-Min Avg Concentration (ug/m ³)	Time	Concentration (ug/m ³)	15-Min Avg Concentration (ug/m ³)	
11:55	11.3	9.1	11:55	16.0	18.2	-
11:56	9.0	9.0	11:56	16.8	18.3	-
11:57	9.5	9.0	11:57	17.0	18.4	-
11:58	10.0	9.1	11:58	18.5	18.4	-
11:59	9.8	9.2	11:59	16.8	18.4	-
12:00	9.8	9.2	12:00	28.8	19.2	-
12:01	9.8	9.3	12:01	15.8	19.3	-
12:02	10.0	9.4	12:02	16.0	19.3	-
12:03	11.0	9.6	12:03	16.0	19.3	-
12:04	10.0	9.6	12:04	16.5	19.0	-
12:05	9.5	9.7	12:05	16.3	19.0	-
12:06	10.3	9.8	12:06	17.8	19.0	-
12:07	10.3	9.9	12:07	18.3	19.1	-
12:08	10.5	10.0	12:08	22.5	19.5	-
12:09	10.5	10.1	12:09	16.5	18.0	-
12:10	10.3	10.0	12:10	16.0	18.0	-
12:11	10.4	10.1	12:11	30.8	18.9	-
12:12	10.8	10.2	12:12	16.5	18.9	-
12:13	10.8	10.2	12:13	17.8	18.8	-
12:14	10.8	10.3	12:14	16.0	18.8	-
12:15	10.8	10.4	12:15	17.8	18.0	-
12:16	10.8	10.4	12:16	16.8	18.1	-
12:17	10.6	10.5	12:17	42.5	19.9	-
12:18	10.0	10.4	12:18	17.3	19.9	-
12:19	9.6	10.4	12:19	30.8	20.9	-
12:20	10.4	10.5	12:20	40.8	22.5	-
12:21	10.8	10.5	12:21	32.0	23.5	-
12:22	11.0	10.5	12:22	182.3	34.4	-
12:23	10.8	10.6	12:23	19.5	34.2	-
12:24	11.0	10.6	12:24	16.5	34.2	-
12:25	10.8	10.6	12:25	19.5	34.4	-
12:26	10.4	10.6	12:26	16.3	33.5	-
12:27	11.2	10.7	12:27	17.0	33.5	-
12:28	11.8	10.7	12:28	17.0	33.5	-
12:29	10.6	10.7	12:29	17.3	33.5	-
12:30	10.8	10.7	12:30	17.0	33.5	-
12:31	10.4	10.7	12:31	16.5	33.5	-
12:32	10.4	10.7	12:32	18.0	31.8	-
12:33	10.6	10.7	12:33	41.3	33.4	-
12:34	10.6	10.8	12:34	17.3	32.5	-
12:35	10.6	10.8	12:35	17.3	31.0	-
12:36	10.4	10.8	12:36	18.5	30.1	-
12:37	10.6	10.7	12:37	16.3	19.0	-
12:38	10.8	10.7	12:38	18.0	18.9	-
12:39	10.8	10.7	12:39	17.3	19.0	-
12:40	11.2	10.7	12:40	19.5	19.0	-
12:41	12.0	10.9	12:41	17.8	19.1	-

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Time	Concentration (ug/m ³)	15-Min Avg Concentration (ug/m ³)	Time	Concentration (ug/m ³)	15-Min Avg Concentration (ug/m ³)	
12:42	11.0	10.8	12:42	17.8	19.1	-
12:43	11.0	10.8	12:43	17.3	19.1	-
12:44	11.2	10.8	12:44	16.8	19.1	-
12:45	11.8	10.9	12:45	18.3	19.2	-
12:46	12.0	11.0	12:46	36.0	20.5	-
12:47	12.4	11.1	12:47	31.3	21.4	-
12:48	11.8	11.2	12:48	19.0	19.9	-
12:49	11.2	11.3	12:49	18.3	19.9	-
12:50	11.6	11.3	12:50	18.8	20.0	-
12:51	11.4	11.4	12:51	17.5	20.0	-
12:52	12.0	11.5	12:52	17.8	20.1	-
12:53	12.2	11.6	12:53	22.0	20.3	-
12:54	12.2	11.7	12:54	25.3	20.9	-
12:55	12.6	11.8	12:55	20.3	20.9	-
12:56	12.6	11.8	12:56	17.8	20.9	-
12:57	12.6	11.9	12:57	18.0	20.9	-
12:58	12.2	12.0	12:58	18.8	21.0	-
12:59	12.4	12.1	12:59	20.8	21.3	-
13:00	12.6	12.1	13:00	51.8	23.5	-
13:01	12.8	12.2	13:01	53.3	24.7	-
13:02	13.2	12.2	13:02	56.0	26.3	-
13:03	13.0	12.3	13:03	19.8	26.4	-
13:04	13.0	12.4	13:04	17.5	26.3	-
13:05	13.0	12.5	13:05	17.8	26.3	-
13:06	13.0	12.6	13:06	19.5	26.4	-
13:07	13.2	12.7	13:07	17.5	26.4	-
13:08	13.4	12.8	13:08	19.5	26.2	-
13:09	13.6	12.9	13:09	17.5	25.7	-
13:10	13.4	12.9	13:10	24.3	26.0	-
13:11	13.2	13.0	13:11	19.0	26.1	-
13:12	13.6	13.0	13:12	18.3	26.1	-
13:13	13.4	13.1	13:13	27.3	26.6	-
13:14	13.8	13.2	13:14	18.0	26.5	-
13:15	13.8	13.3	13:15	17.0	24.1	-
13:16	14.0	13.4	13:16	24.8	22.2	-
13:17	13.6	13.4	13:17	22.5	20.0	-
13:18	14.0	13.5	13:18	18.5	19.9	-
13:19	14.0	13.5	13:19	25.3	20.4	-
13:20	14.6	13.6	13:20	21.0	20.7	-
13:21	14.8	13.8	13:21	19.0	20.6	-
13:22	14.8	13.9	13:22	18.3	20.7	-
13:23	14.8	14.0	13:23	18.0	20.6	-
13:24	15.0	14.0	13:24	17.3	20.6	-
13:25	14.8	14.1	13:25	20.3	20.3	-
13:26	15.0	14.3	13:26	17.3	20.2	-
13:27	14.5	14.3	13:27	19.0	20.2	-
13:28	14.8	14.4	13:28	18.0	19.6	-

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Time	Concentration (ug/m ³)	15-Min Avg Concentration (ug/m ³)	Time	Concentration (ug/m ³)	15-Min Avg Concentration (ug/m ³)	
13:29	14.8	14.5	13:29	17.8	19.6	-
13:30	14.8	14.5	13:30	17.5	19.6	-
13:31	15.3	14.6	13:31	17.5	19.1	-
13:32	15.0	14.7	13:32	17.3	18.8	-
13:33	15.3	14.8	13:33	17.5	18.7	-
13:34	15.8	14.9	13:34	20.5	18.4	-
13:35	15.5	15.0	13:35	17.8	18.2	-
13:36	16.3	15.1	13:36	18.0	18.1	-
13:37	15.5	15.1	13:37	18.5	18.1	-
13:38	15.8	15.2	13:38	18.0	18.1	-
13:39	15.0	15.2	13:39	17.5	18.2	-
13:40	15.8	15.3	13:40	17.8	18.0	-
13:41	15.5	15.3	13:41	18.0	18.0	-
13:42	15.3	15.3	13:42	18.5	18.0	-
13:43	15.3	15.4	13:43	18.5	18.0	-
13:44	14.8	15.4	13:44	19.3	18.1	-
13:45	15.5	15.4	13:45	42.3	19.8	-
13:46	15.3	15.4	13:46	19.3	19.9	-
13:47	15.8	15.5	13:47	40.8	21.5	-
13:48	15.0	15.5	13:48	19.3	21.6	-
13:49	15.5	15.4	13:49	20.5	21.6	-
13:50	15.8	15.5	13:50	18.5	21.6	-
13:51	16.0	15.4	13:51	18.5	21.7	-
13:52	19.5	15.7	13:52	18.0	21.6	-
13:53	16.5	15.8	13:53	17.5	21.6	-
13:54	16.5	15.9	13:54	20.0	21.8	-
13:55	16.3	15.9	13:55	28.8	22.5	-
13:56	16.0	15.9	13:56	18.5	22.5	-
13:57	16.8	16.0	13:57	19.3	22.6	-
13:58	17.0	16.1	13:58	18.8	22.6	-
13:59	15.8	16.2	13:59	18.8	22.6	-
14:00	16.3	16.3	14:00	18.5	21.0	-
14:01	17.0	16.4	14:01	18.8	21.0	-
14:02	17.0	16.5	14:02	21.8	19.7	-
14:03	17.3	16.6	14:03	17.8	19.6	-
14:04	16.8	16.7	14:04	18.3	19.4	-
14:05	17.0	16.8	14:05	33.3	20.4	-
14:06	17.3	16.9	14:06	30.3	21.2	-
14:07	16.5	16.7	14:07	17.5	21.2	-
14:08	16.5	16.7	14:08	24.5	21.6	-
14:09	16.8	16.7	14:09	21.8	21.8	-
14:10	29.5	17.6	14:10	20.3	21.2	-
14:11	17.0	17.6	14:11	25.0	21.6	-
14:12	16.5	17.6	14:12	18.5	21.6	-
14:13	16.0	17.5	14:13	25.0	22.0	-
14:14	16.0	17.6	14:14	18.8	22.0	-
14:15	16.0	17.5	14:15	19.3	22.0	-

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Time	Concentration (ug/m ³)	15-Min Avg Concentration (ug/m ³)	Time	Concentration (ug/m ³)	15-Min Avg Concentration (ug/m ³)	
14:16	16.8	17.5	14:16	20.5	22.2	-
14:17	16.5	17.5	14:17	49.3	24.0	-
14:18	16.3	17.4	14:18	19.0	24.1	-
14:19	16.8	17.4	14:19	18.8	24.1	-
14:20	16.8	17.4	14:20	19.3	23.2	-
14:21	17.0	17.4	14:21	18.3	22.4	-
14:22	17.0	17.4	14:22	20.5	22.6	-
14:23	16.5	17.4	14:23	20.3	22.3	-
14:24	16.3	17.4	14:24	32.8	23.0	-
14:25	16.3	16.5	14:25	18.0	22.9	-
14:26	16.5	16.5	14:26	24.8	22.9	-
14:27	16.0	16.4	14:27	19.0	22.9	-
14:28	16.8	16.5	14:28	20.0	22.6	-
14:29	16.0	16.5	14:29	20.3	22.7	-
14:30	16.3	16.5	14:30	20.5	22.7	-
14:31	16.0	16.5	14:31	22.3	22.9	-
14:32	16.5	16.5	14:32	19.0	20.8	-
14:33	16.0	16.4	14:33	18.5	20.8	-
14:34	16.0	16.4	14:34	19.3	20.8	-
14:35	16.5	16.4	14:35	21.8	21.0	-
14:36	15.8	16.3	14:36	18.5	21.0	-
14:37	16.0	16.2	14:37	23.8	21.2	-
14:38	15.8	16.2	14:38	39.8	22.5	-
14:39	15.5	16.1	14:39	21.5	21.8	-
14:40	15.8	16.1	14:40	19.3	21.9	-
14:41	16.3	16.1	14:41	19.0	21.5	-
14:42	15.5	16.0	14:42	19.0	21.5	-
14:43	15.3	15.9	14:43	26.8	21.9	-
14:44	16.0	15.9	14:44	35.3	22.9	-
14:45	15.3	15.9	14:45	27.3	23.4	-
14:46	16.0	15.9	14:46	18.5	23.1	-
14:47	16.0	15.8	14:47	25.3	23.6	-
14:48	15.5	15.8	14:48	24.3	23.9	-
14:49	16.0	15.8	14:49	18.8	23.9	-
14:50	15.5	15.7	14:50	22.3	23.9	-
14:51	16.0	15.8	14:51	19.5	24.0	-
14:52	15.5	15.7	14:52	19.0	23.7	-
14:53	16.0	15.7	14:53	19.3	22.3	-
14:54	15.8	15.8	14:54	20.5	22.3	-
14:55	16.5	15.8	14:55	20.0	22.3	-
14:56	15.8	15.8	14:56	20.3	22.4	-
14:57	16.5	15.8	14:57	20.3	22.5	-
14:58	16.0	15.9	14:58	21.0	22.1	-
14:59	16.3	15.9	14:59	19.3	21.0	-
15:00	16.5	16.0	15:00	20.3	20.6	-
15:01	16.5	16.0	15:01	19.0	20.6	-
15:02	16.0	16.0	15:02	19.8	20.2	-

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Time	Concentration (ug/m ³)	15-Min Avg Concentration (ug/m ³)	Time	Concentration (ug/m ³)	15-Min Avg Concentration (ug/m ³)	
15:03	15.5	16.0	15:03	21.8	20.1	-
15:04	15.8	16.0	15:04	19.8	20.1	-
15:05	15.8	16.0	15:05	20.0	20.0	-
15:06	15.8	16.0	15:06	19.0	19.9	-
15:07	15.8	16.0	15:07	19.8	20.0	-
15:08	15.8	16.0	15:08	19.0	20.0	-
15:09	15.8	16.0	15:09	19.3	19.9	-
15:10	15.5	15.9	15:10	19.3	19.8	-
15:11	16.3	16.0	15:11	19.0	19.8	-
15:12	16.5	16.0	15:12	19.3	19.7	-
15:13	16.3	16.0	15:13	20.3	19.6	-
15:14	16.0	16.0	15:14	19.0	19.6	-
15:15	17.3	16.0	15:15	19.3	19.6	-
15:16	16.3	16.0	15:16	20.0	19.6	-
15:17	16.5	16.0	15:17	19.8	19.6	-
15:18	16.0	16.1	15:18	20.5	19.5	-
15:19	16.8	16.1	15:19	19.0	19.5	-
15:20	16.3	16.2	15:20	19.5	19.5	-
15:21	16.8	16.2	15:21	23.0	19.7	-
15:22	16.3	16.3	15:22	19.8	19.7	-
15:23	17.0	16.4	15:23	22.0	19.9	-
15:24	16.8	16.4	15:24	20.8	20.0	-
15:25	18.0	16.6	15:25	19.0	20.0	-
15:26	17.0	16.6	15:26	20.0	20.1	-
15:27	16.0	16.6	15:27	19.8	20.1	-
15:28	16.3	16.6	15:28	19.5	20.1	-
15:29	16.5	16.6	15:29	19.0	20.1	-
15:30	16.8	16.6	15:30	19.3	20.1	-
15:31	17.0	16.7	15:31	18.8	20.0	-
15:32	16.5	16.7	15:32	19.3	19.9	-
15:33	17.0	16.7	15:33	18.8	19.8	-
15:34	17.3	16.8	15:34	19.0	19.8	-
15:35	17.5	16.8	15:35	19.3	19.8	-
15:36	16.5	16.8	15:36	19.5	19.6	-
15:37	17.5	16.9	15:37	19.5	19.6	-
15:38	17.0	16.9	15:38	19.8	19.4	-
15:39	17.3	16.9	15:39	19.3	19.3	-
15:40	17.0	16.9	15:40	22.5	19.5	-
15:41	17.0	16.9	15:41	19.5	19.5	-
15:42	17.5	17.0	15:42	20.3	19.5	-
15:43	16.8	17.0	15:43	19.5	19.5	-
15:44	18.0	17.1	15:44	19.0	19.5	-
15:45	16.8	17.1	15:45	19.8	19.6	-
15:46	17.5	17.1	15:46	19.8	19.6	-
15:47	16.8	17.2	15:47	19.0	19.6	-
15:48	16.5	17.1	15:48	19.3	19.7	-
15:49	17.0	17.1	15:49	19.5	19.7	-

CAMP Data
Sun Valley Nursery Filling Station Site
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PARTICULATE DATA						
Upwind			Downwind			Exceeds Particulate Alarm Limit
Time	Concentration (ug/m ³)	15-Min Avg Concentration (ug/m ³)	Time	Concentration (ug/m ³)	15-Min Avg Concentration (ug/m ³)	
15:50	17.3	17.1	15:50	19.8	19.7	-
15:51	16.8	17.1	15:51	19.3	19.7	-
15:52	17.3	17.1	15:52	19.3	19.7	-
15:53	16.3	17.0	15:53	19.0	19.6	-
15:54	16.5	17.0	15:54	20.3	19.7	-
15:55	16.5	17.0	15:55	19.8	19.5	-
15:56	16.8	16.9	15:56	19.8	19.5	-
15:57	16.0	16.8	15:57	19.8	19.5	-
15:58	16.3	16.8	15:58	19.3	19.5	-
15:59	16.0	16.7	15:59	19.8	19.5	-
16:00	16.3	16.6	16:00	19.3	19.5	-
16:01	16.3	16.6	16:01	19.8	19.5	-
16:02	16.8	16.6	16:02	19.3	19.5	-
16:03	16.0	16.5	16:03	19.3	19.5	-
16:04	16.0	16.5	16:04	19.5	19.5	-
16:05	16.0	16.4	16:05	21.5	19.6	-
16:06	16.0	16.3	16:06	20.3	19.7	-
16:07	16.3	16.3	16:07	19.8	19.7	-
16:08	16.0	16.2	16:08	20.3	19.8	-
16:09	16.0	16.2	16:09	19.3	19.8	-
16:10	15.5	16.1	16:10	19.5	19.7	-
16:11	15.8	16.1	16:11	22.5	19.9	-
16:12	16.0	16.1	16:12	19.8	19.9	-
16:13	15.8	16.0	16:13	19.5	19.9	-
16:14	16.0	16.0	16:14	19.5	19.9	-
16:15	15.8	16.0	16:15	19.3	19.9	-
16:16	15.8	16.0	16:16	21.0	20.0	-
16:17	15.5	15.9	16:17	20.0	20.1	-
16:18	15.5	15.9	16:18	19.3	20.1	-
16:19	15.3	15.8	16:19	20.3	20.1	-
16:20	15.0	15.7	16:20	19.8	20.0	-

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Friday, September 15, 2023						
Number of Instances Where Downwind VOCs Exceeds Upwind VOCs + 5 =						0
Number of Comparable Data Points =						383
Start Time:						8:24
End Time:						16:20
PID DATA						
Upwind			Downwind			Exceeds VOC Alarm Limit
Time	Concentration (ppm)	15-Min Avg Concentration (ppm)	Time	Concentration (ppm)	15-Min Avg Concentration (ppm)	
8:24	0.0	-	8:24	0.0	-	-
8:25	0.0	-	8:25	-	-	-
8:26	0.0	-	8:26	-	-	-
8:27	0.0	-	8:27	-	-	-
8:28	0.0	-	8:28	-	-	-
8:29	0.0	-	8:29	-	-	-
8:30	0.0	-	8:30	-	-	-
8:31	0.0	-	8:31	-	-	-
8:32	0.0	-	8:32	-	-	-
8:33	0.0	-	8:33	0.0	-	-
8:34	0.0	-	8:34	-	-	-
8:35	0.0	-	8:35	-	-	-
8:36	0.0	-	8:36	-	-	-
8:37	0.0	-	8:37	-	-	-
8:38	0.0	-	8:38	-	-	-
8:39	0.0	0.0	8:39	-	-	-
8:40	0.0	0.0	8:40	-	-	-
8:41	0.0	0.0	8:41	-	-	-
8:42	0.0	0.0	8:42	-	-	-
8:43	0.0	0.0	8:43	-	-	-
8:44	0.0	0.0	8:44	-	-	-
8:45	0.0	0.0	8:45	-	-	-
8:46	0.0	0.0	8:46	-	-	-
8:47	0.0	0.0	8:47	-	-	-
8:48	0.0	0.0	8:48	-	-	-
8:49	0.0	0.0	8:49	-	-	-
8:50	0.0	0.0	8:50	-	-	-
8:51	0.0	0.0	8:51	-	-	-
8:52	0.0	0.0	8:52	-	-	-
8:53	0.0	0.0	8:53	-	-	-
8:54	0.0	0.0	8:54	-	-	-
8:55	0.0	0.0	8:55	-	-	-
8:56	0.0	0.0	8:56	-	-	-
8:57	0.0	0.0	8:57	-	-	-
8:58	0.0	0.0	8:58	-	-	-
8:59	0.0	0.0	8:59	-	-	-
9:00	0.0	0.0	9:00	-	-	-
9:01	0.0	0.0	9:01	-	-	-
9:02	0.0	0.0	9:02	-	-	-
9:03	0.0	0.0	9:03	-	-	-
9:04	0.0	0.0	9:04	-	-	-
9:05	0.0	0.0	9:05	-	-	-

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PID DATA						
Upwind			Downwind			Exceeds VOC Alarm Limit
Time	Concentration (ppm)	15-Min Avg Concentration (ppm)	Time	Concentration (ppm)	15-Min Avg Concentration (ppm)	
9:06	0.0	0.0	9:06	-	-	-
9:07	0.0	0.0	9:07	-	-	-
9:08	0.0	0.0	9:08	-	-	-
9:09	0.0	0.0	9:09	-	-	-
9:10	0.0	0.0	9:10	-	-	-
9:11	0.0	0.0	9:11	-	-	-
9:12	0.0	0.0	9:12	-	-	-
9:13	0.0	0.0	9:13	-	-	-
9:14	0.0	0.0	9:14	-	-	-
9:15	0.0	0.0	9:15	-	-	-
9:16	0.0	0.0	9:16	-	-	-
9:17	0.0	0.0	9:17	-	-	-
9:18	0.0	0.0	9:18	-	-	-
9:19	0.0	0.0	9:19	-	-	-
9:20	0.0	0.0	9:20	-	-	-
9:21	0.0	0.0	9:21	-	-	-
9:22	0.0	0.0	9:22	-	-	-
9:23	0.0	0.0	9:23	-	-	-
9:24	0.0	0.0	9:24	-	-	-
9:25	0.0	0.0	9:25	-	-	-
9:26	0.0	0.0	9:26	-	-	-
9:27	0.0	0.0	9:27	-	-	-
9:28	0.0	0.0	9:28	-	-	-
9:29	0.0	0.0	9:29	-	-	-
9:30	0.0	0.0	9:30	-	-	-
9:31	0.0	0.0	9:31	-	-	-
9:32	0.0	0.0	9:32	-	-	-
9:33	0.0	0.0	9:33	-	-	-
9:34	0.0	0.0	9:34	-	-	-
9:35	0.0	0.0	9:35	-	-	-
9:36	0.0	0.0	9:36	-	-	-
9:37	0.0	0.0	9:37	-	-	-
9:38	0.0	0.0	9:38	-	-	-
9:39	0.0	0.0	9:39	-	-	-
9:40	0.0	0.0	9:40	-	-	-
9:41	0.0	0.0	9:41	-	-	-
9:42	0.0	0.0	9:42	-	-	-
9:43	0.0	0.0	9:43	0.3	-	-
9:44	0.0	0.0	9:44	0.3	-	-
9:45	0.0	0.0	9:45	0.2	-	-
9:46	0.0	0.0	9:46	0.1	-	-
9:47	0.0	0.0	9:47	0.1	-	-
9:48	0.0	0.0	9:48	0.1	-	-
9:49	0.0	0.0	9:49	0.0	-	-
9:50	0.0	0.0	9:50	0.0	-	-
9:51	0.0	0.0	9:51	0.0	-	-
9:52	0.0	0.0	9:52	0.0	-	-

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PID DATA						
Upwind			Downwind			Exceeds VOC Alarm Limit
Time	Concentration (ppm)	15-Min Avg Concentration (ppm)	Time	Concentration (ppm)	15-Min Avg Concentration (ppm)	
9:53	0.0	0.0	9:53	0.0	-	-
9:54	0.0	0.0	9:54	0.0	-	-
9:55	0.0	0.0	9:55	0.0	-	-
9:56	0.0	0.0	9:56	0.0	-	-
9:57	0.0	0.0	9:57	0.0	-	-
9:58	0.0	0.0	9:58	0.0	0.1	-
9:59	0.0	0.0	9:59	0.0	0.0	-
10:00	0.0	0.0	10:00	0.0	0.0	-
10:01	0.0	0.0	10:01	0.0	0.0	-
10:02	0.0	0.0	10:02	0.0	0.0	-
10:03	0.0	0.0	10:03	0.0	0.0	-
10:04	0.0	0.0	10:04	0.0	0.0	-
10:05	0.0	0.0	10:05	0.0	0.0	-
10:06	0.0	0.0	10:06	0.0	0.0	-
10:07	0.0	0.0	10:07	0.0	0.0	-
10:08	0.0	0.0	10:08	0.0	0.0	-
10:09	0.0	0.0	10:09	0.0	0.0	-
10:10	0.0	0.0	10:10	0.0	0.0	-
10:11	0.0	0.0	10:11	0.0	0.0	-
10:12	0.0	0.0	10:12	0.0	0.0	-
10:13	0.0	0.0	10:13	0.0	0.0	-
10:14	0.0	0.0	10:14	0.0	0.0	-
10:15	0.0	0.0	10:15	0.0	0.0	-
10:16	0.0	0.0	10:16	0.0	0.0	-
10:17	0.0	0.0	10:17	0.0	0.0	-
10:18	0.0	0.0	10:18	0.0	0.0	-
10:19	0.0	0.0	10:19	0.0	0.0	-
10:20	0.0	0.0	10:20	0.0	0.0	-
10:21	0.0	0.0	10:21	0.0	0.0	-
10:22	0.0	0.0	10:22	0.0	0.0	-
10:23	0.0	0.0	10:23	0.0	0.0	-
10:24	0.0	0.0	10:24	0.0	0.0	-
10:25	0.0	0.0	10:25	0.0	0.0	-
10:26	0.0	0.0	10:26	0.0	0.0	-
10:27	0.0	0.0	10:27	0.0	0.0	-
10:28	0.0	0.0	10:28	0.0	0.0	-
10:29	0.0	0.0	10:29	0.0	0.0	-
10:30	0.0	0.0	10:30	0.0	0.0	-
10:31	0.0	0.0	10:31	0.0	0.0	-
10:32	0.0	0.0	10:32	0.0	0.0	-
10:33	0.0	0.0	10:33	0.0	0.0	-
10:34	0.0	0.0	10:34	0.0	0.0	-
10:35	0.0	0.0	10:35	0.0	0.0	-
10:36	0.0	0.0	10:36	0.0	0.0	-
10:37	0.0	0.0	10:37	0.0	0.0	-
10:38	0.0	0.0	10:38	0.0	0.0	-
10:39	0.0	0.0	10:39	0.0	0.0	-

CAMP Data
Sun Valley Nursery Filling Station Site
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PID DATA						
Upwind			Downwind			Exceeds VOC Alarm Limit
Time	Concentration (ppm)	15-Min Avg Concentration (ppm)	Time	Concentration (ppm)	15-Min Avg Concentration (ppm)	
10:40	0.0	0.0	10:40	0.0	0.0	-
10:41	0.0	0.0	10:41	0.0	0.0	-
10:42	0.0	0.0	10:42	0.0	0.0	-
10:43	0.0	0.0	10:43	0.0	0.0	-
10:44	0.0	0.0	10:44	0.0	0.0	-
10:45	0.0	0.0	10:45	0.0	0.0	-
10:46	0.0	0.0	10:46	0.0	0.0	-
10:47	0.0	0.0	10:47	0.0	0.0	-
10:48	0.0	0.0	10:48	0.0	0.0	-
10:49	0.0	0.0	10:49	0.0	0.0	-
10:50	0.0	0.0	10:50	0.0	0.0	-
10:51	0.0	0.0	10:51	0.0	0.0	-
10:52	0.0	0.0	10:52	0.0	0.0	-
10:53	0.0	0.0	10:53	0.0	0.0	-
10:54	0.0	0.0	10:54	0.0	0.0	-
10:55	0.0	0.0	10:55	0.0	0.0	-
10:56	0.0	0.0	10:56	0.0	0.0	-
10:57	0.0	0.0	10:57	0.0	0.0	-
10:58	0.0	0.0	10:58	0.0	0.0	-
10:59	0.0	0.0	10:59	0.0	0.0	-
11:00	0.0	0.0	11:00	0.0	0.0	-
11:01	0.0	0.0	11:01	0.0	0.0	-
11:02	0.0	0.0	11:02	0.0	0.0	-
11:03	0.0	0.0	11:03	0.0	0.0	-
11:04	0.0	0.0	11:04	0.0	0.0	-
11:05	0.0	0.0	11:05	0.0	0.0	-
11:06	0.0	0.0	11:06	0.0	0.0	-
11:07	0.0	0.0	11:07	0.0	0.0	-
11:08	0.0	0.0	11:08	0.0	0.0	-
11:09	0.0	0.0	11:09	0.0	0.0	-
11:10	0.0	0.0	11:10	0.0	0.0	-
11:11	0.0	0.0	11:11	0.0	0.0	-
11:12	0.0	0.0	11:12	0.0	0.0	-
11:13	0.0	0.0	11:13	0.0	0.0	-
11:14	0.0	0.0	11:14	0.0	0.0	-
11:15	0.0	0.0	11:15	0.0	0.0	-
11:16	0.0	0.0	11:16	0.0	0.0	-
11:17	0.0	0.0	11:17	0.0	0.0	-
11:18	0.0	0.0	11:18	0.0	0.0	-
11:19	0.0	0.0	11:19	0.0	0.0	-
11:20	0.0	0.0	11:20	0.0	0.0	-
11:21	0.0	0.0	11:21	0.0	0.0	-
11:22	0.0	0.0	11:22	0.0	0.0	-
11:23	0.0	0.0	11:23	0.0	0.0	-
11:24	0.0	0.0	11:24	0.0	0.0	-
11:25	0.0	0.0	11:25	0.0	0.0	-
11:26	0.0	0.0	11:26	0.0	0.0	-

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PID DATA						
Upwind			Downwind			Exceeds VOC Alarm Limit
Time	Concentration (ppm)	15-Min Avg Concentration (ppm)	Time	Concentration (ppm)	15-Min Avg Concentration (ppm)	
11:27	0.0	0.0	11:27	0.0	0.0	-
11:28	0.0	0.0	11:28	0.0	0.0	-
11:29	0.0	0.0	11:29	0.0	0.0	-
11:30	0.0	0.0	11:30	0.0	0.0	-
11:31	0.0	0.0	11:31	0.0	0.0	-
11:32	0.0	0.0	11:32	0.0	0.0	-
11:33	0.0	0.0	11:33	0.0	0.0	-
11:34	0.0	0.0	11:34	0.0	0.0	-
11:35	0.0	0.0	11:35	0.0	0.0	-
11:36	0.0	0.0	11:36	0.0	0.0	-
11:37	0.0	0.0	11:37	0.0	0.0	-
11:38	0.0	0.0	11:38	0.0	0.0	-
11:39	0.0	0.0	11:39	0.0	0.0	-
11:40	0.0	0.0	11:40	0.0	0.0	-
11:41	0.0	0.0	11:41	0.0	0.0	-
11:42	0.0	0.0	11:42	0.0	0.0	-
11:43	0.0	0.0	11:43	0.0	0.0	-
11:44	0.0	0.0	11:44	0.0	0.0	-
11:45	0.0	0.0	11:45	0.0	0.0	-
11:46	0.0	0.0	11:46	0.0	0.0	-
11:47	0.0	0.0	11:47	0.0	0.0	-
11:48	0.0	0.0	11:48	0.0	0.0	-
11:49	0.0	0.0	11:49	0.0	0.0	-
11:50	0.0	0.0	11:50	0.0	0.0	-
11:51	0.0	0.0	11:51	0.0	0.0	-
11:52	0.0	0.0	11:52	0.0	0.0	-
11:53	0.0	0.0	11:53	0.0	0.0	-
11:54	0.0	0.0	11:54	0.0	0.0	-
11:55	0.0	0.0	11:55	0.0	0.0	-
11:56	0.0	0.0	11:56	0.0	0.0	-
11:57	0.0	0.0	11:57	0.0	0.0	-
11:58	0.0	0.0	11:58	0.0	0.0	-
11:59	0.0	0.0	11:59	0.0	0.0	-
12:00	0.0	0.0	12:00	0.0	0.0	-
12:01	0.0	0.0	12:01	0.0	0.0	-
12:02	0.0	0.0	12:02	0.0	0.0	-
12:03	0.0	0.0	12:03	0.0	0.0	-
12:04	0.0	0.0	12:04	0.0	0.0	-
12:05	0.0	0.0	12:05	0.0	0.0	-
12:06	0.0	0.0	12:06	0.0	0.0	-
12:07	0.0	0.0	12:07	0.0	0.0	-
12:08	0.0	0.0	12:08	0.0	0.0	-
12:09	0.0	0.0	12:09	0.0	0.0	-
12:10	0.0	0.0	12:10	0.0	0.0	-
12:11	0.0	0.0	12:11	0.0	0.0	-
12:12	0.0	0.0	12:12	0.0	0.0	-
12:13	0.0	0.0	12:13	0.0	0.0	-

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PID DATA						
Upwind			Downwind			Exceeds VOC Alarm Limit
Time	Concentration (ppm)	15-Min Avg Concentration (ppm)	Time	Concentration (ppm)	15-Min Avg Concentration (ppm)	
12:14	0.0	0.0	12:14	0.0	0.0	-
12:15	0.0	0.0	12:15	0.0	0.0	-
12:16	0.0	0.0	12:16	0.0	0.0	-
12:17	0.0	0.0	12:17	0.0	0.0	-
12:18	0.0	0.0	12:18	0.0	0.0	-
12:19	0.0	0.0	12:19	0.0	0.0	-
12:20	0.0	0.0	12:20	0.0	0.0	-
12:21	0.0	0.0	12:21	0.0	0.0	-
12:22	0.0	0.0	12:22	0.0	0.0	-
12:23	0.0	0.0	12:23	0.0	0.0	-
12:24	0.0	0.0	12:24	0.0	0.0	-
12:25	0.0	0.0	12:25	0.0	0.0	-
12:26	0.0	0.0	12:26	0.0	0.0	-
12:27	0.0	0.0	12:27	0.0	0.0	-
12:28	0.0	0.0	12:28	0.0	0.0	-
12:29	0.0	0.0	12:29	0.0	0.0	-
12:30	0.0	0.0	12:30	0.0	0.0	-
12:31	0.0	0.0	12:31	0.0	0.0	-
12:32	0.0	0.0	12:32	0.0	0.0	-
12:33	0.0	0.0	12:33	0.0	0.0	-
12:34	0.0	0.0	12:34	0.0	0.0	-
12:35	0.0	0.0	12:35	0.0	0.0	-
12:36	0.0	0.0	12:36	0.0	0.0	-
12:37	0.0	0.0	12:37	0.0	0.0	-
12:38	0.0	0.0	12:38	0.0	0.0	-
12:39	0.0	0.0	12:39	0.0	0.0	-
12:40	0.0	0.0	12:40	0.0	0.0	-
12:41	0.0	0.0	12:41	0.0	0.0	-
12:42	0.0	0.0	12:42	0.0	0.0	-
12:43	0.0	0.0	12:43	0.0	0.0	-
12:44	0.0	0.0	12:44	0.0	0.0	-
12:45	0.0	0.0	12:45	0.0	0.0	-
12:46	0.0	0.0	12:46	0.0	0.0	-
12:47	0.0	0.0	12:47	0.0	0.0	-
12:48	0.0	0.0	12:48	0.0	0.0	-
12:49	0.0	0.0	12:49	0.0	0.0	-
12:50	0.0	0.0	12:50	0.0	0.0	-
12:51	0.0	0.0	12:51	0.0	0.0	-
12:52	0.0	0.0	12:52	0.0	0.0	-
12:53	0.0	0.0	12:53	0.0	0.0	-
12:54	0.0	0.0	12:54	0.0	0.0	-
12:55	0.0	0.0	12:55	0.0	0.0	-
12:56	0.0	0.0	12:56	0.0	0.0	-
12:57	0.0	0.0	12:57	0.0	0.0	-
12:58	0.0	0.0	12:58	0.0	0.0	-
12:59	0.0	0.0	12:59	0.0	0.0	-
13:00	0.0	0.0	13:00	0.0	0.0	-

CAMP Data
Sun Valley Nursery Filling Station Site
Ossining, New York
BCP No C360207
September 15, 2023

PID DATA						
Upwind			Downwind			Exceeds VOC Alarm Limit
Time	Concentration (ppm)	15-Min Avg Concentration (ppm)	Time	Concentration (ppm)	15-Min Avg Concentration (ppm)	
13:01	0.0	0.0	13:01	0.0	0.0	-
13:02	0.0	0.0	13:02	0.0	0.0	-
13:03	0.0	0.0	13:03	0.0	0.0	-
13:04	0.0	0.0	13:04	0.0	0.0	-
13:05	0.0	0.0	13:05	0.0	0.0	-
13:06	0.0	0.0	13:06	0.0	0.0	-
13:07	0.0	0.0	13:07	0.0	0.0	-
13:08	0.0	0.0	13:08	0.0	0.0	-
13:09	0.0	0.0	13:09	0.0	0.0	-
13:10	0.0	0.0	13:10	0.0	0.0	-
13:11	0.0	0.0	13:11	0.0	0.0	-
13:12	0.0	0.0	13:12	0.0	0.0	-
13:13	0.0	0.0	13:13	0.0	0.0	-
13:14	0.0	0.0	13:14	0.0	0.0	-
13:15	0.0	0.0	13:15	0.0	0.0	-
13:16	0.0	0.0	13:16	0.0	0.0	-
13:17	0.0	0.0	13:17	0.0	0.0	-
13:18	0.0	0.0	13:18	0.0	0.0	-
13:19	0.0	0.0	13:19	0.0	0.0	-
13:20	0.0	0.0	13:20	0.0	0.0	-
13:21	0.0	0.0	13:21	0.0	0.0	-
13:22	0.0	0.0	13:22	0.0	0.0	-
13:23	0.0	0.0	13:23	0.0	0.0	-
13:24	0.0	0.0	13:24	0.0	0.0	-
13:25	0.0	0.0	13:25	0.0	0.0	-
13:26	0.0	0.0	13:26	0.0	0.0	-
13:27	0.0	0.0	13:27	0.0	0.0	-
13:28	0.0	0.0	13:28	0.0	0.0	-
13:29	0.0	0.0	13:29	0.0	0.0	-
13:30	0.0	0.0	13:30	0.0	0.0	-
13:31	0.0	0.0	13:31	0.0	0.0	-
13:32	0.0	0.0	13:32	0.0	0.0	-
13:33	0.0	0.0	13:33	0.0	0.0	-
13:34	0.0	0.0	13:34	0.0	0.0	-
13:35	0.0	0.0	13:35	0.0	0.0	-
13:36	0.0	0.0	13:36	0.0	0.0	-
13:37	0.0	0.0	13:37	0.0	0.0	-
13:38	0.0	0.0	13:38	0.0	0.0	-
13:39	0.0	0.0	13:39	0.0	0.0	-
13:40	0.0	0.0	13:40	0.0	0.0	-
13:41	0.0	0.0	13:41	0.0	0.0	-
13:42	0.0	0.0	13:42	0.0	0.0	-
13:43	0.0	0.0	13:43	0.0	0.0	-
13:44	0.0	0.0	13:44	0.0	0.0	-
13:45	0.0	0.0	13:45	0.0	0.0	-
13:46	0.0	0.0	13:46	0.0	0.0	-
13:47	0.0	0.0	13:47	0.0	0.0	-

CAMP Data
Sun Valley Nursery Filling Station Site
Ossining, New York
BCP No C360207
September 15, 2023

PID DATA						
Upwind			Downwind			Exceeds VOC Alarm Limit
Time	Concentration (ppm)	15-Min Avg Concentration (ppm)	Time	Concentration (ppm)	15-Min Avg Concentration (ppm)	
13:48	0.0	0.0	13:48	0.0	0.0	-
13:49	0.0	0.0	13:49	0.0	0.0	-
13:50	0.0	0.0	13:50	0.0	0.0	-
13:51	0.0	0.0	13:51	0.0	0.0	-
13:52	0.0	0.0	13:52	0.0	0.0	-
13:53	0.0	0.0	13:53	0.0	0.0	-
13:54	0.0	0.0	13:54	0.0	0.0	-
13:55	0.0	0.0	13:55	0.0	0.0	-
13:56	0.0	0.0	13:56	0.0	0.0	-
13:57	0.0	0.0	13:57	0.0	0.0	-
13:58	0.0	0.0	13:58	0.0	0.0	-
13:59	0.0	0.0	13:59	0.0	0.0	-
14:00	0.0	0.0	14:00	0.0	0.0	-
14:01	0.0	0.0	14:01	0.0	0.0	-
14:02	0.0	0.0	14:02	0.0	0.0	-
14:03	0.0	0.0	14:03	0.0	0.0	-
14:04	0.0	0.0	14:04	0.0	0.0	-
14:05	0.0	0.0	14:05	0.0	0.0	-
14:06	0.0	0.0	14:06	0.0	0.0	-
14:07	0.0	0.0	14:07	0.0	0.0	-
14:08	0.0	0.0	14:08	0.0	0.0	-
14:09	0.0	0.0	14:09	0.0	0.0	-
14:10	0.0	0.0	14:10	0.0	0.0	-
14:11	0.0	0.0	14:11	0.0	0.0	-
14:12	0.0	0.0	14:12	0.0	0.0	-
14:13	0.0	0.0	14:13	0.0	0.0	-
14:14	0.0	0.0	14:14	0.0	0.0	-
14:15	0.0	0.0	14:15	0.0	0.0	-
14:16	0.0	0.0	14:16	0.0	0.0	-
14:17	0.0	0.0	14:17	0.0	0.0	-
14:18	0.0	0.0	14:18	0.0	0.0	-
14:19	0.0	0.0	14:19	0.0	0.0	-
14:20	0.0	0.0	14:20	0.0	0.0	-
14:21	0.0	0.0	14:21	0.0	0.0	-
14:22	0.0	0.0	14:22	0.0	0.0	-
14:23	0.0	0.0	14:23	0.0	0.0	-
14:24	0.0	0.0	14:24	0.0	0.0	-
14:25	0.0	0.0	14:25	0.0	0.0	-
14:26	0.0	0.0	14:26	0.0	0.0	-
14:27	0.0	0.0	14:27	0.0	0.0	-
14:28	0.0	0.0	14:28	0.0	0.0	-
14:29	0.0	0.0	14:29	0.0	0.0	-
14:30	0.0	0.0	14:30	0.0	0.0	-
14:31	0.0	0.0	14:31	0.0	0.0	-
14:32	0.0	0.0	14:32	0.0	0.0	-
14:33	0.0	0.0	14:33	0.0	0.0	-
14:34	0.0	0.0	14:34	0.0	0.0	-

CAMP Data
Sun Valley Nursery Filling Station Site
Ossining, New York
BCP No C360207
September 15, 2023

PID DATA						
Upwind			Downwind			Exceeds VOC Alarm Limit
Time	Concentration (ppm)	15-Min Avg Concentration (ppm)	Time	Concentration (ppm)	15-Min Avg Concentration (ppm)	
14:35	0.0	0.0	14:35	0.0	0.0	-
14:36	0.0	0.0	14:36	0.0	0.0	-
14:37	0.0	0.0	14:37	0.0	0.0	-
14:38	0.0	0.0	14:38	0.0	0.0	-
14:39	0.0	0.0	14:39	0.0	0.0	-
14:40	0.0	0.0	14:40	0.0	0.0	-
14:41	0.0	0.0	14:41	0.0	0.0	-
14:42	0.0	0.0	14:42	0.0	0.0	-
14:43	0.0	0.0	14:43	0.0	0.0	-
14:44	0.0	0.0	14:44	0.0	0.0	-
14:45	0.0	0.0	14:45	0.0	0.0	-
14:46	0.0	0.0	14:46	0.0	0.0	-
14:47	0.0	0.0	14:47	0.0	0.0	-
14:48	0.0	0.0	14:48	0.0	0.0	-
14:49	0.0	0.0	14:49	0.0	0.0	-
14:50	0.0	0.0	14:50	0.0	0.0	-
14:51	0.0	0.0	14:51	0.0	0.0	-
14:52	0.0	0.0	14:52	0.0	0.0	-
14:53	0.0	0.0	14:53	0.0	0.0	-
14:54	0.0	0.0	14:54	0.0	0.0	-
14:55	0.0	0.0	14:55	0.0	0.0	-
14:56	0.0	0.0	14:56	0.0	0.0	-
14:57	0.0	0.0	14:57	0.0	0.0	-
14:58	0.0	0.0	14:58	0.0	0.0	-
14:59	0.0	0.0	14:59	0.0	0.0	-
15:00	0.0	0.0	15:00	0.0	0.0	-
15:01	0.0	0.0	15:01	0.0	0.0	-
15:02	0.0	0.0	15:02	0.0	0.0	-
15:03	0.0	0.0	15:03	0.0	0.0	-
15:04	0.0	0.0	15:04	0.0	0.0	-
15:05	0.0	0.0	15:05	0.0	0.0	-
15:06	0.0	0.0	15:06	0.0	0.0	-
15:07	0.0	0.0	15:07	0.0	0.0	-
15:08	0.0	0.0	15:08	0.0	0.0	-
15:09	0.0	0.0	15:09	0.0	0.0	-
15:10	0.0	0.0	15:10	0.0	0.0	-
15:11	0.0	0.0	15:11	0.0	0.0	-
15:12	0.0	0.0	15:12	0.0	0.0	-
15:13	0.0	0.0	15:13	0.0	0.0	-
15:14	0.0	0.0	15:14	0.0	0.0	-
15:15	0.0	0.0	15:15	0.0	0.0	-
15:16	0.0	0.0	15:16	0.0	0.0	-
15:17	0.0	0.0	15:17	0.0	0.0	-
15:18	0.0	0.0	15:18	0.0	0.0	-
15:19	0.0	0.0	15:19	0.0	0.0	-
15:20	0.0	0.0	15:20	0.0	0.0	-
15:21	0.0	0.0	15:21	0.0	0.0	-

CAMP Data
Sun Valley Nursery Filling Station Site
Ossining, New York
BCP No C360207
September 15, 2023

PID DATA						
Upwind			Downwind			Exceeds VOC Alarm Limit
Time	Concentration (ppm)	15-Min Avg Concentration (ppm)	Time	Concentration (ppm)	15-Min Avg Concentration (ppm)	
15:22	0.0	0.0	15:22	0.0	0.0	-
15:23	0.0	0.0	15:23	0.0	0.0	-
15:24	0.0	0.0	15:24	0.0	0.0	-
15:25	0.0	0.0	15:25	0.0	0.0	-
15:26	0.0	0.0	15:26	0.0	0.0	-
15:27	0.0	0.0	15:27	0.0	0.0	-
15:28	0.0	0.0	15:28	0.0	0.0	-
15:29	0.0	0.0	15:29	0.0	0.0	-
15:30	0.0	0.0	15:30	0.0	0.0	-
15:31	0.0	0.0	15:31	0.0	0.0	-
15:32	0.0	0.0	15:32	0.0	0.0	-
15:33	0.0	0.0	15:33	0.0	0.0	-
15:34	0.0	0.0	15:34	0.0	0.0	-
15:35	0.0	0.0	15:35	0.0	0.0	-
15:36	0.0	0.0	15:36	0.0	0.0	-
15:37	0.0	0.0	15:37	0.0	0.0	-
15:38	0.0	0.0	15:38	0.0	0.0	-
15:39	0.0	0.0	15:39	0.0	0.0	-
15:40	0.0	0.0	15:40	0.0	0.0	-
15:41	0.0	0.0	15:41	0.0	0.0	-
15:42	0.0	0.0	15:42	0.0	0.0	-
15:43	0.0	0.0	15:43	0.0	0.0	-
15:44	0.0	0.0	15:44	0.0	0.0	-
15:45	0.0	0.0	15:45	0.0	0.0	-
15:46	0.0	0.0	15:46	0.0	0.0	-
15:47	0.0	0.0	15:47	0.0	0.0	-
15:48	0.0	0.0	15:48	0.0	0.0	-
15:49	0.0	0.0	15:49	0.0	0.0	-
15:50	0.0	0.0	15:50	0.0	0.0	-
15:51	0.0	0.0	15:51	0.0	0.0	-
15:52	0.0	0.0	15:52	0.0	0.0	-
15:53	0.0	0.0	15:53	0.0	0.0	-
15:54	0.0	0.0	15:54	0.0	0.0	-
15:55	0.0	0.0	15:55	0.0	0.0	-
15:56	0.0	0.0	15:56	0.0	0.0	-
15:57	0.0	0.0	15:57	0.0	0.0	-
15:58	0.0	0.0	15:58	0.0	0.0	-
15:59	0.0	0.0	15:59	0.0	0.0	-
16:00	0.0	0.0	16:00	0.0	0.0	-
16:01	0.0	0.0	16:01	0.0	0.0	-
16:02	0.0	0.0	16:02	0.0	0.0	-
16:03	0.0	0.0	16:03	0.0	0.0	-
16:04	0.0	0.0	16:04	0.0	0.0	-
16:05	0.0	0.0	16:05	0.0	0.0	-
16:06	0.0	0.0	16:06	0.0	0.0	-
16:07	0.0	0.0	16:07	0.0	0.0	-
16:08	0.0	0.0	16:08	0.0	0.0	-

CAMP Data
Sun Valley Nursery Filling Station Site
Ossining, New York
BCP No C360207
September 15, 2023

PID DATA						
Upwind			Downwind			Exceeds VOC Alarm Limit
Time	Concentration (ppm)	15-Min Avg Concentration (ppm)	Time	Concentration (ppm)	15-Min Avg Concentration (ppm)	
16:09	0.0	0.0	16:09	0.0	0.0	-
16:10	0.0	0.0	16:10	0.0	0.0	-
16:11	0.0	0.0	16:11	0.0	0.0	-
16:12	0.0	0.0	16:12	0.0	0.0	-
16:13	0.0	0.0	16:13	0.0	0.0	-
16:14	0.0	0.0	16:14	0.0	0.0	-
16:15	0.0	0.0	16:15	0.0	0.0	-
16:16	0.0	0.0	16:16	0.0	0.0	-
16:17	0.0	0.0	16:17	0.0	0.0	-
16:18	0.0	0.0	16:18	0.0	0.0	-
16:19	0.0	0.0	16:19	0.0	0.0	-
16:20	0.0	0.0	16:20	0.0	0.0	-



959 US-46 Floor 3, Suite 300 - Parsippany-Troy Hills, NJ

DAILY AIR MONITORING REPORT

136-140 Croton Avenue

Ossining, New York

09/19/2023

Rev. No. 0

Page 1 of 2

Project Number: 12060

Dust Action Level

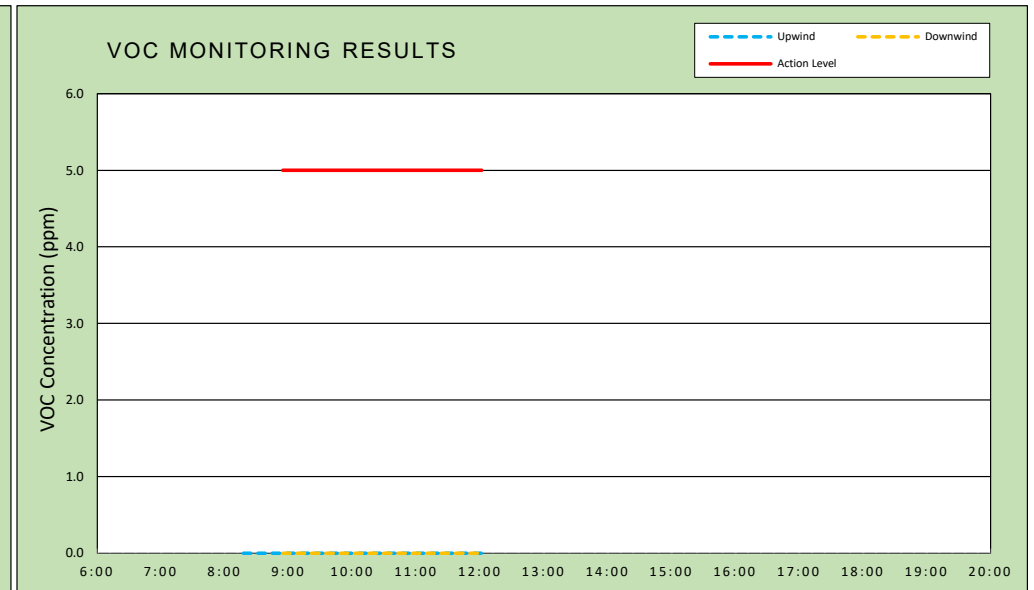
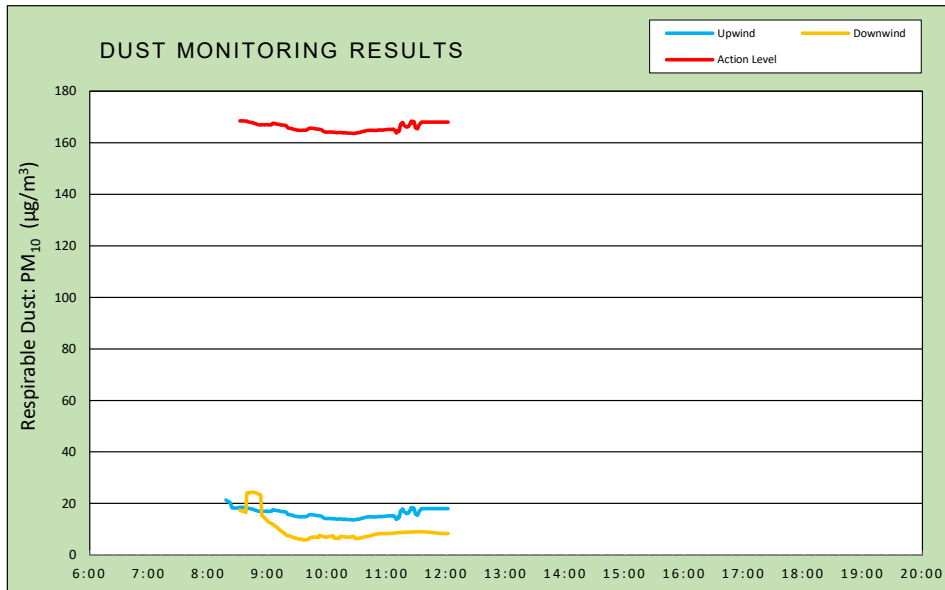
150 $\mu\text{g}/\text{m}^3$

VOC Action Level

5 ppm

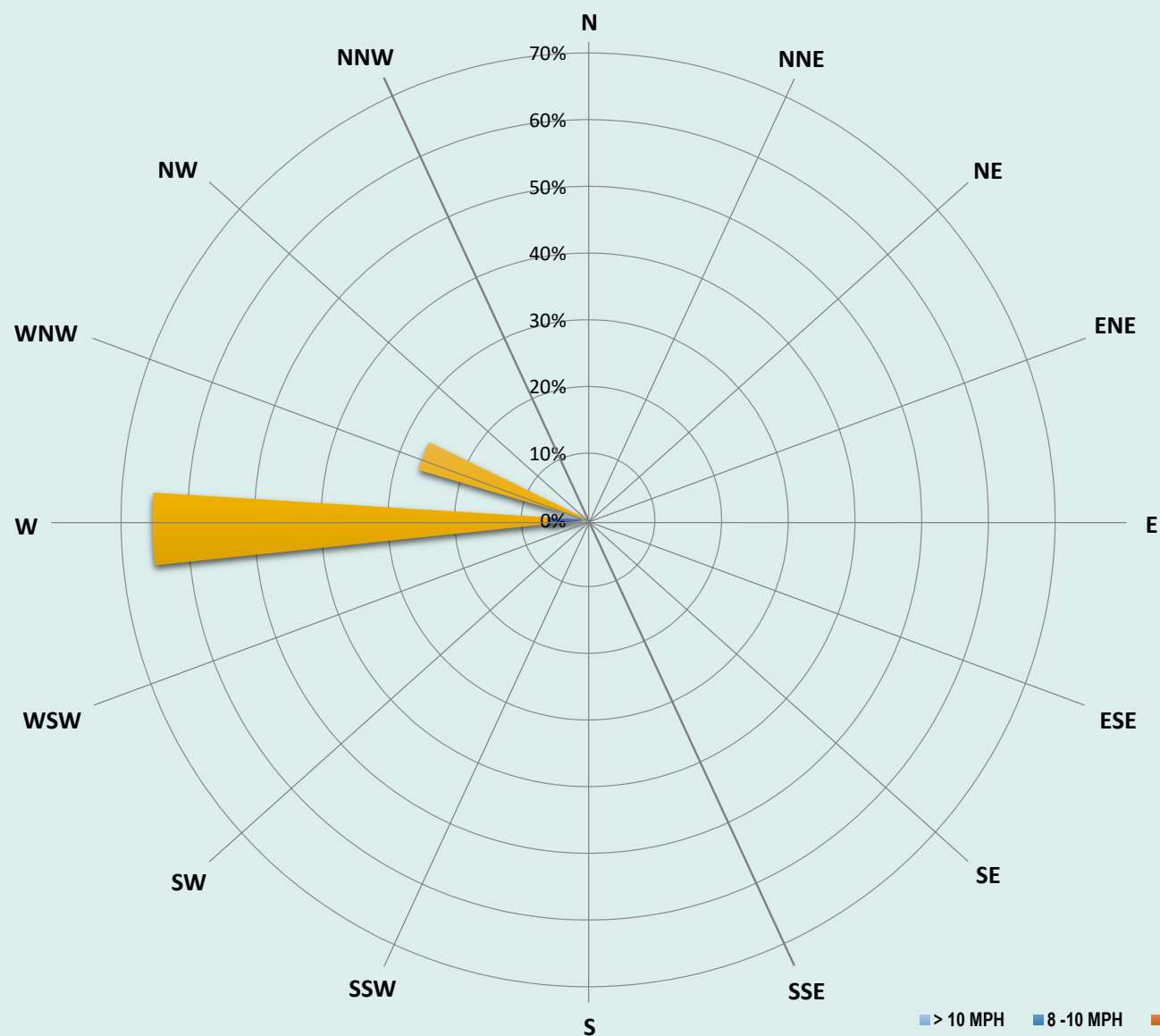
Weather Data Range for Work Day		Wind Direction	W	Relative Humidity (%)	67.0 - 95.0	Daily Rain Total (in)	0.00	Readings in the summary table and graphs below are the reported downwind concentrations.
Temperature (°F)	58.0 - 67.0	Wind Speed (MPH)	1.9 - 4.6	Barometer (inHg)	29.90 - 29.90	Avg. Dew Point Temp (°F)	57.2	

Station Location	Daily Avg. Dust Concentration ($\mu\text{g}/\text{m}^3$)	Max 15-Min Dust Concentration ($\mu\text{g}/\text{m}^3$)	Time of Max Dust Reading	Daily Avg. VOC Concentration (ppm)	Max 15-Min VOC Concentration (ppm)	Time of Max VOC Reading
Upwind	16.3	21.4	8:18	0.0	0.0	8:18
Downwind	9.9	24.4	8:44	0.0	0.0	8:55



Air Monitoring Notes:

Weather Notes:



SESI - Croton Ave
Air Monitoring
09/19/23
Wind Speed & Direction
Daily Readings

CAMP Data
Sun Valley Nursery Filling Station Site
Ossining, New York
BCP No C360207
September 19, 2023

Tuesday, September 19, 2023						
Number of Instances Where Downwind Particulates Exceeds Upwind Particulate + 150 =						0
Number of Comparable Data Points =						211
Start Time:						8:03
End Time:						12:02
PARTICULATE DATA						
Upwind			Downwind			Exceeds Particulate Alarm Limit
Time	Concentration (ug/m ³)	15-Min Avg Concentration (ug/m ³)	Time	Concentration (ug/m ³)	15-Min Avg Concentration (ug/m ³)	
8:03	0.0	-	8:03	-	-	-
8:04	24.3	-	8:04	-	-	-
8:05	21.5	-	8:05	-	-	-
8:06	21.3	-	8:06	-	-	-
8:07	23.5	-	8:07	-	-	-
8:08	28.5	-	8:08	-	-	-
8:09	36.3	-	8:09	-	-	-
8:10	19.8	-	8:10	-	-	-
8:11	19.8	-	8:11	-	-	-
8:12	19.0	-	8:12	-	-	-
8:13	18.5	-	8:13	-	-	-
8:14	18.0	-	8:14	-	-	-
8:15	17.5	-	8:15	-	-	-
8:16	18.0	-	8:16	-	-	-
8:17	17.3	-	8:17	18.0	-	-
8:18	17.5	21.4	8:18	19.3	-	-
8:19	19.0	21.0	8:19	19.0	-	-
8:20	18.3	20.8	8:20	17.8	-	-
8:21	18.8	20.6	8:21	18.0	-	-
8:22	18.3	20.3	8:22	17.8	-	-
8:23	17.3	19.5	8:23	17.8	-	-
8:24	18.0	18.3	8:24	18.0	-	-
8:25	20.3	18.4	8:25	17.3	-	-
8:26	18.3	18.3	8:26	17.0	-	-
8:27	19.0	18.3	8:27	17.5	-	-
8:28	18.0	18.2	8:28	17.3	-	-
8:29	18.0	18.2	8:29	16.0	-	-
8:30	18.5	18.3	8:30	16.3	-	-
8:31	19.8	18.4	8:31	16.5	-	-
8:32	18.5	18.5	8:32	16.5	17.5	-
8:33	17.8	18.5	8:33	16.0	17.2	-
8:34	18.8	18.5	8:34	16.3	17.1	-
8:35	18.3	18.5	8:35	16.0	16.9	-
8:36	18.0	18.4	8:36	16.3	16.8	-
8:37	17.8	18.4	8:37	16.0	16.7	-
8:38	17.5	18.4	8:38	15.8	16.6	-
8:39	17.3	18.4	8:39	129.3	24.0	-
8:40	16.8	18.1	8:40	19.5	24.1	-
8:41	17.3	18.1	8:41	18.5	24.2	-
8:42	17.8	18.0	8:42	17.5	24.2	-
8:43	17.0	17.9	8:43	17.8	24.3	-

CAMP Data
Sun Valley Nursery Filling Station Site
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PARTICULATE DATA						
Upwind			Downwind			Exceeds Particulate Alarm Limit
Time	Concentration (ug/m ³)	15-Min Avg Concentration (ug/m ³)	Time	Concentration (ug/m ³)	15-Min Avg Concentration (ug/m ³)	
8:44	17.0	17.9	8:44	17.5	24.4	-
8:45	17.3	17.8	8:45	16.3	24.4	-
8:46	17.0	17.6	8:46	15.3	24.3	-
8:47	16.3	17.4	8:47	15.3	24.2	-
8:48	16.8	17.4	8:48	14.8	24.1	-
8:49	16.3	17.2	8:49	13.5	23.9	-
8:50	16.3	17.1	8:50	13.8	23.8	-
8:51	16.5	17.0	8:51	13.3	23.6	-
8:52	17.8	17.0	8:52	13.8	23.4	-
8:53	16.8	16.9	8:53	13.0	23.3	-
8:54	18.0	17.0	8:54	13.3	15.5	-
8:55	17.0	17.0	8:55	13.0	15.1	-
8:56	17.3	17.0	8:56	13.5	14.8	-
8:57	17.0	16.9	8:57	12.0	14.4	-
8:58	18.0	17.0	8:58	11.5	14.0	-
8:59	17.3	17.0	8:59	10.8	13.5	-
9:00	16.5	17.0	9:00	10.8	13.2	-
9:01	16.5	16.9	9:01	10.5	12.8	-
9:02	16.5	17.0	9:02	10.3	12.5	-
9:03	16.3	16.9	9:03	13.3	12.4	-
9:04	17.8	17.0	9:04	10.3	12.2	-
9:05	23.5	17.5	9:05	10.3	12.0	-
9:06	17.0	17.5	9:06	9.5	11.7	-
9:07	16.0	17.4	9:07	9.5	11.4	-
9:08	16.3	17.4	9:08	9.3	11.2	-
9:09	16.0	17.3	9:09	8.5	10.9	-
9:10	16.0	17.2	9:10	8.3	10.5	-
9:11	16.5	17.1	9:11	7.8	10.2	-
9:12	16.3	17.1	9:12	7.0	9.8	-
9:13	16.0	17.0	9:13	6.3	9.5	-
9:14	15.8	16.9	9:14	6.3	9.2	-
9:15	16.5	16.9	9:15	7.0	8.9	-
9:16	16.5	16.9	9:16	6.8	8.7	-
9:17	15.0	16.8	9:17	6.3	8.4	-
9:18	15.5	16.7	9:18	6.5	8.0	-
9:19	14.8	16.5	9:19	6.5	7.7	-
9:20	14.3	15.9	9:20	6.8	7.5	-
9:21	14.3	15.7	9:21	11.5	7.6	-
9:22	15.3	15.7	9:22	6.3	7.4	-
9:23	15.3	15.6	9:23	7.5	7.3	-
9:24	14.5	15.5	9:24	6.3	7.1	-
9:25	14.8	15.4	9:25	5.5	6.9	-
9:26	14.0	15.2	9:26	5.8	6.8	-
9:27	15.3	15.2	9:27	4.8	6.7	-
9:28	14.3	15.1	9:28	5.3	6.6	-
9:29	14.5	15.0	9:29	4.8	6.5	-
9:30	15.5	14.9	9:30	5.5	6.4	-

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PARTICULATE DATA						
Upwind			Downwind			Exceeds Particulate Alarm Limit
Time	Concentration (ug/m ³)	15-Min Avg Concentration (ug/m ³)	Time	Concentration (ug/m ³)	15-Min Avg Concentration (ug/m ³)	
9:31	15.5	14.8	9:31	5.0	6.3	-
9:32	14.8	14.8	9:32	5.5	6.2	-
9:33	15.3	14.8	9:33	5.5	6.2	-
9:34	15.0	14.8	9:34	6.0	6.1	-
9:35	14.5	14.8	9:35	6.8	6.1	-
9:36	14.8	14.9	9:36	6.8	5.8	-
9:37	14.8	14.8	9:37	7.3	5.9	-
9:38	15.0	14.8	9:38	7.5	5.9	-
9:39	16.0	14.9	9:39	7.3	5.9	-
9:40	17.5	15.1	9:40	7.5	6.1	-
9:41	18.8	15.4	9:41	7.3	6.2	-
9:42	17.5	15.6	9:42	10.0	6.5	-
9:43	15.3	15.6	9:43	8.3	6.7	-
9:44	15.0	15.7	9:44	7.0	6.9	-
9:45	14.5	15.6	9:45	6.0	6.9	-
9:46	15.0	15.6	9:46	5.3	6.9	-
9:47	13.8	15.5	9:47	5.8	6.9	-
9:48	14.0	15.4	9:48	5.5	6.9	-
9:49	14.0	15.4	9:49	5.0	6.9	-
9:50	14.0	15.3	9:50	6.3	6.8	-
9:51	14.3	15.3	9:51	5.0	6.7	-
9:52	14.0	15.2	9:52	19.8	7.6	-
9:53	13.8	15.2	9:53	6.0	7.5	-
9:54	14.5	15.1	9:54	6.5	7.4	-
9:55	14.0	14.8	9:55	6.0	7.3	-
9:56	14.0	14.5	9:56	6.3	7.2	-
9:57	14.5	14.3	9:57	7.0	7.0	-
9:58	13.5	14.2	9:58	6.8	6.9	-
9:59	14.3	14.1	9:59	7.0	6.9	-
10:00	14.3	14.1	10:00	6.8	7.0	-
10:01	15.5	14.2	10:01	7.0	7.1	-
10:02	13.8	14.2	10:02	6.8	7.2	-
10:03	14.3	14.2	10:03	6.8	7.3	-
10:04	14.0	14.2	10:04	6.5	7.4	-
10:05	13.3	14.1	10:05	6.8	7.4	-
10:06	13.3	14.1	10:06	5.8	7.4	-
10:07	13.8	14.0	10:07	6.3	6.5	-
10:08	14.0	14.1	10:08	5.5	6.5	-
10:09	13.0	14.0	10:09	6.3	6.5	-
10:10	13.3	13.9	10:10	6.0	6.5	-
10:11	14.8	14.0	10:11	6.3	6.5	-
10:12	15.0	14.0	10:12	5.8	6.4	-
10:13	13.8	14.0	10:13	18.5	7.2	-
10:14	13.5	14.0	10:14	6.8	7.2	-
10:15	13.8	13.9	10:15	6.5	7.2	-
10:16	13.6	13.8	10:16	6.8	7.1	-
10:17	15.4	13.9	10:17	6.0	7.1	-

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PARTICULATE DATA						
Upwind			Downwind			Exceeds Particulate Alarm Limit
Time	Concentration (ug/m ³)	15-Min Avg Concentration (ug/m ³)	Time	Concentration (ug/m ³)	15-Min Avg Concentration (ug/m ³)	
10:18	14.2	13.9	10:18	6.0	7.0	-
10:19	12.6	13.8	10:19	5.8	7.0	-
10:20	12.6	13.8	10:20	5.8	6.9	-
10:21	13.2	13.8	10:21	6.3	7.0	-
10:22	13.4	13.7	10:22	6.3	7.0	-
10:23	13.2	13.7	10:23	6.0	7.0	-
10:24	13.2	13.7	10:24	6.5	7.0	-
10:25	13.6	13.7	10:25	7.0	7.1	-
10:26	13.6	13.6	10:26	7.3	7.1	-
10:27	14.4	13.6	10:27	7.0	7.2	-
10:28	14.8	13.7	10:28	7.3	6.5	-
10:29	14.6	13.7	10:29	6.5	6.5	-
10:30	15.0	13.8	10:30	6.5	6.5	-
10:31	14.6	13.9	10:31	7.0	6.5	-
10:32	15.4	13.9	10:32	6.8	6.5	-
10:33	15.4	14.0	10:33	6.8	6.6	-
10:34	15.0	14.1	10:34	6.8	6.6	-
10:35	15.0	14.3	10:35	7.5	6.8	-
10:36	14.0	14.3	10:36	7.5	6.8	-
10:37	14.4	14.4	10:37	7.3	6.9	-
10:38	14.8	14.5	10:38	7.8	7.0	-
10:39	14.8	14.6	10:39	8.3	7.1	-
10:40	15.4	14.7	10:40	8.0	7.2	-
10:41	14.4	14.8	10:41	7.8	7.2	-
10:42	14.6	14.8	10:42	8.0	7.3	-
10:43	14.4	14.8	10:43	8.5	7.4	-
10:44	14.8	14.8	10:44	8.3	7.5	-
10:45	15.2	14.8	10:45	8.8	7.7	-
10:46	14.8	14.8	10:46	8.8	7.8	-
10:47	14.2	14.7	10:47	8.0	7.9	-
10:48	15.6	14.8	10:48	8.3	8.0	-
10:49	15.0	14.8	10:49	8.5	8.1	-
10:50	15.2	14.8	10:50	8.8	8.2	-
10:51	15.6	14.9	10:51	8.3	8.2	-
10:52	15.0	14.9	10:52	8.0	8.3	-
10:53	15.2	14.9	10:53	8.3	8.3	-
10:54	14.8	14.9	10:54	8.0	8.3	-
10:55	14.4	14.9	10:55	8.3	8.3	-
10:56	15.2	14.9	10:56	8.0	8.3	-
10:57	15.0	15.0	10:57	8.3	8.3	-
10:58	15.2	15.0	10:58	8.5	8.3	-
10:59	15.4	15.1	10:59	8.5	8.3	-
11:00	16.4	15.1	11:00	8.8	8.3	-
11:01	15.0	15.1	11:01	8.5	8.3	-
11:02	14.8	15.2	11:02	8.8	8.4	-
11:03	15.0	15.1	11:03	8.8	8.4	-
11:04	15.6	15.2	11:04	8.5	8.4	-

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PARTICULATE DATA						
Upwind			Downwind			Exceeds Particulate Alarm Limit
Time	Concentration (ug/m ³)	15-Min Avg Concentration (ug/m ³)	Time	Concentration (ug/m ³)	15-Min Avg Concentration (ug/m ³)	
11:05	15.2	15.2	11:05	8.8	8.4	-
11:06	15.4	15.2	11:06	8.8	8.4	-
11:07	16.6	15.3	11:07	8.5	8.5	-
11:08	8.6	14.8	11:08	8.8	8.5	-
11:09	7.4	14.3	11:09	8.5	8.5	-
11:10	6.2	13.8	11:10	9.3	8.6	-
11:11	29.6	14.8	11:11	9.3	8.7	-
11:12	8.4	14.3	11:12	8.8	8.7	-
11:13	25.2	15.0	11:13	8.8	8.7	-
11:14	47.2	17.1	11:14	8.3	8.7	-
11:15	16.0	17.1	11:15	8.5	8.7	-
11:16	27.0	17.9	11:16	9.3	8.8	-
11:17	5.8	17.3	11:17	9.0	8.8	-
11:18	5.6	16.7	11:18	8.8	8.8	-
11:19	12.6	16.5	11:19	9.5	8.8	-
11:20	9.4	16.1	11:20	8.8	8.8	-
11:21	17.4	16.2	11:21	9.0	8.9	-
11:22	18.0	16.3	11:22	9.0	8.9	-
11:23	18.0	16.9	11:23	9.0	8.9	-
11:24	18.0	17.6	11:24	9.5	9.0	-
11:25	18.0	18.4	11:25	9.0	9.0	-
11:26	18.0	17.6	11:26	8.8	8.9	-
11:27	18.0	18.3	11:27	9.0	8.9	-
11:28	18.0	17.8	11:28	9.3	9.0	-
11:29	18.0	15.9	11:29	9.0	9.0	-
11:30	18.0	16.0	11:30	9.0	9.1	-
11:31	18.0	15.4	11:31	8.8	9.0	-
11:32	18.0	16.2	11:32	8.5	9.0	-
11:33	18.0	17.0	11:33	9.3	9.0	-
11:34	18.0	17.4	11:34	9.5	9.0	-
11:35	18.0	18.0	11:35	9.0	9.0	-
11:36	18.0	18.0	11:36	8.8	9.0	-
11:37	18.0	18.0	11:37	8.8	9.0	-
11:38	18.0	18.0	11:38	8.8	9.0	-
11:39	18.0	18.0	11:39	8.5	8.9	-
11:40	18.0	18.0	11:40	9.0	8.9	-
11:41	18.0	18.0	11:41	8.0	8.9	-
11:42	18.0	18.0	11:42	8.8	8.9	-
11:43	18.0	18.0	11:43	8.8	8.8	-
11:44	18.0	18.0	11:44	8.5	8.8	-
11:45	18.0	18.0	11:45	8.3	8.7	-
11:46	18.0	18.0	11:46	8.5	8.7	-
11:47	18.0	18.0	11:47	8.5	8.7	-
11:48	18.0	18.0	11:48	8.5	8.7	-
11:49	18.0	18.0	11:49	8.3	8.6	-
11:50	18.0	18.0	11:50	8.3	8.5	-
11:51	18.0	18.0	11:51	8.0	8.5	-

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PARTICULATE DATA						
Upwind			Downwind			Exceeds Particulate Alarm Limit
Time	Concentration (ug/m ³)	15-Min Avg Concentration (ug/m ³)	Time	Concentration (ug/m ³)	15-Min Avg Concentration (ug/m ³)	
11:52	18.0	18.0	11:52	8.0	8.4	-
11:53	18.0	18.0	11:53	8.5	8.4	-
11:54	18.0	18.0	11:54	8.0	8.4	-
11:55	18.0	18.0	11:55	8.5	8.4	-
11:56	18.0	18.0	11:56	8.5	8.4	-
11:57	18.0	18.0	11:57	8.3	8.4	-
11:58	18.0	18.0	11:58	8.8	8.4	-
11:59	18.0	18.0	11:59	8.3	8.3	-
12:00	18.0	18.0	12:00	8.5	8.4	-
12:01	18.0	18.0	12:01	8.3	8.3	-
12:02	18.0	18.0	12:02	8.5	8.3	-

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Tuesday, September 19, 2023						
Number of Instances Where Downwind VOCs Exceeds Upwind VOCs + 5 =						0
Number of Comparable Data Points =						188
Start Time:						8:03
End Time:						12:02
PID DATA						
Upwind			Downwind			Exceeds VOC Alarm Limit
Time	Concentration (ppm)	15-Min Avg Concentration (ppm)	Time	Concentration (ppm)	15-Min Avg Concentration (ppm)	
8:03	0.0	-	8:03	-	-	-
8:04	0.0	-	8:04	-	-	-
8:05	0.0	-	8:05	-	-	-
8:06	0.0	-	8:06	-	-	-
8:07	0.0	-	8:07	-	-	-
8:08	0.0	-	8:08	-	-	-
8:09	0.0	-	8:09	-	-	-
8:10	0.0	-	8:10	-	-	-
8:11	0.0	-	8:11	-	-	-
8:12	0.0	-	8:12	-	-	-
8:13	0.0	-	8:13	-	-	-
8:14	0.0	-	8:14	-	-	-
8:15	0.0	-	8:15	-	-	-
8:16	0.0	-	8:16	-	-	-
8:17	0.0	-	8:17	-	-	-
8:18	0.0	0.0	8:18	-	-	-
8:19	0.0	0.0	8:19	-	-	-
8:20	0.0	0.0	8:20	-	-	-
8:21	0.0	0.0	8:21	-	-	-
8:22	0.0	0.0	8:22	-	-	-
8:23	0.0	0.0	8:23	-	-	-
8:24	0.0	0.0	8:24	-	-	-
8:25	0.0	0.0	8:25	-	-	-
8:26	0.0	0.0	8:26	-	-	-
8:27	0.0	0.0	8:27	-	-	-
8:28	0.0	0.0	8:28	-	-	-
8:29	0.0	0.0	8:29	-	-	-
8:30	0.0	0.0	8:30	-	-	-
8:31	0.0	0.0	8:31	-	-	-
8:32	0.0	0.0	8:32	-	-	-
8:33	0.0	0.0	8:33	-	-	-
8:34	0.0	0.0	8:34	-	-	-
8:35	0.0	0.0	8:35	-	-	-
8:36	0.0	0.0	8:36	-	-	-
8:37	0.0	0.0	8:37	-	-	-
8:38	0.0	0.0	8:38	-	-	-
8:39	0.0	0.0	8:39	-	-	-
8:40	0.0	0.0	8:40	0.0	-	-
8:41	0.0	0.0	8:41	0.0	-	-
8:42	0.0	0.0	8:42	0.0	-	-
8:43	0.0	0.0	8:43	0.0	-	-
8:44	0.0	0.0	8:44	0.0	-	-

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PID DATA						
Upwind			Downwind			Exceeds VOC Alarm Limit
Time	Concentration (ppm)	15-Min Avg Concentration (ppm)	Time	Concentration (ppm)	15-Min Avg Concentration (ppm)	
8:45	0.0	0.0	8:45	0.0	-	-
8:46	0.0	0.0	8:46	0.0	-	-
8:47	0.0	0.0	8:47	0.0	-	-
8:48	0.0	0.0	8:48	0.0	-	-
8:49	0.0	0.0	8:49	0.0	-	-
8:50	0.0	0.0	8:50	0.0	-	-
8:51	0.0	0.0	8:51	0.0	-	-
8:52	0.0	0.0	8:52	0.0	-	-
8:53	0.0	0.0	8:53	0.0	-	-
8:54	0.0	0.0	8:54	0.0	-	-
8:55	0.0	0.0	8:55	0.0	0.0	-
8:56	0.0	0.0	8:56	0.0	0.0	-
8:57	0.0	0.0	8:57	0.0	0.0	-
8:58	0.0	0.0	8:58	0.0	0.0	-
8:59	0.0	0.0	8:59	0.0	0.0	-
9:00	0.0	0.0	9:00	0.0	0.0	-
9:01	0.0	0.0	9:01	0.0	0.0	-
9:02	0.0	0.0	9:02	0.0	0.0	-
9:03	0.0	0.0	9:03	0.0	0.0	-
9:04	0.0	0.0	9:04	0.0	0.0	-
9:05	0.0	0.0	9:05	0.0	0.0	-
9:06	0.0	0.0	9:06	0.0	0.0	-
9:07	0.0	0.0	9:07	0.0	0.0	-
9:08	0.0	0.0	9:08	0.0	0.0	-
9:09	0.0	0.0	9:09	0.0	0.0	-
9:10	0.0	0.0	9:10	0.0	0.0	-
9:11	0.0	0.0	9:11	0.0	0.0	-
9:12	0.0	0.0	9:12	0.0	0.0	-
9:13	0.0	0.0	9:13	0.0	0.0	-
9:14	0.0	0.0	9:14	0.0	0.0	-
9:15	0.0	0.0	9:15	0.0	0.0	-
9:16	0.0	0.0	9:16	0.0	0.0	-
9:17	0.0	0.0	9:17	0.0	0.0	-
9:18	0.0	0.0	9:18	0.0	0.0	-
9:19	0.0	0.0	9:19	0.0	0.0	-
9:20	0.0	0.0	9:20	0.0	0.0	-
9:21	0.0	0.0	9:21	0.0	0.0	-
9:22	0.0	0.0	9:22	0.0	0.0	-
9:23	0.0	0.0	9:23	0.0	0.0	-
9:24	0.0	0.0	9:24	0.0	0.0	-
9:25	0.0	0.0	9:25	0.0	0.0	-
9:26	0.0	0.0	9:26	0.0	0.0	-
9:27	0.0	0.0	9:27	0.0	0.0	-
9:28	0.0	0.0	9:28	0.0	0.0	-
9:29	0.0	0.0	9:29	0.0	0.0	-
9:30	0.0	0.0	9:30	0.0	0.0	-
9:31	0.0	0.0	9:31	0.0	0.0	-
9:32	0.0	0.0	9:32	0.0	0.0	-

CAMP Data
Sun Valley Nursery Filling Station Site
Ossining, New York
BCP No C360207
September 19, 2023

PID DATA						
Upwind			Downwind			Exceeds VOC Alarm Limit
Time	Concentration (ppm)	15-Min Avg Concentration (ppm)	Time	Concentration (ppm)	15-Min Avg Concentration (ppm)	
9:33	0.0	0.0	9:33	0.0	0.0	-
9:34	0.0	0.0	9:34	0.0	0.0	-
9:35	0.0	0.0	9:35	0.0	0.0	-
9:36	0.0	0.0	9:36	0.0	0.0	-
9:37	0.0	0.0	9:37	0.0	0.0	-
9:38	0.0	0.0	9:38	0.0	0.0	-
9:39	0.0	0.0	9:39	0.0	0.0	-
9:40	0.0	0.0	9:40	0.0	0.0	-
9:41	0.0	0.0	9:41	0.0	0.0	-
9:42	0.0	0.0	9:42	0.0	0.0	-
9:43	0.0	0.0	9:43	0.0	0.0	-
9:44	0.0	0.0	9:44	0.0	0.0	-
9:45	0.0	0.0	9:45	0.0	0.0	-
9:46	0.0	0.0	9:46	0.0	0.0	-
9:47	0.0	0.0	9:47	0.0	0.0	-
9:48	0.0	0.0	9:48	0.0	0.0	-
9:49	0.0	0.0	9:49	0.0	0.0	-
9:50	0.0	0.0	9:50	0.0	0.0	-
9:51	0.0	0.0	9:51	0.0	0.0	-
9:52	0.0	0.0	9:52	0.0	0.0	-
9:53	0.0	0.0	9:53	0.0	0.0	-
9:54	0.0	0.0	9:54	0.0	0.0	-
9:55	0.0	0.0	9:55	0.0	0.0	-
9:56	0.0	0.0	9:56	0.0	0.0	-
9:57	0.0	0.0	9:57	0.0	0.0	-
9:58	0.0	0.0	9:58	0.0	0.0	-
9:59	0.0	0.0	9:59	0.0	0.0	-
10:00	0.0	0.0	10:00	0.0	0.0	-
10:01	0.0	0.0	10:01	0.0	0.0	-
10:02	0.0	0.0	10:02	0.0	0.0	-
10:03	0.0	0.0	10:03	0.0	0.0	-
10:04	0.0	0.0	10:04	0.0	0.0	-
10:05	0.0	0.0	10:05	0.0	0.0	-
10:06	0.0	0.0	10:06	0.0	0.0	-
10:07	0.0	0.0	10:07	0.0	0.0	-
10:08	0.0	0.0	10:08	0.0	0.0	-
10:09	0.0	0.0	10:09	0.0	0.0	-
10:10	0.0	0.0	10:10	0.0	0.0	-
10:11	0.0	0.0	10:11	0.0	0.0	-
10:12	0.0	0.0	10:12	0.0	0.0	-
10:13	0.0	0.0	10:13	0.0	0.0	-
10:14	0.0	0.0	10:14	0.0	0.0	-
10:15	0.0	0.0	10:15	0.0	0.0	-
10:16	0.0	0.0	10:16	0.0	0.0	-
10:17	0.0	0.0	10:17	0.0	0.0	-
10:18	0.0	0.0	10:18	0.0	0.0	-
10:19	0.0	0.0	10:19	0.0	0.0	-
10:20	0.0	0.0	10:20	0.0	0.0	-

CAMP Data
Sun Valley Nursery Filling Station Site
Ossining, New York
BCP No C360207
September 19, 2023

PID DATA						
Upwind			Downwind			Exceeds VOC Alarm Limit
Time	Concentration (ppm)	15-Min Avg Concentration (ppm)	Time	Concentration (ppm)	15-Min Avg Concentration (ppm)	
10:21	0.0	0.0	10:21	0.0	0.0	-
10:22	0.0	0.0	10:22	0.0	0.0	-
10:23	0.0	0.0	10:23	0.0	0.0	-
10:24	0.0	0.0	10:24	0.0	0.0	-
10:25	0.0	0.0	10:25	0.0	0.0	-
10:26	0.0	0.0	10:26	0.0	0.0	-
10:27	0.0	0.0	10:27	0.0	0.0	-
10:28	0.0	0.0	10:28	0.0	0.0	-
10:29	0.0	0.0	10:29	0.0	0.0	-
10:30	0.0	0.0	10:30	0.0	0.0	-
10:31	0.0	0.0	10:31	0.0	0.0	-
10:32	0.0	0.0	10:32	0.0	0.0	-
10:33	0.0	0.0	10:33	0.0	0.0	-
10:34	0.0	0.0	10:34	0.0	0.0	-
10:35	0.0	0.0	10:35	0.0	0.0	-
10:36	0.0	0.0	10:36	0.0	0.0	-
10:37	0.0	0.0	10:37	0.0	0.0	-
10:38	0.0	0.0	10:38	0.0	0.0	-
10:39	0.0	0.0	10:39	0.0	0.0	-
10:40	0.0	0.0	10:40	0.0	0.0	-
10:41	0.0	0.0	10:41	0.0	0.0	-
10:42	0.0	0.0	10:42	0.0	0.0	-
10:43	0.0	0.0	10:43	0.0	0.0	-
10:44	0.0	0.0	10:44	0.0	0.0	-
10:45	0.0	0.0	10:45	0.0	0.0	-
10:46	0.0	0.0	10:46	0.0	0.0	-
10:47	0.0	0.0	10:47	0.0	0.0	-
10:48	0.0	0.0	10:48	0.0	0.0	-
10:49	0.0	0.0	10:49	0.0	0.0	-
10:50	0.0	0.0	10:50	0.0	0.0	-
10:51	0.0	0.0	10:51	0.0	0.0	-
10:52	0.0	0.0	10:52	0.0	0.0	-
10:53	0.0	0.0	10:53	0.0	0.0	-
10:54	0.0	0.0	10:54	0.0	0.0	-
10:55	0.0	0.0	10:55	0.0	0.0	-
10:56	0.0	0.0	10:56	0.0	0.0	-
10:57	0.0	0.0	10:57	0.0	0.0	-
10:58	0.0	0.0	10:58	0.0	0.0	-
10:59	0.0	0.0	10:59	0.0	0.0	-
11:00	0.0	0.0	11:00	0.0	0.0	-
11:01	0.0	0.0	11:01	0.0	0.0	-
11:02	0.0	0.0	11:02	0.0	0.0	-
11:03	0.0	0.0	11:03	0.0	0.0	-
11:04	0.0	0.0	11:04	0.0	0.0	-
11:05	0.0	0.0	11:05	0.0	0.0	-
11:06	0.0	0.0	11:06	0.0	0.0	-
11:07	0.0	0.0	11:07	0.0	0.0	-
11:08	0.0	0.0	11:08	0.0	0.0	-

CAMP Data
Sun Valley Nursery Filling Station Site
Ossining, New York
BCP No C360207
September 19, 2023

PID DATA						
Upwind			Downwind			Exceeds VOC Alarm Limit
Time	Concentration (ppm)	15-Min Avg Concentration (ppm)	Time	Concentration (ppm)	15-Min Avg Concentration (ppm)	
11:09	0.0	0.0	11:09	0.0	0.0	-
11:10	0.0	0.0	11:10	0.0	0.0	-
11:11	0.0	0.0	11:11	0.0	0.0	-
11:12	0.0	0.0	11:12	0.0	0.0	-
11:13	0.0	0.0	11:13	0.0	0.0	-
11:14	0.0	0.0	11:14	0.0	0.0	-
11:15	0.0	0.0	11:15	0.0	0.0	-
11:16	0.0	0.0	11:16	0.0	0.0	-
11:17	0.0	0.0	11:17	0.0	0.0	-
11:18	0.0	0.0	11:18	0.0	0.0	-
11:19	0.0	0.0	11:19	0.0	0.0	-
11:20	0.0	0.0	11:20	0.0	0.0	-
11:21	0.0	0.0	11:21	0.0	0.0	-
11:22	0.0	0.0	11:22	0.0	0.0	-
11:23	0.0	0.0	11:23	0.0	0.0	-
11:24	0.0	0.0	11:24	0.0	0.0	-
11:25	0.0	0.0	11:25	0.0	0.0	-
11:26	0.0	0.0	11:26	0.0	0.0	-
11:27	0.0	0.0	11:27	0.0	0.0	-
11:28	0.0	0.0	11:28	0.0	0.0	-
11:29	0.0	0.0	11:29	0.0	0.0	-
11:30	0.0	0.0	11:30	0.0	0.0	-
11:31	0.0	0.0	11:31	0.0	0.0	-
11:32	0.0	0.0	11:32	0.0	0.0	-
11:33	0.0	0.0	11:33	0.0	0.0	-
11:34	0.0	0.0	11:34	0.0	0.0	-
11:35	0.0	0.0	11:35	0.0	0.0	-
11:36	0.0	0.0	11:36	0.0	0.0	-
11:37	0.0	0.0	11:37	0.0	0.0	-
11:38	0.0	0.0	11:38	0.0	0.0	-
11:39	0.0	0.0	11:39	0.0	0.0	-
11:40	0.0	0.0	11:40	0.0	0.0	-
11:41	0.0	0.0	11:41	0.0	0.0	-
11:42	0.0	0.0	11:42	0.0	0.0	-
11:43	0.0	0.0	11:43	0.0	0.0	-
11:44	0.0	0.0	11:44	0.0	0.0	-
11:45	0.0	0.0	11:45	0.0	0.0	-
11:46	0.0	0.0	11:46	0.0	0.0	-
11:47	0.0	0.0	11:47	0.0	0.0	-
11:48	0.0	0.0	11:48	0.0	0.0	-
11:49	0.0	0.0	11:49	0.0	0.0	-
11:50	0.0	0.0	11:50	0.0	0.0	-
11:51	0.0	0.0	11:51	0.0	0.0	-
11:52	0.0	0.0	11:52	0.0	0.0	-
11:53	0.0	0.0	11:53	0.0	0.0	-
11:54	0.0	0.0	11:54	0.0	0.0	-
11:55	0.0	0.0	11:55	0.0	0.0	-
11:56	0.0	0.0	11:56	0.0	0.0	-

CAMP Data
Sun Valley Nursery Filling Station Site
Ossining, New York
BCP No C360207
September 19, 2023

PID DATA						
Upwind			Downwind			Exceeds VOC Alarm Limit
Time	Concentration (ppm)	15-Min Avg Concentration (ppm)	Time	Concentration (ppm)	15-Min Avg Concentration (ppm)	
11:57	0.0	0.0	11:57	0.0	0.0	-
11:58	0.0	0.0	11:58	0.0	0.0	-
11:59	0.0	0.0	11:59	0.0	0.0	-
12:00	0.0	0.0	12:00	0.0	0.0	-
12:01	0.0	0.0	12:01	0.0	0.0	-
12:02	0.0	0.0	12:02	0.0	0.0	-



959 US-46 Floor 3, Suite 300 - Parsippany-Troy Hills, NJ

DAILY AIR MONITORING REPORT

136-140 Croton Avenue

Ossining, New York

09/20/2023

Rev. No. 0

Page 1 of 2

Project Number: 12060

Dust Action Level

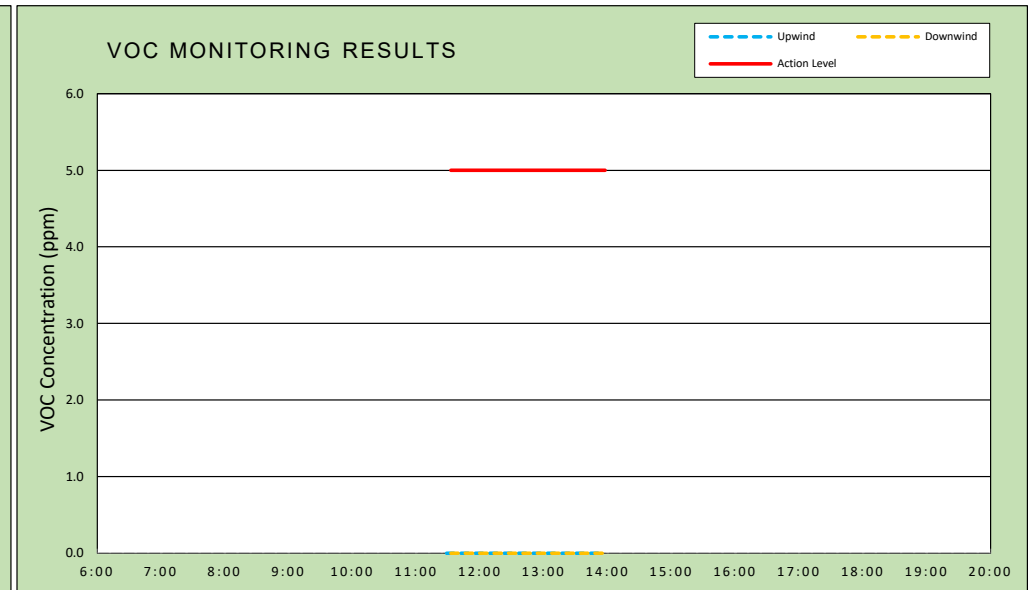
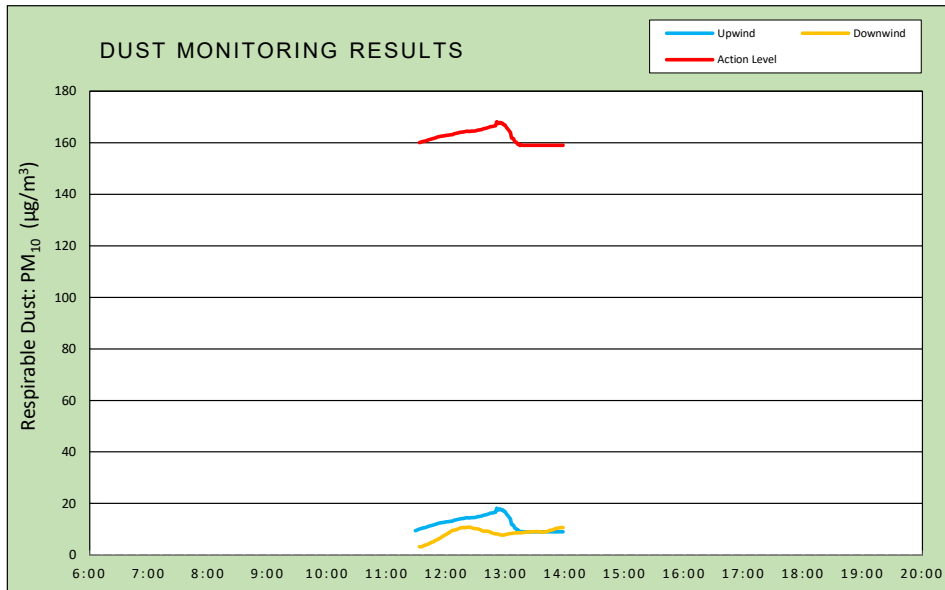
150 $\mu\text{g}/\text{m}^3$

VOC Action Level

5 ppm

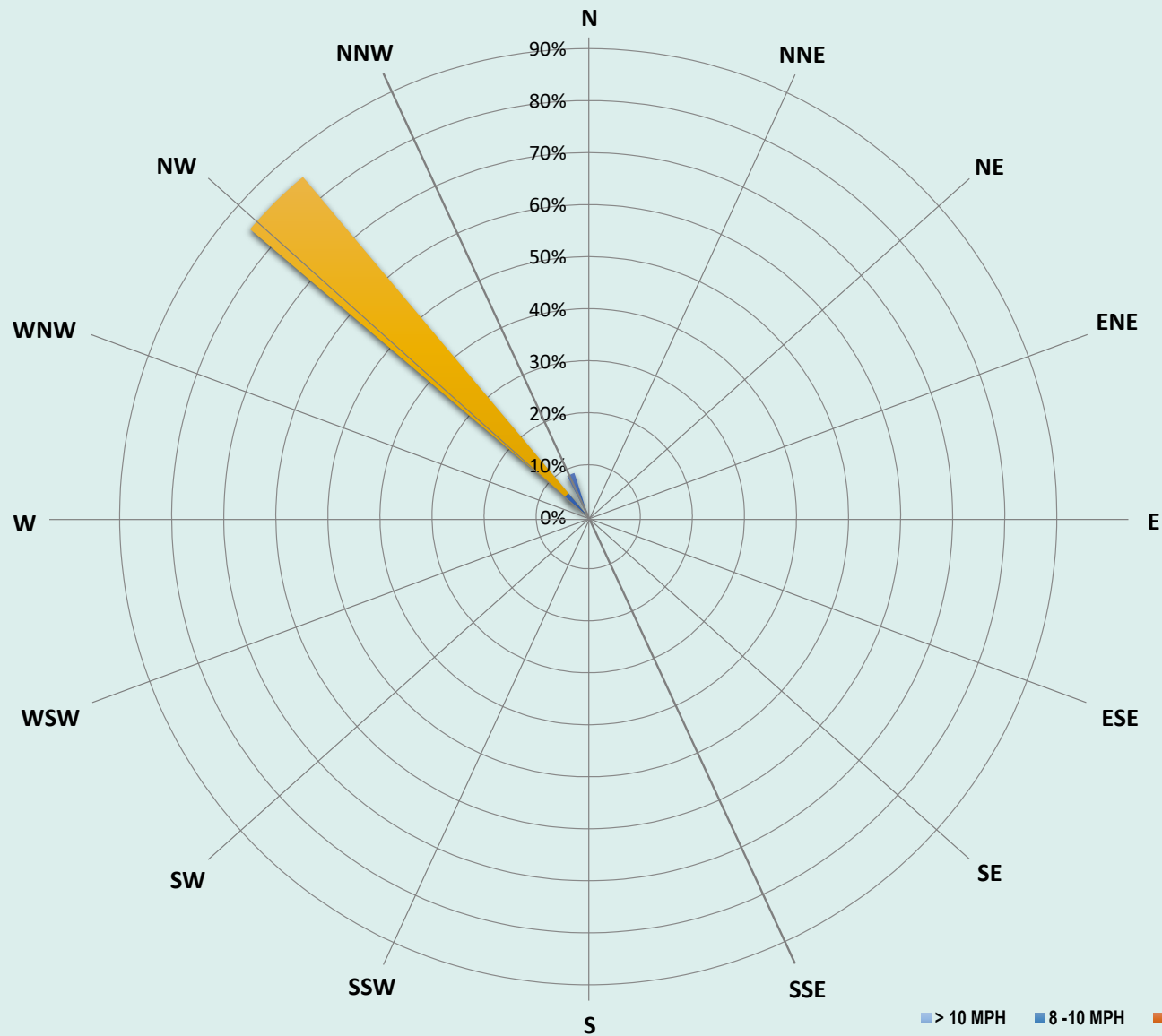
Weather Data Range for Work Day		Wind Direction	NW	Relative Humidity (%)	53.0 - 65.0	Daily Rain Total (in)	0.00	Readings in the summary table and graphs below are the reported downwind concentrations.
Temperature (°F)	64.0 - 72.0	Wind Speed (MPH)	1.8 - 3.3	Barometer (inHg)	30.10 - 30.20	Avg. Dew Point Temp (°F)	52.3	

Station Location	Daily Avg. Dust Concentration ($\mu\text{g}/\text{m}^3$)	Max 15-Min Dust Concentration ($\mu\text{g}/\text{m}^3$)	Time of Max Dust Reading	Daily Avg. VOC Concentration (ppm)	Max 15-Min VOC Concentration (ppm)	Time of Max VOC Reading
Upwind	11.9	18.1	12:51	0.0	0.0	11:29
Downwind	8.3	10.8	12:23	0.0	0.0	11:33



Air Monitoring Notes:

Weather Notes:



SESI - Croton Ave
Air Monitoring
09/20/23
Wind Speed & Direction
Daily Readings

CAMP Data
Sun Valley Nursery Filling Station Site
Ossining, New York
BCP No C360207
September 20, 2023

Wednesday, September 20, 2023						
Number of Instances Where Downwind Particulates Exceeds Upwind Particulate + 150 =						0
Number of Comparable Data Points =						146
Start Time:						11:14
End Time:						13:58
PARTICULATE DATA						
Upwind			Downwind			Exceeds Particulate Alarm Limit
Time	Concentration (ug/m ³)	15-Min Avg Concentration (ug/m ³)	Time	Concentration (ug/m ³)	15-Min Avg Concentration (ug/m ³)	
11:14	9.0	-	11:14	-	-	-
11:15	9.0	-	11:15	-	-	-
11:16	8.3	-	11:16	-	-	-
11:17	8.8	-	11:17	-	-	-
11:18	9.3	-	11:18	4.3	-	-
11:19	9.3	-	11:19	4.3	-	-
11:20	8.8	-	11:20	3.3	-	-
11:21	9.3	-	11:21	2.3	-	-
11:22	9.3	-	11:22	2.0	-	-
11:23	10.3	-	11:23	2.5	-	-
11:24	10.5	-	11:24	4.0	-	-
11:25	9.3	-	11:25	3.8	-	-
11:26	10.0	-	11:26	3.3	-	-
11:27	9.8	-	11:27	2.8	-	-
11:28	10.3	-	11:28	2.3	-	-
11:29	10.0	9.5	11:29	2.8	-	-
11:30	10.5	9.6	11:30	3.5	-	-
11:31	11.0	9.7	11:31	3.8	-	-
11:32	11.8	9.9	11:32	5.0	-	-
11:33	11.0	10.1	11:33	3.5	3.3	-
11:34	10.8	10.2	11:34	3.0	3.2	-
11:35	11.3	10.3	11:35	3.8	3.2	-
11:36	10.5	10.4	11:36	4.0	3.3	-
11:37	11.3	10.5	11:37	4.8	3.5	-
11:38	10.8	10.6	11:38	6.5	3.8	-
11:39	11.8	10.7	11:39	5.0	3.8	-
11:40	11.3	10.8	11:40	5.3	3.9	-
11:41	12.5	11.0	11:41	5.0	4.1	-
11:42	11.8	11.1	11:42	5.5	4.2	-
11:43	12.3	11.2	11:43	5.3	4.4	-
11:44	11.8	11.3	11:44	6.0	4.7	-
11:45	11.5	11.4	11:45	5.8	4.8	-
11:46	13.0	11.5	11:46	7.0	5.0	-
11:47	13.3	11.6	11:47	6.3	5.1	-
11:48	12.5	11.7	11:48	7.0	5.3	-
11:49	12.8	11.9	11:49	6.3	5.6	-
11:50	12.8	12.0	11:50	7.0	5.8	-
11:51	13.8	12.2	11:51	7.0	6.0	-
11:52	12.5	12.3	11:52	8.0	6.2	-
11:53	12.5	12.4	11:53	8.3	6.3	-
11:54	12.8	12.5	11:54	9.0	6.6	-

CAMP Data
Sun Valley Nursery Filling Station Site
Ossining, New York
BCP No C360207
September 20, 2023

PARTICULATE DATA						
Upwind			Downwind			Exceeds Particulate Alarm Limit
Time	Concentration (ug/m ³)	15-Min Avg Concentration (ug/m ³)	Time	Concentration (ug/m ³)	15-Min Avg Concentration (ug/m ³)	
11:55	12.5	12.5	11:55	9.3	6.8	-
11:56	13.0	12.6	11:56	8.8	7.1	-
11:57	12.8	12.6	11:57	9.0	7.3	-
11:58	13.3	12.7	11:58	9.0	7.6	-
11:59	12.3	12.7	11:59	9.0	7.8	-
12:00	13.8	12.9	12:00	8.8	8.0	-
12:01	13.0	12.9	12:01	10.3	8.2	-
12:02	13.8	12.9	12:02	10.3	8.5	-
12:03	13.5	13.0	12:03	10.3	8.7	-
12:04	13.8	13.1	12:04	10.5	9.0	-
12:05	13.8	13.1	12:05	10.8	9.2	-
12:06	13.8	13.1	12:06	10.3	9.4	-
12:07	14.3	13.2	12:07	9.8	9.5	-
12:08	16.3	13.5	12:08	10.0	9.7	-
12:09	13.8	13.6	12:09	10.0	9.7	-
12:10	13.8	13.6	12:10	10.5	9.8	-
12:11	14.5	13.7	12:11	11.0	10.0	-
12:12	14.0	13.8	12:12	11.5	10.1	-
12:13	14.5	13.9	12:13	11.3	10.3	-
12:14	14.5	14.1	12:14	11.3	10.4	-
12:15	13.8	14.1	12:15	11.3	10.6	-
12:16	14.3	14.1	12:16	10.5	10.6	-
12:17	14.0	14.2	12:17	10.5	10.6	-
12:18	14.8	14.2	12:18	10.3	10.6	-
12:19	14.8	14.3	12:19	10.5	10.6	-
12:20	15.3	14.4	12:20	11.0	10.6	-
12:21	14.8	14.5	12:21	11.3	10.7	-
12:22	14.3	14.5	12:22	10.8	10.8	-
12:23	14.5	14.4	12:23	10.5	10.8	-
12:24	14.8	14.4	12:24	9.8	10.8	-
12:25	14.8	14.5	12:25	9.3	10.7	-
12:26	14.8	14.5	12:26	8.8	10.6	-
12:27	14.3	14.5	12:27	9.8	10.4	-
12:28	14.8	14.5	12:28	10.0	10.4	-
12:29	14.8	14.6	12:29	10.0	10.3	-
12:30	15.0	14.6	12:30	10.3	10.2	-
12:31	16.0	14.8	12:31	10.3	10.2	-
12:32	16.3	14.9	12:32	9.0	10.1	-
12:33	15.0	14.9	12:33	9.3	10.0	-
12:34	16.0	15.0	12:34	8.3	9.9	-
12:35	16.0	15.1	12:35	8.5	9.7	-
12:36	16.0	15.1	12:36	7.8	9.5	-
12:37	17.3	15.3	12:37	8.8	9.3	-
12:38	15.8	15.4	12:38	8.3	9.2	-
12:39	16.3	15.5	12:39	11.3	9.3	-
12:40	16.3	15.6	12:40	9.3	9.3	-
12:41	15.8	15.7	12:41	9.3	9.3	-

CAMP Data
Sun Valley Nursery Filling Station Site
Ossining, New York
BCP No C360207
September 20, 2023

PARTICULATE DATA						
Upwind			Downwind			Exceeds Particulate Alarm Limit
Time	Concentration (ug/m ³)	15-Min Avg Concentration (ug/m ³)	Time	Concentration (ug/m ³)	15-Min Avg Concentration (ug/m ³)	
12:42	16.8	15.9	12:42	8.3	9.2	-
12:43	16.0	15.9	12:43	8.5	9.1	-
12:44	18.0	16.2	12:44	8.0	9.0	-
12:45	16.5	16.3	12:45	7.5	8.8	-
12:46	16.5	16.3	12:46	7.0	8.6	-
12:47	16.8	16.3	12:47	7.5	8.5	-
12:48	17.0	16.5	12:48	7.3	8.4	-
12:49	17.3	16.5	12:49	7.0	8.3	-
12:50	17.5	16.6	12:50	7.5	8.2	-
12:51	38.3	18.1	12:51	7.3	8.2	-
12:52	12.0	17.8	12:52	8.0	8.1	-
12:53	10.8	17.4	12:53	7.8	8.1	-
12:54	22.8	17.9	12:54	8.0	7.9	-
12:55	14.5	17.8	12:55	8.3	7.8	-
12:56	11.0	17.4	12:56	8.3	7.7	-
12:57	18.8	17.6	12:57	8.5	7.8	-
12:58	7.3	17.0	12:58	8.3	7.7	-
12:59	18.3	17.0	12:59	9.0	7.8	-
13:00	9.0	16.5	13:00	9.8	8.0	-
13:01	7.0	15.9	13:01	8.5	8.1	-
13:02	10.3	15.4	13:02	8.3	8.1	-
13:03	9.8	15.0	13:03	8.5	8.2	-
13:04	9.0	14.4	13:04	8.3	8.3	-
13:05	9.0	13.8	13:05	8.0	8.3	-
13:06	9.0	11.9	13:06	8.3	8.4	-
13:07	9.0	11.7	13:07	8.5	8.4	-
13:08	9.0	11.6	13:08	9.0	8.5	-
13:09	9.0	10.7	13:09	8.5	8.5	-
13:10	9.0	10.3	13:10	9.0	8.6	-
13:11	9.0	10.2	13:11	8.5	8.6	-
13:12	9.0	9.5	13:12	8.5	8.6	-
13:13	9.0	9.6	13:13	8.8	8.6	-
13:14	9.0	9.0	13:14	9.3	8.6	-
13:15	9.0	9.0	13:15	9.0	8.6	-
13:16	9.0	9.1	13:16	9.3	8.6	-
13:17	9.0	9.1	13:17	9.0	8.7	-
13:18	9.0	9.0	13:18	8.8	8.7	-
13:19	9.0	9.0	13:19	9.0	8.8	-
13:20	9.0	9.0	13:20	9.3	8.8	-
13:21	9.0	9.0	13:21	9.5	8.9	-
13:22	9.0	9.0	13:22	9.3	9.0	-
13:23	9.0	9.0	13:23	9.0	9.0	-
13:24	9.0	9.0	13:24	8.8	9.0	-
13:25	9.0	9.0	13:25	8.8	9.0	-
13:26	9.0	9.0	13:26	8.8	9.0	-
13:27	9.0	9.0	13:27	9.0	9.0	-
13:28	9.0	9.0	13:28	9.3	9.1	-

CAMP Data
Sun Valley Nursery Filling Station Site
Ossining, New York
BCP No C360207
September 20, 2023

PARTICULATE DATA						
Upwind			Downwind			Exceeds Particulate Alarm Limit
Time	Concentration (ug/m ³)	15-Min Avg Concentration (ug/m ³)	Time	Concentration (ug/m ³)	15-Min Avg Concentration (ug/m ³)	
13:29	9.0	9.0	13:29	9.0	9.0	-
13:30	9.0	9.0	13:30	9.5	9.1	-
13:31	9.0	9.0	13:31	9.5	9.1	-
13:32	9.0	9.0	13:32	9.0	9.1	-
13:33	9.0	9.0	13:33	9.0	9.1	-
13:34	9.0	9.0	13:34	8.3	9.1	-
13:35	9.0	9.0	13:35	8.3	9.0	-
13:36	9.0	9.0	13:36	8.5	8.9	-
13:37	9.0	9.0	13:37	9.0	8.9	-
13:38	9.0	9.0	13:38	9.0	8.9	-
13:39	9.0	9.0	13:39	9.5	9.0	-
13:40	9.0	9.0	13:40	9.5	9.0	-
13:41	9.0	9.0	13:41	9.3	9.0	-
13:42	9.0	9.0	13:42	10.3	9.1	-
13:43	9.0	9.0	13:43	11.3	9.3	-
13:44	9.0	9.0	13:44	12.8	9.5	-
13:45	9.0	9.0	13:45	10.5	9.6	-
13:46	9.0	9.0	13:46	10.3	9.6	-
13:47	9.0	9.0	13:47	10.5	9.7	-
13:48	9.0	9.0	13:48	10.8	9.8	-
13:49	9.0	9.0	13:49	11.0	10.0	-
13:50	9.0	9.0	13:50	10.8	10.2	-
13:51	9.0	9.0	13:51	10.3	10.3	-
13:52	9.0	9.0	13:52	10.5	10.4	-
13:53	9.0	9.0	13:53	10.0	10.5	-
13:54	9.0	9.0	13:54	10.3	10.5	-
13:55	9.0	9.0	13:55	10.3	10.6	-
13:56	9.0	9.0	13:56	10.5	10.7	-
13:57	9.0	9.0	13:57	10.5	10.7	-
13:58	9.0	9.0	13:58	10.5	10.6	-

CAMP Data
Sun Valley Nursery Filling Station Site
Ossining, New York
BCP No C360207
September 20, 2023

Wednesday, September 20, 2023						
Number of Instances Where Downwind VOCs Exceeds Upwind VOCs + 5 =						0
Number of Comparable Data Points =						146
Start Time:						11:14
End Time:						13:58
PID DATA						
Upwind			Downwind			Exceeds VOC Alarm Limit
Time	Concentration (ppm)	15-Min Avg Concentration (ppm)	Time	Concentration (ppm)	15-Min Avg Concentration (ppm)	
11:14	0.0	-	11:14	-	-	-
11:15	0.0	-	11:15	-	-	-
11:16	0.0	-	11:16	-	-	-
11:17	0.0	-	11:17	-	-	-
11:18	0.0	-	11:18	0.0	-	-
11:19	0.0	-	11:19	0.0	-	-
11:20	0.0	-	11:20	0.0	-	-
11:21	0.0	-	11:21	0.0	-	-
11:22	0.0	-	11:22	0.0	-	-
11:23	0.0	-	11:23	0.0	-	-
11:24	0.0	-	11:24	0.0	-	-
11:25	0.0	-	11:25	0.0	-	-
11:26	0.0	-	11:26	0.0	-	-
11:27	0.0	-	11:27	0.0	-	-
11:28	0.0	-	11:28	0.0	-	-
11:29	0.0	0.0	11:29	0.0	-	-
11:30	0.0	0.0	11:30	0.0	-	-
11:31	0.0	0.0	11:31	0.0	-	-
11:32	0.0	0.0	11:32	0.0	-	-
11:33	0.0	0.0	11:33	0.0	0.0	-
11:34	0.0	0.0	11:34	0.0	0.0	-
11:35	0.0	0.0	11:35	0.0	0.0	-
11:36	0.0	0.0	11:36	0.0	0.0	-
11:37	0.0	0.0	11:37	0.0	0.0	-
11:38	0.0	0.0	11:38	0.0	0.0	-
11:39	0.0	0.0	11:39	0.0	0.0	-
11:40	0.0	0.0	11:40	0.0	0.0	-
11:41	0.0	0.0	11:41	0.0	0.0	-
11:42	0.0	0.0	11:42	0.0	0.0	-
11:43	0.0	0.0	11:43	0.0	0.0	-
11:44	0.0	0.0	11:44	0.0	0.0	-
11:45	0.0	0.0	11:45	0.0	0.0	-
11:46	0.0	0.0	11:46	0.0	0.0	-
11:47	0.0	0.0	11:47	0.0	0.0	-
11:48	0.0	0.0	11:48	0.0	0.0	-
11:49	0.0	0.0	11:49	0.0	0.0	-
11:50	0.0	0.0	11:50	0.0	0.0	-
11:51	0.0	0.0	11:51	0.0	0.0	-
11:52	0.0	0.0	11:52	0.0	0.0	-
11:53	0.0	0.0	11:53	0.0	0.0	-
11:54	0.0	0.0	11:54	0.0	0.0	-
11:55	0.0	0.0	11:55	0.0	0.0	-

CAMP Data
Sun Valley Nursery Filling Station Site
Ossining, New York
BCP No C360207
September 20, 2023

PID DATA						
Upwind			Downwind			Exceeds VOC Alarm Limit
Time	Concentration (ppm)	15-Min Avg Concentration (ppm)	Time	Concentration (ppm)	15-Min Avg Concentration (ppm)	
11:56	0.0	0.0	11:56	0.0	0.0	-
11:57	0.0	0.0	11:57	0.0	0.0	-
11:58	0.0	0.0	11:58	0.0	0.0	-
11:59	0.0	0.0	11:59	0.0	0.0	-
12:00	0.0	0.0	12:00	0.0	0.0	-
12:01	0.0	0.0	12:01	0.0	0.0	-
12:02	0.0	0.0	12:02	0.0	0.0	-
12:03	0.0	0.0	12:03	0.0	0.0	-
12:04	0.0	0.0	12:04	0.0	0.0	-
12:05	0.0	0.0	12:05	0.0	0.0	-
12:06	0.0	0.0	12:06	0.0	0.0	-
12:07	0.0	0.0	12:07	0.0	0.0	-
12:08	0.0	0.0	12:08	0.0	0.0	-
12:09	0.0	0.0	12:09	0.0	0.0	-
12:10	0.0	0.0	12:10	0.0	0.0	-
12:11	0.0	0.0	12:11	0.0	0.0	-
12:12	0.0	0.0	12:12	0.0	0.0	-
12:13	0.0	0.0	12:13	0.0	0.0	-
12:14	0.0	0.0	12:14	0.0	0.0	-
12:15	0.0	0.0	12:15	0.0	0.0	-
12:16	0.0	0.0	12:16	0.0	0.0	-
12:17	0.0	0.0	12:17	0.0	0.0	-
12:18	0.0	0.0	12:18	0.0	0.0	-
12:19	0.0	0.0	12:19	0.0	0.0	-
12:20	0.0	0.0	12:20	0.0	0.0	-
12:21	0.0	0.0	12:21	0.0	0.0	-
12:22	0.0	0.0	12:22	0.0	0.0	-
12:23	0.0	0.0	12:23	0.0	0.0	-
12:24	0.0	0.0	12:24	0.0	0.0	-
12:25	0.0	0.0	12:25	0.0	0.0	-
12:26	0.0	0.0	12:26	0.0	0.0	-
12:27	0.0	0.0	12:27	0.0	0.0	-
12:28	0.0	0.0	12:28	0.0	0.0	-
12:29	0.0	0.0	12:29	0.0	0.0	-
12:30	0.0	0.0	12:30	0.0	0.0	-
12:31	0.0	0.0	12:31	0.0	0.0	-
12:32	0.0	0.0	12:32	0.0	0.0	-
12:33	0.0	0.0	12:33	0.0	0.0	-
12:34	0.0	0.0	12:34	0.0	0.0	-
12:35	0.0	0.0	12:35	0.0	0.0	-
12:36	0.0	0.0	12:36	0.0	0.0	-
12:37	0.0	0.0	12:37	0.0	0.0	-
12:38	0.0	0.0	12:38	0.0	0.0	-
12:39	0.0	0.0	12:39	0.0	0.0	-
12:40	0.0	0.0	12:40	0.0	0.0	-
12:41	0.0	0.0	12:41	0.0	0.0	-
12:42	0.0	0.0	12:42	0.0	0.0	-

CAMP Data
Sun Valley Nursery Filling Station Site
Ossining, New York
BCP No C360207
September 20, 2023

PID DATA						
Upwind			Downwind			Exceeds VOC Alarm Limit
Time	Concentration (ppm)	15-Min Avg Concentration (ppm)	Time	Concentration (ppm)	15-Min Avg Concentration (ppm)	
12:43	0.0	0.0	12:43	0.0	0.0	-
12:44	0.0	0.0	12:44	0.0	0.0	-
12:45	0.0	0.0	12:45	0.0	0.0	-
12:46	0.0	0.0	12:46	0.0	0.0	-
12:47	0.0	0.0	12:47	0.0	0.0	-
12:48	0.0	0.0	12:48	0.0	0.0	-
12:49	0.0	0.0	12:49	0.0	0.0	-
12:50	0.0	0.0	12:50	0.0	0.0	-
12:51	0.0	0.0	12:51	0.0	0.0	-
12:52	0.0	0.0	12:52	0.0	0.0	-
12:53	0.0	0.0	12:53	0.0	0.0	-
12:54	0.0	0.0	12:54	0.0	0.0	-
12:55	0.0	0.0	12:55	0.0	0.0	-
12:56	0.0	0.0	12:56	0.0	0.0	-
12:57	0.0	0.0	12:57	0.0	0.0	-
12:58	0.0	0.0	12:58	0.0	0.0	-
12:59	0.0	0.0	12:59	0.0	0.0	-
13:00	0.0	0.0	13:00	0.0	0.0	-
13:01	0.0	0.0	13:01	0.0	0.0	-
13:02	0.0	0.0	13:02	0.0	0.0	-
13:03	0.0	0.0	13:03	0.0	0.0	-
13:04	0.0	0.0	13:04	0.0	0.0	-
13:05	0.0	0.0	13:05	0.0	0.0	-
13:06	0.0	0.0	13:06	0.0	0.0	-
13:07	0.0	0.0	13:07	0.0	0.0	-
13:08	0.0	0.0	13:08	0.0	0.0	-
13:09	0.0	0.0	13:09	0.0	0.0	-
13:10	0.0	0.0	13:10	0.0	0.0	-
13:11	0.0	0.0	13:11	0.0	0.0	-
13:12	0.0	0.0	13:12	0.0	0.0	-
13:13	0.0	0.0	13:13	0.0	0.0	-
13:14	0.0	0.0	13:14	0.0	0.0	-
13:15	0.0	0.0	13:15	0.0	0.0	-
13:16	0.0	0.0	13:16	0.0	0.0	-
13:17	0.0	0.0	13:17	0.0	0.0	-
13:18	0.0	0.0	13:18	0.0	0.0	-
13:19	0.0	0.0	13:19	0.0	0.0	-
13:20	0.0	0.0	13:20	0.0	0.0	-
13:21	0.0	0.0	13:21	0.0	0.0	-
13:22	0.0	0.0	13:22	0.0	0.0	-
13:23	0.0	0.0	13:23	0.0	0.0	-
13:24	0.0	0.0	13:24	0.0	0.0	-
13:25	0.0	0.0	13:25	0.0	0.0	-
13:26	0.0	0.0	13:26	0.0	0.0	-
13:27	0.0	0.0	13:27	0.0	0.0	-
13:28	0.0	0.0	13:28	0.0	0.0	-
13:29	0.0	0.0	13:29	0.0	0.0	-

CAMP Data
Sun Valley Nursery Filling Station Site
Ossining, New York
BCP No C360207
September 20, 2023

PID DATA						
Upwind			Downwind			Exceeds VOC Alarm Limit
Time	Concentration (ppm)	15-Min Avg Concentration (ppm)	Time	Concentration (ppm)	15-Min Avg Concentration (ppm)	
13:30	0.0	0.0	13:30	0.0	0.0	-
13:31	0.0	0.0	13:31	0.0	0.0	-
13:32	0.0	0.0	13:32	0.0	0.0	-
13:33	0.0	0.0	13:33	0.0	0.0	-
13:34	0.0	0.0	13:34	0.0	0.0	-
13:35	0.0	0.0	13:35	0.0	0.0	-
13:36	0.0	0.0	13:36	0.0	0.0	-
13:37	0.0	0.0	13:37	0.0	0.0	-
13:38	0.0	0.0	13:38	0.0	0.0	-
13:39	0.0	0.0	13:39	0.0	0.0	-
13:40	0.0	0.0	13:40	0.0	0.0	-
13:41	0.0	0.0	13:41	0.0	0.0	-
13:42	0.0	0.0	13:42	0.0	0.0	-
13:43	0.0	0.0	13:43	0.0	0.0	-
13:44	0.0	0.0	13:44	0.0	0.0	-
13:45	0.0	0.0	13:45	0.0	0.0	-
13:46	0.0	0.0	13:46	0.0	0.0	-
13:47	0.0	0.0	13:47	0.0	0.0	-
13:48	0.0	0.0	13:48	0.0	0.0	-
13:49	0.0	0.0	13:49	0.0	0.0	-
13:50	0.0	0.0	13:50	0.0	0.0	-
13:51	0.0	0.0	13:51	0.0	0.0	-
13:52	0.0	0.0	13:52	0.0	0.0	-
13:53	0.0	0.0	13:53	0.0	0.0	-
13:54	0.0	0.0	13:54	0.0	0.0	-
13:55	0.0	0.0	13:55	0.0	0.0	-
13:56	0.0	0.0	13:56	0.0	0.0	-
13:57	0.0	0.0	13:57	0.0	0.0	-
13:58	0.0	0.0	13:58	0.0	0.0	-



959 US-46 Floor 3, Suite 300 - Parsippany-Troy Hills, NJ

DAILY AIR MONITORING REPORT

136-140 Croton Avenue

Ossining, New York

09/21/2023

Rev. No. 0

Page 1 of 2

Project Number: 12060

Dust Action Level

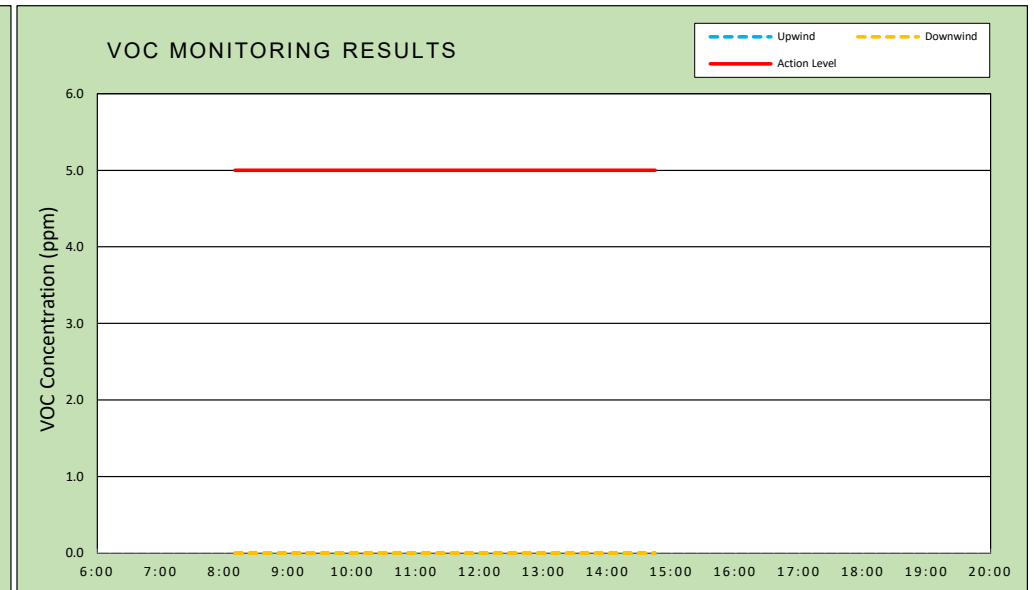
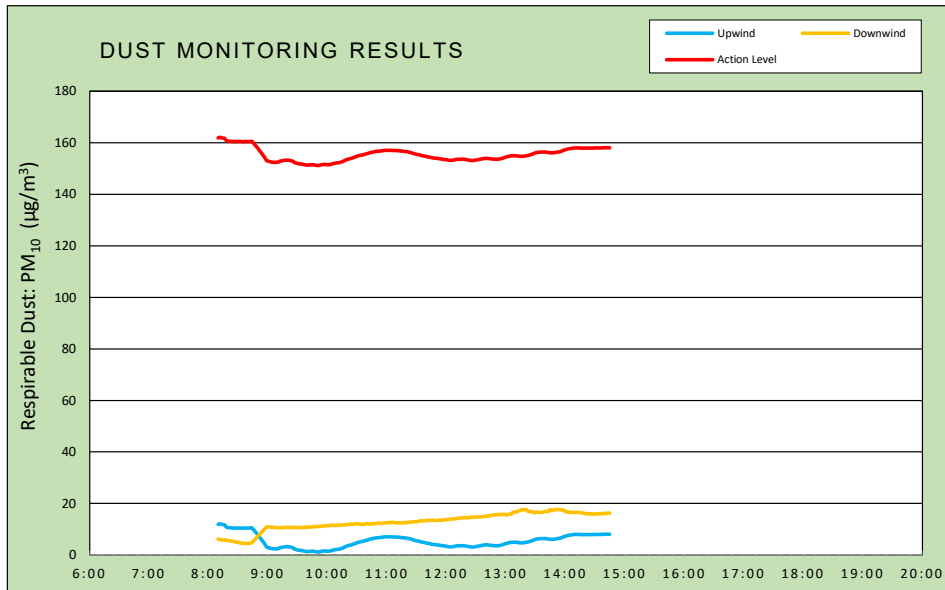
150 $\mu\text{g}/\text{m}^3$

VOC Action Level

5 ppm

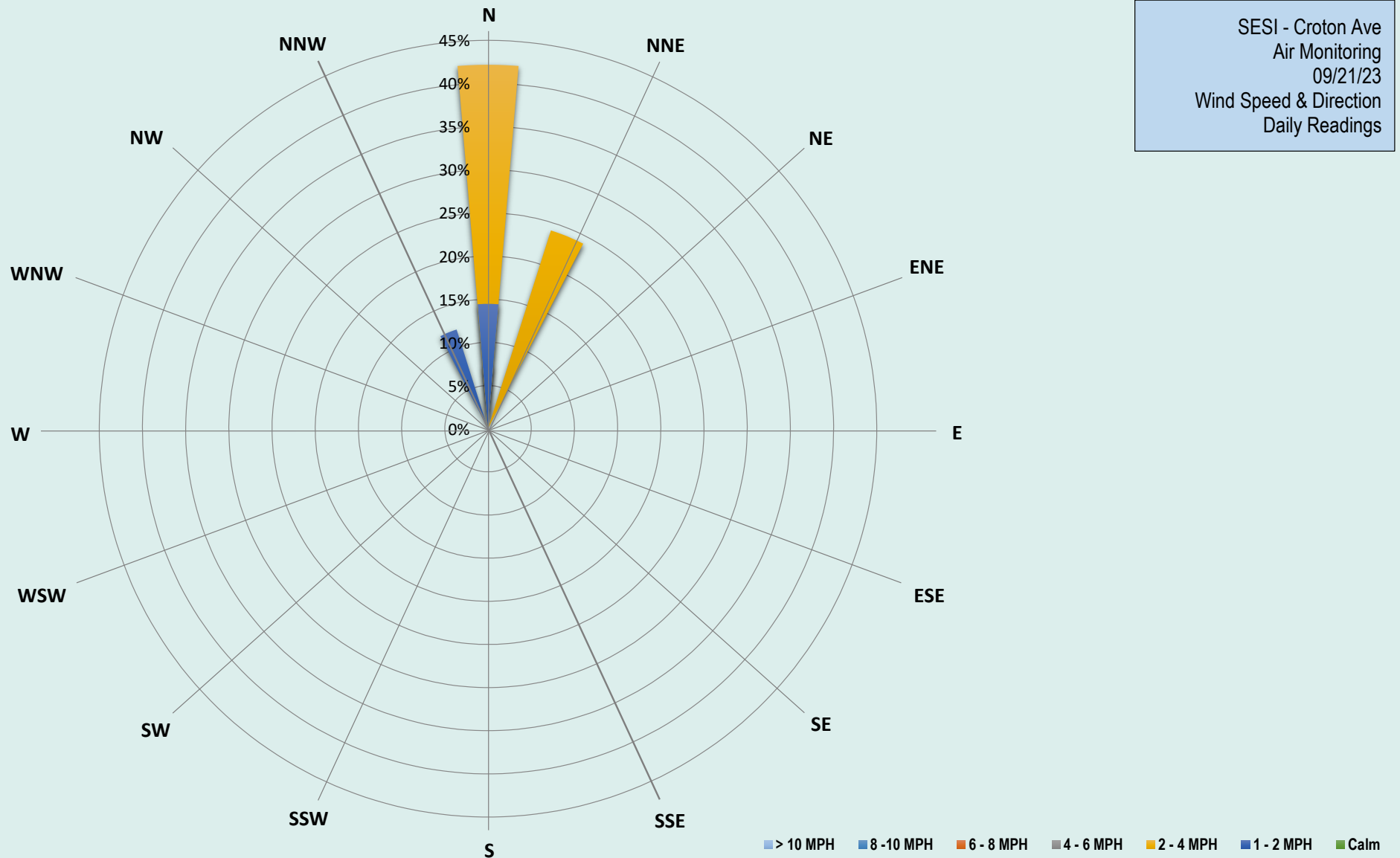
Weather Data Range for Work Day		Wind Direction	N	Relative Humidity (%)	56.0 - 97.0	Daily Rain Total (in)	0.00	Readings in the summary table and graphs below are the reported downwind concentrations.
Temperature (°F)	49.0 - 71.0	Wind Speed (MPH)	1.3 - 4.4	Barometer (inHg)	30.20 - 30.30	Avg. Dew Point Temp (°F)	52.7	

Station Location	Daily Avg. Dust Concentration ($\mu\text{g}/\text{m}^3$)	Max 15-Min Dust Concentration ($\mu\text{g}/\text{m}^3$)	Time of Max Dust Reading	Daily Avg. VOC Concentration (ppm)	Max 15-Min VOC Concentration (ppm)	Time of Max VOC Reading
Upwind	5.5	12.1	8:11	0.0	0.0	8:10
Downwind	12.8	17.7	13:45	0.0	0.0	8:10



Air Monitoring Notes:

Weather Notes:



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Thursday, September 21, 2023						
Number of Instances Where Downwind Particulates Exceeds Upwind Particulate + 150 =						0
Number of Comparable Data Points =						396
Start Time:						7:55
End Time:						14:45
PARTICULATE DATA						
Upwind			Downwind			Exceeds Particulate Alarm Limit
Time	Concentration (ug/m ³)	15-Min Avg Concentration (ug/m ³)	Time	Concentration (ug/m ³)	15-Min Avg Concentration (ug/m ³)	
7:55	7.0	-	7:55	7.0	-	-
7:56	7.0	-	7:56	6.8	-	-
7:57	11.5	-	7:57	6.8	-	-
7:58	10.8	-	7:58	6.0	-	-
7:59	11.8	-	7:59	6.3	-	-
8:00	11.3	-	8:00	6.3	-	-
8:01	11.3	-	8:01	6.0	-	-
8:02	14.3	-	8:02	6.0	-	-
8:03	19.5	-	8:03	6.0	-	-
8:04	13.3	-	8:04	6.3	-	-
8:05	13.0	-	8:05	6.5	-	-
8:06	11.8	-	8:06	6.3	-	-
8:07	10.3	-	8:07	6.5	-	-
8:08	10.8	-	8:08	5.8	-	-
8:09	10.5	-	8:09	5.8	-	-
8:10	11.0	11.9	8:10	5.8	6.2	-
8:11	10.3	12.1	8:11	5.0	6.1	-
8:12	11.0	12.0	8:12	5.5	6.0	-
8:13	10.0	12.0	8:13	5.5	6.0	-
8:14	9.8	11.9	8:14	5.3	5.9	-
8:15	10.5	11.8	8:15	5.5	5.8	-
8:16	10.5	11.8	8:16	5.5	5.8	-
8:17	10.3	11.5	8:17	5.8	5.8	-
8:18	11.3	10.9	8:18	5.8	5.8	-
8:19	10.8	10.8	8:19	6.0	5.8	-
8:20	10.8	10.6	8:20	5.0	5.7	-
8:21	10.8	10.6	8:21	5.3	5.6	-
8:22	10.3	10.6	8:22	5.0	5.5	-
8:23	10.3	10.5	8:23	5.0	5.4	-
8:24	10.5	10.5	8:24	4.8	5.4	-
8:25	10.0	10.5	8:25	4.8	5.3	-
8:26	10.3	10.5	8:26	4.0	5.2	-
8:27	11.0	10.5	8:27	4.3	5.2	-
8:28	10.0	10.5	8:28	4.0	5.1	-
8:29	10.3	10.5	8:29	4.0	5.0	-
8:30	10.5	10.5	8:30	4.3	4.9	-
8:31	10.5	10.5	8:31	4.8	4.8	-
8:32	11.0	10.5	8:32	4.3	4.7	-
8:33	10.3	10.5	8:33	4.3	4.6	-
8:34	10.3	10.4	8:34	4.5	4.5	-
8:35	10.3	10.4	8:35	5.3	4.6	-

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Upwind			Downwind			Exceeds Particulate Alarm Limit
Time	Concentration (ug/m ³)	15-Min Avg Concentration (ug/m ³)	Time	Concentration (ug/m ³)	15-Min Avg Concentration (ug/m ³)	
8:36	10.8	10.4	8:36	5.0	4.5	-
8:37	11.3	10.5	8:37	4.8	4.5	-
8:38	10.0	10.5	8:38	5.0	4.5	-
8:39	10.3	10.4	8:39	4.5	4.5	-
8:40	10.3	10.5	8:40	5.0	4.5	-
8:41	10.5	10.5	8:41	5.0	4.6	-
8:42	10.0	10.4	8:42	4.3	4.6	-
8:43	11.5	10.5	8:43	5.3	4.7	-
8:44	11.3	10.6	8:44	4.0	4.7	-
8:45	4.0	10.1	8:45	10.8	5.1	-
8:46	4.0	9.7	8:46	11.0	5.5	-
8:47	4.0	9.2	8:47	10.8	6.0	-
8:48	3.8	8.8	8:48	11.3	6.4	-
8:49	3.5	8.4	8:49	11.0	6.9	-
8:50	3.3	7.9	8:50	11.0	7.2	-
8:51	3.0	7.4	8:51	10.8	7.6	-
8:52	3.0	6.8	8:52	10.8	8.0	-
8:53	3.0	6.4	8:53	11.0	8.4	-
8:54	2.8	5.9	8:54	11.3	8.9	-
8:55	2.5	5.3	8:55	11.5	9.3	-
8:56	2.3	4.8	8:56	10.8	9.7	-
8:57	2.3	4.3	8:57	11.0	10.1	-
8:58	2.3	3.7	8:58	10.5	10.5	-
8:59	2.0	3.0	8:59	10.3	10.9	-
9:00	2.3	2.9	9:00	11.0	10.9	-
9:01	2.5	2.8	9:01	10.3	10.9	-
9:02	2.0	2.7	9:02	10.3	10.8	-
9:03	2.0	2.6	9:03	10.3	10.8	-
9:04	2.5	2.5	9:04	11.3	10.8	-
9:05	2.5	2.5	9:05	10.8	10.8	-
9:06	2.5	2.4	9:06	10.3	10.7	-
9:07	2.5	2.4	9:07	10.5	10.7	-
9:08	3.3	2.4	9:08	10.8	10.7	-
9:09	3.0	2.4	9:09	10.3	10.6	-
9:10	3.0	2.5	9:10	10.8	10.6	-
9:11	3.0	2.5	9:11	11.0	10.6	-
9:12	6.8	2.8	9:12	10.8	10.6	-
9:13	3.3	2.9	9:13	11.0	10.6	-
9:14	3.0	2.9	9:14	10.5	10.6	-
9:15	3.8	3.0	9:15	9.8	10.6	-
9:16	3.3	3.1	9:16	11.3	10.6	-
9:17	3.3	3.2	9:17	11.0	10.7	-
9:18	3.0	3.2	9:18	11.0	10.7	-
9:19	2.5	3.2	9:19	11.3	10.7	-
9:20	2.5	3.2	9:20	11.0	10.7	-
9:21	2.0	3.2	9:21	10.3	10.7	-
9:22	2.0	3.2	9:22	10.5	10.7	-

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Upwind			Downwind			Exceeds Particulate Alarm Limit
Time	Concentration (ug/m ³)	15-Min Avg Concentration (ug/m ³)	Time	Concentration (ug/m ³)	15-Min Avg Concentration (ug/m ³)	
9:23	1.8	3.1	9:23	10.8	10.7	-
9:24	1.3	3.0	9:24	10.3	10.7	-
9:25	1.3	2.8	9:25	10.0	10.7	-
9:26	1.0	2.7	9:26	10.8	10.7	-
9:27	1.0	2.3	9:27	11.5	10.7	-
9:28	1.5	2.2	9:28	10.0	10.7	-
9:29	1.8	2.1	9:29	11.0	10.7	-
9:30	1.5	2.0	9:30	10.3	10.7	-
9:31	2.0	1.9	9:31	10.8	10.7	-
9:32	2.3	1.8	9:32	10.8	10.7	-
9:33	2.3	1.8	9:33	11.0	10.7	-
9:34	2.3	1.8	9:34	10.8	10.6	-
9:35	1.3	1.7	9:35	10.5	10.6	-
9:36	1.0	1.6	9:36	11.0	10.7	-
9:37	0.8	1.5	9:37	11.5	10.7	-
9:38	0.0	1.4	9:38	11.0	10.7	-
9:39	0.5	1.4	9:39	11.3	10.8	-
9:40	1.0	1.3	9:40	10.8	10.9	-
9:41	1.5	1.4	9:41	10.5	10.8	-
9:42	1.5	1.4	9:42	11.0	10.8	-
9:43	1.8	1.4	9:43	10.8	10.9	-
9:44	2.0	1.4	9:44	11.3	10.9	-
9:45	2.3	1.5	9:45	11.0	10.9	-
9:46	1.5	1.5	9:46	10.8	10.9	-
9:47	1.3	1.4	9:47	11.5	11.0	-
9:48	1.0	1.3	9:48	11.5	11.0	-
9:49	1.0	1.2	9:49	11.0	11.0	-
9:50	0.5	1.2	9:50	11.5	11.1	-
9:51	1.0	1.2	9:51	11.0	11.1	-
9:52	1.5	1.2	9:52	11.3	11.1	-
9:53	1.5	1.3	9:53	12.0	11.1	-
9:54	2.0	1.4	9:54	11.3	11.1	-
9:55	2.0	1.5	9:55	11.5	11.2	-
9:56	2.0	1.5	9:56	11.3	11.2	-
9:57	2.0	1.6	9:57	12.8	11.4	-
9:58	2.0	1.6	9:58	10.8	11.4	-
9:59	1.5	1.5	9:59	10.8	11.3	-
10:00	1.3	1.5	10:00	12.0	11.4	-
10:01	1.8	1.5	10:01	11.0	11.4	-
10:02	1.5	1.5	10:02	13.0	11.5	-
10:03	2.0	1.6	10:03	11.5	11.5	-
10:04	2.0	1.6	10:04	11.5	11.5	-
10:05	2.3	1.8	10:05	11.0	11.5	-
10:06	3.0	1.9	10:06	11.3	11.5	-
10:07	3.0	2.0	10:07	11.0	11.5	-
10:08	2.8	2.1	10:08	10.8	11.4	-
10:09	3.0	2.1	10:09	11.5	11.4	-

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PARTICULATE DATA						
Upwind			Downwind			Exceeds Particulate Alarm Limit
Time	Concentration (ug/m ³)	15-Min Avg Concentration (ug/m ³)	Time	Concentration (ug/m ³)	15-Min Avg Concentration (ug/m ³)	
10:10	2.8	2.2	10:10	14.5	11.6	-
10:11	2.5	2.2	10:11	11.3	11.6	-
10:12	2.8	2.3	10:12	11.3	11.5	-
10:13	3.0	2.3	10:13	11.5	11.6	-
10:14	3.5	2.5	10:14	11.8	11.7	-
10:15	3.5	2.6	10:15	11.3	11.6	-
10:16	4.0	2.8	10:16	12.3	11.7	-
10:17	4.5	3.0	10:17	12.3	11.6	-
10:18	4.5	3.1	10:18	11.8	11.7	-
10:19	5.0	3.3	10:19	12.3	11.7	-
10:20	4.5	3.5	10:20	12.5	11.8	-
10:21	4.8	3.6	10:21	12.0	11.9	-
10:22	4.5	3.7	10:22	11.5	11.9	-
10:23	4.3	3.8	10:23	12.0	12.0	-
10:24	4.3	3.9	10:24	11.8	12.0	-
10:25	4.5	4.0	10:25	12.8	11.9	-
10:26	4.8	4.2	10:26	12.3	11.9	-
10:27	5.0	4.3	10:27	12.3	12.0	-
10:28	5.0	4.4	10:28	12.0	12.0	-
10:29	5.8	4.6	10:29	11.8	12.0	-
10:30	6.0	4.8	10:30	12.0	12.1	-
10:31	6.0	4.9	10:31	12.0	12.1	-
10:32	6.0	5.0	10:32	11.5	12.0	-
10:33	5.8	5.1	10:33	11.5	12.0	-
10:34	6.0	5.1	10:34	11.3	11.9	-
10:35	6.0	5.2	10:35	11.8	11.9	-
10:36	6.0	5.3	10:36	12.0	11.9	-
10:37	6.0	5.4	10:37	11.3	11.9	-
10:38	5.8	5.5	10:38	12.8	11.9	-
10:39	6.0	5.6	10:39	14.8	12.1	-
10:40	6.0	5.7	10:40	13.8	12.2	-
10:41	6.5	5.9	10:41	11.0	12.1	-
10:42	6.8	6.0	10:42	11.3	12.0	-
10:43	7.0	6.1	10:43	12.5	12.1	-
10:44	7.3	6.2	10:44	12.5	12.1	-
10:45	7.3	6.3	10:45	11.8	12.1	-
10:46	7.5	6.4	10:46	11.5	12.1	-
10:47	7.0	6.5	10:47	12.3	12.1	-
10:48	7.0	6.5	10:48	12.0	12.2	-
10:49	7.0	6.6	10:49	12.8	12.3	-
10:50	6.8	6.7	10:50	12.3	12.3	-
10:51	6.8	6.7	10:51	12.0	12.3	-
10:52	6.3	6.7	10:52	13.3	12.4	-
10:53	6.3	6.8	10:53	12.5	12.4	-
10:54	6.8	6.8	10:54	12.5	12.3	-
10:55	7.0	6.9	10:55	13.0	12.2	-
10:56	7.0	6.9	10:56	11.8	12.3	-

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Upwind			Downwind			Exceeds Particulate Alarm Limit
Time	Concentration (ug/m ³)	15-Min Avg Concentration (ug/m ³)	Time	Concentration (ug/m ³)	15-Min Avg Concentration (ug/m ³)	
10:57	8.0	7.0	10:57	14.0	12.4	-
10:58	7.8	7.0	10:58	12.5	12.4	-
10:59	7.5	7.1	10:59	12.8	12.5	-
11:00	7.5	7.1	11:00	12.0	12.5	-
11:01	7.3	7.1	11:01	13.8	12.6	-
11:02	7.0	7.1	11:02	12.0	12.6	-
11:03	7.0	7.1	11:03	11.8	12.6	-
11:04	6.8	7.0	11:04	12.3	12.6	-
11:05	6.8	7.0	11:05	13.8	12.7	-
11:06	6.3	7.0	11:06	12.8	12.7	-
11:07	6.0	7.0	11:07	12.3	12.6	-
11:08	6.0	7.0	11:08	12.0	12.6	-
11:09	6.8	7.0	11:09	11.5	12.5	-
11:10	7.0	7.0	11:10	12.3	12.5	-
11:11	7.0	7.0	11:11	12.8	12.6	-
11:12	6.8	6.9	11:12	12.5	12.5	-
11:13	7.5	6.9	11:13	13.0	12.5	-
11:14	6.5	6.8	11:14	13.0	12.5	-
11:15	7.0	6.8	11:15	12.5	12.5	-
11:16	6.8	6.7	11:16	12.3	12.4	-
11:17	6.5	6.7	11:17	12.5	12.5	-
11:18	6.0	6.6	11:18	12.8	12.5	-
11:19	6.0	6.6	11:19	12.8	12.6	-
11:20	6.0	6.5	11:20	12.8	12.5	-
11:21	5.5	6.5	11:21	14.3	12.6	-
11:22	5.0	6.4	11:22	13.5	12.7	-
11:23	5.0	6.4	11:23	12.8	12.7	-
11:24	5.0	6.2	11:24	13.0	12.8	-
11:25	5.0	6.1	11:25	12.3	12.8	-
11:26	5.0	6.0	11:26	12.8	12.8	-
11:27	5.0	5.9	11:27	12.5	12.8	-
11:28	5.3	5.7	11:28	14.3	12.9	-
11:29	5.3	5.6	11:29	12.5	12.9	-
11:30	5.5	5.5	11:30	13.0	12.9	-
11:31	5.5	5.4	11:31	13.3	13.0	-
11:32	5.3	5.4	11:32	13.8	13.1	-
11:33	5.0	5.3	11:33	13.8	13.1	-
11:34	4.5	5.2	11:34	15.0	13.3	-
11:35	4.3	5.1	11:35	13.3	13.3	-
11:36	4.0	5.0	11:36	13.5	13.3	-
11:37	4.0	4.9	11:37	12.5	13.2	-
11:38	4.0	4.8	11:38	13.5	13.3	-
11:39	3.5	4.7	11:39	13.5	13.3	-
11:40	3.5	4.6	11:40	13.8	13.4	-
11:41	4.0	4.6	11:41	13.3	13.4	-
11:42	4.5	4.5	11:42	13.3	13.5	-
11:43	4.3	4.5	11:43	13.0	13.4	-

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Upwind			Downwind			Exceeds Particulate Alarm Limit
Time	Concentration (ug/m ³)	15-Min Avg Concentration (ug/m ³)	Time	Concentration (ug/m ³)	15-Min Avg Concentration (ug/m ³)	
11:44	3.3	4.3	11:44	13.0	13.4	-
11:45	4.0	4.2	11:45	13.0	13.4	-
11:46	4.0	4.1	11:46	13.8	13.5	-
11:47	4.8	4.1	11:47	14.3	13.5	-
11:48	4.0	4.0	11:48	13.3	13.5	-
11:49	4.0	4.0	11:49	13.8	13.4	-
11:50	4.0	4.0	11:50	13.5	13.4	-
11:51	3.5	4.0	11:51	13.5	13.4	-
11:52	3.0	3.9	11:52	14.3	13.5	-
11:53	2.8	3.8	11:53	13.5	13.5	-
11:54	2.8	3.8	11:54	13.8	13.5	-
11:55	2.8	3.7	11:55	13.0	13.5	-
11:56	3.3	3.7	11:56	13.5	13.5	-
11:57	3.3	3.6	11:57	13.5	13.5	-
11:58	3.0	3.5	11:58	14.0	13.6	-
11:59	3.3	3.5	11:59	14.3	13.7	-
12:00	3.0	3.4	12:00	14.3	13.7	-
12:01	3.0	3.4	12:01	14.3	13.8	-
12:02	3.0	3.2	12:02	14.3	13.8	-
12:03	3.3	3.2	12:03	14.5	13.9	-
12:04	3.8	3.2	12:04	14.5	13.9	-
12:05	3.8	3.2	12:05	14.3	14.0	-
12:06	4.0	3.2	12:06	14.5	14.0	-
12:07	4.0	3.3	12:07	13.3	14.0	-
12:08	3.8	3.3	12:08	14.3	14.0	-
12:09	4.3	3.4	12:09	14.3	14.0	-
12:10	4.0	3.5	12:10	14.0	14.1	-
12:11	4.0	3.6	12:11	14.3	14.2	-
12:12	3.8	3.6	12:12	14.8	14.2	-
12:13	3.5	3.6	12:13	15.0	14.3	-
12:14	2.5	3.6	12:14	14.5	14.3	-
12:15	3.3	3.6	12:15	15.0	14.4	-
12:16	3.3	3.6	12:16	15.0	14.4	-
12:17	3.3	3.6	12:17	15.3	14.5	-
12:18	2.8	3.6	12:18	14.3	14.5	-
12:19	2.8	3.5	12:19	14.5	14.5	-
12:20	3.3	3.5	12:20	14.0	14.5	-
12:21	2.5	3.4	12:21	14.0	14.4	-
12:22	3.3	3.3	12:22	14.5	14.5	-
12:23	3.0	3.3	12:23	15.0	14.6	-
12:24	2.8	3.2	12:24	14.5	14.6	-
12:25	3.3	3.1	12:25	15.0	14.6	-
12:26	3.5	3.1	12:26	15.3	14.7	-
12:27	3.5	3.1	12:27	14.5	14.7	-
12:28	4.0	3.1	12:28	14.8	14.7	-
12:29	4.3	3.2	12:29	15.5	14.7	-
12:30	4.0	3.3	12:30	15.3	14.8	-

CAMP Data
Sun Valley Nursery Filling Station Site
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PARTICULATE DATA						
Upwind			Downwind			Exceeds Particulate Alarm Limit
Time	Concentration (ug/m ³)	15-Min Avg Concentration (ug/m ³)	Time	Concentration (ug/m ³)	15-Min Avg Concentration (ug/m ³)	
12:31	4.0	3.3	12:31	15.3	14.8	-
12:32	4.0	3.4	12:32	14.5	14.7	-
12:33	4.0	3.5	12:33	15.0	14.8	-
12:34	4.3	3.6	12:34	14.5	14.8	-
12:35	4.3	3.6	12:35	14.8	14.8	-
12:36	4.0	3.7	12:36	15.3	14.9	-
12:37	4.0	3.8	12:37	15.0	14.9	-
12:38	4.0	3.9	12:38	15.5	15.0	-
12:39	3.8	3.9	12:39	15.5	15.0	-
12:40	3.8	4.0	12:40	15.5	15.1	-
12:41	3.3	3.9	12:41	15.3	15.1	-
12:42	3.5	3.9	12:42	15.3	15.1	-
12:43	3.0	3.9	12:43	15.5	15.2	-
12:44	3.0	3.8	12:44	16.3	15.2	-
12:45	3.8	3.8	12:45	17.5	15.4	-
12:46	3.3	3.7	12:46	15.3	15.4	-
12:47	3.0	3.7	12:47	15.5	15.4	-
12:48	4.0	3.7	12:48	16.3	15.5	-
12:49	3.8	3.6	12:49	15.0	15.6	-
12:50	4.0	3.6	12:50	15.8	15.6	-
12:51	4.0	3.6	12:51	15.8	15.7	-
12:52	4.3	3.6	12:52	15.8	15.7	-
12:53	4.3	3.6	12:53	15.3	15.7	-
12:54	4.8	3.7	12:54	15.3	15.7	-
12:55	5.0	3.8	12:55	16.0	15.7	-
12:56	4.8	3.9	12:56	15.5	15.7	-
12:57	5.3	4.0	12:57	16.0	15.8	-
12:58	5.0	4.1	12:58	15.8	15.8	-
12:59	5.3	4.3	12:59	15.3	15.7	-
13:00	5.3	4.4	13:00	15.0	15.6	-
13:01	5.3	4.5	13:01	15.8	15.6	-
13:02	5.0	4.7	13:02	17.0	15.7	-
13:03	5.0	4.7	13:03	18.0	15.8	-
13:04	4.8	4.8	13:04	16.0	15.9	-
13:05	5.0	4.9	13:05	15.8	15.9	-
13:06	4.8	4.9	13:06	16.8	15.9	-
13:07	4.8	4.9	13:07	22.8	16.4	-
13:08	4.5	5.0	13:08	17.5	16.6	-
13:09	5.0	5.0	13:09	17.5	16.7	-
13:10	4.5	4.9	13:10	15.5	16.7	-
13:11	4.5	4.9	13:11	15.8	16.7	-
13:12	4.5	4.9	13:12	21.0	17.0	-
13:13	4.8	4.9	13:13	16.5	17.1	-
13:14	3.5	4.7	13:14	16.5	17.2	-
13:15	5.0	4.7	13:15	18.5	17.4	-
13:16	5.0	4.7	13:16	19.3	17.6	-
13:17	5.3	4.7	13:17	16.5	17.6	-

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PARTICULATE DATA						
Upwind			Downwind			Exceeds Particulate Alarm Limit
Time	Concentration (ug/m ³)	15-Min Avg Concentration (ug/m ³)	Time	Concentration (ug/m ³)	15-Min Avg Concentration (ug/m ³)	
13:18	5.3	4.7	13:18	17.3	17.5	-
13:19	5.8	4.8	13:19	16.3	17.6	-
13:20	6.0	4.9	13:20	17.0	17.6	-
13:21	5.8	4.9	13:21	16.5	17.6	-
13:22	6.0	5.0	13:22	15.5	17.1	-
13:23	6.0	5.1	13:23	15.3	17.0	-
13:24	6.3	5.2	13:24	15.8	16.9	-
13:25	6.3	5.3	13:25	15.8	16.9	-
13:26	6.5	5.5	13:26	16.3	16.9	-
13:27	6.8	5.6	13:27	16.0	16.6	-
13:28	6.5	5.7	13:28	16.3	16.6	-
13:29	6.8	5.9	13:29	16.0	16.5	-
13:30	7.0	6.1	13:30	16.5	16.4	-
13:31	6.3	6.2	13:31	23.8	16.7	-
13:32	6.5	6.2	13:32	16.3	16.7	-
13:33	6.0	6.3	13:33	16.0	16.6	-
13:34	6.5	6.3	13:34	15.8	16.6	-
13:35	6.0	6.3	13:35	16.5	16.5	-
13:36	6.3	6.4	13:36	16.0	16.5	-
13:37	6.0	6.4	13:37	16.8	16.6	-
13:38	6.5	6.4	13:38	16.8	16.7	-
13:39	6.0	6.4	13:39	17.0	16.8	-
13:40	6.0	6.4	13:40	17.5	16.9	-
13:41	6.3	6.4	13:41	17.3	17.0	-
13:42	5.8	6.3	13:42	15.3	16.9	-
13:43	6.0	6.3	13:43	16.0	16.9	-
13:44	4.8	6.1	13:44	21.5	17.3	-
13:45	6.8	6.1	13:45	23.0	17.7	-
13:46	6.5	6.1	13:46	16.5	17.2	-
13:47	6.0	6.1	13:47	18.3	17.3	-
13:48	6.5	6.1	13:48	16.5	17.4	-
13:49	7.0	6.2	13:49	18.0	17.5	-
13:50	7.3	6.2	13:50	18.3	17.6	-
13:51	7.0	6.3	13:51	15.8	17.6	-
13:52	7.0	6.4	13:52	16.0	17.6	-
13:53	7.0	6.4	13:53	18.3	17.7	-
13:54	7.3	6.5	13:54	17.0	17.7	-
13:55	7.3	6.6	13:55	16.3	17.6	-
13:56	8.0	6.7	13:56	15.8	17.5	-
13:57	8.0	6.8	13:57	15.5	17.5	-
13:58	8.0	7.0	13:58	16.5	17.5	-
13:59	8.3	7.2	13:59	17.0	17.2	-
14:00	7.8	7.3	14:00	16.3	16.8	-
14:01	8.0	7.4	14:01	16.5	16.8	-
14:02	8.3	7.5	14:02	16.5	16.7	-
14:03	8.0	7.6	14:03	16.3	16.7	-
14:04	7.8	7.7	14:04	17.5	16.6	-

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PARTICULATE DATA						
Upwind			Downwind			Exceeds Particulate Alarm Limit
Time	Concentration (ug/m ³)	15-Min Avg Concentration (ug/m ³)	Time	Concentration (ug/m ³)	15-Min Avg Concentration (ug/m ³)	
14:05	8.0	7.7	14:05	17.0	16.5	-
14:06	8.0	7.8	14:06	16.5	16.6	-
14:07	8.0	7.8	14:07	16.3	16.6	-
14:08	8.0	7.9	14:08	16.0	16.5	-
14:09	8.0	8.0	14:09	18.0	16.5	-
14:10	8.0	8.0	14:10	16.0	16.5	-
14:11	8.0	8.0	14:11	16.3	16.5	-
14:12	8.0	8.0	14:12	15.8	16.6	-
14:13	8.0	8.0	14:13	16.0	16.5	-
14:14	7.3	7.9	14:14	16.8	16.5	-
14:15	8.0	8.0	14:15	16.5	16.5	-
14:16	8.0	8.0	14:16	15.3	16.4	-
14:17	7.5	7.9	14:17	15.8	16.4	-
14:18	8.0	7.9	14:18	15.3	16.3	-
14:19	8.0	7.9	14:19	15.8	16.2	-
14:20	8.0	7.9	14:20	15.8	16.1	-
14:21	8.0	7.9	14:21	15.3	16.0	-
14:22	8.0	7.9	14:22	16.0	16.0	-
14:23	8.0	7.9	14:23	16.5	16.1	-
14:24	8.0	7.9	14:24	15.5	15.9	-
14:25	8.0	7.9	14:25	17.8	16.0	-
14:26	8.0	7.9	14:26	15.5	16.0	-
14:27	8.0	7.9	14:27	15.8	16.0	-
14:28	8.0	7.9	14:28	16.0	16.0	-
14:29	8.0	8.0	14:29	15.3	15.9	-
14:30	8.0	8.0	14:30	17.3	15.9	-
14:31	8.0	8.0	14:31	16.3	16.0	-
14:32	8.0	8.0	14:32	15.0	15.9	-
14:33	8.0	8.0	14:33	15.8	16.0	-
14:34	7.5	8.0	14:34	16.5	16.0	-
14:35	8.0	8.0	14:35	16.0	16.0	-
14:36	8.0	8.0	14:36	15.5	16.0	-
14:37	8.5	8.0	14:37	16.3	16.1	-
14:38	8.5	8.0	14:38	16.5	16.1	-
14:39	8.3	8.1	14:39	17.0	16.2	-
14:40	8.3	8.1	14:40	16.5	16.1	-
14:41	8.0	8.1	14:41	16.4	16.1	-
14:42	8.3	8.1	14:42	16.2	16.2	-
14:43	8.0	8.1	14:43	16.8	16.2	-
14:44	7.3	8.0	14:44	16.6	16.3	-
14:45	8.5	8.1	14:45	16.2	16.2	-

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Thursday, September 21, 2023						
Number of Instances Where Downwind VOCs Exceeds Upwind VOCs + 5 =						0
Number of Comparable Data Points =						396
Start Time:						7:55
End Time:						14:45
PID DATA						
Upwind			Downwind			Exceeds VOC Alarm Limit
Time	Concentration (ppm)	15-Min Avg Concentration (ppm)	Time	Concentration (ppm)	15-Min Avg Concentration (ppm)	
7:55	0.0	-	7:55	0.0	-	-
7:56	0.0	-	7:56	0.0	-	-
7:57	0.0	-	7:57	0.0	-	-
7:58	0.0	-	7:58	0.0	-	-
7:59	0.0	-	7:59	0.0	-	-
8:00	0.0	-	8:00	0.0	-	-
8:01	0.0	-	8:01	0.0	-	-
8:02	0.0	-	8:02	0.0	-	-
8:03	0.0	-	8:03	0.0	-	-
8:04	0.0	-	8:04	0.0	-	-
8:05	0.0	-	8:05	0.0	-	-
8:06	0.0	-	8:06	0.0	-	-
8:07	0.0	-	8:07	0.0	-	-
8:08	0.0	-	8:08	0.0	-	-
8:09	0.0	-	8:09	0.0	-	-
8:10	0.0	0.0	8:10	0.0	0.0	-
8:11	0.0	0.0	8:11	0.0	0.0	-
8:12	0.0	0.0	8:12	0.0	0.0	-
8:13	0.0	0.0	8:13	0.0	0.0	-
8:14	0.0	0.0	8:14	0.0	0.0	-
8:15	0.0	0.0	8:15	0.0	0.0	-
8:16	0.0	0.0	8:16	0.0	0.0	-
8:17	0.0	0.0	8:17	0.0	0.0	-
8:18	0.0	0.0	8:18	0.0	0.0	-
8:19	0.0	0.0	8:19	0.0	0.0	-
8:20	0.0	0.0	8:20	0.0	0.0	-
8:21	0.0	0.0	8:21	0.0	0.0	-
8:22	0.0	0.0	8:22	0.0	0.0	-
8:23	0.0	0.0	8:23	0.0	0.0	-
8:24	0.0	0.0	8:24	0.0	0.0	-
8:25	0.0	0.0	8:25	0.0	0.0	-
8:26	0.0	0.0	8:26	0.0	0.0	-
8:27	0.0	0.0	8:27	0.0	0.0	-
8:28	0.0	0.0	8:28	0.0	0.0	-
8:29	0.0	0.0	8:29	0.0	0.0	-
8:30	0.0	0.0	8:30	0.0	0.0	-
8:31	0.0	0.0	8:31	0.0	0.0	-
8:32	0.0	0.0	8:32	0.0	0.0	-
8:33	0.0	0.0	8:33	0.0	0.0	-
8:34	0.0	0.0	8:34	0.0	0.0	-
8:35	0.0	0.0	8:35	0.0	0.0	-
8:36	0.0	0.0	8:36	0.0	0.0	-

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PID DATA						
Upwind			Downwind			Exceeds VOC Alarm Limit
Time	Concentration (ppm)	15-Min Avg Concentration (ppm)	Time	Concentration (ppm)	15-Min Avg Concentration (ppm)	
8:37	0.0	0.0	8:37	0.0	0.0	-
8:38	0.0	0.0	8:38	0.0	0.0	-
8:39	0.0	0.0	8:39	0.0	0.0	-
8:40	0.0	0.0	8:40	0.0	0.0	-
8:41	0.0	0.0	8:41	0.0	0.0	-
8:42	0.0	0.0	8:42	0.0	0.0	-
8:43	0.0	0.0	8:43	0.0	0.0	-
8:44	0.0	0.0	8:44	0.0	0.0	-
8:45	0.0	0.0	8:45	0.0	0.0	-
8:46	0.0	0.0	8:46	0.0	0.0	-
8:47	0.0	0.0	8:47	0.0	0.0	-
8:48	0.0	0.0	8:48	0.0	0.0	-
8:49	0.0	0.0	8:49	0.0	0.0	-
8:50	0.0	0.0	8:50	0.0	0.0	-
8:51	0.0	0.0	8:51	0.0	0.0	-
8:52	0.0	0.0	8:52	0.0	0.0	-
8:53	0.0	0.0	8:53	0.0	0.0	-
8:54	0.0	0.0	8:54	0.0	0.0	-
8:55	0.0	0.0	8:55	0.0	0.0	-
8:56	0.0	0.0	8:56	0.0	0.0	-
8:57	0.0	0.0	8:57	0.0	0.0	-
8:58	0.0	0.0	8:58	0.0	0.0	-
8:59	0.0	0.0	8:59	0.0	0.0	-
9:00	0.0	0.0	9:00	0.0	0.0	-
9:01	0.0	0.0	9:01	0.0	0.0	-
9:02	0.0	0.0	9:02	0.0	0.0	-
9:03	0.0	0.0	9:03	0.0	0.0	-
9:04	0.0	0.0	9:04	0.0	0.0	-
9:05	0.0	0.0	9:05	0.0	0.0	-
9:06	0.0	0.0	9:06	0.0	0.0	-
9:07	0.0	0.0	9:07	0.0	0.0	-
9:08	0.0	0.0	9:08	0.0	0.0	-
9:09	0.0	0.0	9:09	0.0	0.0	-
9:10	0.0	0.0	9:10	0.0	0.0	-
9:11	0.0	0.0	9:11	0.0	0.0	-
9:12	0.0	0.0	9:12	0.0	0.0	-
9:13	0.0	0.0	9:13	0.0	0.0	-
9:14	0.0	0.0	9:14	0.0	0.0	-
9:15	0.0	0.0	9:15	0.0	0.0	-
9:16	0.0	0.0	9:16	0.0	0.0	-
9:17	0.0	0.0	9:17	0.0	0.0	-
9:18	0.0	0.0	9:18	0.0	0.0	-
9:19	0.0	0.0	9:19	0.0	0.0	-
9:20	0.0	0.0	9:20	0.0	0.0	-
9:21	0.0	0.0	9:21	0.0	0.0	-
9:22	0.0	0.0	9:22	0.0	0.0	-
9:23	0.0	0.0	9:23	0.0	0.0	-
9:24	0.0	0.0	9:24	0.0	0.0	-

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PID DATA						
Upwind			Downwind			Exceeds VOC Alarm Limit
Time	Concentration (ppm)	15-Min Avg Concentration (ppm)	Time	Concentration (ppm)	15-Min Avg Concentration (ppm)	
9:25	0.0	0.0	9:25	0.0	0.0	-
9:26	0.0	0.0	9:26	0.0	0.0	-
9:27	0.0	0.0	9:27	0.0	0.0	-
9:28	0.0	0.0	9:28	0.0	0.0	-
9:29	0.0	0.0	9:29	0.0	0.0	-
9:30	0.0	0.0	9:30	0.0	0.0	-
9:31	0.0	0.0	9:31	0.0	0.0	-
9:32	0.0	0.0	9:32	0.0	0.0	-
9:33	0.0	0.0	9:33	0.0	0.0	-
9:34	0.0	0.0	9:34	0.0	0.0	-
9:35	0.0	0.0	9:35	0.0	0.0	-
9:36	0.0	0.0	9:36	0.0	0.0	-
9:37	0.0	0.0	9:37	0.0	0.0	-
9:38	0.0	0.0	9:38	0.0	0.0	-
9:39	0.0	0.0	9:39	0.0	0.0	-
9:40	0.0	0.0	9:40	0.0	0.0	-
9:41	0.0	0.0	9:41	0.0	0.0	-
9:42	0.0	0.0	9:42	0.0	0.0	-
9:43	0.0	0.0	9:43	0.0	0.0	-
9:44	0.0	0.0	9:44	0.0	0.0	-
9:45	0.0	0.0	9:45	0.0	0.0	-
9:46	0.0	0.0	9:46	0.0	0.0	-
9:47	0.0	0.0	9:47	0.0	0.0	-
9:48	0.0	0.0	9:48	0.0	0.0	-
9:49	0.0	0.0	9:49	0.0	0.0	-
9:50	0.0	0.0	9:50	0.0	0.0	-
9:51	0.0	0.0	9:51	0.0	0.0	-
9:52	0.0	0.0	9:52	0.0	0.0	-
9:53	0.0	0.0	9:53	0.0	0.0	-
9:54	0.0	0.0	9:54	0.0	0.0	-
9:55	0.0	0.0	9:55	0.0	0.0	-
9:56	0.0	0.0	9:56	0.0	0.0	-
9:57	0.0	0.0	9:57	0.0	0.0	-
9:58	0.0	0.0	9:58	0.0	0.0	-
9:59	0.0	0.0	9:59	0.0	0.0	-
10:00	0.0	0.0	10:00	0.0	0.0	-
10:01	0.0	0.0	10:01	0.0	0.0	-
10:02	0.0	0.0	10:02	0.0	0.0	-
10:03	0.0	0.0	10:03	0.0	0.0	-
10:04	0.0	0.0	10:04	0.0	0.0	-
10:05	0.0	0.0	10:05	0.0	0.0	-
10:06	0.0	0.0	10:06	0.0	0.0	-
10:07	0.0	0.0	10:07	0.0	0.0	-
10:08	0.0	0.0	10:08	0.0	0.0	-
10:09	0.0	0.0	10:09	0.0	0.0	-
10:10	0.0	0.0	10:10	0.0	0.0	-
10:11	0.0	0.0	10:11	0.0	0.0	-
10:12	0.0	0.0	10:12	0.0	0.0	-

CAMP Data
Sun Valley Nursery Filling Station Site
Ossining, New York
BCP No C360207
September 21, 2023

PID DATA						
Upwind			Downwind			Exceeds VOC Alarm Limit
Time	Concentration (ppm)	15-Min Avg Concentration (ppm)	Time	Concentration (ppm)	15-Min Avg Concentration (ppm)	
10:13	0.0	0.0	10:13	0.0	0.0	-
10:14	0.0	0.0	10:14	0.0	0.0	-
10:15	0.0	0.0	10:15	0.0	0.0	-
10:16	0.0	0.0	10:16	0.0	0.0	-
10:17	0.0	0.0	10:17	0.0	0.0	-
10:18	0.0	0.0	10:18	0.0	0.0	-
10:19	0.0	0.0	10:19	0.0	0.0	-
10:20	0.0	0.0	10:20	0.0	0.0	-
10:21	0.0	0.0	10:21	0.0	0.0	-
10:22	0.0	0.0	10:22	0.0	0.0	-
10:23	0.0	0.0	10:23	0.0	0.0	-
10:24	0.0	0.0	10:24	0.0	0.0	-
10:25	0.0	0.0	10:25	0.0	0.0	-
10:26	0.0	0.0	10:26	0.0	0.0	-
10:27	0.0	0.0	10:27	0.0	0.0	-
10:28	0.0	0.0	10:28	0.0	0.0	-
10:29	0.0	0.0	10:29	0.0	0.0	-
10:30	0.0	0.0	10:30	0.0	0.0	-
10:31	0.0	0.0	10:31	0.0	0.0	-
10:32	0.0	0.0	10:32	0.0	0.0	-
10:33	0.0	0.0	10:33	0.0	0.0	-
10:34	0.0	0.0	10:34	0.0	0.0	-
10:35	0.0	0.0	10:35	0.0	0.0	-
10:36	0.0	0.0	10:36	0.0	0.0	-
10:37	0.0	0.0	10:37	0.0	0.0	-
10:38	0.0	0.0	10:38	0.0	0.0	-
10:39	0.0	0.0	10:39	0.0	0.0	-
10:40	0.0	0.0	10:40	0.0	0.0	-
10:41	0.0	0.0	10:41	0.0	0.0	-
10:42	0.0	0.0	10:42	0.0	0.0	-
10:43	0.0	0.0	10:43	0.0	0.0	-
10:44	0.0	0.0	10:44	0.0	0.0	-
10:45	0.0	0.0	10:45	0.0	0.0	-
10:46	0.0	0.0	10:46	0.0	0.0	-
10:47	0.0	0.0	10:47	0.0	0.0	-
10:48	0.0	0.0	10:48	0.0	0.0	-
10:49	0.0	0.0	10:49	0.0	0.0	-
10:50	0.0	0.0	10:50	0.0	0.0	-
10:51	0.0	0.0	10:51	0.0	0.0	-
10:52	0.0	0.0	10:52	0.0	0.0	-
10:53	0.0	0.0	10:53	0.0	0.0	-
10:54	0.0	0.0	10:54	0.0	0.0	-
10:55	0.0	0.0	10:55	0.0	0.0	-
10:56	0.0	0.0	10:56	0.0	0.0	-
10:57	0.0	0.0	10:57	0.0	0.0	-
10:58	0.0	0.0	10:58	0.0	0.0	-
10:59	0.0	0.0	10:59	0.0	0.0	-
11:00	0.0	0.0	11:00	0.0	0.0	-

CAMP Data
Sun Valley Nursery Filling Station Site
Ossining, New York
BCP No C360207
September 21, 2023

PID DATA						
Upwind			Downwind			Exceeds VOC Alarm Limit
Time	Concentration (ppm)	15-Min Avg Concentration (ppm)	Time	Concentration (ppm)	15-Min Avg Concentration (ppm)	
11:01	0.0	0.0	11:01	0.0	0.0	-
11:02	0.0	0.0	11:02	0.0	0.0	-
11:03	0.0	0.0	11:03	0.0	0.0	-
11:04	0.0	0.0	11:04	0.0	0.0	-
11:05	0.0	0.0	11:05	0.0	0.0	-
11:06	0.0	0.0	11:06	0.0	0.0	-
11:07	0.0	0.0	11:07	0.0	0.0	-
11:08	0.0	0.0	11:08	0.0	0.0	-
11:09	0.0	0.0	11:09	0.0	0.0	-
11:10	0.0	0.0	11:10	0.0	0.0	-
11:11	0.0	0.0	11:11	0.0	0.0	-
11:12	0.0	0.0	11:12	0.0	0.0	-
11:13	0.0	0.0	11:13	0.0	0.0	-
11:14	0.0	0.0	11:14	0.0	0.0	-
11:15	0.0	0.0	11:15	0.0	0.0	-
11:16	0.0	0.0	11:16	0.0	0.0	-
11:17	0.0	0.0	11:17	0.0	0.0	-
11:18	0.0	0.0	11:18	0.0	0.0	-
11:19	0.0	0.0	11:19	0.0	0.0	-
11:20	0.0	0.0	11:20	0.0	0.0	-
11:21	0.0	0.0	11:21	0.0	0.0	-
11:22	0.0	0.0	11:22	0.0	0.0	-
11:23	0.0	0.0	11:23	0.0	0.0	-
11:24	0.0	0.0	11:24	0.0	0.0	-
11:25	0.0	0.0	11:25	0.0	0.0	-
11:26	0.0	0.0	11:26	0.0	0.0	-
11:27	0.0	0.0	11:27	0.0	0.0	-
11:28	0.0	0.0	11:28	0.0	0.0	-
11:29	0.0	0.0	11:29	0.0	0.0	-
11:30	0.0	0.0	11:30	0.0	0.0	-
11:31	0.0	0.0	11:31	0.0	0.0	-
11:32	0.0	0.0	11:32	0.0	0.0	-
11:33	0.0	0.0	11:33	0.0	0.0	-
11:34	0.0	0.0	11:34	0.0	0.0	-
11:35	0.0	0.0	11:35	0.0	0.0	-
11:36	0.0	0.0	11:36	0.0	0.0	-
11:37	0.0	0.0	11:37	0.0	0.0	-
11:38	0.0	0.0	11:38	0.0	0.0	-
11:39	0.0	0.0	11:39	0.0	0.0	-
11:40	0.0	0.0	11:40	0.0	0.0	-
11:41	0.0	0.0	11:41	0.0	0.0	-
11:42	0.0	0.0	11:42	0.0	0.0	-
11:43	0.0	0.0	11:43	0.0	0.0	-
11:44	0.0	0.0	11:44	0.0	0.0	-
11:45	0.0	0.0	11:45	0.0	0.0	-
11:46	0.0	0.0	11:46	0.0	0.0	-
11:47	0.0	0.0	11:47	0.0	0.0	-
11:48	0.0	0.0	11:48	0.0	0.0	-

CAMP Data
Sun Valley Nursery Filling Station Site
Ossining, New York
BCP No C360207
September 21, 2023

PID DATA						
Upwind			Downwind			Exceeds VOC Alarm Limit
Time	Concentration (ppm)	15-Min Avg Concentration (ppm)	Time	Concentration (ppm)	15-Min Avg Concentration (ppm)	
11:49	0.0	0.0	11:49	0.0	0.0	-
11:50	0.0	0.0	11:50	0.0	0.0	-
11:51	0.0	0.0	11:51	0.0	0.0	-
11:52	0.0	0.0	11:52	0.0	0.0	-
11:53	0.0	0.0	11:53	0.0	0.0	-
11:54	0.0	0.0	11:54	0.0	0.0	-
11:55	0.0	0.0	11:55	0.0	0.0	-
11:56	0.0	0.0	11:56	0.0	0.0	-
11:57	0.0	0.0	11:57	0.0	0.0	-
11:58	0.0	0.0	11:58	0.0	0.0	-
11:59	0.0	0.0	11:59	0.0	0.0	-
12:00	0.0	0.0	12:00	0.0	0.0	-
12:01	0.0	0.0	12:01	0.0	0.0	-
12:02	0.0	0.0	12:02	0.0	0.0	-
12:03	0.0	0.0	12:03	0.0	0.0	-
12:04	0.0	0.0	12:04	0.0	0.0	-
12:05	0.0	0.0	12:05	0.0	0.0	-
12:06	0.0	0.0	12:06	0.0	0.0	-
12:07	0.0	0.0	12:07	0.0	0.0	-
12:08	0.0	0.0	12:08	0.0	0.0	-
12:09	0.0	0.0	12:09	0.0	0.0	-
12:10	0.0	0.0	12:10	0.0	0.0	-
12:11	0.0	0.0	12:11	0.0	0.0	-
12:12	0.0	0.0	12:12	0.0	0.0	-
12:13	0.0	0.0	12:13	0.0	0.0	-
12:14	0.0	0.0	12:14	0.0	0.0	-
12:15	0.0	0.0	12:15	0.0	0.0	-
12:16	0.0	0.0	12:16	0.0	0.0	-
12:17	0.0	0.0	12:17	0.0	0.0	-
12:18	0.0	0.0	12:18	0.0	0.0	-
12:19	0.0	0.0	12:19	0.0	0.0	-
12:20	0.0	0.0	12:20	0.0	0.0	-
12:21	0.0	0.0	12:21	0.0	0.0	-
12:22	0.0	0.0	12:22	0.0	0.0	-
12:23	0.0	0.0	12:23	0.0	0.0	-
12:24	0.0	0.0	12:24	0.0	0.0	-
12:25	0.0	0.0	12:25	0.0	0.0	-
12:26	0.0	0.0	12:26	0.0	0.0	-
12:27	0.0	0.0	12:27	0.0	0.0	-
12:28	0.0	0.0	12:28	0.0	0.0	-
12:29	0.0	0.0	12:29	0.0	0.0	-
12:30	0.0	0.0	12:30	0.0	0.0	-
12:31	0.0	0.0	12:31	0.0	0.0	-
12:32	0.0	0.0	12:32	0.0	0.0	-
12:33	0.0	0.0	12:33	0.0	0.0	-
12:34	0.0	0.0	12:34	0.0	0.0	-
12:35	0.0	0.0	12:35	0.0	0.0	-
12:36	0.0	0.0	12:36	0.0	0.0	-

CAMP Data
Sun Valley Nursery Filling Station Site
Ossining, New York
BCP No C360207
September 21, 2023

PID DATA						
Upwind			Downwind			Exceeds VOC Alarm Limit
Time	Concentration (ppm)	15-Min Avg Concentration (ppm)	Time	Concentration (ppm)	15-Min Avg Concentration (ppm)	
12:37	0.0	0.0	12:37	0.0	0.0	-
12:38	0.0	0.0	12:38	0.0	0.0	-
12:39	0.0	0.0	12:39	0.0	0.0	-
12:40	0.0	0.0	12:40	0.0	0.0	-
12:41	0.0	0.0	12:41	0.0	0.0	-
12:42	0.0	0.0	12:42	0.0	0.0	-
12:43	0.0	0.0	12:43	0.0	0.0	-
12:44	0.0	0.0	12:44	0.0	0.0	-
12:45	0.0	0.0	12:45	0.0	0.0	-
12:46	0.0	0.0	12:46	0.0	0.0	-
12:47	0.0	0.0	12:47	0.0	0.0	-
12:48	0.0	0.0	12:48	0.0	0.0	-
12:49	0.0	0.0	12:49	0.0	0.0	-
12:50	0.0	0.0	12:50	0.0	0.0	-
12:51	0.0	0.0	12:51	0.0	0.0	-
12:52	0.0	0.0	12:52	0.0	0.0	-
12:53	0.0	0.0	12:53	0.0	0.0	-
12:54	0.0	0.0	12:54	0.0	0.0	-
12:55	0.0	0.0	12:55	0.0	0.0	-
12:56	0.0	0.0	12:56	0.0	0.0	-
12:57	0.0	0.0	12:57	0.0	0.0	-
12:58	0.0	0.0	12:58	0.0	0.0	-
12:59	0.0	0.0	12:59	0.0	0.0	-
13:00	0.0	0.0	13:00	0.0	0.0	-
13:01	0.0	0.0	13:01	0.0	0.0	-
13:02	0.0	0.0	13:02	0.0	0.0	-
13:03	0.0	0.0	13:03	0.0	0.0	-
13:04	0.0	0.0	13:04	0.0	0.0	-
13:05	0.0	0.0	13:05	0.0	0.0	-
13:06	0.0	0.0	13:06	0.0	0.0	-
13:07	0.0	0.0	13:07	0.0	0.0	-
13:08	0.0	0.0	13:08	0.0	0.0	-
13:09	0.0	0.0	13:09	0.0	0.0	-
13:10	0.0	0.0	13:10	0.0	0.0	-
13:11	0.0	0.0	13:11	0.0	0.0	-
13:12	0.0	0.0	13:12	0.0	0.0	-
13:13	0.0	0.0	13:13	0.0	0.0	-
13:14	0.0	0.0	13:14	0.0	0.0	-
13:15	0.0	0.0	13:15	0.0	0.0	-
13:16	0.0	0.0	13:16	0.0	0.0	-
13:17	0.0	0.0	13:17	0.0	0.0	-
13:18	0.0	0.0	13:18	0.0	0.0	-
13:19	0.0	0.0	13:19	0.0	0.0	-
13:20	0.0	0.0	13:20	0.0	0.0	-
13:21	0.0	0.0	13:21	0.0	0.0	-
13:22	0.0	0.0	13:22	0.0	0.0	-
13:23	0.0	0.0	13:23	0.0	0.0	-
13:24	0.0	0.0	13:24	0.0	0.0	-

CAMP Data
Sun Valley Nursery Filling Station Site
Ossining, New York
BCP No C360207
September 21, 2023

PID DATA						
Upwind			Downwind			Exceeds VOC Alarm Limit
Time	Concentration (ppm)	15-Min Avg Concentration (ppm)	Time	Concentration (ppm)	15-Min Avg Concentration (ppm)	
13:25	0.0	0.0	13:25	0.0	0.0	-
13:26	0.0	0.0	13:26	0.0	0.0	-
13:27	0.0	0.0	13:27	0.0	0.0	-
13:28	0.0	0.0	13:28	0.0	0.0	-
13:29	0.0	0.0	13:29	0.0	0.0	-
13:30	0.0	0.0	13:30	0.0	0.0	-
13:31	0.0	0.0	13:31	0.0	0.0	-
13:32	0.0	0.0	13:32	0.0	0.0	-
13:33	0.0	0.0	13:33	0.0	0.0	-
13:34	0.0	0.0	13:34	0.0	0.0	-
13:35	0.0	0.0	13:35	0.0	0.0	-
13:36	0.0	0.0	13:36	0.0	0.0	-
13:37	0.0	0.0	13:37	0.0	0.0	-
13:38	0.0	0.0	13:38	0.0	0.0	-
13:39	0.0	0.0	13:39	0.0	0.0	-
13:40	0.0	0.0	13:40	0.0	0.0	-
13:41	0.0	0.0	13:41	0.0	0.0	-
13:42	0.0	0.0	13:42	0.0	0.0	-
13:43	0.0	0.0	13:43	0.0	0.0	-
13:44	0.0	0.0	13:44	0.0	0.0	-
13:45	0.0	0.0	13:45	0.0	0.0	-
13:46	0.0	0.0	13:46	0.0	0.0	-
13:47	0.0	0.0	13:47	0.0	0.0	-
13:48	0.0	0.0	13:48	0.0	0.0	-
13:49	0.0	0.0	13:49	0.0	0.0	-
13:50	0.0	0.0	13:50	0.0	0.0	-
13:51	0.0	0.0	13:51	0.0	0.0	-
13:52	0.0	0.0	13:52	0.0	0.0	-
13:53	0.0	0.0	13:53	0.0	0.0	-
13:54	0.0	0.0	13:54	0.0	0.0	-
13:55	0.0	0.0	13:55	0.0	0.0	-
13:56	0.0	0.0	13:56	0.0	0.0	-
13:57	0.0	0.0	13:57	0.0	0.0	-
13:58	0.0	0.0	13:58	0.0	0.0	-
13:59	0.0	0.0	13:59	0.0	0.0	-
14:00	0.0	0.0	14:00	0.0	0.0	-
14:01	0.0	0.0	14:01	0.0	0.0	-
14:02	0.0	0.0	14:02	0.0	0.0	-
14:03	0.0	0.0	14:03	0.0	0.0	-
14:04	0.0	0.0	14:04	0.0	0.0	-
14:05	0.0	0.0	14:05	0.0	0.0	-
14:06	0.0	0.0	14:06	0.0	0.0	-
14:07	0.0	0.0	14:07	0.0	0.0	-
14:08	0.0	0.0	14:08	0.0	0.0	-
14:09	0.0	0.0	14:09	0.0	0.0	-
14:10	0.0	0.0	14:10	0.0	0.0	-
14:11	0.0	0.0	14:11	0.0	0.0	-
14:12	0.0	0.0	14:12	0.0	0.0	-

CAMP Data
Sun Valley Nursery Filling Station Site
Ossining, New York
BCP No C360207
September 21, 2023

PID DATA						
Upwind			Downwind			Exceeds VOC Alarm Limit
Time	Concentration (ppm)	15-Min Avg Concentration (ppm)	Time	Concentration (ppm)	15-Min Avg Concentration (ppm)	
14:13	0.0	0.0	14:13	0.0	0.0	-
14:14	0.0	0.0	14:14	0.0	0.0	-
14:15	0.0	0.0	14:15	0.0	0.0	-
14:16	0.0	0.0	14:16	0.0	0.0	-
14:17	0.0	0.0	14:17	0.0	0.0	-
14:18	0.0	0.0	14:18	0.0	0.0	-
14:19	0.0	0.0	14:19	0.0	0.0	-
14:20	0.0	0.0	14:20	0.0	0.0	-
14:21	0.0	0.0	14:21	0.0	0.0	-
14:22	0.0	0.0	14:22	0.0	0.0	-
14:23	0.0	0.0	14:23	0.0	0.0	-
14:24	0.0	0.0	14:24	0.0	0.0	-
14:25	0.0	0.0	14:25	0.0	0.0	-
14:26	0.0	0.0	14:26	0.0	0.0	-
14:27	0.0	0.0	14:27	0.0	0.0	-
14:28	0.0	0.0	14:28	0.0	0.0	-
14:29	0.0	0.0	14:29	0.0	0.0	-
14:30	0.0	0.0	14:30	0.0	0.0	-
14:31	0.0	0.0	14:31	0.0	0.0	-
14:32	0.0	0.0	14:32	0.0	0.0	-
14:33	0.0	0.0	14:33	0.0	0.0	-
14:34	0.0	0.0	14:34	0.0	0.0	-
14:35	0.0	0.0	14:35	0.0	0.0	-
14:36	0.0	0.0	14:36	0.0	0.0	-
14:37	0.0	0.0	14:37	0.0	0.0	-
14:38	0.0	0.0	14:38	0.0	0.0	-
14:39	0.0	0.0	14:39	0.0	0.0	-
14:40	0.0	0.0	14:40	0.0	0.0	-
14:41	0.0	0.0	14:41	0.0	0.0	-
14:42	0.0	0.0	14:42	0.0	0.0	-
14:43	0.0	0.0	14:43	0.0	0.0	-
14:44	0.0	0.0	14:44	0.0	0.0	-
14:45	0.0	0.0	14:45	0.0	0.0	-



959 US-46 Floor 3, Suite 300 - Parsippany-Troy Hills, NJ

DAILY AIR MONITORING REPORT

136-140 Croton Avenue

Ossining, New York

09/26/2023

Rev. No. 0

Page 1 of 2

Project Number: 12060

Dust Action Level

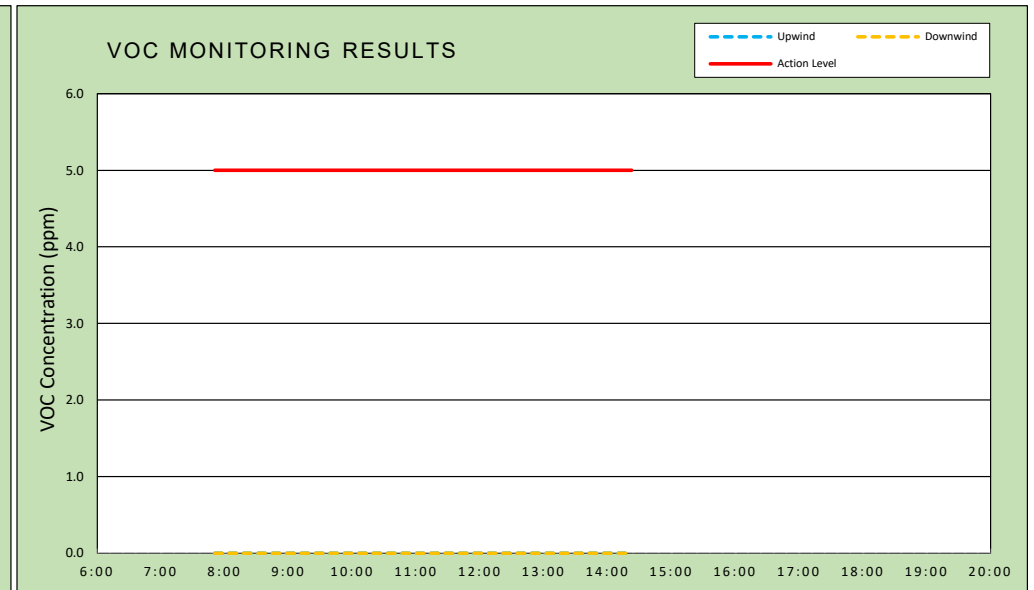
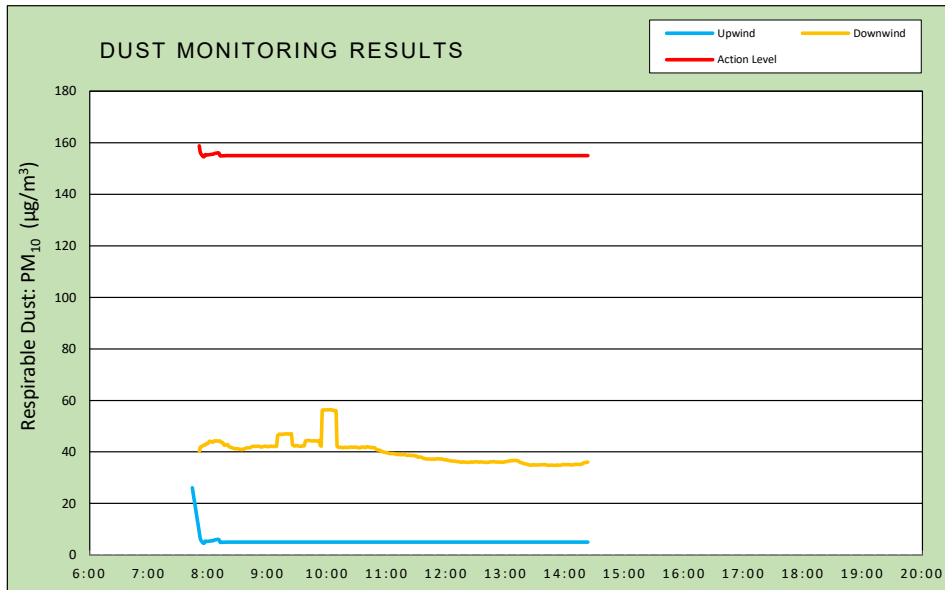
150 $\mu\text{g}/\text{m}^3$

VOC Action Level

5 ppm

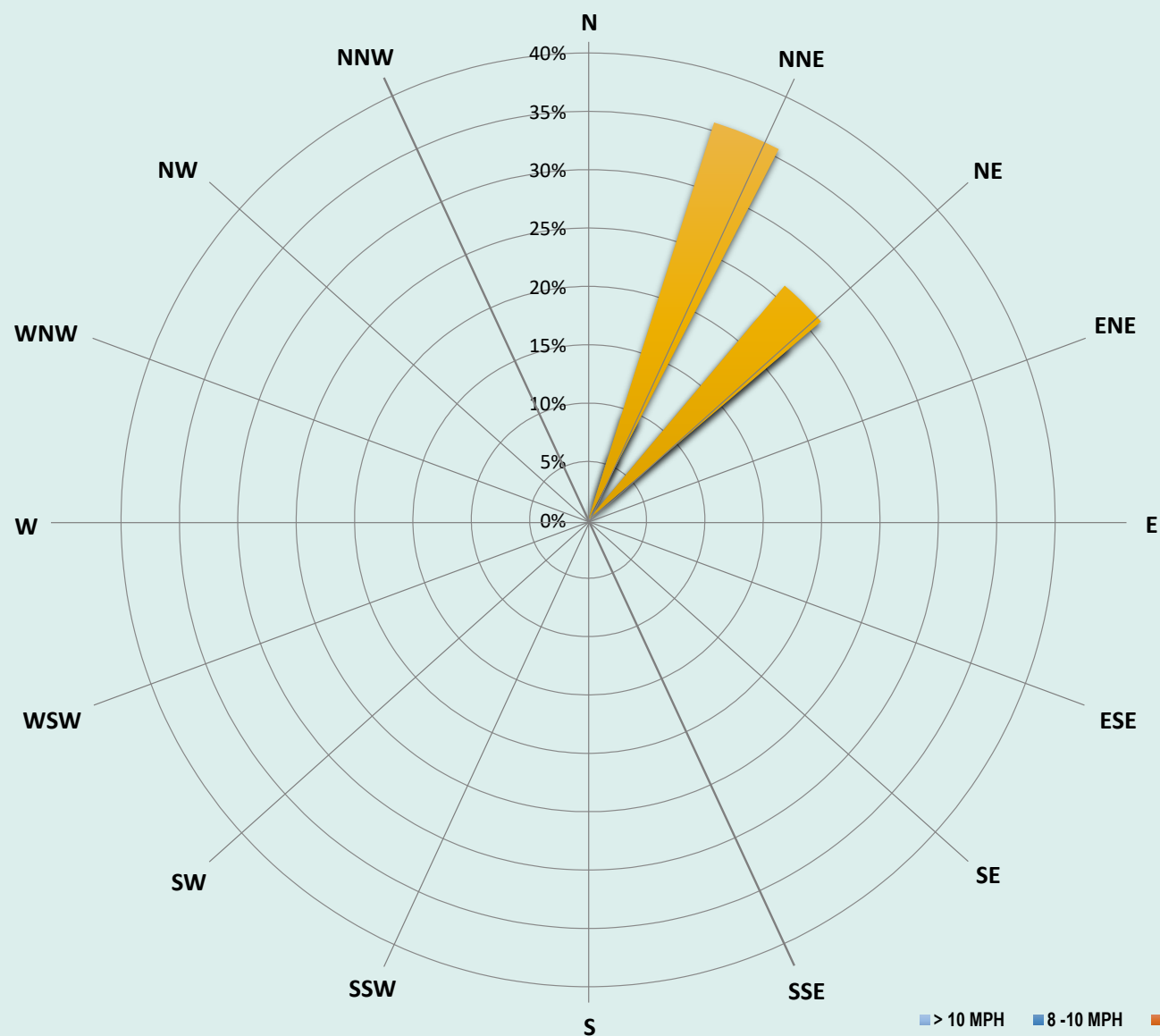
Weather Data Range for Work Day		Wind Direction	NNE	Relative Humidity (%)	74.0 - 96.0	Daily Rain Total (in)	0.02	Readings in the summary table and graphs below are the reported downwind concentrations.
Temperature (°F)	55.0 - 62.0	Wind Speed (MPH)	3.0 - 8.7	Barometer (inHg)	30.30 - 30.40	Avg. Dew Point Temp (°F)	54.5	

Station Location	Daily Avg. Dust Concentration ($\mu\text{g}/\text{m}^3$)	Max 15-Min Dust Concentration ($\mu\text{g}/\text{m}^3$)	Time of Max Dust Reading	Daily Avg. VOC Concentration (ppm)	Max 15-Min VOC Concentration (ppm)	Time of Max VOC Reading
Upwind	5.8	26.1	7:44	0.0	0.0	7:51
Downwind	39.8	56.4	10:01	0.0	0.0	7:51



Air Monitoring Notes:

Weather Notes:



CAMP Data
Sun Valley Nursery Filling Station Site
Ossining, New York
BCP No C360207
September 26, 2023

Tuesday, September 26, 2023						
Number of Instances Where Downwind Particulates Exceeds Upwind Particulate + 150 =						0
Number of Comparable Data Points =						393
Start Time:						7:29
End Time:						14:23
PARTICULATE DATA						
Upwind			Downwind			Exceeds Particulate Alarm Limit
Time	Concentration (ug/m ³)	15-Min Avg Concentration (ug/m ³)	Time	Concentration (ug/m ³)	15-Min Avg Concentration (ug/m ³)	
7:29	22.0	-	7:29	-	-	-
7:30	42.5	-	7:30	-	-	-
7:31	40.5	-	7:31	-	-	-
7:32	40.5	-	7:32	-	-	-
7:33	41.0	-	7:33	-	-	-
7:34	41.5	-	7:34	-	-	-
7:35	39.8	-	7:35	-	-	-
7:36	40.5	-	7:36	12.5	-	-
7:37	39.5	-	7:37	21.3	-	-
7:38	16.0	-	7:38	39.3	-	-
7:39	12.5	-	7:39	39.3	-	-
7:40	9.8	-	7:40	40.3	-	-
7:41	8.3	-	7:41	39.3	-	-
7:42	7.8	-	7:42	40.5	-	-
7:43	6.5	-	7:43	41.3	-	-
7:44	5.0	26.1	7:44	41.0	-	-
7:45	4.0	23.5	7:45	40.8	-	-
7:46	4.5	21.1	7:46	46.0	-	-
7:47	3.8	18.7	7:47	41.5	-	-
7:48	3.5	16.2	7:48	42.8	-	-
7:49	4.3	13.7	7:49	42.5	-	-
7:50	4.8	11.4	7:50	45.3	-	-
7:51	2.0	8.8	7:51	42.5	40.2	-
7:52	3.0	6.4	7:52	44.5	41.8	-
7:53	4.0	5.6	7:53	43.0	42.0	-
7:54	4.0	5.0	7:54	42.8	42.3	-
7:55	4.0	4.6	7:55	43.8	42.5	-
7:56	8.3	4.6	7:56	41.8	42.7	-
7:57	19.3	5.4	7:57	41.5	42.7	-
7:58	4.8	5.3	7:58	48.3	43.2	-
7:59	5.0	5.3	7:59	42.0	43.3	-
8:00	5.0	5.3	8:00	43.3	43.4	-
8:01	4.8	5.4	8:01	56.0	44.1	-
8:02	4.8	5.4	8:02	42.0	44.1	-
8:03	4.5	5.5	8:03	41.0	44.0	-
8:04	5.0	5.5	8:04	40.3	43.9	-
8:05	5.0	5.6	8:05	44.5	43.8	-
8:06	5.0	5.8	8:06	49.8	44.3	-
8:07	5.0	5.9	8:07	43.8	44.2	-
8:08	5.0	6.0	8:08	43.5	44.3	-
8:09	5.0	6.0	8:09	42.5	44.3	-

CAMP Data
Sun Valley Nursery Filling Station Site
Ossining, New York
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PARTICULATE DATA						
Upwind			Downwind			Exceeds Particulate Alarm Limit
Time	Concentration (ug/m ³)	15-Min Avg Concentration (ug/m ³)	Time	Concentration (ug/m ³)	15-Min Avg Concentration (ug/m ³)	
8:10	5.0	6.1	8:10	42.5	44.2	-
8:11	5.0	5.9	8:11	43.0	44.3	-
8:12	5.0	4.9	8:12	41.0	44.2	-
8:13	5.0	4.9	8:13	41.5	43.8	-
8:14	5.0	4.9	8:14	40.3	43.7	-
8:15	5.0	4.9	8:15	40.5	43.5	-
8:16	5.0	5.0	8:16	43.5	42.6	-
8:17	5.0	5.0	8:17	43.0	42.7	-
8:18	5.0	5.0	8:18	41.0	42.7	-
8:19	5.0	5.0	8:19	42.8	42.9	-
8:20	5.0	5.0	8:20	41.8	42.7	-
8:21	5.0	5.0	8:21	40.3	42.1	-
8:22	5.0	5.0	8:22	41.5	41.9	-
8:23	5.0	5.0	8:23	41.0	41.7	-
8:24	5.0	5.0	8:24	40.8	41.6	-
8:25	5.0	5.0	8:25	40.5	41.5	-
8:26	5.0	5.0	8:26	40.8	41.3	-
8:27	5.0	5.0	8:27	40.5	41.3	-
8:28	5.0	5.0	8:28	40.5	41.2	-
8:29	5.0	5.0	8:29	40.5	41.3	-
8:30	5.0	5.0	8:30	40.8	41.3	-
8:31	5.0	5.0	8:31	41.3	41.1	-
8:32	5.0	5.0	8:32	41.3	41.0	-
8:33	5.0	5.0	8:33	41.3	41.0	-
8:34	5.0	5.0	8:34	41.3	40.9	-
8:35	5.0	5.0	8:35	43.0	41.0	-
8:36	5.0	5.0	8:36	43.0	41.2	-
8:37	5.0	5.0	8:37	42.5	41.3	-
8:38	5.0	5.0	8:38	44.5	41.5	-
8:39	5.0	5.0	8:39	41.8	41.6	-
8:40	5.0	5.0	8:40	41.3	41.6	-
8:41	5.0	5.0	8:41	40.3	41.6	-
8:42	5.0	5.0	8:42	41.3	41.6	-
8:43	5.0	5.0	8:43	43.0	41.8	-
8:44	5.0	5.0	8:44	44.5	42.1	-
8:45	5.0	5.0	8:45	43.0	42.2	-
8:46	5.0	5.0	8:46	40.8	42.2	-
8:47	5.0	5.0	8:47	41.3	42.2	-
8:48	5.0	5.0	8:48	41.0	42.2	-
8:49	5.0	5.0	8:49	42.3	42.2	-
8:50	5.0	5.0	8:50	43.0	42.2	-
8:51	5.0	5.0	8:51	42.8	42.2	-
8:52	5.0	5.0	8:52	41.0	42.1	-
8:53	5.0	5.0	8:53	41.8	41.9	-
8:54	5.0	5.0	8:54	41.8	41.9	-
8:55	5.0	5.0	8:55	43.0	42.0	-
8:56	5.0	5.0	8:56	42.0	42.2	-

CAMP Data
Sun Valley Nursery Filling Station Site
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PARTICULATE DATA						
Upwind			Downwind			Exceeds Particulate Alarm Limit
Time	Concentration (ug/m ³)	15-Min Avg Concentration (ug/m ³)	Time	Concentration (ug/m ³)	15-Min Avg Concentration (ug/m ³)	
8:57	5.0	5.0	8:57	42.3	42.2	-
8:58	5.0	5.0	8:58	43.0	42.2	-
8:59	5.0	5.0	8:59	43.0	42.1	-
9:00	5.0	5.0	9:00	41.5	42.0	-
9:01	5.0	5.0	9:01	42.5	42.1	-
9:02	5.0	5.0	9:02	41.5	42.2	-
9:03	5.0	5.0	9:03	42.5	42.3	-
9:04	5.0	5.0	9:04	41.8	42.2	-
9:05	5.0	5.0	9:05	42.0	42.2	-
9:06	5.0	5.0	9:06	42.5	42.1	-
9:07	5.0	5.0	9:07	41.8	42.2	-
9:08	5.0	5.0	9:08	42.0	42.2	-
9:09	5.0	5.0	9:09	41.3	42.2	-
9:10	5.0	5.0	9:10	104.5	46.3	-
9:11	5.0	5.0	9:11	47.8	46.7	-
9:12	5.0	5.0	9:12	46.0	46.9	-
9:13	5.0	5.0	9:13	42.3	46.9	-
9:14	5.0	5.0	9:14	41.0	46.7	-
9:15	5.0	5.0	9:15	43.5	46.9	-
9:16	5.0	5.0	9:16	43.5	46.9	-
9:17	5.0	5.0	9:17	42.0	47.0	-
9:18	5.0	5.0	9:18	42.8	47.0	-
9:19	5.0	5.0	9:19	42.8	47.0	-
9:20	5.0	5.0	9:20	41.0	47.0	-
9:21	5.0	5.0	9:21	42.3	47.0	-
9:22	5.0	5.0	9:22	41.5	46.9	-
9:23	5.0	5.0	9:23	41.8	46.9	-
9:24	5.0	5.0	9:24	43.0	47.0	-
9:25	5.0	5.0	9:25	41.8	42.9	-
9:26	5.0	5.0	9:26	42.8	42.5	-
9:27	5.0	5.0	9:27	42.5	42.3	-
9:28	5.0	5.0	9:28	43.5	42.4	-
9:29	5.0	5.0	9:29	42.8	42.5	-
9:30	5.0	5.0	9:30	42.3	42.4	-
9:31	5.0	5.0	9:31	41.5	42.3	-
9:32	5.0	5.0	9:32	41.8	42.3	-
9:33	5.0	5.0	9:33	41.8	42.2	-
9:34	5.0	5.0	9:34	43.0	42.2	-
9:35	5.0	5.0	9:35	42.8	42.3	-
9:36	5.0	5.0	9:36	42.8	42.4	-
9:37	5.0	5.0	9:37	42.3	42.4	-
9:38	5.0	5.0	9:38	68.5	44.2	-
9:39	5.0	5.0	9:39	45.5	44.4	-
9:40	5.0	5.0	9:40	42.8	44.4	-
9:41	5.0	5.0	9:41	42.8	44.4	-
9:42	5.0	5.0	9:42	42.8	44.4	-
9:43	5.0	5.0	9:43	42.3	44.4	-

CAMP Data
Sun Valley Nursery Filling Station Site
Ossining, New York
BCP No C360207
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PARTICULATE DATA						
Upwind			Downwind			Exceeds Particulate Alarm Limit
Time	Concentration (ug/m ³)	15-Min Avg Concentration (ug/m ³)	Time	Concentration (ug/m ³)	15-Min Avg Concentration (ug/m ³)	
9:44	5.0	5.0	9:44	41.8	44.3	-
9:45	5.0	5.0	9:45	42.0	44.3	-
9:46	5.0	5.0	9:46	41.8	44.3	-
9:47	5.0	5.0	9:47	42.5	44.3	-
9:48	5.0	5.0	9:48	41.3	44.3	-
9:49	5.0	5.0	9:49	41.5	44.2	-
9:50	5.0	5.0	9:50	43.8	44.3	-
9:51	5.0	5.0	9:51	42.3	44.2	-
9:52	5.0	5.0	9:52	44.0	44.4	-
9:53	5.0	5.0	9:53	42.0	42.6	-
9:54	5.0	5.0	9:54	41.3	42.3	-
9:55	5.0	5.0	9:55	248.3	56.0	-
9:56	5.0	5.0	9:56	47.5	56.3	-
9:57	5.0	5.0	9:57	42.5	56.3	-
9:58	5.0	5.0	9:58	41.8	56.3	-
9:59	5.0	5.0	9:59	42.5	56.3	-
10:00	5.0	5.0	10:00	42.0	56.3	-
10:01	5.0	5.0	10:01	42.8	56.4	-
10:02	5.0	5.0	10:02	41.8	56.3	-
10:03	5.0	5.0	10:03	41.3	56.3	-
10:04	5.0	5.0	10:04	42.0	56.4	-
10:05	5.0	5.0	10:05	41.8	56.2	-
10:06	5.0	5.0	10:06	42.3	56.2	-
10:07	5.0	5.0	10:07	41.0	56.0	-
10:08	5.0	5.0	10:08	40.8	56.0	-
10:09	5.0	5.0	10:09	41.8	56.0	-
10:10	5.0	5.0	10:10	42.3	42.3	-
10:11	5.0	5.0	10:11	42.0	41.9	-
10:12	5.0	5.0	10:12	41.3	41.8	-
10:13	5.0	5.0	10:13	41.8	41.8	-
10:14	5.0	5.0	10:14	42.0	41.8	-
10:15	5.0	5.0	10:15	40.8	41.7	-
10:16	5.0	5.0	10:16	42.3	41.7	-
10:17	5.0	5.0	10:17	42.5	41.7	-
10:18	5.0	5.0	10:18	42.5	41.8	-
10:19	5.0	5.0	10:19	42.0	41.8	-
10:20	5.0	5.0	10:20	40.8	41.7	-
10:21	5.0	5.0	10:21	42.5	41.7	-
10:22	5.0	5.0	10:22	41.0	41.7	-
10:23	5.0	5.0	10:23	42.5	41.9	-
10:24	5.0	5.0	10:24	42.3	41.9	-
10:25	5.0	5.0	10:25	41.5	41.8	-
10:26	5.0	5.0	10:26	41.8	41.8	-
10:27	5.0	5.0	10:27	41.5	41.8	-
10:28	5.0	5.0	10:28	42.0	41.9	-
10:29	5.0	5.0	10:29	41.8	41.8	-
10:30	5.0	5.0	10:30	40.5	41.8	-

CAMP Data
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PARTICULATE DATA						
Upwind			Downwind			Exceeds Particulate Alarm Limit
Time	Concentration (ug/m ³)	15-Min Avg Concentration (ug/m ³)	Time	Concentration (ug/m ³)	15-Min Avg Concentration (ug/m ³)	
10:31	5.0	5.0	10:31	40.3	41.7	-
10:32	5.0	5.0	10:32	41.8	41.6	-
10:33	5.0	5.0	10:33	41.3	41.6	-
10:34	5.0	5.0	10:34	45.3	41.8	-
10:35	5.0	5.0	10:35	42.8	41.9	-
10:36	5.0	5.0	10:36	42.0	41.9	-
10:37	5.0	5.0	10:37	40.5	41.8	-
10:38	5.0	5.0	10:38	41.0	41.7	-
10:39	5.0	5.0	10:39	43.0	41.8	-
10:40	5.0	5.0	10:40	45.3	42.0	-
10:41	5.0	5.0	10:41	40.5	42.0	-
10:42	5.0	5.0	10:42	40.5	41.9	-
10:43	5.0	5.0	10:43	41.0	41.8	-
10:44	5.0	5.0	10:44	39.5	41.7	-
10:45	5.0	5.0	10:45	41.3	41.7	-
10:46	5.0	5.0	10:46	40.3	41.7	-
10:47	5.0	5.0	10:47	40.5	41.6	-
10:48	5.0	5.0	10:48	40.5	41.6	-
10:49	5.0	5.0	10:49	39.8	41.2	-
10:50	5.0	5.0	10:50	38.8	41.0	-
10:51	5.0	5.0	10:51	39.5	40.8	-
10:52	5.0	5.0	10:52	39.8	40.7	-
10:53	5.0	5.0	10:53	40.3	40.7	-
10:54	5.0	5.0	10:54	40.5	40.5	-
10:55	5.0	5.0	10:55	40.5	40.2	-
10:56	5.0	5.0	10:56	38.8	40.1	-
10:57	5.0	5.0	10:57	38.5	40.0	-
10:58	5.0	5.0	10:58	39.0	39.8	-
10:59	5.0	5.0	10:59	39.5	39.8	-
11:00	5.0	5.0	11:00	39.0	39.7	-
11:01	5.0	5.0	11:01	39.3	39.6	-
11:02	5.0	5.0	11:02	39.3	39.5	-
11:03	5.0	5.0	11:03	38.8	39.4	-
11:04	5.0	5.0	11:04	38.8	39.3	-
11:05	5.0	5.0	11:05	40.0	39.4	-
11:06	5.0	5.0	11:06	39.0	39.4	-
11:07	5.0	5.0	11:07	39.0	39.3	-
11:08	5.0	5.0	11:08	39.5	39.3	-
11:09	5.0	5.0	11:09	38.5	39.2	-
11:10	5.0	5.0	11:10	38.8	39.0	-
11:11	5.0	5.0	11:11	38.5	39.0	-
11:12	5.0	5.0	11:12	38.5	39.0	-
11:13	5.0	5.0	11:13	38.8	39.0	-
11:14	5.0	5.0	11:14	38.8	39.0	-
11:15	5.0	5.0	11:15	37.8	38.9	-
11:16	5.0	5.0	11:16	43.3	39.1	-
11:17	5.0	5.0	11:17	37.8	39.0	-

CAMP Data
Sun Valley Nursery Filling Station Site
Ossining, New York
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PARTICULATE DATA						
Upwind			Downwind			Exceeds Particulate Alarm Limit
Time	Concentration (ug/m ³)	15-Min Avg Concentration (ug/m ³)	Time	Concentration (ug/m ³)	15-Min Avg Concentration (ug/m ³)	
11:18	5.0	5.0	11:18	37.8	39.0	-
11:19	5.0	5.0	11:19	37.0	38.9	-
11:20	5.0	5.0	11:20	38.3	38.7	-
11:21	5.0	5.0	11:21	38.3	38.7	-
11:22	5.0	5.0	11:22	40.0	38.8	-
11:23	5.0	5.0	11:23	38.3	38.7	-
11:24	5.0	5.0	11:24	38.5	38.7	-
11:25	5.0	5.0	11:25	38.0	38.6	-
11:26	5.0	5.0	11:26	39.0	38.7	-
11:27	5.0	5.0	11:27	38.3	38.6	-
11:28	5.0	5.0	11:28	37.8	38.6	-
11:29	5.0	5.0	11:29	37.3	38.5	-
11:30	5.0	5.0	11:30	37.8	38.5	-
11:31	5.0	5.0	11:31	36.3	38.0	-
11:32	5.0	5.0	11:32	38.5	38.1	-
11:33	5.0	5.0	11:33	37.0	38.0	-
11:34	5.0	5.0	11:34	37.3	38.0	-
11:35	5.0	5.0	11:35	36.8	37.9	-
11:36	5.0	5.0	11:36	36.0	37.8	-
11:37	5.0	5.0	11:37	36.5	37.5	-
11:38	5.0	5.0	11:38	37.0	37.5	-
11:39	5.0	5.0	11:39	37.0	37.4	-
11:40	5.0	5.0	11:40	37.8	37.3	-
11:41	5.0	5.0	11:41	37.8	37.3	-
11:42	5.0	5.0	11:42	37.8	37.2	-
11:43	5.0	5.0	11:43	38.8	37.3	-
11:44	5.0	5.0	11:44	36.5	37.2	-
11:45	5.0	5.0	11:45	36.8	37.2	-
11:46	5.0	5.0	11:46	37.8	37.3	-
11:47	5.0	5.0	11:47	37.3	37.2	-
11:48	5.0	5.0	11:48	36.8	37.2	-
11:49	5.0	5.0	11:49	38.0	37.2	-
11:50	5.0	5.0	11:50	37.3	37.3	-
11:51	5.0	5.0	11:51	37.3	37.3	-
11:52	5.0	5.0	11:52	36.8	37.4	-
11:53	5.0	5.0	11:53	36.3	37.3	-
11:54	5.0	5.0	11:54	36.8	37.3	-
11:55	5.0	5.0	11:55	37.0	37.2	-
11:56	5.0	5.0	11:56	37.8	37.2	-
11:57	5.0	5.0	11:57	36.0	37.1	-
11:58	5.0	5.0	11:58	36.8	37.0	-
11:59	5.0	5.0	11:59	36.0	37.0	-
12:00	5.0	5.0	12:00	36.8	37.0	-
12:01	5.0	5.0	12:01	36.0	36.8	-
12:02	5.0	5.0	12:02	35.5	36.7	-
12:03	5.0	5.0	12:03	36.3	36.7	-
12:04	5.0	5.0	12:04	36.0	36.6	-

CAMP Data
Sun Valley Nursery Filling Station Site
Ossining, New York
BCP No C360207
September 26, 2023

PARTICULATE DATA						
Upwind			Downwind			Exceeds Particulate Alarm Limit
Time	Concentration (ug/m ³)	15-Min Avg Concentration (ug/m ³)	Time	Concentration (ug/m ³)	15-Min Avg Concentration (ug/m ³)	
12:05	5.0	5.0	12:05	37.3	36.6	-
12:06	5.0	5.0	12:06	35.8	36.5	-
12:07	5.0	5.0	12:07	37.0	36.5	-
12:08	5.0	5.0	12:08	35.8	36.4	-
12:09	5.0	5.0	12:09	36.3	36.4	-
12:10	5.0	5.0	12:10	35.5	36.3	-
12:11	5.0	5.0	12:11	37.0	36.3	-
12:12	5.0	5.0	12:12	36.0	36.3	-
12:13	5.0	5.0	12:13	35.8	36.2	-
12:14	5.0	5.0	12:14	34.5	36.1	-
12:15	5.0	5.0	12:15	35.8	36.0	-
12:16	5.0	5.0	12:16	36.3	36.0	-
12:17	5.0	5.0	12:17	36.3	36.1	-
12:18	5.0	5.0	12:18	36.0	36.1	-
12:19	5.0	5.0	12:19	36.3	36.1	-
12:20	5.0	5.0	12:20	35.5	36.0	-
12:21	5.0	5.0	12:21	35.8	36.0	-
12:22	5.0	5.0	12:22	37.0	36.0	-
12:23	5.0	5.0	12:23	36.0	36.0	-
12:24	5.0	5.0	12:24	37.0	36.0	-
12:25	5.0	5.0	12:25	37.3	36.2	-
12:26	5.0	5.0	12:26	35.3	36.0	-
12:27	5.0	5.0	12:27	36.3	36.1	-
12:28	5.0	5.0	12:28	36.3	36.1	-
12:29	5.0	5.0	12:29	36.0	36.2	-
12:30	5.0	5.0	12:30	36.0	36.2	-
12:31	5.0	5.0	12:31	35.5	36.2	-
12:32	5.0	5.0	12:32	35.8	36.1	-
12:33	5.0	5.0	12:33	35.0	36.1	-
12:34	5.0	5.0	12:34	36.5	36.1	-
12:35	5.0	5.0	12:35	36.8	36.2	-
12:36	5.0	5.0	12:36	35.3	36.1	-
12:37	5.0	5.0	12:37	36.0	36.1	-
12:38	5.0	5.0	12:38	35.8	36.0	-
12:39	5.0	5.0	12:39	36.5	36.0	-
12:40	5.0	5.0	12:40	35.8	35.9	-
12:41	5.0	5.0	12:41	36.0	36.0	-
12:42	5.0	5.0	12:42	37.0	36.0	-
12:43	5.0	5.0	12:43	35.8	36.0	-
12:44	5.0	5.0	12:44	38.0	36.1	-
12:45	5.0	5.0	12:45	37.0	36.2	-
12:46	5.0	5.0	12:46	35.5	36.2	-
12:47	5.0	5.0	12:47	36.3	36.2	-
12:48	5.0	5.0	12:48	36.3	36.3	-
12:49	5.0	5.0	12:49	35.0	36.2	-
12:50	5.0	5.0	12:50	35.3	36.1	-
12:51	5.0	5.0	12:51	35.0	36.1	-

CAMP Data
Sun Valley Nursery Filling Station Site
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PARTICULATE DATA						
Upwind			Downwind			Exceeds Particulate Alarm Limit
Time	Concentration (ug/m ³)	15-Min Avg Concentration (ug/m ³)	Time	Concentration (ug/m ³)	15-Min Avg Concentration (ug/m ³)	
12:52	5.0	5.0	12:52	36.0	36.1	-
12:53	5.0	5.0	12:53	36.0	36.1	-
12:54	5.0	5.0	12:54	35.8	36.0	-
12:55	5.0	5.0	12:55	36.0	36.1	-
12:56	5.0	5.0	12:56	36.0	36.1	-
12:57	5.0	5.0	12:57	36.0	36.0	-
12:58	5.0	5.0	12:58	36.8	36.1	-
12:59	5.0	5.0	12:59	39.3	36.1	-
13:00	5.0	5.0	13:00	37.5	36.2	-
13:01	5.0	5.0	13:01	37.3	36.3	-
13:02	5.0	5.0	13:02	37.0	36.3	-
13:03	5.0	5.0	13:03	37.0	36.4	-
13:04	5.0	5.0	13:04	36.8	36.5	-
13:05	5.0	5.0	13:05	36.5	36.6	-
13:06	5.0	5.0	13:06	36.3	36.7	-
13:07	5.0	5.0	13:07	34.5	36.6	-
13:08	5.0	5.0	13:08	38.0	36.7	-
13:09	5.0	5.0	13:09	35.5	36.7	-
13:10	5.0	5.0	13:10	36.3	36.7	-
13:11	5.0	5.0	13:11	35.5	36.7	-
13:12	5.0	5.0	13:12	34.3	36.6	-
13:13	5.0	5.0	13:13	35.3	36.5	-
13:14	5.0	5.0	13:14	34.3	36.1	-
13:15	5.0	5.0	13:15	35.0	36.0	-
13:16	5.0	5.0	13:16	35.5	35.8	-
13:17	5.0	5.0	13:17	34.8	35.7	-
13:18	5.0	5.0	13:18	35.3	35.6	-
13:19	5.0	5.0	13:19	35.3	35.5	-
13:20	5.0	5.0	13:20	34.5	35.3	-
13:21	5.0	5.0	13:21	35.3	35.3	-
13:22	5.0	5.0	13:22	34.0	35.2	-
13:23	5.0	5.0	13:23	35.0	35.0	-
13:24	5.0	5.0	13:24	34.3	35.0	-
13:25	5.0	5.0	13:25	35.0	34.9	-
13:26	5.0	5.0	13:26	35.5	34.9	-
13:27	5.0	5.0	13:27	36.5	35.0	-
13:28	5.0	5.0	13:28	34.3	35.0	-
13:29	5.0	5.0	13:29	34.8	35.0	-
13:30	5.0	5.0	13:30	34.5	35.0	-
13:31	5.0	5.0	13:31	35.5	35.0	-
13:32	5.0	5.0	13:32	34.8	35.0	-
13:33	5.0	5.0	13:33	35.0	34.9	-
13:34	5.0	5.0	13:34	35.3	34.9	-
13:35	5.0	5.0	13:35	36.3	35.1	-
13:36	5.0	5.0	13:36	35.0	35.0	-
13:37	5.0	5.0	13:37	34.3	35.1	-
13:38	5.0	5.0	13:38	35.0	35.1	-

CAMP Data
Sun Valley Nursery Filling Station Site
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September 26, 2023

PARTICULATE DATA						
Upwind			Downwind			Exceeds Particulate Alarm Limit
Time	Concentration (ug/m ³)	15-Min Avg Concentration (ug/m ³)	Time	Concentration (ug/m ³)	15-Min Avg Concentration (ug/m ³)	
13:39	5.0	5.0	13:39	34.5	35.1	-
13:40	5.0	5.0	13:40	35.3	35.1	-
13:41	5.0	5.0	13:41	34.0	35.0	-
13:42	5.0	5.0	13:42	34.3	34.8	-
13:43	5.0	5.0	13:43	34.3	34.8	-
13:44	5.0	5.0	13:44	34.0	34.8	-
13:45	5.0	5.0	13:45	35.8	34.9	-
13:46	5.0	5.0	13:46	35.8	34.9	-
13:47	5.0	5.0	13:47	34.8	34.9	-
13:48	5.0	5.0	13:48	34.0	34.8	-
13:49	5.0	5.0	13:49	35.3	34.8	-
13:50	5.0	5.0	13:50	35.5	34.8	-
13:51	5.0	5.0	13:51	35.8	34.8	-
13:52	5.0	5.0	13:52	35.5	34.9	-
13:53	5.0	5.0	13:53	34.5	34.9	-
13:54	5.0	5.0	13:54	34.5	34.9	-
13:55	5.0	5.0	13:55	34.8	34.8	-
13:56	5.0	5.0	13:56	35.0	34.9	-
13:57	5.0	5.0	13:57	36.0	35.0	-
13:58	5.0	5.0	13:58	35.3	35.1	-
13:59	5.0	5.0	13:59	34.5	35.1	-
14:00	5.0	5.0	14:00	35.3	35.1	-
14:01	5.0	5.0	14:01	35.0	35.0	-
14:02	5.0	5.0	14:02	35.5	35.1	-
14:03	5.0	5.0	14:03	34.3	35.1	-
14:04	5.0	5.0	14:04	35.0	35.1	-
14:05	5.0	5.0	14:05	34.5	35.0	-
14:06	5.0	5.0	14:06	35.3	35.0	-
14:07	5.0	5.0	14:07	35.0	35.0	-
14:08	5.0	5.0	14:08	35.5	35.0	-
14:09	5.0	5.0	14:09	35.3	35.1	-
14:10	5.0	5.0	14:10	36.5	35.2	-
14:11	5.0	5.0	14:11	35.8	35.2	-
14:12	5.0	5.0	14:12	35.3	35.2	-
14:13	5.0	5.0	14:13	35.0	35.2	-
14:14	5.0	5.0	14:14	34.8	35.2	-
14:15	5.0	5.0	14:15	35.0	35.2	-
14:16	5.0	5.0	14:16	35.3	35.2	-
14:17	5.0	5.0	14:17	36.5	35.3	-
14:18	5.0	5.0	14:18	39.8	35.6	-
14:19	5.0	5.0	14:19	36.5	35.7	-
14:20	5.0	5.0	14:20	36.0	35.8	-
14:21	5.0	5.0	14:21	37.0	35.9	-
14:22	5.0	5.0	14:22	36.3	36.0	-
14:23	5.0	5.0	14:23	36.0	36.1	-

CAMP Data
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Tuesday, September 26, 2023						
Number of Instances Where Downwind VOCs Exceeds Upwind VOCs + 5 =						0
Number of Comparable Data Points =						393
Start Time:						7:36
End Time:						14:23
PID DATA						
Upwind			Downwind			Exceeds VOC Alarm Limit
Time	Concentration (ppm)	15-Min Avg Concentration (ppm)	Time	Concentration (ppm)	15-Min Avg Concentration (ppm)	
7:36	0.0	-	7:36	0.0	-	-
7:37	0.0	-	7:37	0.0	-	-
7:38	0.0	-	7:38	0.0	-	-
7:39	0.0	-	7:39	0.0	-	-
7:40	0.0	-	7:40	0.0	-	-
7:41	0.0	-	7:41	0.0	-	-
7:42	0.0	-	7:42	0.0	-	-
7:43	0.0	-	7:43	0.0	-	-
7:44	0.0	-	7:44	0.0	-	-
7:45	0.0	-	7:45	0.0	-	-
7:46	0.0	-	7:46	0.0	-	-
7:47	0.0	-	7:47	0.0	-	-
7:48	0.0	-	7:48	0.0	-	-
7:49	0.0	-	7:49	0.0	-	-
7:50	0.0	-	7:50	0.0	-	-
7:51	0.0	0.0	7:51	0.0	0.0	-
7:52	0.0	0.0	7:52	0.0	0.0	-
7:53	0.0	0.0	7:53	0.0	0.0	-
7:54	0.0	0.0	7:54	0.0	0.0	-
7:55	0.0	0.0	7:55	0.0	0.0	-
7:56	0.0	0.0	7:56	0.0	0.0	-
7:57	0.0	0.0	7:57	0.0	0.0	-
7:58	0.0	0.0	7:58	0.0	0.0	-
7:59	0.0	0.0	7:59	0.0	0.0	-
8:00	0.0	0.0	8:00	0.0	0.0	-
8:01	0.0	0.0	8:01	0.0	0.0	-
8:02	0.0	0.0	8:02	0.0	0.0	-
8:03	0.0	0.0	8:03	0.0	0.0	-
8:04	0.0	0.0	8:04	0.0	0.0	-
8:05	0.0	0.0	8:05	0.0	0.0	-
8:06	0.0	0.0	8:06	0.0	0.0	-
8:07	0.0	0.0	8:07	0.0	0.0	-
8:08	0.0	0.0	8:08	0.0	0.0	-
8:09	0.0	0.0	8:09	0.0	0.0	-
8:10	0.0	0.0	8:10	0.0	0.0	-
8:11	0.0	0.0	8:11	0.0	0.0	-
8:12	0.0	0.0	8:12	0.0	0.0	-
8:13	0.0	0.0	8:13	0.0	0.0	-
8:14	0.0	0.0	8:14	0.0	0.0	-
8:15	0.0	0.0	8:15	0.0	0.0	-
8:16	0.0	0.0	8:16	0.0	0.0	-
8:17	0.0	0.0	8:17	0.0	0.0	-

CAMP Data
Sun Valley Nursery Filling Station Site
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PID DATA						
Upwind			Downwind			Exceeds VOC Alarm Limit
Time	Concentration (ppm)	15-Min Avg Concentration (ppm)	Time	Concentration (ppm)	15-Min Avg Concentration (ppm)	
8:18	0.0	0.0	8:18	0.0	0.0	-
8:19	0.0	0.0	8:19	0.0	0.0	-
8:20	0.0	0.0	8:20	0.0	0.0	-
8:21	0.0	0.0	8:21	0.0	0.0	-
8:22	0.0	0.0	8:22	0.0	0.0	-
8:23	0.0	0.0	8:23	0.0	0.0	-
8:24	0.0	0.0	8:24	0.0	0.0	-
8:25	0.0	0.0	8:25	0.0	0.0	-
8:26	0.0	0.0	8:26	0.0	0.0	-
8:27	0.0	0.0	8:27	0.0	0.0	-
8:28	0.0	0.0	8:28	0.0	0.0	-
8:29	0.0	0.0	8:29	0.0	0.0	-
8:30	0.0	0.0	8:30	0.0	0.0	-
8:31	0.0	0.0	8:31	0.0	0.0	-
8:32	0.0	0.0	8:32	0.0	0.0	-
8:33	0.0	0.0	8:33	0.0	0.0	-
8:34	0.0	0.0	8:34	0.0	0.0	-
8:35	0.0	0.0	8:35	0.0	0.0	-
8:36	0.0	0.0	8:36	0.0	0.0	-
8:37	0.0	0.0	8:37	0.0	0.0	-
8:38	0.0	0.0	8:38	0.0	0.0	-
8:39	0.0	0.0	8:39	0.0	0.0	-
8:40	0.0	0.0	8:40	0.0	0.0	-
8:41	0.0	0.0	8:41	0.0	0.0	-
8:42	0.0	0.0	8:42	0.0	0.0	-
8:43	0.0	0.0	8:43	0.0	0.0	-
8:44	0.0	0.0	8:44	0.0	0.0	-
8:45	0.0	0.0	8:45	0.0	0.0	-
8:46	0.0	0.0	8:46	0.0	0.0	-
8:47	0.0	0.0	8:47	0.0	0.0	-
8:48	0.0	0.0	8:48	0.0	0.0	-
8:49	0.0	0.0	8:49	0.0	0.0	-
8:50	0.0	0.0	8:50	0.0	0.0	-
8:51	0.0	0.0	8:51	0.0	0.0	-
8:52	0.0	0.0	8:52	0.0	0.0	-
8:53	0.0	0.0	8:53	0.0	0.0	-
8:54	0.0	0.0	8:54	0.0	0.0	-
8:55	0.0	0.0	8:55	0.0	0.0	-
8:56	0.0	0.0	8:56	0.0	0.0	-
8:57	0.0	0.0	8:57	0.0	0.0	-
8:58	0.0	0.0	8:58	0.0	0.0	-
8:59	0.0	0.0	8:59	0.0	0.0	-
9:00	0.0	0.0	9:00	0.0	0.0	-
9:01	0.0	0.0	9:01	0.0	0.0	-
9:02	0.0	0.0	9:02	0.0	0.0	-
9:03	0.0	0.0	9:03	0.0	0.0	-
9:04	0.0	0.0	9:04	0.0	0.0	-

CAMP Data
Sun Valley Nursery Filling Station Site
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PID DATA						
Upwind			Downwind			Exceeds VOC Alarm Limit
Time	Concentration (ppm)	15-Min Avg Concentration (ppm)	Time	Concentration (ppm)	15-Min Avg Concentration (ppm)	
9:05	0.0	0.0	9:05	0.0	0.0	-
9:06	0.0	0.0	9:06	0.0	0.0	-
9:07	0.0	0.0	9:07	0.0	0.0	-
9:08	0.0	0.0	9:08	0.0	0.0	-
9:09	0.0	0.0	9:09	0.0	0.0	-
9:10	0.0	0.0	9:10	0.0	0.0	-
9:11	0.0	0.0	9:11	0.0	0.0	-
9:12	0.0	0.0	9:12	0.0	0.0	-
9:13	0.0	0.0	9:13	0.0	0.0	-
9:14	0.0	0.0	9:14	0.0	0.0	-
9:15	0.0	0.0	9:15	0.0	0.0	-
9:16	0.0	0.0	9:16	0.0	0.0	-
9:17	0.0	0.0	9:17	0.0	0.0	-
9:18	0.0	0.0	9:18	0.0	0.0	-
9:19	0.0	0.0	9:19	0.0	0.0	-
9:20	0.0	0.0	9:20	0.0	0.0	-
9:21	0.0	0.0	9:21	0.0	0.0	-
9:22	0.0	0.0	9:22	0.0	0.0	-
9:23	0.0	0.0	9:23	0.0	0.0	-
9:24	0.0	0.0	9:24	0.0	0.0	-
9:25	0.0	0.0	9:25	0.0	0.0	-
9:26	0.0	0.0	9:26	0.0	0.0	-
9:27	0.0	0.0	9:27	0.0	0.0	-
9:28	0.0	0.0	9:28	0.0	0.0	-
9:29	0.0	0.0	9:29	0.0	0.0	-
9:30	0.0	0.0	9:30	0.0	0.0	-
9:31	0.0	0.0	9:31	0.0	0.0	-
9:32	0.0	0.0	9:32	0.0	0.0	-
9:33	0.0	0.0	9:33	0.0	0.0	-
9:34	0.0	0.0	9:34	0.0	0.0	-
9:35	0.0	0.0	9:35	0.0	0.0	-
9:36	0.0	0.0	9:36	0.0	0.0	-
9:37	0.0	0.0	9:37	0.0	0.0	-
9:38	0.0	0.0	9:38	0.0	0.0	-
9:39	0.0	0.0	9:39	0.0	0.0	-
9:40	0.0	0.0	9:40	0.0	0.0	-
9:41	0.0	0.0	9:41	0.0	0.0	-
9:42	0.0	0.0	9:42	0.0	0.0	-
9:43	0.0	0.0	9:43	0.0	0.0	-
9:44	0.0	0.0	9:44	0.0	0.0	-
9:45	0.0	0.0	9:45	0.0	0.0	-
9:46	0.0	0.0	9:46	0.0	0.0	-
9:47	0.0	0.0	9:47	0.0	0.0	-
9:48	0.0	0.0	9:48	0.0	0.0	-
9:49	0.0	0.0	9:49	0.0	0.0	-
9:50	0.0	0.0	9:50	0.0	0.0	-
9:51	0.0	0.0	9:51	0.0	0.0	-

CAMP Data
Sun Valley Nursery Filling Station Site
Ossining, New York
BCP No C360207
September 26, 2023

PID DATA						
Upwind			Downwind			Exceeds VOC Alarm Limit
Time	Concentration (ppm)	15-Min Avg Concentration (ppm)	Time	Concentration (ppm)	15-Min Avg Concentration (ppm)	
9:52	0.0	0.0	9:52	0.0	0.0	-
9:53	0.0	0.0	9:53	0.0	0.0	-
9:54	0.0	0.0	9:54	0.0	0.0	-
9:55	0.0	0.0	9:55	0.0	0.0	-
9:56	0.0	0.0	9:56	0.0	0.0	-
9:57	0.0	0.0	9:57	0.0	0.0	-
9:58	0.0	0.0	9:58	0.0	0.0	-
9:59	0.0	0.0	9:59	0.0	0.0	-
10:00	0.0	0.0	10:00	0.0	0.0	-
10:01	0.0	0.0	10:01	0.0	0.0	-
10:02	0.0	0.0	10:02	0.0	0.0	-
10:03	0.0	0.0	10:03	0.0	0.0	-
10:04	0.0	0.0	10:04	0.0	0.0	-
10:05	0.0	0.0	10:05	0.0	0.0	-
10:06	0.0	0.0	10:06	0.0	0.0	-
10:07	0.0	0.0	10:07	0.0	0.0	-
10:08	0.0	0.0	10:08	0.0	0.0	-
10:09	0.0	0.0	10:09	0.0	0.0	-
10:10	0.0	0.0	10:10	0.0	0.0	-
10:11	0.0	0.0	10:11	0.0	0.0	-
10:12	0.0	0.0	10:12	0.0	0.0	-
10:13	0.0	0.0	10:13	0.0	0.0	-
10:14	0.0	0.0	10:14	0.0	0.0	-
10:15	0.0	0.0	10:15	0.0	0.0	-
10:16	0.0	0.0	10:16	0.0	0.0	-
10:17	0.0	0.0	10:17	0.0	0.0	-
10:18	0.0	0.0	10:18	0.0	0.0	-
10:19	0.0	0.0	10:19	0.0	0.0	-
10:20	0.0	0.0	10:20	0.0	0.0	-
10:21	0.0	0.0	10:21	0.0	0.0	-
10:22	0.0	0.0	10:22	0.0	0.0	-
10:23	0.0	0.0	10:23	0.0	0.0	-
10:24	0.0	0.0	10:24	0.0	0.0	-
10:25	0.0	0.0	10:25	0.0	0.0	-
10:26	0.0	0.0	10:26	0.0	0.0	-
10:27	0.0	0.0	10:27	0.0	0.0	-
10:28	0.0	0.0	10:28	0.0	0.0	-
10:29	0.0	0.0	10:29	0.0	0.0	-
10:30	0.0	0.0	10:30	0.0	0.0	-
10:31	0.0	0.0	10:31	0.0	0.0	-
10:32	0.0	0.0	10:32	0.0	0.0	-
10:33	0.0	0.0	10:33	0.0	0.0	-
10:34	0.0	0.0	10:34	0.0	0.0	-
10:35	0.0	0.0	10:35	0.0	0.0	-
10:36	0.0	0.0	10:36	0.0	0.0	-
10:37	0.0	0.0	10:37	0.0	0.0	-
10:38	0.0	0.0	10:38	0.0	0.0	-

CAMP Data
Sun Valley Nursery Filling Station Site
Ossining, New York
BCP No C360207
September 26, 2023

PID DATA						
Upwind			Downwind			Exceeds VOC Alarm Limit
Time	Concentration (ppm)	15-Min Avg Concentration (ppm)	Time	Concentration (ppm)	15-Min Avg Concentration (ppm)	
10:39	0.0	0.0	10:39	0.0	0.0	-
10:40	0.0	0.0	10:40	0.0	0.0	-
10:41	0.0	0.0	10:41	0.0	0.0	-
10:42	0.0	0.0	10:42	0.0	0.0	-
10:43	0.0	0.0	10:43	0.0	0.0	-
10:44	0.0	0.0	10:44	0.0	0.0	-
10:45	0.0	0.0	10:45	0.0	0.0	-
10:46	0.0	0.0	10:46	0.0	0.0	-
10:47	0.0	0.0	10:47	0.0	0.0	-
10:48	0.0	0.0	10:48	0.0	0.0	-
10:49	0.0	0.0	10:49	0.0	0.0	-
10:50	0.0	0.0	10:50	0.0	0.0	-
10:51	0.0	0.0	10:51	0.0	0.0	-
10:52	0.0	0.0	10:52	0.0	0.0	-
10:53	0.0	0.0	10:53	0.0	0.0	-
10:54	0.0	0.0	10:54	0.0	0.0	-
10:55	0.0	0.0	10:55	0.0	0.0	-
10:56	0.0	0.0	10:56	0.0	0.0	-
10:57	0.0	0.0	10:57	0.0	0.0	-
10:58	0.0	0.0	10:58	0.0	0.0	-
10:59	0.0	0.0	10:59	0.0	0.0	-
11:00	0.0	0.0	11:00	0.0	0.0	-
11:01	0.0	0.0	11:01	0.0	0.0	-
11:02	0.0	0.0	11:02	0.0	0.0	-
11:03	0.0	0.0	11:03	0.0	0.0	-
11:04	0.0	0.0	11:04	0.0	0.0	-
11:05	0.0	0.0	11:05	0.0	0.0	-
11:06	0.0	0.0	11:06	0.0	0.0	-
11:07	0.0	0.0	11:07	0.0	0.0	-
11:08	0.0	0.0	11:08	0.0	0.0	-
11:09	0.0	0.0	11:09	0.0	0.0	-
11:10	0.0	0.0	11:10	0.0	0.0	-
11:11	0.0	0.0	11:11	0.0	0.0	-
11:12	0.0	0.0	11:12	0.0	0.0	-
11:13	0.0	0.0	11:13	0.0	0.0	-
11:14	0.0	0.0	11:14	0.0	0.0	-
11:15	0.0	0.0	11:15	0.0	0.0	-
11:16	0.0	0.0	11:16	0.0	0.0	-
11:17	0.0	0.0	11:17	0.0	0.0	-
11:18	0.0	0.0	11:18	0.0	0.0	-
11:19	0.0	0.0	11:19	0.0	0.0	-
11:20	0.0	0.0	11:20	0.0	0.0	-
11:21	0.0	0.0	11:21	0.0	0.0	-
11:22	0.0	0.0	11:22	0.0	0.0	-
11:23	0.0	0.0	11:23	0.0	0.0	-
11:24	0.0	0.0	11:24	0.0	0.0	-
11:25	0.0	0.0	11:25	0.0	0.0	-

CAMP Data
Sun Valley Nursery Filling Station Site
Ossining, New York
BCP No C360207
September 26, 2023

PID DATA						
Upwind			Downwind			Exceeds VOC Alarm Limit
Time	Concentration (ppm)	15-Min Avg Concentration (ppm)	Time	Concentration (ppm)	15-Min Avg Concentration (ppm)	
11:26	0.0	0.0	11:26	0.0	0.0	-
11:27	0.0	0.0	11:27	0.0	0.0	-
11:28	0.0	0.0	11:28	0.0	0.0	-
11:29	0.0	0.0	11:29	0.0	0.0	-
11:30	0.0	0.0	11:30	0.0	0.0	-
11:31	0.0	0.0	11:31	0.0	0.0	-
11:32	0.0	0.0	11:32	0.0	0.0	-
11:33	0.0	0.0	11:33	0.0	0.0	-
11:34	0.0	0.0	11:34	0.0	0.0	-
11:35	0.0	0.0	11:35	0.0	0.0	-
11:36	0.0	0.0	11:36	0.0	0.0	-
11:37	0.0	0.0	11:37	0.0	0.0	-
11:38	0.0	0.0	11:38	0.0	0.0	-
11:39	0.0	0.0	11:39	0.0	0.0	-
11:40	0.0	0.0	11:40	0.0	0.0	-
11:41	0.0	0.0	11:41	0.0	0.0	-
11:42	0.0	0.0	11:42	0.0	0.0	-
11:43	0.0	0.0	11:43	0.0	0.0	-
11:44	0.0	0.0	11:44	0.0	0.0	-
11:45	0.0	0.0	11:45	0.0	0.0	-
11:46	0.0	0.0	11:46	0.0	0.0	-
11:47	0.0	0.0	11:47	0.0	0.0	-
11:48	0.0	0.0	11:48	0.0	0.0	-
11:49	0.0	0.0	11:49	0.0	0.0	-
11:50	0.0	0.0	11:50	0.0	0.0	-
11:51	0.0	0.0	11:51	0.0	0.0	-
11:52	0.0	0.0	11:52	0.0	0.0	-
11:53	0.0	0.0	11:53	0.0	0.0	-
11:54	0.0	0.0	11:54	0.0	0.0	-
11:55	0.0	0.0	11:55	0.0	0.0	-
11:56	0.0	0.0	11:56	0.0	0.0	-
11:57	0.0	0.0	11:57	0.0	0.0	-
11:58	0.0	0.0	11:58	0.0	0.0	-
11:59	0.0	0.0	11:59	0.0	0.0	-
12:00	0.0	0.0	12:00	0.0	0.0	-
12:01	0.0	0.0	12:01	0.0	0.0	-
12:02	0.0	0.0	12:02	0.0	0.0	-
12:03	0.0	0.0	12:03	0.0	0.0	-
12:04	0.0	0.0	12:04	0.0	0.0	-
12:05	0.0	0.0	12:05	0.0	0.0	-
12:06	0.0	0.0	12:06	0.0	0.0	-
12:07	0.0	0.0	12:07	0.0	0.0	-
12:08	0.0	0.0	12:08	0.0	0.0	-
12:09	0.0	0.0	12:09	0.0	0.0	-
12:10	0.0	0.0	12:10	0.0	0.0	-
12:11	0.0	0.0	12:11	0.0	0.0	-
12:12	0.0	0.0	12:12	0.0	0.0	-

CAMP Data
Sun Valley Nursery Filling Station Site
Ossining, New York
BCP No C360207
September 26, 2023

PID DATA						
Upwind			Downwind			Exceeds VOC Alarm Limit
Time	Concentration (ppm)	15-Min Avg Concentration (ppm)	Time	Concentration (ppm)	15-Min Avg Concentration (ppm)	
12:13	0.0	0.0	12:13	0.0	0.0	-
12:14	0.0	0.0	12:14	0.0	0.0	-
12:15	0.0	0.0	12:15	0.0	0.0	-
12:16	0.0	0.0	12:16	0.0	0.0	-
12:17	0.0	0.0	12:17	0.0	0.0	-
12:18	0.0	0.0	12:18	0.0	0.0	-
12:19	0.0	0.0	12:19	0.0	0.0	-
12:20	0.0	0.0	12:20	0.0	0.0	-
12:21	0.0	0.0	12:21	0.0	0.0	-
12:22	0.0	0.0	12:22	0.0	0.0	-
12:23	0.0	0.0	12:23	0.0	0.0	-
12:24	0.0	0.0	12:24	0.0	0.0	-
12:25	0.0	0.0	12:25	0.0	0.0	-
12:26	0.0	0.0	12:26	0.0	0.0	-
12:27	0.0	0.0	12:27	0.0	0.0	-
12:28	0.0	0.0	12:28	0.0	0.0	-
12:29	0.0	0.0	12:29	0.0	0.0	-
12:30	0.0	0.0	12:30	0.0	0.0	-
12:31	0.0	0.0	12:31	0.0	0.0	-
12:32	0.0	0.0	12:32	0.0	0.0	-
12:33	0.0	0.0	12:33	0.0	0.0	-
12:34	0.0	0.0	12:34	0.0	0.0	-
12:35	0.0	0.0	12:35	0.0	0.0	-
12:36	0.0	0.0	12:36	0.0	0.0	-
12:37	0.0	0.0	12:37	0.0	0.0	-
12:38	0.0	0.0	12:38	0.0	0.0	-
12:39	0.0	0.0	12:39	0.0	0.0	-
12:40	0.0	0.0	12:40	0.0	0.0	-
12:41	0.0	0.0	12:41	0.0	0.0	-
12:42	0.0	0.0	12:42	0.0	0.0	-
12:43	0.0	0.0	12:43	0.0	0.0	-
12:44	0.0	0.0	12:44	0.0	0.0	-
12:45	0.0	0.0	12:45	0.0	0.0	-
12:46	0.0	0.0	12:46	0.0	0.0	-
12:47	0.0	0.0	12:47	0.0	0.0	-
12:48	0.0	0.0	12:48	0.0	0.0	-
12:49	0.0	0.0	12:49	0.0	0.0	-
12:50	0.0	0.0	12:50	0.0	0.0	-
12:51	0.0	0.0	12:51	0.0	0.0	-
12:52	0.0	0.0	12:52	0.0	0.0	-
12:53	0.0	0.0	12:53	0.0	0.0	-
12:54	0.0	0.0	12:54	0.0	0.0	-
12:55	0.0	0.0	12:55	0.0	0.0	-
12:56	0.0	0.0	12:56	0.0	0.0	-
12:57	0.0	0.0	12:57	0.0	0.0	-
12:58	0.0	0.0	12:58	0.0	0.0	-
12:59	0.0	0.0	12:59	0.0	0.0	-

CAMP Data
Sun Valley Nursery Filling Station Site
Ossining, New York
BCP No C360207
September 26, 2023

PID DATA						
Upwind			Downwind			Exceeds VOC Alarm Limit
Time	Concentration (ppm)	15-Min Avg Concentration (ppm)	Time	Concentration (ppm)	15-Min Avg Concentration (ppm)	
13:00	0.0	0.0	13:00	0.0	0.0	-
13:01	0.0	0.0	13:01	0.0	0.0	-
13:02	0.0	0.0	13:02	0.0	0.0	-
13:03	0.0	0.0	13:03	0.0	0.0	-
13:04	0.0	0.0	13:04	0.0	0.0	-
13:05	0.0	0.0	13:05	0.0	0.0	-
13:06	0.0	0.0	13:06	0.0	0.0	-
13:07	0.0	0.0	13:07	0.0	0.0	-
13:08	0.0	0.0	13:08	0.0	0.0	-
13:09	0.0	0.0	13:09	0.0	0.0	-
13:10	0.0	0.0	13:10	0.0	0.0	-
13:11	0.0	0.0	13:11	0.0	0.0	-
13:12	0.0	0.0	13:12	0.0	0.0	-
13:13	0.0	0.0	13:13	0.0	0.0	-
13:14	0.0	0.0	13:14	0.0	0.0	-
13:15	0.0	0.0	13:15	0.0	0.0	-
13:16	0.0	0.0	13:16	0.0	0.0	-
13:17	0.0	0.0	13:17	0.0	0.0	-
13:18	0.0	0.0	13:18	0.0	0.0	-
13:19	0.0	0.0	13:19	0.0	0.0	-
13:20	0.0	0.0	13:20	0.0	0.0	-
13:21	0.0	0.0	13:21	0.0	0.0	-
13:22	0.0	0.0	13:22	0.0	0.0	-
13:23	0.0	0.0	13:23	0.0	0.0	-
13:24	0.0	0.0	13:24	0.0	0.0	-
13:25	0.0	0.0	13:25	0.0	0.0	-
13:26	0.0	0.0	13:26	0.0	0.0	-
13:27	0.0	0.0	13:27	0.0	0.0	-
13:28	0.0	0.0	13:28	0.0	0.0	-
13:29	0.0	0.0	13:29	0.0	0.0	-
13:30	0.0	0.0	13:30	0.0	0.0	-
13:31	0.0	0.0	13:31	0.0	0.0	-
13:32	0.0	0.0	13:32	0.0	0.0	-
13:33	0.0	0.0	13:33	0.0	0.0	-
13:34	0.0	0.0	13:34	0.0	0.0	-
13:35	0.0	0.0	13:35	0.0	0.0	-
13:36	0.0	0.0	13:36	0.0	0.0	-
13:37	0.0	0.0	13:37	0.0	0.0	-
13:38	0.0	0.0	13:38	0.0	0.0	-
13:39	0.0	0.0	13:39	0.0	0.0	-
13:40	0.0	0.0	13:40	0.0	0.0	-
13:41	0.0	0.0	13:41	0.0	0.0	-
13:42	0.0	0.0	13:42	0.0	0.0	-
13:43	0.0	0.0	13:43	0.0	0.0	-
13:44	0.0	0.0	13:44	0.0	0.0	-
13:45	0.0	0.0	13:45	0.0	0.0	-
13:46	0.0	0.0	13:46	0.0	0.0	-

CAMP Data
Sun Valley Nursery Filling Station Site
Ossining, New York
BCP No C360207
September 26, 2023

PID DATA						
Upwind			Downwind			Exceeds VOC Alarm Limit
Time	Concentration (ppm)	15-Min Avg Concentration (ppm)	Time	Concentration (ppm)	15-Min Avg Concentration (ppm)	
13:47	0.0	0.0	13:47	0.0	0.0	-
13:48	0.0	0.0	13:48	0.0	0.0	-
13:49	0.0	0.0	13:49	0.0	0.0	-
13:50	0.0	0.0	13:50	0.0	0.0	-
13:51	0.0	0.0	13:51	0.0	0.0	-
13:52	0.0	0.0	13:52	0.0	0.0	-
13:53	0.0	0.0	13:53	0.0	0.0	-
13:54	0.0	0.0	13:54	0.0	0.0	-
13:55	0.0	0.0	13:55	0.0	0.0	-
13:56	0.0	0.0	13:56	0.0	0.0	-
13:57	0.0	0.0	13:57	0.0	0.0	-
13:58	0.0	0.0	13:58	0.0	0.0	-
13:59	0.0	0.0	13:59	0.0	0.0	-
14:00	0.0	0.0	14:00	0.0	0.0	-
14:01	0.0	0.0	14:01	0.0	0.0	-
14:02	0.0	0.0	14:02	0.0	0.0	-
14:03	0.0	0.0	14:03	0.0	0.0	-
14:04	0.0	0.0	14:04	0.0	0.0	-
14:05	0.0	0.0	14:05	0.0	0.0	-
14:06	0.0	0.0	14:06	0.0	0.0	-
14:07	0.0	0.0	14:07	0.0	0.0	-
14:08	0.0	0.0	14:08	0.0	0.0	-
14:09	0.0	0.0	14:09	0.0	0.0	-
14:10	0.0	0.0	14:10	0.0	0.0	-
14:11	0.0	0.0	14:11	0.0	0.0	-
14:12	0.0	0.0	14:12	0.0	0.0	-
14:13	0.0	0.0	14:13	0.0	0.0	-
14:14	0.0	0.0	14:14	0.0	0.0	-
14:15	0.0	0.0	14:15	0.0	0.0	-
14:16	0.0	0.0	14:16	0.0	0.0	-
14:17	0.0	0.0	14:17	0.0	0.0	-
14:18	0.0	0.0	14:18	0.0	0.0	-
14:19	0.0	0.0	14:19	0.0	0.0	-
14:20	0.0	0.0	14:20	0.0	0.0	-
14:21	0.0	0.0	14:21	0.0	0.0	-
14:22	0.0	0.0	14:22	0.0	0.0	-
14:23	0.0	0.0	14:23	0.0	0.0	-



959 US-46 Floor 3, Suite 300 - Parsippany-Troy Hills, NJ

DAILY AIR MONITORING REPORT

136-140 Croton Avenue

Ossining, New York

09/27/2023

Rev. No. 0

Page 1 of 2

Project Number: 12060

Dust Action Level

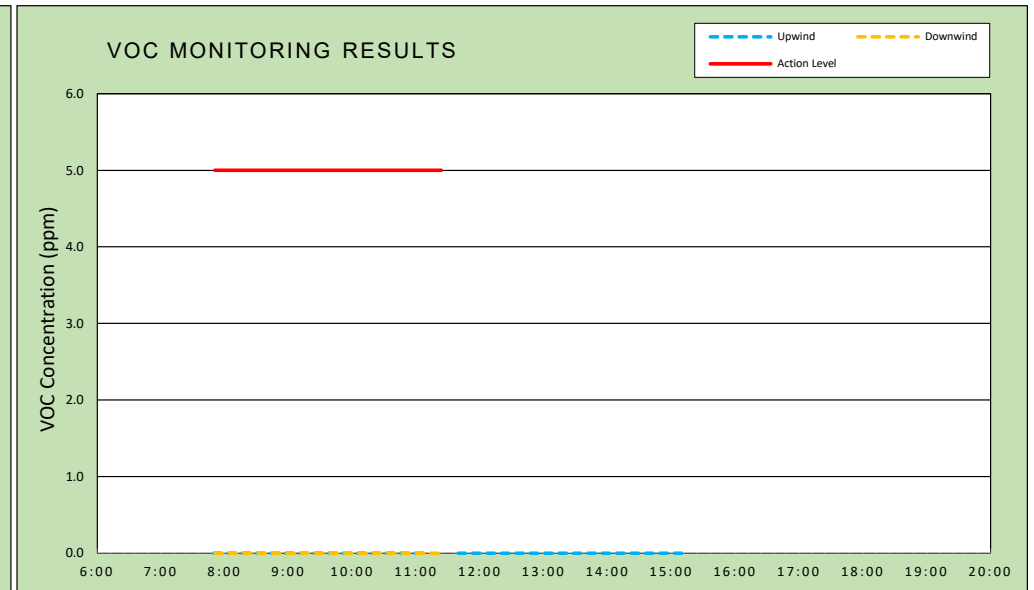
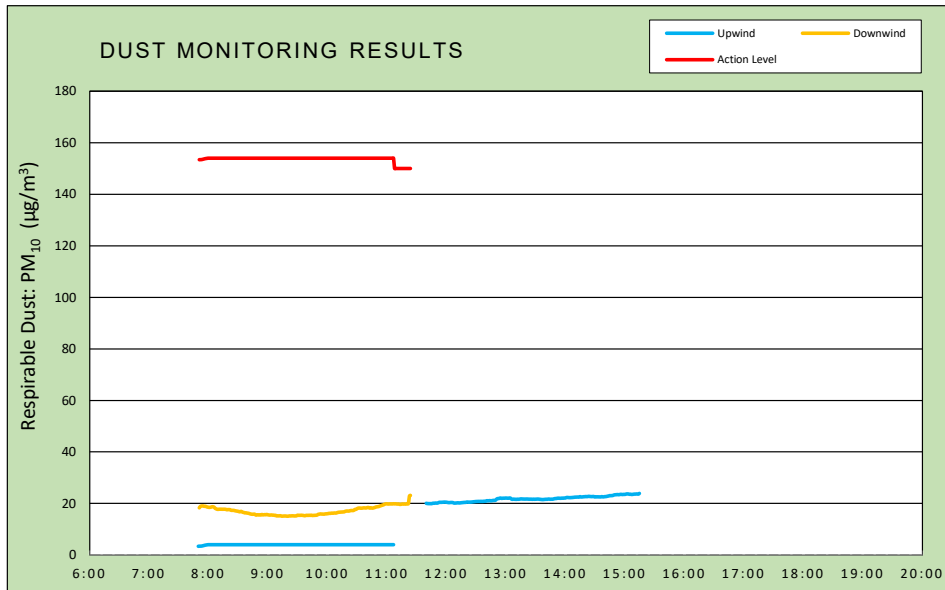
150 $\mu\text{g}/\text{m}^3$

VOC Action Level

5 ppm

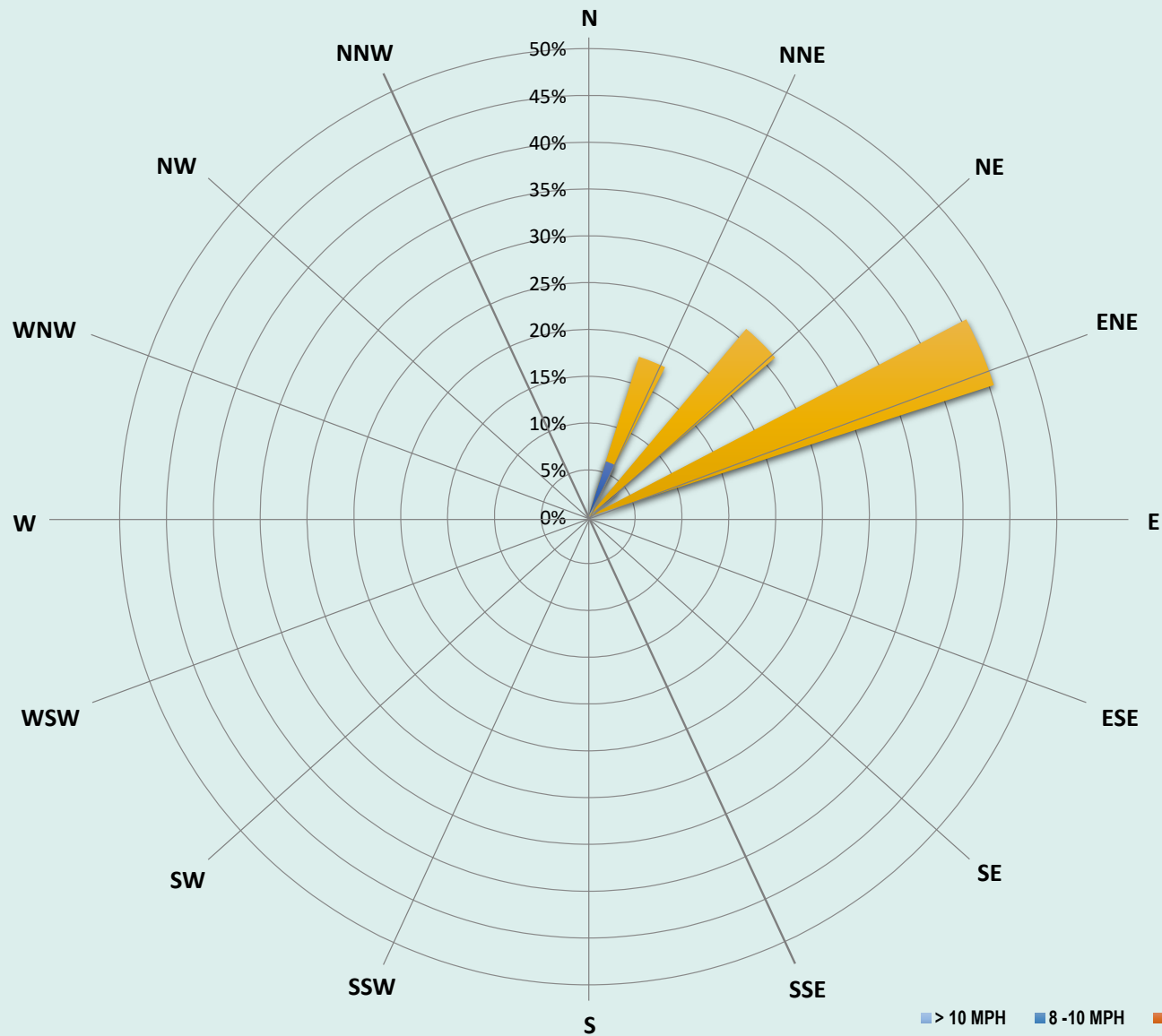
Weather Data Range for Work Day		Wind Direction	ENE	Relative Humidity (%)	57.0 - 96.0	Daily Rain Total (in)	0.00	Readings in the summary table and graphs below are the reported downwind concentrations.
Temperature (°F)	46.0 - 64.0	Wind Speed (MPH)	1.8 - 4.4	Barometer (inHg)	30.30 - 30.40	Avg. Dew Point Temp (°F)	48.7	

Station Location	Daily Avg. Dust Concentration ($\mu\text{g}/\text{m}^3$)	Max 15-Min Dust Concentration ($\mu\text{g}/\text{m}^3$)	Time of Max Dust Reading	Daily Avg. VOC Concentration (ppm)	Max 15-Min VOC Concentration (ppm)	Time of Max VOC Reading
Upwind	13.2	23.9	15:15	0.0	0.0	7:50
Downwind	17.4	23.1	11:24	0.0	0.0	7:51



Air Monitoring Notes:

Weather Notes:



SESI - Croton Ave
Air Monitoring
09/27/23
Wind Speed & Direction
Daily Readings

CAMP Data
Sun Valley Nursery Filling Station Site
Ossining, New York
BCP No C360207
September 27, 2023

Wednesday, September 27, 2023						
Number of Instances Where Downwind Particulates Exceeds Upwind Particulate + 150 =						0
Number of Comparable Data Points =						197
Start Time:						7:35
End Time:						15:15
PARTICULATE DATA						
Upwind			Downwind			Exceeds Particulate Alarm Limit
Time	Concentration (ug/m ³)	15-Min Avg Concentration (ug/m ³)	Time	Concentration (ug/m ³)	15-Min Avg Concentration (ug/m ³)	
7:35	3.5	-	7:35	-	-	-
7:36	3.5	-	7:36	0.0	-	-
7:37	3.8	-	7:37	16.0	-	-
7:38	3.8	-	7:38	19.6	-	-
7:39	3.0	-	7:39	18.4	-	-
7:40	2.5	-	7:40	18.0	-	-
7:41	2.5	-	7:41	18.6	-	-
7:42	2.5	-	7:42	18.2	-	-
7:43	3.0	-	7:43	20.2	-	-
7:44	3.0	-	7:44	20.0	-	-
7:45	3.3	-	7:45	18.6	-	-
7:46	4.0	-	7:46	18.0	-	-
7:47	4.0	-	7:47	17.0	-	-
7:48	4.0	-	7:48	17.0	-	-
7:49	4.0	-	7:49	17.2	-	-
7:50	4.0	3.4	7:50	17.6	-	-
7:51	4.0	3.4	7:51	20.2	18.3	-
7:52	4.0	3.4	7:52	23.4	18.8	-
7:53	4.0	3.5	7:53	22.4	19.0	-
7:54	4.0	3.5	7:54	19.0	19.0	-
7:55	4.0	3.6	7:55	17.8	19.0	-
7:56	4.0	3.7	7:56	16.8	18.9	-
7:57	4.0	3.8	7:57	18.4	18.9	-
7:58	4.0	3.9	7:58	18.4	18.8	-
7:59	4.0	4.0	7:59	17.6	18.6	-
8:00	4.0	4.0	8:00	17.4	18.5	-
8:01	4.0	4.0	8:01	17.0	18.5	-
8:02	4.0	4.0	8:02	17.6	18.5	-
8:03	4.0	4.0	8:03	18.2	18.6	-
8:04	4.0	4.0	8:04	19.0	18.7	-
8:05	4.0	4.0	8:05	17.4	18.7	-
8:06	4.0	4.0	8:06	17.5	18.5	-
8:07	4.0	4.0	8:07	17.5	18.1	-
8:08	4.0	4.0	8:08	19.3	17.9	-
8:09	4.0	4.0	8:09	16.5	17.8	-
8:10	4.0	4.0	8:10	17.3	17.7	-
8:11	4.0	4.0	8:11	17.5	17.8	-
8:12	4.0	4.0	8:12	18.5	17.8	-
8:13	4.0	4.0	8:13	18.5	17.8	-
8:14	4.0	4.0	8:14	17.3	17.8	-
8:15	4.0	4.0	8:15	17.5	17.8	-

CAMP Data
Sun Valley Nursery Filling Station Site
Ossining, New York
BCP No C360207
September 27, 2023

PARTICULATE DATA						
Upwind			Downwind			Exceeds Particulate Alarm Limit
Time	Concentration (ug/m ³)	15-Min Avg Concentration (ug/m ³)	Time	Concentration (ug/m ³)	15-Min Avg Concentration (ug/m ³)	
8:16	4.0	4.0	8:16	17.0	17.8	-
8:17	4.0	4.0	8:17	17.5	17.8	-
8:18	4.0	4.0	8:18	17.0	17.7	-
8:19	4.0	4.0	8:19	17.3	17.6	-
8:20	4.0	4.0	8:20	18.5	17.6	-
8:21	4.0	4.0	8:21	17.0	17.6	-
8:22	4.0	4.0	8:22	17.5	17.6	-
8:23	4.0	4.0	8:23	15.8	17.4	-
8:24	4.0	4.0	8:24	16.0	17.3	-
8:25	4.0	4.0	8:25	17.3	17.3	-
8:26	4.0	4.0	8:26	17.0	17.3	-
8:27	4.0	4.0	8:27	16.8	17.2	-
8:28	4.0	4.0	8:28	17.3	17.1	-
8:29	4.0	4.0	8:29	16.3	17.0	-
8:30	4.0	4.0	8:30	16.5	17.0	-
8:31	4.0	4.0	8:31	15.3	16.9	-
8:32	4.0	4.0	8:32	16.3	16.8	-
8:33	4.0	4.0	8:33	19.5	16.9	-
8:34	4.0	4.0	8:34	15.0	16.8	-
8:35	4.0	4.0	8:35	15.5	16.6	-
8:36	4.0	4.0	8:36	15.8	16.5	-
8:37	4.0	4.0	8:37	15.3	16.4	-
8:38	4.0	4.0	8:38	16.0	16.4	-
8:39	4.0	4.0	8:39	14.8	16.3	-
8:40	4.0	4.0	8:40	16.5	16.2	-
8:41	4.0	4.0	8:41	15.8	16.2	-
8:42	4.0	4.0	8:42	14.8	16.0	-
8:43	4.0	4.0	8:43	15.5	15.9	-
8:44	4.0	4.0	8:44	15.3	15.8	-
8:45	4.0	4.0	8:45	16.3	15.8	-
8:46	4.0	4.0	8:46	15.8	15.9	-
8:47	4.0	4.0	8:47	15.8	15.8	-
8:48	4.0	4.0	8:48	15.0	15.5	-
8:49	4.0	4.0	8:49	15.3	15.5	-
8:50	4.0	4.0	8:50	16.8	15.6	-
8:51	4.0	4.0	8:51	14.5	15.5	-
8:52	4.0	4.0	8:52	16.3	15.6	-
8:53	4.0	4.0	8:53	14.8	15.5	-
8:54	4.0	4.0	8:54	17.8	15.7	-
8:55	4.0	4.0	8:55	14.8	15.6	-
8:56	4.0	4.0	8:56	15.8	15.6	-
8:57	4.0	4.0	8:57	15.8	15.7	-
8:58	4.0	4.0	8:58	14.8	15.6	-
8:59	4.0	4.0	8:59	16.8	15.7	-
9:00	4.0	4.0	9:00	14.8	15.6	-
9:01	4.0	4.0	9:01	14.8	15.6	-
9:02	4.0	4.0	9:02	14.8	15.5	-

CAMP Data
Sun Valley Nursery Filling Station Site
Ossining, New York
BCP No C360207
September 27, 2023

PARTICULATE DATA						
Upwind			Downwind			Exceeds Particulate Alarm Limit
Time	Concentration (ug/m ³)	15-Min Avg Concentration (ug/m ³)	Time	Concentration (ug/m ³)	15-Min Avg Concentration (ug/m ³)	
9:03	4.0	4.0	9:03	15.5	15.5	-
9:04	4.0	4.0	9:04	15.5	15.5	-
9:05	4.0	4.0	9:05	15.8	15.5	-
9:06	4.0	4.0	9:06	14.5	15.5	-
9:07	4.0	4.0	9:07	15.0	15.4	-
9:08	4.0	4.0	9:08	14.8	15.4	-
9:09	4.0	4.0	9:09	14.8	15.2	-
9:10	4.0	4.0	9:10	15.0	15.2	-
9:11	4.0	4.0	9:11	15.5	15.2	-
9:12	4.0	4.0	9:12	16.0	15.2	-
9:13	4.0	4.0	9:13	15.3	15.2	-
9:14	4.0	4.0	9:14	14.5	15.1	-
9:15	4.0	4.0	9:15	14.8	15.1	-
9:16	4.0	4.0	9:16	15.3	15.1	-
9:17	4.0	4.0	9:17	15.0	15.1	-
9:18	4.0	4.0	9:18	15.5	15.1	-
9:19	4.0	4.0	9:19	14.8	15.1	-
9:20	4.0	4.0	9:20	15.3	15.1	-
9:21	4.0	4.0	9:21	15.0	15.1	-
9:22	4.0	4.0	9:22	16.3	15.2	-
9:23	4.0	4.0	9:23	14.5	15.2	-
9:24	4.0	4.0	9:24	15.3	15.2	-
9:25	4.0	4.0	9:25	15.3	15.2	-
9:26	4.0	4.0	9:26	15.3	15.2	-
9:27	4.0	4.0	9:27	15.5	15.2	-
9:28	4.0	4.0	9:28	15.5	15.2	-
9:29	4.0	4.0	9:29	15.0	15.2	-
9:30	4.0	4.0	9:30	18.0	15.4	-
9:31	4.0	4.0	9:31	15.0	15.4	-
9:32	4.0	4.0	9:32	15.0	15.4	-
9:33	4.0	4.0	9:33	15.5	15.4	-
9:34	4.0	4.0	9:34	15.3	15.4	-
9:35	4.0	4.0	9:35	14.5	15.4	-
9:36	4.0	4.0	9:36	14.5	15.4	-
9:37	4.0	4.0	9:37	14.8	15.3	-
9:38	4.0	4.0	9:38	15.0	15.3	-
9:39	4.0	4.0	9:39	16.8	15.4	-
9:40	4.0	4.0	9:40	15.3	15.4	-
9:41	4.0	4.0	9:41	15.3	15.4	-
9:42	4.0	4.0	9:42	16.0	15.4	-
9:43	4.0	4.0	9:43	15.0	15.4	-
9:44	4.0	4.0	9:44	16.0	15.5	-
9:45	4.0	4.0	9:45	16.3	15.3	-
9:46	4.0	4.0	9:46	15.5	15.4	-
9:47	4.0	4.0	9:47	15.3	15.4	-
9:48	4.0	4.0	9:48	16.0	15.4	-
9:49	4.0	4.0	9:49	15.5	15.4	-

CAMP Data
Sun Valley Nursery Filling Station Site
Ossining, New York
BCP No C360207
September 27, 2023

PARTICULATE DATA						
Upwind			Downwind			Exceeds Particulate Alarm Limit
Time	Concentration (ug/m ³)	15-Min Avg Concentration (ug/m ³)	Time	Concentration (ug/m ³)	15-Min Avg Concentration (ug/m ³)	
9:50	4.0	4.0	9:50	16.0	15.5	-
9:51	4.0	4.0	9:51	18.3	15.8	-
9:52	4.0	4.0	9:52	15.5	15.8	-
9:53	4.0	4.0	9:53	16.5	15.9	-
9:54	4.0	4.0	9:54	16.3	15.9	-
9:55	4.0	4.0	9:55	15.0	15.9	-
9:56	4.0	4.0	9:56	15.0	15.9	-
9:57	4.0	4.0	9:57	15.8	15.9	-
9:58	4.0	4.0	9:58	16.5	16.0	-
9:59	4.0	4.0	9:59	16.3	16.0	-
10:00	4.0	4.0	10:00	17.0	16.0	-
10:01	4.0	4.0	10:01	16.3	16.1	-
10:02	4.0	4.0	10:02	16.8	16.2	-
10:03	4.0	4.0	10:03	15.8	16.2	-
10:04	4.0	4.0	10:04	16.5	16.2	-
10:05	4.0	4.0	10:05	16.5	16.3	-
10:06	4.0	4.0	10:06	17.8	16.2	-
10:07	4.0	4.0	10:07	16.8	16.3	-
10:08	4.0	4.0	10:08	16.3	16.3	-
10:09	4.0	4.0	10:09	16.3	16.3	-
10:10	4.0	4.0	10:10	17.0	16.4	-
10:11	4.0	4.0	10:11	16.8	16.5	-
10:12	4.0	4.0	10:12	16.8	16.6	-
10:13	4.0	4.0	10:13	16.8	16.6	-
10:14	4.0	4.0	10:14	17.0	16.7	-
10:15	4.0	4.0	10:15	17.0	16.7	-
10:16	4.0	4.0	10:16	17.0	16.7	-
10:17	4.0	4.0	10:17	17.0	16.7	-
10:18	4.0	4.0	10:18	18.3	16.9	-
10:19	4.0	4.0	10:19	18.3	17.0	-
10:20	4.0	4.0	10:20	17.3	17.1	-
10:21	4.0	4.0	10:21	17.5	17.1	-
10:22	4.0	4.0	10:22	16.8	17.1	-
10:23	4.0	4.0	10:23	18.0	17.2	-
10:24	4.0	4.0	10:24	17.5	17.3	-
10:25	4.0	4.0	10:25	17.3	17.3	-
10:26	4.0	4.0	10:26	16.5	17.3	-
10:27	4.0	4.0	10:27	18.5	17.4	-
10:28	4.0	4.0	10:28	21.5	17.7	-
10:29	4.0	4.0	10:29	17.3	17.7	-
10:30	4.0	4.0	10:30	20.5	17.9	-
10:31	4.0	4.0	10:31	20.0	18.1	-
10:32	4.0	4.0	10:32	18.3	18.2	-
10:33	4.0	4.0	10:33	18.3	18.2	-
10:34	4.0	4.0	10:34	17.5	18.2	-
10:35	4.0	4.0	10:35	17.5	18.2	-
10:36	4.0	4.0	10:36	18.3	18.2	-

CAMP Data
Sun Valley Nursery Filling Station Site
Ossining, New York
BCP No C360207
September 27, 2023

PARTICULATE DATA						
Upwind			Downwind			Exceeds Particulate Alarm Limit
Time	Concentration (ug/m ³)	15-Min Avg Concentration (ug/m ³)	Time	Concentration (ug/m ³)	15-Min Avg Concentration (ug/m ³)	
10:37	4.0	4.0	10:37	17.8	18.3	-
10:38	4.0	4.0	10:38	17.5	18.3	-
10:39	4.0	4.0	10:39	17.3	18.3	-
10:40	4.0	4.0	10:40	18.3	18.3	-
10:41	4.0	4.0	10:41	18.3	18.4	-
10:42	4.0	4.0	10:42	17.8	18.4	-
10:43	4.0	4.0	10:43	18.5	18.2	-
10:44	4.0	4.0	10:44	19.3	18.3	-
10:45	4.0	4.0	10:45	19.3	18.2	-
10:46	4.0	4.0	10:46	19.5	18.2	-
10:47	4.0	4.0	10:47	20.0	18.3	-
10:48	4.0	4.0	10:48	19.8	18.4	-
10:49	4.0	4.0	10:49	20.3	18.6	-
10:50	4.0	4.0	10:50	18.8	18.7	-
10:51	4.0	4.0	10:51	19.3	18.8	-
10:52	4.0	4.0	10:52	18.5	18.8	-
10:53	4.0	4.0	10:53	20.0	19.0	-
10:54	4.0	4.0	10:54	19.3	19.1	-
10:55	4.0	4.0	10:55	20.5	19.3	-
10:56	4.0	4.0	10:56	20.0	19.4	-
10:57	4.0	4.0	10:57	19.8	19.5	-
10:58	4.0	4.0	10:58	21.5	19.7	-
10:59	4.0	4.0	10:59	21.3	19.8	-
11:00	4.0	4.0	11:00	19.5	19.9	-
11:01	4.0	4.0	11:01	18.8	19.8	-
11:02	4.0	4.0	11:02	19.8	19.8	-
11:03	4.0	4.0	11:03	20.3	19.8	-
11:04	4.0	4.0	11:04	20.3	19.8	-
11:05	4.0	4.0	11:05	18.8	19.8	-
11:06	4.0	4.0	11:06	19.3	19.8	-
11:07	4.0	4.0	11:07	19.5	19.9	-
11:08	-	-	11:08	19.3	19.8	-
11:09	-	-	11:09	19.8	19.9	-
11:10	-	-	11:10	19.5	19.8	-
11:11	-	-	11:11	19.5	19.8	-
11:12	-	-	11:12	20.3	19.8	-
11:13	-	-	11:13	19.5	19.7	-
11:14	-	-	11:14	21.0	19.7	-
11:15	-	-	11:15	20.5	19.7	-
11:16	-	-	11:16	20.0	19.8	-
11:17	-	-	11:17	19.0	19.8	-
11:18	-	-	11:18	20.8	19.8	-
11:19	-	-	11:19	19.8	19.8	-
11:20	-	-	11:20	19.5	19.8	-
11:21	-	-	11:21	19.8	19.8	-
11:22	-	-	11:22	20.5	19.9	-
11:23	-	-	11:23	64.3	22.9	-

CAMP Data
Sun Valley Nursery Filling Station Site
Ossining, New York
BCP No C360207
September 27, 2023

PARTICULATE DATA						
Upwind			Downwind			Exceeds Particulate Alarm Limit
Time	Concentration (ug/m ³)	15-Min Avg Concentration (ug/m ³)	Time	Concentration (ug/m ³)	15-Min Avg Concentration (ug/m ³)	
11:24	-	-	11:24	23.3	23.1	-
11:25	19.5	-	11:25	-	-	-
11:26	20.8	-	11:26	-	-	-
11:27	20.3	-	11:27	-	-	-
11:28	20.0	-	11:28	-	-	-
11:29	20.0	-	11:29	-	-	-
11:30	20.5	-	11:30	-	-	-
11:31	19.8	-	11:31	-	-	-
11:32	19.8	-	11:32	-	-	-
11:33	21.0	-	11:33	-	-	-
11:34	19.0	-	11:34	-	-	-
11:35	19.8	-	11:35	-	-	-
11:36	20.3	-	11:36	-	-	-
11:37	19.8	-	11:37	-	-	-
11:38	20.5	-	11:38	-	-	-
11:39	19.5	-	11:39	-	-	-
11:40	20.3	20.1	11:40	-	-	-
11:41	19.5	20.0	11:41	-	-	-
11:42	19.8	20.0	11:42	-	-	-
11:43	19.8	19.9	11:43	-	-	-
11:44	20.3	20.0	11:44	-	-	-
11:45	20.0	19.9	11:45	-	-	-
11:46	21.0	20.0	11:46	-	-	-
11:47	21.3	20.1	11:47	-	-	-
11:48	20.8	20.1	11:48	-	-	-
11:49	20.0	20.2	11:49	-	-	-
11:50	19.8	20.2	11:50	-	-	-
11:51	20.0	20.1	11:51	-	-	-
11:52	21.5	20.3	11:52	-	-	-
11:53	23.0	20.4	11:53	-	-	-
11:54	20.0	20.5	11:54	-	-	-
11:55	20.0	20.4	11:55	-	-	-
11:56	20.0	20.5	11:56	-	-	-
11:57	20.0	20.5	11:57	-	-	-
11:58	20.5	20.5	11:58	-	-	-
11:59	20.0	20.5	11:59	-	-	-
12:00	19.8	20.5	12:00	-	-	-
12:01	20.0	20.4	12:01	-	-	-
12:02	20.3	20.4	12:02	-	-	-
12:03	20.0	20.3	12:03	-	-	-
12:04	20.8	20.4	12:04	-	-	-
12:05	20.0	20.4	12:05	-	-	-
12:06	20.0	20.4	12:06	-	-	-
12:07	20.5	20.3	12:07	-	-	-
12:08	20.5	20.2	12:08	-	-	-
12:09	20.0	20.2	12:09	-	-	-
12:10	20.3	20.2	12:10	-	-	-

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PARTICULATE DATA						
Upwind			Downwind			Exceeds Particulate Alarm Limit
Time	Concentration (ug/m ³)	15-Min Avg Concentration (ug/m ³)	Time	Concentration (ug/m ³)	15-Min Avg Concentration (ug/m ³)	
12:11	20.8	20.2	12:11	-	-	-
12:12	20.5	20.3	12:12	-	-	-
12:13	19.8	20.2	12:13	-	-	-
12:14	20.3	20.2	12:14	-	-	-
12:15	20.5	20.3	12:15	-	-	-
12:16	20.8	20.3	12:16	-	-	-
12:17	20.8	20.4	12:17	-	-	-
12:18	20.8	20.4	12:18	-	-	-
12:19	21.0	20.4	12:19	-	-	-
12:20	20.5	20.5	12:20	-	-	-
12:21	21.5	20.6	12:21	-	-	-
12:22	20.3	20.5	12:22	-	-	-
12:23	20.0	20.5	12:23	-	-	-
12:24	20.3	20.5	12:24	-	-	-
12:25	20.5	20.5	12:25	-	-	-
12:26	21.3	20.6	12:26	-	-	-
12:27	21.3	20.6	12:27	-	-	-
12:28	20.5	20.7	12:28	-	-	-
12:29	20.8	20.7	12:29	-	-	-
12:30	21.3	20.8	12:30	-	-	-
12:31	21.0	20.8	12:31	-	-	-
12:32	21.0	20.8	12:32	-	-	-
12:33	21.0	20.8	12:33	-	-	-
12:34	20.8	20.8	12:34	-	-	-
12:35	21.0	20.8	12:35	-	-	-
12:36	21.3	20.8	12:36	-	-	-
12:37	20.3	20.8	12:37	-	-	-
12:38	20.8	20.9	12:38	-	-	-
12:39	20.5	20.9	12:39	-	-	-
12:40	20.8	20.9	12:40	-	-	-
12:41	24.0	21.1	12:41	-	-	-
12:42	20.8	21.0	12:42	-	-	-
12:43	20.8	21.1	12:43	-	-	-
12:44	21.5	21.1	12:44	-	-	-
12:45	20.5	21.1	12:45	-	-	-
12:46	21.3	21.1	12:46	-	-	-
12:47	22.3	21.2	12:47	-	-	-
12:48	21.8	21.2	12:48	-	-	-
12:49	20.8	21.2	12:49	-	-	-
12:50	22.8	21.3	12:50	-	-	-
12:51	27.0	21.7	12:51	-	-	-
12:52	23.0	21.9	12:52	-	-	-
12:53	21.0	21.9	12:53	-	-	-
12:54	22.5	22.0	12:54	-	-	-
12:55	21.8	22.1	12:55	-	-	-
12:56	22.0	22.0	12:56	-	-	-
12:57	21.8	22.0	12:57	-	-	-

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PARTICULATE DATA						
Upwind			Downwind			Exceeds Particulate Alarm Limit
Time	Concentration (ug/m ³)	15-Min Avg Concentration (ug/m ³)	Time	Concentration (ug/m ³)	15-Min Avg Concentration (ug/m ³)	
12:58	21.0	22.1	12:58	-	-	-
12:59	21.5	22.1	12:59	-	-	-
13:00	21.3	22.1	13:00	-	-	-
13:01	21.0	22.1	13:01	-	-	-
13:02	21.8	22.1	13:02	-	-	-
13:03	21.8	22.1	13:03	-	-	-
13:04	21.8	22.1	13:04	-	-	-
13:05	21.8	22.1	13:05	-	-	-
13:06	21.8	21.7	13:06	-	-	-
13:07	21.8	21.6	13:07	-	-	-
13:08	22.0	21.7	13:08	-	-	-
13:09	21.8	21.6	13:09	-	-	-
13:10	21.5	21.6	13:10	-	-	-
13:11	21.8	21.6	13:11	-	-	-
13:12	22.5	21.7	13:12	-	-	-
13:13	20.8	21.6	13:13	-	-	-
13:14	22.0	21.7	13:14	-	-	-
13:15	22.5	21.8	13:15	-	-	-
13:16	21.3	21.8	13:16	-	-	-
13:17	21.3	21.7	13:17	-	-	-
13:18	21.5	21.7	13:18	-	-	-
13:19	21.5	21.7	13:19	-	-	-
13:20	21.8	21.7	13:20	-	-	-
13:21	22.0	21.7	13:21	-	-	-
13:22	21.8	21.7	13:22	-	-	-
13:23	21.5	21.7	13:23	-	-	-
13:24	21.5	21.7	13:24	-	-	-
13:25	21.5	21.7	13:25	-	-	-
13:26	21.8	21.7	13:26	-	-	-
13:27	21.8	21.6	13:27	-	-	-
13:28	21.5	21.7	13:28	-	-	-
13:29	21.5	21.6	13:29	-	-	-
13:30	22.8	21.7	13:30	-	-	-
13:31	21.5	21.7	13:31	-	-	-
13:32	21.8	21.7	13:32	-	-	-
13:33	21.5	21.7	13:33	-	-	-
13:34	20.8	21.7	13:34	-	-	-
13:35	21.0	21.6	13:35	-	-	-
13:36	21.3	21.6	13:36	-	-	-
13:37	21.3	21.5	13:37	-	-	-
13:38	21.5	21.5	13:38	-	-	-
13:39	22.3	21.6	13:39	-	-	-
13:40	22.0	21.6	13:40	-	-	-
13:41	22.3	21.6	13:41	-	-	-
13:42	21.5	21.6	13:42	-	-	-
13:43	22.8	21.7	13:43	-	-	-
13:44	21.5	21.7	13:44	-	-	-

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PARTICULATE DATA						
Upwind			Downwind			Exceeds Particulate Alarm Limit
Time	Concentration (ug/m ³)	15-Min Avg Concentration (ug/m ³)	Time	Concentration (ug/m ³)	15-Min Avg Concentration (ug/m ³)	
13:45	21.8	21.6	13:45	-	-	-
13:46	22.0	21.7	13:46	-	-	-
13:47	21.5	21.7	13:47	-	-	-
13:48	22.3	21.7	13:48	-	-	-
13:49	22.5	21.8	13:49	-	-	-
13:50	22.3	21.9	13:50	-	-	-
13:51	21.5	21.9	13:51	-	-	-
13:52	22.5	22.0	13:52	-	-	-
13:53	22.3	22.1	13:53	-	-	-
13:54	22.0	22.0	13:54	-	-	-
13:55	21.8	22.0	13:55	-	-	-
13:56	22.3	22.0	13:56	-	-	-
13:57	22.5	22.1	13:57	-	-	-
13:58	22.0	22.0	13:58	-	-	-
13:59	22.8	22.1	13:59	-	-	-
14:00	21.5	22.1	14:00	-	-	-
14:01	24.0	22.2	14:01	-	-	-
14:02	23.0	22.3	14:02	-	-	-
14:03	21.8	22.3	14:03	-	-	-
14:04	22.0	22.3	14:04	-	-	-
14:05	22.0	22.3	14:05	-	-	-
14:06	22.0	22.3	14:06	-	-	-
14:07	22.8	22.3	14:07	-	-	-
14:08	23.0	22.4	14:08	-	-	-
14:09	22.5	22.4	14:09	-	-	-
14:10	22.8	22.5	14:10	-	-	-
14:11	22.3	22.5	14:11	-	-	-
14:12	23.0	22.5	14:12	-	-	-
14:13	22.0	22.5	14:13	-	-	-
14:14	22.5	22.5	14:14	-	-	-
14:15	24.3	22.7	14:15	-	-	-
14:16	22.3	22.5	14:16	-	-	-
14:17	22.8	22.5	14:17	-	-	-
14:18	22.5	22.6	14:18	-	-	-
14:19	22.8	22.6	14:19	-	-	-
14:20	22.3	22.6	14:20	-	-	-
14:21	22.8	22.7	14:21	-	-	-
14:22	22.3	22.7	14:22	-	-	-
14:23	23.8	22.7	14:23	-	-	-
14:24	23.5	22.8	14:24	-	-	-
14:25	21.8	22.7	14:25	-	-	-
14:26	22.0	22.7	14:26	-	-	-
14:27	22.5	22.7	14:27	-	-	-
14:28	22.8	22.7	14:28	-	-	-
14:29	22.3	22.7	14:29	-	-	-
14:30	21.8	22.5	14:30	-	-	-
14:31	23.5	22.6	14:31	-	-	-

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PARTICULATE DATA						
Upwind			Downwind			Exceeds Particulate Alarm Limit
Time	Concentration (ug/m ³)	15-Min Avg Concentration (ug/m ³)	Time	Concentration (ug/m ³)	15-Min Avg Concentration (ug/m ³)	
14:32	22.0	22.6	14:32	-	-	-
14:33	23.0	22.6	14:33	-	-	-
14:34	22.3	22.6	14:34	-	-	-
14:35	22.3	22.6	14:35	-	-	-
14:36	22.5	22.5	14:36	-	-	-
14:37	24.0	22.7	14:37	-	-	-
14:38	22.5	22.6	14:38	-	-	-
14:39	23.5	22.6	14:39	-	-	-
14:40	23.0	22.7	14:40	-	-	-
14:41	22.3	22.7	14:41	-	-	-
14:42	23.5	22.7	14:42	-	-	-
14:43	24.3	22.8	14:43	-	-	-
14:44	23.3	22.9	14:44	-	-	-
14:45	23.8	23.0	14:45	-	-	-
14:46	23.3	23.0	14:46	-	-	-
14:47	22.5	23.1	14:47	-	-	-
14:48	23.5	23.1	14:48	-	-	-
14:49	24.5	23.2	14:49	-	-	-
14:50	24.0	23.4	14:50	-	-	-
14:51	23.0	23.4	14:51	-	-	-
14:52	24.5	23.4	14:52	-	-	-
14:53	23.0	23.5	14:53	-	-	-
14:54	22.8	23.4	14:54	-	-	-
14:55	23.8	23.5	14:55	-	-	-
14:56	23.5	23.5	14:56	-	-	-
14:57	23.3	23.5	14:57	-	-	-
14:58	23.5	23.5	14:58	-	-	-
14:59	24.0	23.5	14:59	-	-	-
15:00	23.8	23.5	15:00	-	-	-
15:01	24.0	23.6	15:01	-	-	-
15:02	24.3	23.7	15:02	-	-	-
15:03	23.8	23.7	15:03	-	-	-
15:04	24.0	23.7	15:04	-	-	-
15:05	22.5	23.6	15:05	-	-	-
15:06	23.3	23.6	15:06	-	-	-
15:07	23.3	23.5	15:07	-	-	-
15:08	23.3	23.5	15:08	-	-	-
15:09	23.8	23.6	15:09	-	-	-
15:10	24.5	23.6	15:10	-	-	-
15:11	23.5	23.6	15:11	-	-	-
15:12	24.0	23.7	15:12	-	-	-
15:13	23.3	23.7	15:13	-	-	-
15:14	23.5	23.6	15:14	-	-	-
15:15	27.8	23.9	15:15	-	-	-

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Wednesday, September 27, 2023						
Number of Instances Where Downwind VOCs Exceeds Upwind VOCs + 5 =						0
Number of Comparable Data Points =						197
Start Time:						7:35
End Time:						15:15
PID DATA						
Upwind			Downwind			Exceeds VOC Alarm Limit
Time	Concentration (ppm)	15-Min Avg Concentration (ppm)	Time	Concentration (ppm)	15-Min Avg Concentration (ppm)	
7:35	0.0	-	7:35	-	-	-
7:36	0.0	-	7:36	0.0	-	-
7:37	0.0	-	7:37	0.0	-	-
7:38	0.0	-	7:38	0.0	-	-
7:39	0.0	-	7:39	0.0	-	-
7:40	0.0	-	7:40	0.0	-	-
7:41	0.0	-	7:41	0.0	-	-
7:42	0.0	-	7:42	0.0	-	-
7:43	0.0	-	7:43	0.0	-	-
7:44	0.0	-	7:44	0.0	-	-
7:45	0.0	-	7:45	0.0	-	-
7:46	0.0	-	7:46	0.0	-	-
7:47	0.0	-	7:47	0.0	-	-
7:48	0.0	-	7:48	0.0	-	-
7:49	0.0	-	7:49	0.0	-	-
7:50	0.0	0.0	7:50	0.0	-	-
7:51	0.0	0.0	7:51	0.0	0.0	-
7:52	0.0	0.0	7:52	0.0	0.0	-
7:53	0.0	0.0	7:53	0.0	0.0	-
7:54	0.0	0.0	7:54	0.0	0.0	-
7:55	0.0	0.0	7:55	0.0	0.0	-
7:56	0.0	0.0	7:56	0.0	0.0	-
7:57	0.0	0.0	7:57	0.0	0.0	-
7:58	0.0	0.0	7:58	0.0	0.0	-
7:59	0.0	0.0	7:59	0.0	0.0	-
8:00	0.0	0.0	8:00	0.0	0.0	-
8:01	0.0	0.0	8:01	0.0	0.0	-
8:02	0.0	0.0	8:02	0.0	0.0	-
8:03	0.0	0.0	8:03	0.0	0.0	-
8:04	0.0	0.0	8:04	0.0	0.0	-
8:05	0.0	0.0	8:05	0.0	0.0	-
8:06	0.0	0.0	8:06	0.0	0.0	-
8:07	0.0	0.0	8:07	0.0	0.0	-
8:08	0.0	0.0	8:08	0.0	0.0	-
8:09	0.0	0.0	8:09	0.0	0.0	-
8:10	0.0	0.0	8:10	0.0	0.0	-
8:11	0.0	0.0	8:11	0.0	0.0	-
8:12	0.0	0.0	8:12	0.0	0.0	-
8:13	0.0	0.0	8:13	0.0	0.0	-
8:14	0.0	0.0	8:14	0.0	0.0	-
8:15	0.0	0.0	8:15	0.0	0.0	-
8:16	0.0	0.0	8:16	0.0	0.0	-

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PID DATA						
Upwind			Downwind			Exceeds VOC Alarm Limit
Time	Concentration (ppm)	15-Min Avg Concentration (ppm)	Time	Concentration (ppm)	15-Min Avg Concentration (ppm)	
8:17	0.0	0.0	8:17	0.0	0.0	-
8:18	0.0	0.0	8:18	0.0	0.0	-
8:19	0.0	0.0	8:19	0.0	0.0	-
8:20	0.0	0.0	8:20	0.0	0.0	-
8:21	0.0	0.0	8:21	0.0	0.0	-
8:22	0.0	0.0	8:22	0.0	0.0	-
8:23	0.0	0.0	8:23	0.0	0.0	-
8:24	0.0	0.0	8:24	0.0	0.0	-
8:25	0.0	0.0	8:25	0.0	0.0	-
8:26	0.0	0.0	8:26	0.0	0.0	-
8:27	0.0	0.0	8:27	0.0	0.0	-
8:28	0.0	0.0	8:28	0.0	0.0	-
8:29	0.0	0.0	8:29	0.0	0.0	-
8:30	0.0	0.0	8:30	0.0	0.0	-
8:31	0.0	0.0	8:31	0.0	0.0	-
8:32	0.0	0.0	8:32	0.0	0.0	-
8:33	0.0	0.0	8:33	0.0	0.0	-
8:34	0.0	0.0	8:34	0.0	0.0	-
8:35	0.0	0.0	8:35	0.0	0.0	-
8:36	0.0	0.0	8:36	0.0	0.0	-
8:37	0.0	0.0	8:37	0.0	0.0	-
8:38	0.0	0.0	8:38	0.0	0.0	-
8:39	0.0	0.0	8:39	0.0	0.0	-
8:40	0.0	0.0	8:40	0.0	0.0	-
8:41	0.0	0.0	8:41	0.0	0.0	-
8:42	0.0	0.0	8:42	0.0	0.0	-
8:43	0.0	0.0	8:43	0.0	0.0	-
8:44	0.0	0.0	8:44	0.0	0.0	-
8:45	0.0	0.0	8:45	0.0	0.0	-
8:46	0.0	0.0	8:46	0.0	0.0	-
8:47	0.0	0.0	8:47	0.0	0.0	-
8:48	0.0	0.0	8:48	0.0	0.0	-
8:49	0.0	0.0	8:49	0.0	0.0	-
8:50	0.0	0.0	8:50	0.0	0.0	-
8:51	0.0	0.0	8:51	0.0	0.0	-
8:52	0.0	0.0	8:52	0.0	0.0	-
8:53	0.0	0.0	8:53	0.0	0.0	-
8:54	0.0	0.0	8:54	0.0	0.0	-
8:55	0.0	0.0	8:55	0.0	0.0	-
8:56	0.0	0.0	8:56	0.0	0.0	-
8:57	0.0	0.0	8:57	0.0	0.0	-
8:58	0.0	0.0	8:58	0.0	0.0	-
8:59	0.0	0.0	8:59	0.0	0.0	-
9:00	0.0	0.0	9:00	0.0	0.0	-
9:01	0.0	0.0	9:01	0.0	0.0	-
9:02	0.0	0.0	9:02	0.0	0.0	-
9:03	0.0	0.0	9:03	0.0	0.0	-
9:04	0.0	0.0	9:04	0.0	0.0	-

CAMP Data
Sun Valley Nursery Filling Station Site
Ossining, New York
BCP No C360207
September 27, 2023

PID DATA						
Upwind			Downwind			Exceeds VOC Alarm Limit
Time	Concentration (ppm)	15-Min Avg Concentration (ppm)	Time	Concentration (ppm)	15-Min Avg Concentration (ppm)	
9:05	0.0	0.0	9:05	0.0	0.0	-
9:06	0.0	0.0	9:06	0.0	0.0	-
9:07	0.0	0.0	9:07	0.0	0.0	-
9:08	0.0	0.0	9:08	0.0	0.0	-
9:09	0.0	0.0	9:09	0.0	0.0	-
9:10	0.0	0.0	9:10	0.0	0.0	-
9:11	0.0	0.0	9:11	0.0	0.0	-
9:12	0.0	0.0	9:12	0.0	0.0	-
9:13	0.0	0.0	9:13	0.0	0.0	-
9:14	0.0	0.0	9:14	0.0	0.0	-
9:15	0.0	0.0	9:15	0.0	0.0	-
9:16	0.0	0.0	9:16	0.0	0.0	-
9:17	0.0	0.0	9:17	0.0	0.0	-
9:18	0.0	0.0	9:18	0.0	0.0	-
9:19	0.0	0.0	9:19	0.0	0.0	-
9:20	0.0	0.0	9:20	0.0	0.0	-
9:21	0.0	0.0	9:21	0.0	0.0	-
9:22	0.0	0.0	9:22	0.0	0.0	-
9:23	0.0	0.0	9:23	0.0	0.0	-
9:24	0.0	0.0	9:24	0.0	0.0	-
9:25	0.0	0.0	9:25	0.0	0.0	-
9:26	0.0	0.0	9:26	0.0	0.0	-
9:27	0.0	0.0	9:27	0.0	0.0	-
9:28	0.0	0.0	9:28	0.0	0.0	-
9:29	0.0	0.0	9:29	0.0	0.0	-
9:30	0.0	0.0	9:30	0.0	0.0	-
9:31	0.0	0.0	9:31	0.0	0.0	-
9:32	0.0	0.0	9:32	0.0	0.0	-
9:33	0.0	0.0	9:33	0.0	0.0	-
9:34	0.0	0.0	9:34	0.0	0.0	-
9:35	0.0	0.0	9:35	0.0	0.0	-
9:36	0.0	0.0	9:36	0.0	0.0	-
9:37	0.0	0.0	9:37	0.0	0.0	-
9:38	0.0	0.0	9:38	0.0	0.0	-
9:39	0.0	0.0	9:39	0.0	0.0	-
9:40	0.0	0.0	9:40	0.0	0.0	-
9:41	0.0	0.0	9:41	0.0	0.0	-
9:42	0.0	0.0	9:42	0.0	0.0	-
9:43	0.0	0.0	9:43	0.0	0.0	-
9:44	0.0	0.0	9:44	0.0	0.0	-
9:45	0.0	0.0	9:45	0.0	0.0	-
9:46	0.0	0.0	9:46	0.0	0.0	-
9:47	0.0	0.0	9:47	0.0	0.0	-
9:48	0.0	0.0	9:48	0.0	0.0	-
9:49	0.0	0.0	9:49	0.0	0.0	-
9:50	0.0	0.0	9:50	0.0	0.0	-
9:51	0.0	0.0	9:51	0.0	0.0	-
9:52	0.0	0.0	9:52	0.0	0.0	-

CAMP Data
Sun Valley Nursery Filling Station Site
Ossining, New York
BCP No C360207
September 27, 2023

PID DATA						
Upwind			Downwind			Exceeds VOC Alarm Limit
Time	Concentration (ppm)	15-Min Avg Concentration (ppm)	Time	Concentration (ppm)	15-Min Avg Concentration (ppm)	
9:53	0.0	0.0	9:53	0.0	0.0	-
9:54	0.0	0.0	9:54	0.0	0.0	-
9:55	0.0	0.0	9:55	0.0	0.0	-
9:56	0.0	0.0	9:56	0.0	0.0	-
9:57	0.0	0.0	9:57	0.0	0.0	-
9:58	0.0	0.0	9:58	0.0	0.0	-
9:59	0.0	0.0	9:59	0.0	0.0	-
10:00	0.0	0.0	10:00	0.0	0.0	-
10:01	0.0	0.0	10:01	0.0	0.0	-
10:02	0.0	0.0	10:02	0.0	0.0	-
10:03	0.0	0.0	10:03	0.0	0.0	-
10:04	0.0	0.0	10:04	0.0	0.0	-
10:05	0.0	0.0	10:05	0.0	0.0	-
10:06	0.0	0.0	10:06	0.0	0.0	-
10:07	0.0	0.0	10:07	0.0	0.0	-
10:08	0.0	0.0	10:08	0.0	0.0	-
10:09	0.0	0.0	10:09	0.0	0.0	-
10:10	0.0	0.0	10:10	0.0	0.0	-
10:11	0.0	0.0	10:11	0.0	0.0	-
10:12	0.0	0.0	10:12	0.0	0.0	-
10:13	0.0	0.0	10:13	0.0	0.0	-
10:14	0.0	0.0	10:14	0.0	0.0	-
10:15	0.0	0.0	10:15	0.0	0.0	-
10:16	0.0	0.0	10:16	0.0	0.0	-
10:17	0.0	0.0	10:17	0.0	0.0	-
10:18	0.0	0.0	10:18	0.0	0.0	-
10:19	0.0	0.0	10:19	0.0	0.0	-
10:20	0.0	0.0	10:20	0.0	0.0	-
10:21	0.0	0.0	10:21	0.0	0.0	-
10:22	0.0	0.0	10:22	0.0	0.0	-
10:23	0.0	0.0	10:23	0.0	0.0	-
10:24	0.0	0.0	10:24	0.0	0.0	-
10:25	0.0	0.0	10:25	0.0	0.0	-
10:26	0.0	0.0	10:26	0.0	0.0	-
10:27	0.0	0.0	10:27	0.0	0.0	-
10:28	0.0	0.0	10:28	0.0	0.0	-
10:29	0.0	0.0	10:29	0.0	0.0	-
10:30	0.0	0.0	10:30	0.0	0.0	-
10:31	0.0	0.0	10:31	0.0	0.0	-
10:32	0.0	0.0	10:32	0.0	0.0	-
10:33	0.0	0.0	10:33	0.0	0.0	-
10:34	0.0	0.0	10:34	0.0	0.0	-
10:35	0.0	0.0	10:35	0.0	0.0	-
10:36	0.0	0.0	10:36	0.0	0.0	-
10:37	0.0	0.0	10:37	0.0	0.0	-
10:38	0.0	0.0	10:38	0.0	0.0	-
10:39	0.0	0.0	10:39	0.0	0.0	-
10:40	0.0	0.0	10:40	0.0	0.0	-

CAMP Data
Sun Valley Nursery Filling Station Site
Ossining, New York
BCP No C360207
September 27, 2023

PID DATA						
Upwind			Downwind			Exceeds VOC Alarm Limit
Time	Concentration (ppm)	15-Min Avg Concentration (ppm)	Time	Concentration (ppm)	15-Min Avg Concentration (ppm)	
10:41	0.0	0.0	10:41	0.0	0.0	-
10:42	0.0	0.0	10:42	0.0	0.0	-
10:43	0.0	0.0	10:43	0.0	0.0	-
10:44	0.0	0.0	10:44	0.0	0.0	-
10:45	0.0	0.0	10:45	0.0	0.0	-
10:46	0.0	0.0	10:46	0.0	0.0	-
10:47	0.0	0.0	10:47	0.0	0.0	-
10:48	0.0	0.0	10:48	0.0	0.0	-
10:49	0.0	0.0	10:49	0.0	0.0	-
10:50	0.0	0.0	10:50	0.0	0.0	-
10:51	0.0	0.0	10:51	0.0	0.0	-
10:52	0.0	0.0	10:52	0.0	0.0	-
10:53	0.0	0.0	10:53	0.0	0.0	-
10:54	0.0	0.0	10:54	0.0	0.0	-
10:55	0.0	0.0	10:55	0.0	0.0	-
10:56	0.0	0.0	10:56	0.0	0.0	-
10:57	0.0	0.0	10:57	0.0	0.0	-
10:58	0.0	0.0	10:58	0.0	0.0	-
10:59	0.0	0.0	10:59	0.0	0.0	-
11:00	0.0	0.0	11:00	0.0	0.0	-
11:01	0.0	0.0	11:01	0.0	0.0	-
11:02	0.0	0.0	11:02	0.0	0.0	-
11:03	0.0	0.0	11:03	0.0	0.0	-
11:04	0.0	0.0	11:04	0.0	0.0	-
11:05	0.0	0.0	11:05	0.0	0.0	-
11:06	0.0	0.0	11:06	0.0	0.0	-
11:07	0.0	0.0	11:07	0.0	0.0	-
11:08	-	-	11:08	0.0	0.0	-
11:09	-	-	11:09	0.0	0.0	-
11:10	-	-	11:10	0.0	0.0	-
11:11	-	-	11:11	0.0	0.0	-
11:12	-	-	11:12	0.0	0.0	-
11:13	-	-	11:13	0.0	0.0	-
11:14	-	-	11:14	0.0	0.0	-
11:15	-	-	11:15	0.0	0.0	-
11:16	-	-	11:16	0.0	0.0	-
11:17	-	-	11:17	0.0	0.0	-
11:18	-	-	11:18	0.0	0.0	-
11:19	-	-	11:19	0.0	0.0	-
11:20	-	-	11:20	0.0	0.0	-
11:21	-	-	11:21	0.0	0.0	-
11:22	-	-	11:22	0.0	0.0	-
11:23	-	-	11:23	0.0	0.0	-
11:24	-	-	11:24	0.0	0.0	-
11:25	0.0	-	11:25	-	-	-
11:26	0.0	-	11:26	-	-	-
11:27	0.0	-	11:27	-	-	-
11:28	0.0	-	11:28	-	-	-

CAMP Data
Sun Valley Nursery Filling Station Site
Ossining, New York
BCP No C360207
September 27, 2023

PID DATA						
Upwind			Downwind			Exceeds VOC Alarm Limit
Time	Concentration (ppm)	15-Min Avg Concentration (ppm)	Time	Concentration (ppm)	15-Min Avg Concentration (ppm)	
11:29	0.0	-	11:29	-	-	-
11:30	0.0	-	11:30	-	-	-
11:31	0.0	-	11:31	-	-	-
11:32	0.0	-	11:32	-	-	-
11:33	0.0	-	11:33	-	-	-
11:34	0.0	-	11:34	-	-	-
11:35	0.0	-	11:35	-	-	-
11:36	0.0	-	11:36	-	-	-
11:37	0.0	-	11:37	-	-	-
11:38	0.0	-	11:38	-	-	-
11:39	0.0	-	11:39	-	-	-
11:40	0.0	0.0	11:40	-	-	-
11:41	0.0	0.0	11:41	-	-	-
11:42	0.0	0.0	11:42	-	-	-
11:43	0.0	0.0	11:43	-	-	-
11:44	0.0	0.0	11:44	-	-	-
11:45	0.0	0.0	11:45	-	-	-
11:46	0.0	0.0	11:46	-	-	-
11:47	0.0	0.0	11:47	-	-	-
11:48	0.0	0.0	11:48	-	-	-
11:49	0.0	0.0	11:49	-	-	-
11:50	0.0	0.0	11:50	-	-	-
11:51	0.0	0.0	11:51	-	-	-
11:52	0.0	0.0	11:52	-	-	-
11:53	0.0	0.0	11:53	-	-	-
11:54	0.0	0.0	11:54	-	-	-
11:55	0.0	0.0	11:55	-	-	-
11:56	0.0	0.0	11:56	-	-	-
11:57	0.0	0.0	11:57	-	-	-
11:58	0.0	0.0	11:58	-	-	-
11:59	0.0	0.0	11:59	-	-	-
12:00	0.0	0.0	12:00	-	-	-
12:01	0.0	0.0	12:01	-	-	-
12:02	0.0	0.0	12:02	-	-	-
12:03	0.0	0.0	12:03	-	-	-
12:04	0.0	0.0	12:04	-	-	-
12:05	0.0	0.0	12:05	-	-	-
12:06	0.0	0.0	12:06	-	-	-
12:07	0.0	0.0	12:07	-	-	-
12:08	0.0	0.0	12:08	-	-	-
12:09	0.0	0.0	12:09	-	-	-
12:10	0.0	0.0	12:10	-	-	-
12:11	0.0	0.0	12:11	-	-	-
12:12	0.0	0.0	12:12	-	-	-
12:13	0.0	0.0	12:13	-	-	-
12:14	0.0	0.0	12:14	-	-	-
12:15	0.0	0.0	12:15	-	-	-
12:16	0.0	0.0	12:16	-	-	-

CAMP Data
Sun Valley Nursery Filling Station Site
Ossining, New York
BCP No C360207
September 27, 2023

PID DATA						
Upwind			Downwind			Exceeds VOC Alarm Limit
Time	Concentration (ppm)	15-Min Avg Concentration (ppm)	Time	Concentration (ppm)	15-Min Avg Concentration (ppm)	
12:17	0.0	0.0	12:17	-	-	-
12:18	0.0	0.0	12:18	-	-	-
12:19	0.0	0.0	12:19	-	-	-
12:20	0.0	0.0	12:20	-	-	-
12:21	0.0	0.0	12:21	-	-	-
12:22	0.0	0.0	12:22	-	-	-
12:23	0.0	0.0	12:23	-	-	-
12:24	0.0	0.0	12:24	-	-	-
12:25	0.0	0.0	12:25	-	-	-
12:26	0.0	0.0	12:26	-	-	-
12:27	0.0	0.0	12:27	-	-	-
12:28	0.0	0.0	12:28	-	-	-
12:29	0.0	0.0	12:29	-	-	-
12:30	0.0	0.0	12:30	-	-	-
12:31	0.0	0.0	12:31	-	-	-
12:32	0.0	0.0	12:32	-	-	-
12:33	0.0	0.0	12:33	-	-	-
12:34	0.0	0.0	12:34	-	-	-
12:35	0.0	0.0	12:35	-	-	-
12:36	0.0	0.0	12:36	-	-	-
12:37	0.0	0.0	12:37	-	-	-
12:38	0.0	0.0	12:38	-	-	-
12:39	0.0	0.0	12:39	-	-	-
12:40	0.0	0.0	12:40	-	-	-
12:41	0.0	0.0	12:41	-	-	-
12:42	0.0	0.0	12:42	-	-	-
12:43	0.0	0.0	12:43	-	-	-
12:44	0.0	0.0	12:44	-	-	-
12:45	0.0	0.0	12:45	-	-	-
12:46	0.0	0.0	12:46	-	-	-
12:47	0.0	0.0	12:47	-	-	-
12:48	0.0	0.0	12:48	-	-	-
12:49	0.0	0.0	12:49	-	-	-
12:50	0.0	0.0	12:50	-	-	-
12:51	0.0	0.0	12:51	-	-	-
12:52	0.0	0.0	12:52	-	-	-
12:53	0.0	0.0	12:53	-	-	-
12:54	0.0	0.0	12:54	-	-	-
12:55	0.0	0.0	12:55	-	-	-
12:56	0.0	0.0	12:56	-	-	-
12:57	0.0	0.0	12:57	-	-	-
12:58	0.0	0.0	12:58	-	-	-
12:59	0.0	0.0	12:59	-	-	-
13:00	0.0	0.0	13:00	-	-	-
13:01	0.0	0.0	13:01	-	-	-
13:02	0.0	0.0	13:02	-	-	-
13:03	0.0	0.0	13:03	-	-	-
13:04	0.0	0.0	13:04	-	-	-

CAMP Data
Sun Valley Nursery Filling Station Site
Ossining, New York
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September 27, 2023

PID DATA						
Upwind			Downwind			Exceeds VOC Alarm Limit
Time	Concentration (ppm)	15-Min Avg Concentration (ppm)	Time	Concentration (ppm)	15-Min Avg Concentration (ppm)	
13:05	0.0	0.0	13:05	-	-	-
13:06	0.0	0.0	13:06	-	-	-
13:07	0.0	0.0	13:07	-	-	-
13:08	0.0	0.0	13:08	-	-	-
13:09	0.0	0.0	13:09	-	-	-
13:10	0.0	0.0	13:10	-	-	-
13:11	0.0	0.0	13:11	-	-	-
13:12	0.0	0.0	13:12	-	-	-
13:13	0.0	0.0	13:13	-	-	-
13:14	0.0	0.0	13:14	-	-	-
13:15	0.0	0.0	13:15	-	-	-
13:16	0.0	0.0	13:16	-	-	-
13:17	0.0	0.0	13:17	-	-	-
13:18	0.0	0.0	13:18	-	-	-
13:19	0.0	0.0	13:19	-	-	-
13:20	0.0	0.0	13:20	-	-	-
13:21	0.0	0.0	13:21	-	-	-
13:22	0.0	0.0	13:22	-	-	-
13:23	0.0	0.0	13:23	-	-	-
13:24	0.0	0.0	13:24	-	-	-
13:25	0.0	0.0	13:25	-	-	-
13:26	0.0	0.0	13:26	-	-	-
13:27	0.0	0.0	13:27	-	-	-
13:28	0.0	0.0	13:28	-	-	-
13:29	0.0	0.0	13:29	-	-	-
13:30	0.0	0.0	13:30	-	-	-
13:31	0.0	0.0	13:31	-	-	-
13:32	0.0	0.0	13:32	-	-	-
13:33	0.0	0.0	13:33	-	-	-
13:34	0.0	0.0	13:34	-	-	-
13:35	0.0	0.0	13:35	-	-	-
13:36	0.0	0.0	13:36	-	-	-
13:37	0.0	0.0	13:37	-	-	-
13:38	0.0	0.0	13:38	-	-	-
13:39	0.0	0.0	13:39	-	-	-
13:40	0.0	0.0	13:40	-	-	-
13:41	0.0	0.0	13:41	-	-	-
13:42	0.0	0.0	13:42	-	-	-
13:43	0.0	0.0	13:43	-	-	-
13:44	0.0	0.0	13:44	-	-	-
13:45	0.0	0.0	13:45	-	-	-
13:46	0.0	0.0	13:46	-	-	-
13:47	0.0	0.0	13:47	-	-	-
13:48	0.0	0.0	13:48	-	-	-
13:49	0.0	0.0	13:49	-	-	-
13:50	0.0	0.0	13:50	-	-	-
13:51	0.0	0.0	13:51	-	-	-
13:52	0.0	0.0	13:52	-	-	-

CAMP Data
Sun Valley Nursery Filling Station Site
Ossining, New York
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PID DATA						
Upwind			Downwind			Exceeds VOC Alarm Limit
Time	Concentration (ppm)	15-Min Avg Concentration (ppm)	Time	Concentration (ppm)	15-Min Avg Concentration (ppm)	
13:53	0.0	0.0	13:53	-	-	-
13:54	0.0	0.0	13:54	-	-	-
13:55	0.0	0.0	13:55	-	-	-
13:56	0.0	0.0	13:56	-	-	-
13:57	0.0	0.0	13:57	-	-	-
13:58	0.0	0.0	13:58	-	-	-
13:59	0.0	0.0	13:59	-	-	-
14:00	0.0	0.0	14:00	-	-	-
14:01	0.0	0.0	14:01	-	-	-
14:02	0.0	0.0	14:02	-	-	-
14:03	0.0	0.0	14:03	-	-	-
14:04	0.0	0.0	14:04	-	-	-
14:05	0.0	0.0	14:05	-	-	-
14:06	0.0	0.0	14:06	-	-	-
14:07	0.0	0.0	14:07	-	-	-
14:08	0.0	0.0	14:08	-	-	-
14:09	0.0	0.0	14:09	-	-	-
14:10	0.0	0.0	14:10	-	-	-
14:11	0.0	0.0	14:11	-	-	-
14:12	0.0	0.0	14:12	-	-	-
14:13	0.0	0.0	14:13	-	-	-
14:14	0.0	0.0	14:14	-	-	-
14:15	0.0	0.0	14:15	-	-	-
14:16	0.0	0.0	14:16	-	-	-
14:17	0.0	0.0	14:17	-	-	-
14:18	0.0	0.0	14:18	-	-	-
14:19	0.0	0.0	14:19	-	-	-
14:20	0.0	0.0	14:20	-	-	-
14:21	0.0	0.0	14:21	-	-	-
14:22	0.0	0.0	14:22	-	-	-
14:23	0.0	0.0	14:23	-	-	-
14:24	0.0	0.0	14:24	-	-	-
14:25	0.0	0.0	14:25	-	-	-
14:26	0.0	0.0	14:26	-	-	-
14:27	0.0	0.0	14:27	-	-	-
14:28	0.0	0.0	14:28	-	-	-
14:29	0.0	0.0	14:29	-	-	-
14:30	0.0	0.0	14:30	-	-	-
14:31	0.0	0.0	14:31	-	-	-
14:32	0.0	0.0	14:32	-	-	-
14:33	0.0	0.0	14:33	-	-	-
14:34	0.0	0.0	14:34	-	-	-
14:35	0.0	0.0	14:35	-	-	-
14:36	0.0	0.0	14:36	-	-	-
14:37	0.0	0.0	14:37	-	-	-
14:38	0.0	0.0	14:38	-	-	-
14:39	0.0	0.0	14:39	-	-	-
14:40	0.0	0.0	14:40	-	-	-

CAMP Data
Sun Valley Nursery Filling Station Site
Ossining, New York
BCP No C360207
September 27, 2023

PID DATA						
Upwind			Downwind			Exceeds VOC Alarm Limit
Time	Concentration (ppm)	15-Min Avg Concentration (ppm)	Time	Concentration (ppm)	15-Min Avg Concentration (ppm)	
14:41	0.0	0.0	14:41	-	-	-
14:42	0.0	0.0	14:42	-	-	-
14:43	0.0	0.0	14:43	-	-	-
14:44	0.0	0.0	14:44	-	-	-
14:45	0.0	0.0	14:45	-	-	-
14:46	0.0	0.0	14:46	-	-	-
14:47	0.0	0.0	14:47	-	-	-
14:48	0.0	0.0	14:48	-	-	-
14:49	0.0	0.0	14:49	-	-	-
14:50	0.0	0.0	14:50	-	-	-
14:51	0.0	0.0	14:51	-	-	-
14:52	0.0	0.0	14:52	-	-	-
14:53	0.0	0.0	14:53	-	-	-
14:54	0.0	0.0	14:54	-	-	-
14:55	0.0	0.0	14:55	-	-	-
14:56	0.0	0.0	14:56	-	-	-
14:57	0.0	0.0	14:57	-	-	-
14:58	0.0	0.0	14:58	-	-	-
14:59	0.0	0.0	14:59	-	-	-
15:00	0.0	0.0	15:00	-	-	-
15:01	0.0	0.0	15:01	-	-	-
15:02	0.0	0.0	15:02	-	-	-
15:03	0.0	0.0	15:03	-	-	-
15:04	0.0	0.0	15:04	-	-	-
15:05	0.0	0.0	15:05	-	-	-
15:06	0.0	0.0	15:06	-	-	-
15:07	0.0	0.0	15:07	-	-	-
15:08	0.0	0.0	15:08	-	-	-
15:09	0.0	0.0	15:09	-	-	-
15:10	0.0	0.0	15:10	-	-	-
15:11	0.0	0.0	15:11	-	-	-
15:12	0.0	0.0	15:12	-	-	-
15:13	0.0	0.0	15:13	-	-	-
15:14	0.0	0.0	15:14	-	-	-
15:15	0.0	0.0	15:15	-	-	-



959 US-46 Floor 3, Suite 300 - Parsippany-Troy Hills, NJ

DAILY AIR MONITORING REPORT

136-140 Croton Avenue

Ossining, New York

09/28/2023

Rev. No. 0

Page 1 of 2

Project Number: 12060

Dust Action Level

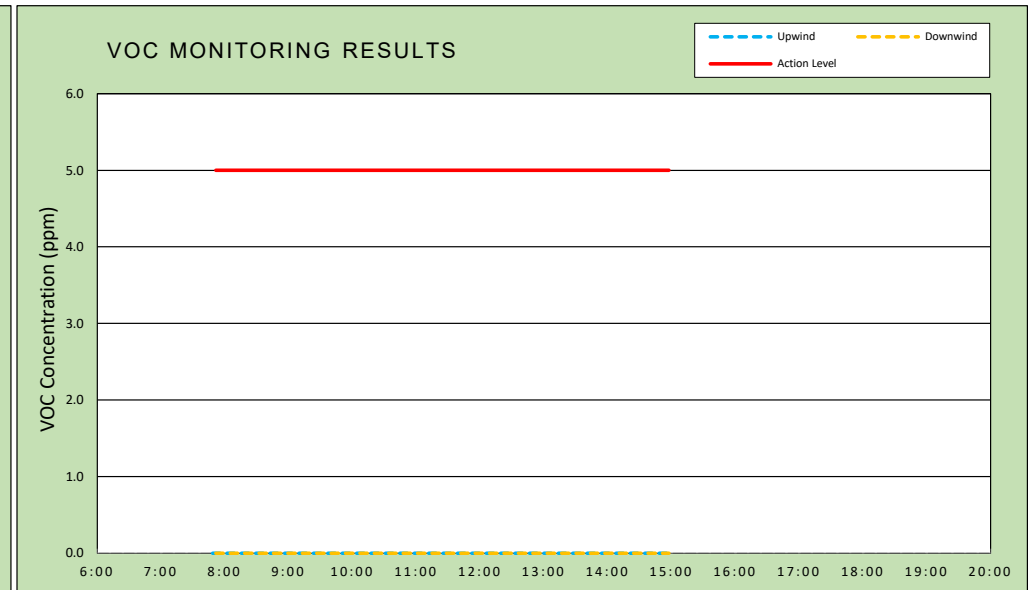
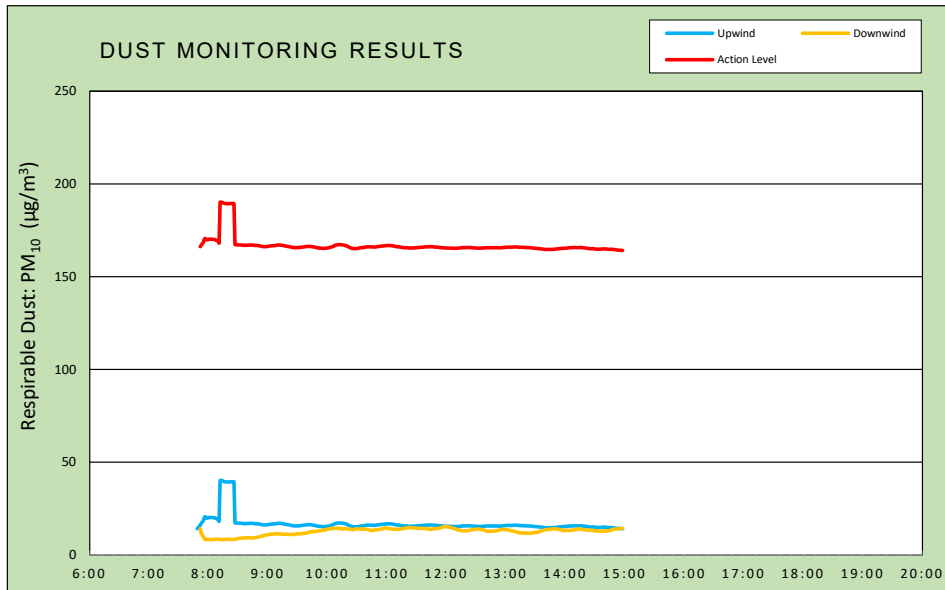
150 $\mu\text{g}/\text{m}^3$

VOC Action Level

5 ppm

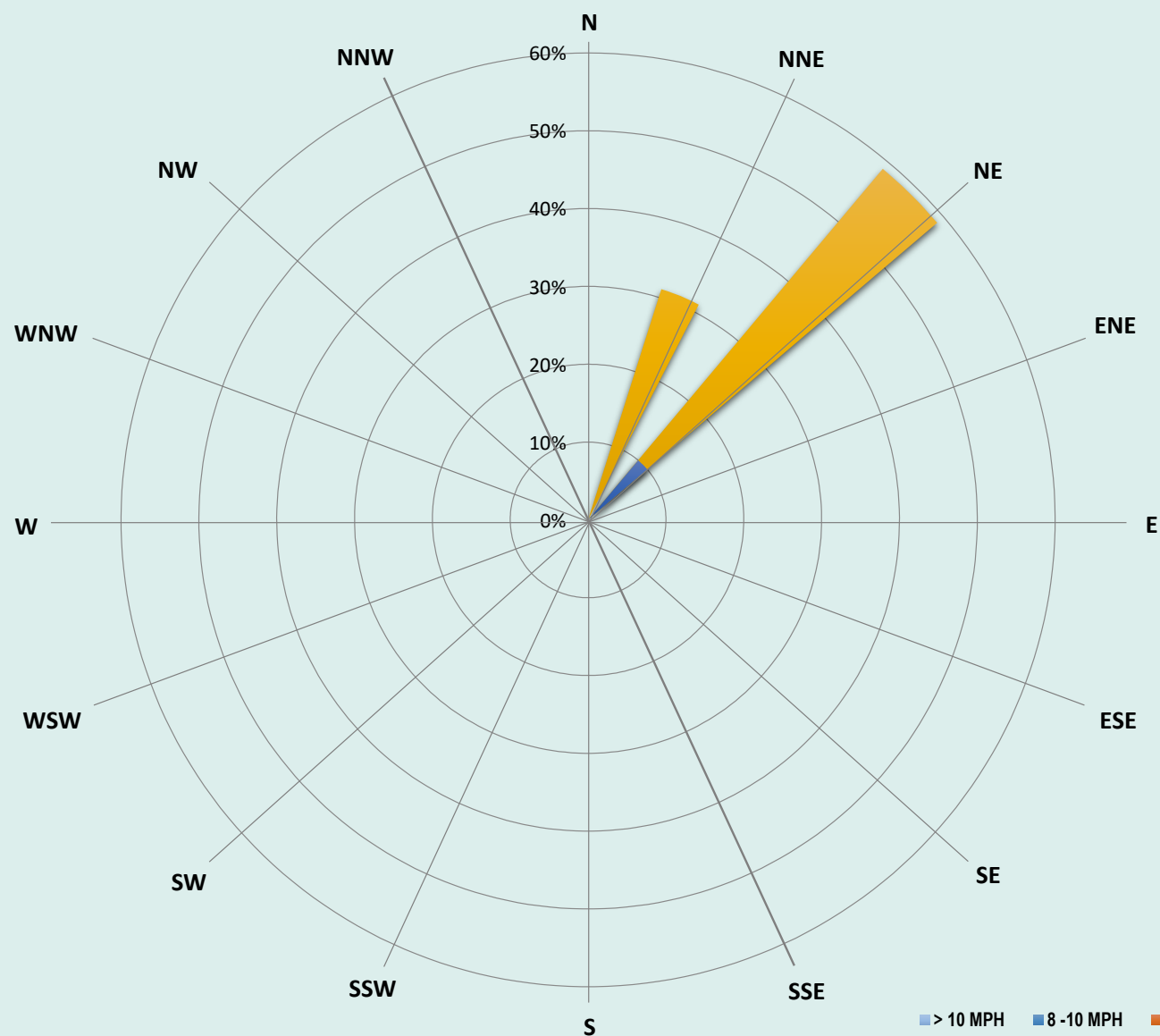
Weather Data Range for Work Day		Wind Direction	NE	Relative Humidity (%)	76.0 - 97.0	Daily Rain Total (in)	0.02	Readings in the summary table and graphs below are the reported downwind concentrations.
Temperature (°F)	51.0 - 63.0	Wind Speed (MPH)	1.7 - 3.3	Barometer (inHg)	30.30 - 30.30	Avg. Dew Point Temp (°F)	53.6	

Station Location	Daily Avg. Dust Concentration ($\mu\text{g}/\text{m}^3$)	Max 15-Min Dust Concentration ($\mu\text{g}/\text{m}^3$)	Time of Max Dust Reading	Daily Avg. VOC Concentration (ppm)	Max 15-Min VOC Concentration (ppm)	Time of Max VOC Reading
Upwind	16.7	40.2	8:12	0.0	0.0	7:49
Downwind	12.8	15.4	11:59	0.0	0.0	7:52



Air Monitoring Notes:

Weather Notes:



CAMP Data
Sun Valley Nursery Filling Station Site
Ossining, New York
BCP No C360207
September 28, 2023

Thursday, September 28, 2023						
Number of Instances Where Downwind Particulates Exceeds Upwind Particulate + 150 =						0
Number of Comparable Data Points =						427
Start Time:						7:34
End Time:						14:58
PARTICULATE DATA						
Upwind			Downwind			Exceeds Particulate Alarm Limit
Time	Concentration (ug/m ³)	15-Min Avg Concentration (ug/m ³)	Time	Concentration (ug/m ³)	15-Min Avg Concentration (ug/m ³)	
7:34	8.0	-	7:34	-	-	-
7:35	9.4	-	7:35	-	-	-
7:36	9.0	-	7:36	-	-	-
7:37	9.0	-	7:37	0.0	-	-
7:38	7.8	-	7:38	44.8	-	-
7:39	7.8	-	7:39	20.8	-	-
7:40	9.6	-	7:40	25.3	-	-
7:41	9.6	-	7:41	19.8	-	-
7:42	8.8	-	7:42	19.5	-	-
7:43	25.8	-	7:43	8.6	-	-
7:44	22.3	-	7:44	8.0	-	-
7:45	18.8	-	7:45	8.2	-	-
7:46	18.5	-	7:46	8.0	-	-
7:47	18.8	-	7:47	7.4	-	-
7:48	18.5	-	7:48	8.4	-	-
7:49	18.8	14.2	7:49	8.6	-	-
7:50	18.0	14.7	7:50	8.4	-	-
7:51	18.3	15.3	7:51	8.8	-	-
7:52	21.8	16.2	7:52	7.8	14.1	-
7:53	20.0	17.0	7:53	8.4	11.7	-
7:54	19.8	17.8	7:54	8.2	10.9	-
7:55	18.8	18.4	7:55	8.8	9.8	-
7:56	34.3	20.1	7:56	9.0	9.1	-
7:57	17.8	20.7	7:57	8.2	8.3	-
7:58	17.8	20.1	7:58	9.0	8.3	-
7:59	18.5	19.9	7:59	8.2	8.4	-
8:00	22.0	20.1	8:00	7.6	8.3	-
8:01	21.0	20.3	8:01	8.0	8.3	-
8:02	18.3	20.2	8:02	8.2	8.4	-
8:03	18.5	20.2	8:03	7.8	8.3	-
8:04	18.0	20.2	8:04	7.8	8.3	-
8:05	17.8	20.2	8:05	8.8	8.3	-
8:06	18.0	20.1	8:06	9.8	8.4	-
8:07	17.3	19.8	8:07	9.4	8.5	-
8:08	17.3	19.7	8:08	9.0	8.5	-
8:09	17.5	19.5	8:09	8.6	8.5	-
8:10	17.3	19.4	8:10	8.0	8.5	-
8:11	16.8	18.2	8:11	8.0	8.4	-
8:12	346.8	40.2	8:12	7.8	8.4	-
8:13	17.3	40.1	8:13	7.8	8.3	-
8:14	18.0	40.1	8:14	8.6	8.3	-

CAMP Data
Sun Valley Nursery Filling Station Site
Ossining, New York
BCP No C360207
September 28, 2023

PARTICULATE DATA						
Upwind			Downwind			Exceeds Particulate Alarm Limit
Time	Concentration (ug/m ³)	15-Min Avg Concentration (ug/m ³)	Time	Concentration (ug/m ³)	15-Min Avg Concentration (ug/m ³)	
8:15	17.8	39.8	8:15	8.4	8.4	-
8:16	17.3	39.6	8:16	7.6	8.4	-
8:17	17.0	39.5	8:17	8.4	8.4	-
8:18	17.5	39.4	8:18	8.4	8.4	-
8:19	17.5	39.4	8:19	8.8	8.5	-
8:20	17.5	39.4	8:20	8.8	8.5	-
8:21	18.3	39.4	8:21	9.2	8.5	-
8:22	17.8	39.4	8:22	8.8	8.4	-
8:23	17.8	39.5	8:23	8.2	8.4	-
8:24	17.0	39.4	8:24	8.6	8.4	-
8:25	16.8	39.4	8:25	8.4	8.4	-
8:26	16.8	39.4	8:26	7.6	8.4	-
8:27	16.3	17.4	8:27	9.0	8.4	-
8:28	17.3	17.4	8:28	9.8	8.6	-
8:29	16.5	17.3	8:29	10.0	8.7	-
8:30	16.3	17.2	8:30	9.6	8.7	-
8:31	16.5	17.1	8:31	9.8	8.9	-
8:32	18.3	17.2	8:32	10.3	9.0	-
8:33	16.3	17.1	8:33	9.5	9.1	-
8:34	16.5	17.0	8:34	9.3	9.1	-
8:35	17.0	17.0	8:35	9.3	9.1	-
8:36	17.8	17.0	8:36	10.0	9.2	-
8:37	17.0	16.9	8:37	8.5	9.2	-
8:38	18.0	16.9	8:38	9.0	9.2	-
8:39	17.3	17.0	8:39	9.3	9.3	-
8:40	17.8	17.0	8:40	8.5	9.3	-
8:41	17.0	17.0	8:41	8.8	9.4	-
8:42	17.0	17.1	8:42	8.3	9.3	-
8:43	17.3	17.1	8:43	8.3	9.2	-
8:44	16.0	17.1	8:44	9.5	9.2	-
8:45	16.3	17.1	8:45	10.5	9.2	-
8:46	16.0	17.0	8:46	10.8	9.3	-
8:47	15.8	16.9	8:47	9.5	9.3	-
8:48	16.5	16.9	8:48	11.3	9.4	-
8:49	16.3	16.9	8:49	11.8	9.5	-
8:50	16.3	16.8	8:50	10.8	9.6	-
8:51	16.3	16.7	8:51	11.3	9.7	-
8:52	16.3	16.7	8:52	11.5	9.9	-
8:53	15.8	16.5	8:53	10.3	10.0	-
8:54	15.3	16.4	8:54	11.3	10.1	-
8:55	16.0	16.3	8:55	11.0	10.3	-
8:56	16.8	16.2	8:56	11.5	10.5	-
8:57	16.5	16.2	8:57	11.3	10.7	-
8:58	17.3	16.2	8:58	9.5	10.8	-
8:59	17.8	16.3	8:59	10.5	10.8	-
9:00	16.5	16.3	9:00	11.3	10.9	-
9:01	17.5	16.4	9:01	12.3	11.0	-
9:02	17.3	16.5	9:02	12.0	11.2	-

CAMP Data
Sun Valley Nursery Filling Station Site
Ossining, New York
BCP No C360207
September 28, 2023

PARTICULATE DATA						
Upwind			Downwind			Exceeds Particulate Alarm Limit
Time	Concentration (ug/m ³)	15-Min Avg Concentration (ug/m ³)	Time	Concentration (ug/m ³)	15-Min Avg Concentration (ug/m ³)	
9:03	17.3	16.6	9:03	12.5	11.2	-
9:04	17.8	16.7	9:04	11.5	11.2	-
9:05	16.5	16.7	9:05	11.5	11.3	-
9:06	17.0	16.8	9:06	11.8	11.3	-
9:07	16.5	16.8	9:07	11.8	11.3	-
9:08	17.3	16.9	9:08	11.3	11.4	-
9:09	16.8	17.0	9:09	11.8	11.4	-
9:10	17.5	17.1	9:10	11.8	11.5	-
9:11	16.8	17.1	9:11	10.3	11.4	-
9:12	16.3	17.1	9:12	10.0	11.3	-
9:13	17.3	17.1	9:13	10.0	11.3	-
9:14	16.0	16.9	9:14	10.3	11.3	-
9:15	16.3	16.9	9:15	9.3	11.2	-
9:16	15.5	16.8	9:16	11.8	11.2	-
9:17	15.5	16.7	9:17	12.3	11.2	-
9:18	15.5	16.6	9:18	12.3	11.2	-
9:19	15.8	16.4	9:19	12.0	11.2	-
9:20	15.8	16.4	9:20	11.0	11.2	-
9:21	15.5	16.3	9:21	10.3	11.1	-
9:22	15.3	16.2	9:22	12.0	11.1	-
9:23	15.0	16.0	9:23	11.8	11.1	-
9:24	15.3	15.9	9:24	11.5	11.1	-
9:25	15.8	15.8	9:25	11.5	11.1	-
9:26	15.8	15.8	9:26	10.3	11.1	-
9:27	15.5	15.7	9:27	11.8	11.2	-
9:28	16.3	15.6	9:28	11.3	11.3	-
9:29	16.3	15.7	9:29	11.0	11.3	-
9:30	16.8	15.7	9:30	11.5	11.5	-
9:31	16.0	15.7	9:31	10.8	11.4	-
9:32	16.3	15.8	9:32	12.8	11.4	-
9:33	16.3	15.8	9:33	11.5	11.4	-
9:34	17.0	15.9	9:34	12.8	11.4	-
9:35	16.8	16.0	9:35	12.8	11.6	-
9:36	16.5	16.0	9:36	12.0	11.7	-
9:37	16.5	16.1	9:37	13.0	11.7	-
9:38	16.3	16.2	9:38	12.3	11.8	-
9:39	15.8	16.2	9:39	11.3	11.8	-
9:40	17.3	16.3	9:40	14.0	11.9	-
9:41	16.3	16.4	9:41	14.5	12.2	-
9:42	15.5	16.4	9:42	13.8	12.3	-
9:43	15.8	16.3	9:43	13.5	12.5	-
9:44	15.3	16.3	9:44	11.0	12.5	-
9:45	15.0	16.2	9:45	12.8	12.6	-
9:46	15.0	16.1	9:46	13.5	12.8	-
9:47	14.8	16.0	9:47	11.5	12.7	-
9:48	14.8	15.9	9:48	12.3	12.7	-
9:49	14.5	15.7	9:49	13.5	12.8	-
9:50	15.3	15.6	9:50	13.5	12.8	-

CAMP Data
Sun Valley Nursery Filling Station Site
Ossining, New York
BCP No C360207
September 28, 2023

PARTICULATE DATA						
Upwind			Downwind			Exceeds Particulate Alarm Limit
Time	Concentration (ug/m ³)	15-Min Avg Concentration (ug/m ³)	Time	Concentration (ug/m ³)	15-Min Avg Concentration (ug/m ³)	
9:51	15.8	15.6	9:51	13.3	12.9	-
9:52	14.5	15.4	9:52	14.3	13.0	-
9:53	15.5	15.4	9:53	12.8	13.0	-
9:54	16.3	15.4	9:54	14.5	13.2	-
9:55	15.3	15.3	9:55	15.3	13.3	-
9:56	16.3	15.3	9:56	15.0	13.4	-
9:57	15.5	15.3	9:57	14.8	13.4	-
9:58	16.5	15.3	9:58	14.8	13.5	-
9:59	16.3	15.4	9:59	15.0	13.8	-
10:00	16.0	15.5	10:00	14.5	13.9	-
10:01	16.5	15.6	10:01	14.3	13.9	-
10:02	16.0	15.7	10:02	14.3	14.1	-
10:03	17.0	15.8	10:03	13.8	14.2	-
10:04	17.0	16.0	10:04	14.0	14.3	-
10:05	17.8	16.1	10:05	14.0	14.3	-
10:06	18.8	16.3	10:06	14.0	14.3	-
10:07	19.3	16.7	10:07	14.0	14.3	-
10:08	19.5	16.9	10:08	13.5	14.4	-
10:09	18.8	17.1	10:09	16.3	14.5	-
10:10	17.3	17.2	10:10	13.8	14.4	-
10:11	16.3	17.2	10:11	15.8	14.4	-
10:12	16.8	17.3	10:12	13.8	14.4	-
10:13	16.5	17.3	10:13	13.3	14.3	-
10:14	15.3	17.2	10:14	13.0	14.1	-
10:15	15.5	17.2	10:15	13.5	14.1	-
10:16	15.0	17.1	10:16	14.0	14.1	-
10:17	15.0	17.0	10:17	14.8	14.1	-
10:18	14.0	16.8	10:18	14.3	14.1	-
10:19	15.0	16.7	10:19	14.3	14.1	-
10:20	15.0	16.5	10:20	13.5	14.1	-
10:21	14.5	16.2	10:21	12.3	14.0	-
10:22	15.8	16.0	10:22	13.8	14.0	-
10:23	15.3	15.7	10:23	14.0	14.0	-
10:24	14.8	15.5	10:24	13.5	13.8	-
10:25	15.3	15.3	10:25	12.8	13.8	-
10:26	14.8	15.2	10:26	13.8	13.6	-
10:27	16.0	15.2	10:27	15.3	13.7	-
10:28	16.0	15.1	10:28	16.3	13.9	-
10:29	16.0	15.2	10:29	15.5	14.1	-
10:30	15.5	15.2	10:30	14.0	14.1	-
10:31	16.5	15.3	10:31	13.5	14.1	-
10:32	16.5	15.4	10:32	13.3	14.0	-
10:33	16.3	15.5	10:33	14.0	14.0	-
10:34	16.3	15.6	10:34	13.0	13.9	-
10:35	15.5	15.7	10:35	14.0	13.9	-
10:36	15.8	15.7	10:36	13.8	14.0	-
10:37	16.5	15.8	10:37	13.0	14.0	-
10:38	16.5	15.9	10:38	13.3	13.9	-

CAMP Data
Sun Valley Nursery Filling Station Site
Ossining, New York
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PARTICULATE DATA						
Upwind			Downwind			Exceeds Particulate Alarm Limit
Time	Concentration (ug/m ³)	15-Min Avg Concentration (ug/m ³)	Time	Concentration (ug/m ³)	15-Min Avg Concentration (ug/m ³)	
10:39	16.5	16.0	10:39	12.5	13.9	-
10:40	16.5	16.1	10:40	13.0	13.9	-
10:41	15.8	16.1	10:41	12.5	13.8	-
10:42	15.8	16.1	10:42	13.0	13.6	-
10:43	16.0	16.1	10:43	13.0	13.4	-
10:44	15.8	16.1	10:44	12.5	13.2	-
10:45	15.0	16.1	10:45	13.8	13.2	-
10:46	15.8	16.0	10:46	14.5	13.3	-
10:47	16.5	16.0	10:47	14.8	13.4	-
10:48	16.0	16.0	10:48	15.8	13.5	-
10:49	16.8	16.0	10:49	14.5	13.6	-
10:50	17.3	16.2	10:50	14.5	13.6	-
10:51	17.0	16.2	10:51	14.3	13.7	-
10:52	17.3	16.3	10:52	14.3	13.7	-
10:53	18.3	16.4	10:53	15.0	13.9	-
10:54	17.3	16.5	10:54	14.3	14.0	-
10:55	17.8	16.5	10:55	14.8	14.1	-
10:56	16.0	16.6	10:56	14.5	14.2	-
10:57	16.3	16.6	10:57	14.3	14.3	-
10:58	16.8	16.6	10:58	15.5	14.5	-
10:59	17.0	16.7	10:59	13.3	14.5	-
11:00	16.8	16.8	11:00	13.3	14.5	-
11:01	15.5	16.8	11:01	12.8	14.4	-
11:02	16.3	16.8	11:02	13.8	14.3	-
11:03	16.3	16.8	11:03	13.8	14.2	-
11:04	16.5	16.8	11:04	13.3	14.1	-
11:05	15.8	16.7	11:05	13.8	14.0	-
11:06	16.0	16.6	11:06	12.8	13.9	-
11:07	16.5	16.6	11:07	13.0	13.9	-
11:08	15.8	16.4	11:08	14.0	13.8	-
11:09	16.0	16.3	11:09	16.5	13.9	-
11:10	16.0	16.2	11:10	14.0	13.9	-
11:11	15.5	16.2	11:11	14.8	13.9	-
11:12	15.5	16.1	11:12	14.8	13.9	-
11:13	15.3	16.0	11:13	13.8	13.8	-
11:14	15.3	15.9	11:14	16.0	14.0	-
11:15	15.3	15.8	11:15	14.8	14.1	-
11:16	15.0	15.8	11:16	14.0	14.2	-
11:17	14.8	15.7	11:17	16.3	14.4	-
11:18	16.0	15.7	11:18	13.5	14.3	-
11:19	15.8	15.6	11:19	15.8	14.5	-
11:20	15.8	15.6	11:20	14.5	14.6	-
11:21	16.0	15.6	11:21	15.0	14.7	-
11:22	15.0	15.5	11:22	14.8	14.8	-
11:23	15.3	15.5	11:23	14.0	14.8	-
11:24	16.0	15.5	11:24	14.5	14.7	-
11:25	15.8	15.5	11:25	13.3	14.6	-
11:26	16.0	15.5	11:26	14.3	14.6	-

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PARTICULATE DATA						
Upwind			Downwind			Exceeds Particulate Alarm Limit
Time	Concentration (ug/m ³)	15-Min Avg Concentration (ug/m ³)	Time	Concentration (ug/m ³)	15-Min Avg Concentration (ug/m ³)	
11:27	16.0	15.5	11:27	14.5	14.6	-
11:28	15.0	15.5	11:28	14.8	14.7	-
11:29	16.3	15.6	11:29	14.0	14.5	-
11:30	16.3	15.7	11:30	13.5	14.4	-
11:31	15.3	15.7	11:31	14.5	14.5	-
11:32	16.0	15.8	11:32	14.3	14.3	-
11:33	16.3	15.8	11:33	14.3	14.4	-
11:34	17.3	15.9	11:34	15.0	14.3	-
11:35	16.0	15.9	11:35	14.0	14.3	-
11:36	15.8	15.9	11:36	15.5	14.3	-
11:37	16.0	15.9	11:37	14.5	14.3	-
11:38	16.8	16.0	11:38	14.0	14.3	-
11:39	17.0	16.1	11:39	13.0	14.2	-
11:40	16.0	16.1	11:40	13.0	14.2	-
11:41	16.3	16.1	11:41	13.0	14.1	-
11:42	15.5	16.1	11:42	13.3	14.0	-
11:43	16.3	16.2	11:43	13.0	13.9	-
11:44	16.3	16.2	11:44	12.3	13.8	-
11:45	15.5	16.1	11:45	14.8	13.9	-
11:46	15.8	16.2	11:46	16.3	14.0	-
11:47	15.3	16.1	11:47	15.3	14.1	-
11:48	15.5	16.1	11:48	15.0	14.1	-
11:49	15.5	16.0	11:49	15.3	14.1	-
11:50	15.8	15.9	11:50	15.8	14.3	-
11:51	16.0	16.0	11:51	15.5	14.3	-
11:52	15.0	15.9	11:52	14.8	14.3	-
11:53	15.3	15.8	11:53	16.0	14.4	-
11:54	15.8	15.7	11:54	15.3	14.6	-
11:55	15.5	15.7	11:55	15.3	14.7	-
11:56	15.5	15.6	11:56	16.8	15.0	-
11:57	15.5	15.6	11:57	15.3	15.1	-
11:58	14.8	15.5	11:58	15.5	15.3	-
11:59	16.0	15.5	11:59	14.5	15.4	-
12:00	15.0	15.5	12:00	14.5	15.4	-
12:01	15.5	15.5	12:01	14.0	15.2	-
12:02	14.8	15.4	12:02	13.8	15.1	-
12:03	15.3	15.4	12:03	14.0	15.1	-
12:04	16.0	15.4	12:04	13.0	14.9	-
12:05	15.5	15.4	12:05	13.3	14.8	-
12:06	15.0	15.4	12:06	13.5	14.6	-
12:07	15.0	15.4	12:07	12.0	14.4	-
12:08	15.8	15.4	12:08	12.8	14.2	-
12:09	15.0	15.3	12:09	13.5	14.1	-
12:10	15.5	15.3	12:10	13.0	14.0	-
12:11	15.8	15.4	12:11	13.3	13.7	-
12:12	16.3	15.4	12:12	13.8	13.6	-
12:13	16.0	15.5	12:13	13.0	13.5	-
12:14	16.0	15.5	12:14	13.0	13.4	-

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PARTICULATE DATA						
Upwind			Downwind			Exceeds Particulate Alarm Limit
Time	Concentration (ug/m ³)	15-Min Avg Concentration (ug/m ³)	Time	Concentration (ug/m ³)	15-Min Avg Concentration (ug/m ³)	
12:15	16.3	15.6	12:15	12.5	13.2	-
12:16	16.3	15.6	12:16	12.3	13.1	-
12:17	15.5	15.7	12:17	12.3	13.0	-
12:18	16.5	15.8	12:18	13.3	13.0	-
12:19	14.8	15.7	12:19	14.0	13.0	-
12:20	16.0	15.7	12:20	14.5	13.1	-
12:21	15.8	15.8	12:21	11.5	13.0	-
12:22	15.3	15.8	12:22	14.3	13.1	-
12:23	15.0	15.7	12:23	14.8	13.3	-
12:24	15.3	15.7	12:24	15.3	13.4	-
12:25	15.0	15.7	12:25	14.5	13.5	-
12:26	15.0	15.7	12:26	15.3	13.6	-
12:27	15.5	15.6	12:27	14.3	13.6	-
12:28	15.5	15.6	12:28	15.0	13.8	-
12:29	15.3	15.5	12:29	14.0	13.8	-
12:30	16.0	15.5	12:30	13.3	13.9	-
12:31	15.0	15.4	12:31	13.5	14.0	-
12:32	15.3	15.4	12:32	12.8	14.0	-
12:33	16.0	15.4	12:33	12.5	14.0	-
12:34	15.5	15.4	12:34	12.5	13.9	-
12:35	16.0	15.4	12:35	12.0	13.7	-
12:36	16.0	15.4	12:36	12.3	13.7	-
12:37	15.3	15.4	12:37	12.5	13.6	-
12:38	16.3	15.5	12:38	12.0	13.4	-
12:39	15.8	15.6	12:39	11.8	13.2	-
12:40	16.0	15.6	12:40	12.3	13.1	-
12:41	15.3	15.6	12:41	13.3	12.9	-
12:42	15.5	15.6	12:42	12.8	12.8	-
12:43	15.5	15.6	12:43	14.3	12.8	-
12:44	15.5	15.7	12:44	14.3	12.8	-
12:45	15.0	15.6	12:45	13.8	12.8	-
12:46	15.8	15.6	12:46	13.0	12.8	-
12:47	15.5	15.7	12:47	13.0	12.8	-
12:48	15.8	15.6	12:48	13.3	12.9	-
12:49	15.8	15.7	12:49	13.8	12.9	-
12:50	16.3	15.7	12:50	13.3	13.0	-
12:51	15.5	15.6	12:51	13.0	13.1	-
12:52	15.5	15.7	12:52	14.5	13.2	-
12:53	15.3	15.6	12:53	14.3	13.4	-
12:54	15.8	15.6	12:54	13.8	13.5	-
12:55	15.5	15.6	12:55	15.0	13.7	-
12:56	16.8	15.7	12:56	15.3	13.8	-
12:57	16.0	15.7	12:57	13.0	13.8	-
12:58	16.5	15.8	12:58	13.5	13.8	-
12:59	16.0	15.8	12:59	13.3	13.7	-
13:00	16.5	15.9	13:00	12.8	13.6	-
13:01	16.3	15.9	13:01	12.5	13.6	-
13:02	15.8	15.9	13:02	11.8	13.5	-

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Upwind			Downwind			Exceeds Particulate Alarm Limit
Time	Concentration (ug/m ³)	15-Min Avg Concentration (ug/m ³)	Time	Concentration (ug/m ³)	15-Min Avg Concentration (ug/m ³)	
13:03	15.8	15.9	13:03	12.0	13.4	-
13:04	15.8	15.9	13:04	11.8	13.3	-
13:05	16.3	15.9	13:05	11.8	13.2	-
13:06	15.5	15.9	13:06	11.5	13.1	-
13:07	16.0	16.0	13:07	12.3	13.0	-
13:08	15.8	16.0	13:08	12.0	12.8	-
13:09	16.5	16.1	13:09	12.8	12.7	-
13:10	15.5	16.1	13:10	12.5	12.6	-
13:11	16.3	16.0	13:11	11.5	12.3	-
13:12	15.5	16.0	13:12	11.3	12.2	-
13:13	15.5	15.9	13:13	12.0	12.1	-
13:14	16.3	15.9	13:14	11.8	12.0	-
13:15	15.5	15.9	13:15	12.3	12.0	-
13:16	15.5	15.8	13:16	12.0	11.9	-
13:17	15.5	15.8	13:17	12.0	12.0	-
13:18	16.3	15.8	13:18	11.0	11.9	-
13:19	15.3	15.8	13:19	11.0	11.8	-
13:20	14.8	15.7	13:20	11.5	11.8	-
13:21	15.3	15.7	13:21	11.5	11.8	-
13:22	15.8	15.7	13:22	13.0	11.9	-
13:23	15.8	15.7	13:23	11.3	11.8	-
13:24	16.0	15.6	13:24	11.3	11.7	-
13:25	15.5	15.6	13:25	11.8	11.7	-
13:26	15.0	15.6	13:26	13.3	11.8	-
13:27	14.8	15.5	13:27	14.3	12.0	-
13:28	14.8	15.5	13:28	13.3	12.1	-
13:29	14.8	15.4	13:29	12.8	12.1	-
13:30	15.3	15.3	13:30	11.5	12.1	-
13:31	14.8	15.3	13:31	12.8	12.1	-
13:32	15.0	15.3	13:32	13.8	12.3	-
13:33	14.8	15.2	13:33	13.8	12.4	-
13:34	14.5	15.1	13:34	14.0	12.6	-
13:35	14.8	15.1	13:35	14.0	12.8	-
13:36	14.0	15.0	13:36	14.5	13.0	-
13:37	14.8	15.0	13:37	14.0	13.1	-
13:38	14.8	14.9	13:38	14.0	13.3	-
13:39	14.0	14.8	13:39	14.8	13.5	-
13:40	15.0	14.7	13:40	14.3	13.7	-
13:41	14.3	14.7	13:41	13.5	13.7	-
13:42	15.0	14.7	13:42	14.5	13.7	-
13:43	15.0	14.7	13:43	12.8	13.7	-
13:44	15.3	14.7	13:44	14.3	13.8	-
13:45	15.0	14.7	13:45	13.3	13.9	-
13:46	15.0	14.7	13:46	14.8	14.0	-
13:47	15.0	14.7	13:47	13.8	14.0	-
13:48	15.3	14.8	13:48	14.8	14.1	-
13:49	15.3	14.8	13:49	14.5	14.1	-
13:50	14.8	14.8	13:50	13.8	14.1	-

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Time	Concentration (ug/m ³)	15-Min Avg Concentration (ug/m ³)	Time	Concentration (ug/m ³)	15-Min Avg Concentration (ug/m ³)	
13:51	15.8	14.9	13:51	13.5	14.0	-
13:52	16.0	15.0	13:52	12.8	13.9	-
13:53	15.0	15.0	13:53	12.8	13.9	-
13:54	15.3	15.1	13:54	12.8	13.7	-
13:55	15.8	15.2	13:55	12.5	13.6	-
13:56	15.3	15.2	13:56	12.0	13.5	-
13:57	16.0	15.3	13:57	12.0	13.3	-
13:58	15.0	15.3	13:58	11.8	13.3	-
13:59	15.3	15.3	13:59	12.8	13.2	-
14:00	15.8	15.4	14:00	14.5	13.3	-
14:01	15.5	15.4	14:01	14.8	13.3	-
14:02	16.3	15.5	14:02	14.8	13.3	-
14:03	16.8	15.6	14:03	13.8	13.3	-
14:04	15.5	15.6	14:04	14.0	13.2	-
14:05	15.8	15.7	14:05	14.0	13.2	-
14:06	15.8	15.7	14:06	14.3	13.3	-
14:07	15.8	15.6	14:07	14.5	13.4	-
14:08	16.3	15.7	14:08	13.5	13.5	-
14:09	15.8	15.8	14:09	14.0	13.5	-
14:10	15.5	15.7	14:10	12.8	13.6	-
14:11	15.5	15.8	14:11	13.8	13.7	-
14:12	15.0	15.7	14:12	14.5	13.8	-
14:13	15.3	15.7	14:13	14.0	14.0	-
14:14	15.3	15.7	14:14	14.3	14.1	-
14:15	16.0	15.7	14:15	13.0	14.0	-
14:16	16.3	15.8	14:16	13.3	13.9	-
14:17	15.5	15.7	14:17	13.0	13.8	-
14:18	14.8	15.6	14:18	12.8	13.7	-
14:19	15.0	15.6	14:19	13.3	13.7	-
14:20	15.5	15.5	14:20	12.8	13.6	-
14:21	14.3	15.4	14:21	13.0	13.5	-
14:22	14.5	15.4	14:22	12.8	13.4	-
14:23	14.8	15.3	14:23	13.5	13.4	-
14:24	14.5	15.2	14:24	14.0	13.4	-
14:25	14.8	15.1	14:25	13.5	13.4	-
14:26	14.8	15.1	14:26	13.5	13.4	-
14:27	15.0	15.1	14:27	13.0	13.3	-
14:28	16.3	15.1	14:28	12.8	13.2	-
14:29	14.8	15.1	14:29	12.5	13.1	-
14:30	14.8	15.0	14:30	12.0	13.0	-
14:31	14.3	14.9	14:31	12.8	13.0	-
14:32	14.8	14.8	14:32	12.5	13.0	-
14:33	14.5	14.8	14:33	12.8	13.0	-
14:34	15.8	14.9	14:34	11.5	12.9	-
14:35	14.8	14.8	14:35	12.8	12.9	-
14:36	15.0	14.9	14:36	12.0	12.8	-
14:37	15.0	14.9	14:37	14.0	12.9	-
14:38	15.3	14.9	14:38	13.8	12.9	-

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PARTICULATE DATA						
Upwind			Downwind			Exceeds Particulate Alarm Limit
Time	Concentration (ug/m ³)	15-Min Avg Concentration (ug/m ³)	Time	Concentration (ug/m ³)	15-Min Avg Concentration (ug/m ³)	
14:39	15.8	15.0	14:39	14.0	12.9	-
14:40	14.0	15.0	14:40	14.3	12.9	-
14:41	14.8	15.0	14:41	13.8	13.0	-
14:42	14.5	14.9	14:42	13.5	13.0	-
14:43	14.5	14.8	14:43	13.0	13.0	-
14:44	14.0	14.8	14:44	13.0	13.0	-
14:45	14.5	14.8	14:45	12.8	13.1	-
14:46	14.5	14.8	14:46	15.8	13.3	-
14:47	15.0	14.8	14:47	17.8	13.6	-
14:48	14.3	14.8	14:48	15.0	13.8	-
14:49	14.3	14.7	14:49	13.5	13.9	-
14:50	14.0	14.6	14:50	13.3	14.0	-
14:51	13.5	14.5	14:51	14.0	14.1	-
14:52	14.0	14.5	14:52	12.8	14.0	-
14:53	14.3	14.4	14:53	14.5	14.1	-
14:54	14.5	14.3	14:54	15.0	14.1	-
14:55	14.0	14.3	14:55	15.8	14.2	-
14:56	13.8	14.2	14:56	14.8	14.3	-
14:57	14.3	14.2	14:57	14.8	14.4	-
14:58	13.8	14.2	14:58	13.8	14.4	-

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Thursday, September 28, 2023						
Number of Instances Where Downwind VOCs Exceeds Upwind VOCs + 5 =						0
Number of Comparable Data Points =						427
Start Time:						7:34
End Time:						14:58
PID DATA						
Upwind			Downwind			Exceeds VOC Alarm Limit
Time	Concentration (ppm)	15-Min Avg Concentration (ppm)	Time	Concentration (ppm)	15-Min Avg Concentration (ppm)	
7:34	0.0	-	7:34	-	-	-
7:35	0.0	-	7:35	-	-	-
7:36	0.0	-	7:36	-	-	-
7:37	0.0	-	7:37	0.0	-	-
7:38	0.0	-	7:38	0.0	-	-
7:39	0.0	-	7:39	0.0	-	-
7:40	0.0	-	7:40	0.0	-	-
7:41	0.0	-	7:41	0.0	-	-
7:42	0.0	-	7:42	0.0	-	-
7:43	0.0	-	7:43	0.0	-	-
7:44	0.0	-	7:44	0.0	-	-
7:45	0.0	-	7:45	0.0	-	-
7:46	0.0	-	7:46	0.0	-	-
7:47	0.0	-	7:47	0.0	-	-
7:48	0.0	-	7:48	0.0	-	-
7:49	0.0	0.0	7:49	0.0	-	-
7:50	0.0	0.0	7:50	0.0	-	-
7:51	0.0	0.0	7:51	0.0	-	-
7:52	0.0	0.0	7:52	0.0	0.0	-
7:53	0.0	0.0	7:53	0.0	0.0	-
7:54	0.0	0.0	7:54	0.0	0.0	-
7:55	0.0	0.0	7:55	0.0	0.0	-
7:56	0.0	0.0	7:56	0.0	0.0	-
7:57	0.0	0.0	7:57	0.0	0.0	-
7:58	0.0	0.0	7:58	0.0	0.0	-
7:59	0.0	0.0	7:59	0.0	0.0	-
8:00	0.0	0.0	8:00	0.0	0.0	-
8:01	0.0	0.0	8:01	0.0	0.0	-
8:02	0.0	0.0	8:02	0.0	0.0	-
8:03	0.0	0.0	8:03	0.0	0.0	-
8:04	0.0	0.0	8:04	0.0	0.0	-
8:05	0.0	0.0	8:05	0.0	0.0	-
8:06	0.0	0.0	8:06	0.0	0.0	-
8:07	0.0	0.0	8:07	0.0	0.0	-
8:08	0.0	0.0	8:08	0.0	0.0	-
8:09	0.0	0.0	8:09	0.0	0.0	-
8:10	0.0	0.0	8:10	0.0	0.0	-
8:11	0.0	0.0	8:11	0.0	0.0	-
8:12	0.0	0.0	8:12	0.0	0.0	-
8:13	0.0	0.0	8:13	0.0	0.0	-
8:14	0.0	0.0	8:14	0.0	0.0	-
8:15	0.0	0.0	8:15	0.0	0.0	-

CAMP Data
Sun Valley Nursery Filling Station Site
Ossining, New York
BCP No C360207
September 28, 2023

PID DATA						
Upwind			Downwind			Exceeds VOC Alarm Limit
Time	Concentration (ppm)	15-Min Avg Concentration (ppm)	Time	Concentration (ppm)	15-Min Avg Concentration (ppm)	
8:16	0.0	0.0	8:16	0.0	0.0	-
8:17	0.0	0.0	8:17	0.0	0.0	-
8:18	0.0	0.0	8:18	0.0	0.0	-
8:19	0.0	0.0	8:19	0.0	0.0	-
8:20	0.0	0.0	8:20	0.0	0.0	-
8:21	0.0	0.0	8:21	0.0	0.0	-
8:22	0.0	0.0	8:22	0.0	0.0	-
8:23	0.0	0.0	8:23	0.0	0.0	-
8:24	0.0	0.0	8:24	0.0	0.0	-
8:25	0.0	0.0	8:25	0.0	0.0	-
8:26	0.0	0.0	8:26	0.0	0.0	-
8:27	0.0	0.0	8:27	0.0	0.0	-
8:28	0.0	0.0	8:28	0.0	0.0	-
8:29	0.0	0.0	8:29	0.0	0.0	-
8:30	0.0	0.0	8:30	0.0	0.0	-
8:31	0.0	0.0	8:31	0.0	0.0	-
8:32	0.0	0.0	8:32	0.0	0.0	-
8:33	0.0	0.0	8:33	0.0	0.0	-
8:34	0.0	0.0	8:34	0.0	0.0	-
8:35	0.0	0.0	8:35	0.0	0.0	-
8:36	0.0	0.0	8:36	0.0	0.0	-
8:37	0.0	0.0	8:37	0.0	0.0	-
8:38	0.0	0.0	8:38	0.0	0.0	-
8:39	0.0	0.0	8:39	0.0	0.0	-
8:40	0.0	0.0	8:40	0.0	0.0	-
8:41	0.0	0.0	8:41	0.0	0.0	-
8:42	0.0	0.0	8:42	0.0	0.0	-
8:43	0.0	0.0	8:43	0.0	0.0	-
8:44	0.0	0.0	8:44	0.0	0.0	-
8:45	0.0	0.0	8:45	0.0	0.0	-
8:46	0.0	0.0	8:46	0.0	0.0	-
8:47	0.0	0.0	8:47	0.0	0.0	-
8:48	0.0	0.0	8:48	0.0	0.0	-
8:49	0.0	0.0	8:49	0.0	0.0	-
8:50	0.0	0.0	8:50	0.0	0.0	-
8:51	0.0	0.0	8:51	0.0	0.0	-
8:52	0.0	0.0	8:52	0.0	0.0	-
8:53	0.0	0.0	8:53	0.0	0.0	-
8:54	0.0	0.0	8:54	0.0	0.0	-
8:55	0.0	0.0	8:55	0.0	0.0	-
8:56	0.0	0.0	8:56	0.0	0.0	-
8:57	0.0	0.0	8:57	0.0	0.0	-
8:58	0.0	0.0	8:58	0.0	0.0	-
8:59	0.0	0.0	8:59	0.0	0.0	-
9:00	0.0	0.0	9:00	0.0	0.0	-
9:01	0.0	0.0	9:01	0.0	0.0	-
9:02	0.0	0.0	9:02	0.0	0.0	-
9:03	0.0	0.0	9:03	0.0	0.0	-

CAMP Data
Sun Valley Nursery Filling Station Site
Ossining, New York
BCP No C360207
September 28, 2023

PID DATA						
Upwind			Downwind			Exceeds VOC Alarm Limit
Time	Concentration (ppm)	15-Min Avg Concentration (ppm)	Time	Concentration (ppm)	15-Min Avg Concentration (ppm)	
9:04	0.0	0.0	9:04	0.0	0.0	-
9:05	0.0	0.0	9:05	0.0	0.0	-
9:06	0.0	0.0	9:06	0.0	0.0	-
9:07	0.0	0.0	9:07	0.0	0.0	-
9:08	0.0	0.0	9:08	0.0	0.0	-
9:09	0.0	0.0	9:09	0.0	0.0	-
9:10	0.0	0.0	9:10	0.0	0.0	-
9:11	0.0	0.0	9:11	0.0	0.0	-
9:12	0.0	0.0	9:12	0.0	0.0	-
9:13	0.0	0.0	9:13	0.0	0.0	-
9:14	0.0	0.0	9:14	0.0	0.0	-
9:15	0.0	0.0	9:15	0.0	0.0	-
9:16	0.0	0.0	9:16	0.0	0.0	-
9:17	0.0	0.0	9:17	0.0	0.0	-
9:18	0.0	0.0	9:18	0.0	0.0	-
9:19	0.0	0.0	9:19	0.0	0.0	-
9:20	0.0	0.0	9:20	0.0	0.0	-
9:21	0.0	0.0	9:21	0.0	0.0	-
9:22	0.0	0.0	9:22	0.0	0.0	-
9:23	0.0	0.0	9:23	0.0	0.0	-
9:24	0.0	0.0	9:24	0.0	0.0	-
9:25	0.0	0.0	9:25	0.0	0.0	-
9:26	0.0	0.0	9:26	0.0	0.0	-
9:27	0.0	0.0	9:27	0.0	0.0	-
9:28	0.0	0.0	9:28	0.0	0.0	-
9:29	0.0	0.0	9:29	0.0	0.0	-
9:30	0.0	0.0	9:30	0.0	0.0	-
9:31	0.0	0.0	9:31	0.0	0.0	-
9:32	0.0	0.0	9:32	0.0	0.0	-
9:33	0.0	0.0	9:33	0.0	0.0	-
9:34	0.0	0.0	9:34	0.0	0.0	-
9:35	0.0	0.0	9:35	0.0	0.0	-
9:36	0.0	0.0	9:36	0.0	0.0	-
9:37	0.0	0.0	9:37	0.0	0.0	-
9:38	0.0	0.0	9:38	0.0	0.0	-
9:39	0.0	0.0	9:39	0.0	0.0	-
9:40	0.0	0.0	9:40	0.0	0.0	-
9:41	0.0	0.0	9:41	0.0	0.0	-
9:42	0.0	0.0	9:42	0.0	0.0	-
9:43	0.0	0.0	9:43	0.0	0.0	-
9:44	0.0	0.0	9:44	0.0	0.0	-
9:45	0.0	0.0	9:45	0.0	0.0	-
9:46	0.0	0.0	9:46	0.0	0.0	-
9:47	0.0	0.0	9:47	0.0	0.0	-
9:48	0.0	0.0	9:48	0.0	0.0	-
9:49	0.0	0.0	9:49	0.0	0.0	-
9:50	0.0	0.0	9:50	0.0	0.0	-
9:51	0.0	0.0	9:51	0.0	0.0	-

CAMP Data
Sun Valley Nursery Filling Station Site
Ossining, New York
BCP No C360207
September 28, 2023

PID DATA						
Upwind			Downwind			Exceeds VOC Alarm Limit
Time	Concentration (ppm)	15-Min Avg Concentration (ppm)	Time	Concentration (ppm)	15-Min Avg Concentration (ppm)	
9:52	0.0	0.0	9:52	0.0	0.0	-
9:53	0.0	0.0	9:53	0.0	0.0	-
9:54	0.0	0.0	9:54	0.0	0.0	-
9:55	0.0	0.0	9:55	0.0	0.0	-
9:56	0.0	0.0	9:56	0.0	0.0	-
9:57	0.0	0.0	9:57	0.0	0.0	-
9:58	0.0	0.0	9:58	0.0	0.0	-
9:59	0.0	0.0	9:59	0.0	0.0	-
10:00	0.0	0.0	10:00	0.0	0.0	-
10:01	0.0	0.0	10:01	0.0	0.0	-
10:02	0.0	0.0	10:02	0.0	0.0	-
10:03	0.0	0.0	10:03	0.0	0.0	-
10:04	0.0	0.0	10:04	0.0	0.0	-
10:05	0.0	0.0	10:05	0.0	0.0	-
10:06	0.0	0.0	10:06	0.0	0.0	-
10:07	0.0	0.0	10:07	0.0	0.0	-
10:08	0.0	0.0	10:08	0.0	0.0	-
10:09	0.0	0.0	10:09	0.0	0.0	-
10:10	0.0	0.0	10:10	0.0	0.0	-
10:11	0.0	0.0	10:11	0.0	0.0	-
10:12	0.0	0.0	10:12	0.0	0.0	-
10:13	0.0	0.0	10:13	0.0	0.0	-
10:14	0.0	0.0	10:14	0.0	0.0	-
10:15	0.0	0.0	10:15	0.0	0.0	-
10:16	0.0	0.0	10:16	0.0	0.0	-
10:17	0.0	0.0	10:17	0.0	0.0	-
10:18	0.0	0.0	10:18	0.0	0.0	-
10:19	0.0	0.0	10:19	0.0	0.0	-
10:20	0.0	0.0	10:20	0.0	0.0	-
10:21	0.0	0.0	10:21	0.0	0.0	-
10:22	0.0	0.0	10:22	0.0	0.0	-
10:23	0.0	0.0	10:23	0.0	0.0	-
10:24	0.0	0.0	10:24	0.0	0.0	-
10:25	0.0	0.0	10:25	0.0	0.0	-
10:26	0.0	0.0	10:26	0.0	0.0	-
10:27	0.0	0.0	10:27	0.0	0.0	-
10:28	0.0	0.0	10:28	0.0	0.0	-
10:29	0.0	0.0	10:29	0.0	0.0	-
10:30	0.0	0.0	10:30	0.0	0.0	-
10:31	0.0	0.0	10:31	0.0	0.0	-
10:32	0.0	0.0	10:32	0.0	0.0	-
10:33	0.0	0.0	10:33	0.0	0.0	-
10:34	0.0	0.0	10:34	0.0	0.0	-
10:35	0.0	0.0	10:35	0.0	0.0	-
10:36	0.0	0.0	10:36	0.0	0.0	-
10:37	0.0	0.0	10:37	0.0	0.0	-
10:38	0.0	0.0	10:38	0.0	0.0	-
10:39	0.0	0.0	10:39	0.0	0.0	-

CAMP Data
Sun Valley Nursery Filling Station Site
Ossining, New York
BCP No C360207
September 28, 2023

PID DATA						
Upwind			Downwind			Exceeds VOC Alarm Limit
Time	Concentration (ppm)	15-Min Avg Concentration (ppm)	Time	Concentration (ppm)	15-Min Avg Concentration (ppm)	
10:40	0.0	0.0	10:40	0.0	0.0	-
10:41	0.0	0.0	10:41	0.0	0.0	-
10:42	0.0	0.0	10:42	0.0	0.0	-
10:43	0.0	0.0	10:43	0.0	0.0	-
10:44	0.0	0.0	10:44	0.0	0.0	-
10:45	0.0	0.0	10:45	0.0	0.0	-
10:46	0.0	0.0	10:46	0.0	0.0	-
10:47	0.0	0.0	10:47	0.0	0.0	-
10:48	0.0	0.0	10:48	0.0	0.0	-
10:49	0.0	0.0	10:49	0.0	0.0	-
10:50	0.0	0.0	10:50	0.0	0.0	-
10:51	0.0	0.0	10:51	0.0	0.0	-
10:52	0.0	0.0	10:52	0.0	0.0	-
10:53	0.0	0.0	10:53	0.0	0.0	-
10:54	0.0	0.0	10:54	0.0	0.0	-
10:55	0.0	0.0	10:55	0.0	0.0	-
10:56	0.0	0.0	10:56	0.0	0.0	-
10:57	0.0	0.0	10:57	0.0	0.0	-
10:58	0.0	0.0	10:58	0.0	0.0	-
10:59	0.0	0.0	10:59	0.0	0.0	-
11:00	0.0	0.0	11:00	0.0	0.0	-
11:01	0.0	0.0	11:01	0.0	0.0	-
11:02	0.0	0.0	11:02	0.0	0.0	-
11:03	0.0	0.0	11:03	0.0	0.0	-
11:04	0.0	0.0	11:04	0.0	0.0	-
11:05	0.0	0.0	11:05	0.0	0.0	-
11:06	0.0	0.0	11:06	0.0	0.0	-
11:07	0.0	0.0	11:07	0.0	0.0	-
11:08	0.0	0.0	11:08	0.0	0.0	-
11:09	0.0	0.0	11:09	0.0	0.0	-
11:10	0.0	0.0	11:10	0.0	0.0	-
11:11	0.0	0.0	11:11	0.0	0.0	-
11:12	0.0	0.0	11:12	0.0	0.0	-
11:13	0.0	0.0	11:13	0.0	0.0	-
11:14	0.0	0.0	11:14	0.0	0.0	-
11:15	0.0	0.0	11:15	0.0	0.0	-
11:16	0.0	0.0	11:16	0.0	0.0	-
11:17	0.0	0.0	11:17	0.0	0.0	-
11:18	0.0	0.0	11:18	0.0	0.0	-
11:19	0.0	0.0	11:19	0.0	0.0	-
11:20	0.0	0.0	11:20	0.0	0.0	-
11:21	0.0	0.0	11:21	0.0	0.0	-
11:22	0.0	0.0	11:22	0.0	0.0	-
11:23	0.0	0.0	11:23	0.0	0.0	-
11:24	0.0	0.0	11:24	0.0	0.0	-
11:25	0.0	0.0	11:25	0.0	0.0	-
11:26	0.0	0.0	11:26	0.0	0.0	-
11:27	0.0	0.0	11:27	0.0	0.0	-

CAMP Data
Sun Valley Nursery Filling Station Site
Ossining, New York
BCP No C360207
September 28, 2023

PID DATA						
Upwind			Downwind			Exceeds VOC Alarm Limit
Time	Concentration (ppm)	15-Min Avg Concentration (ppm)	Time	Concentration (ppm)	15-Min Avg Concentration (ppm)	
11:28	0.0	0.0	11:28	0.0	0.0	-
11:29	0.0	0.0	11:29	0.0	0.0	-
11:30	0.0	0.0	11:30	0.0	0.0	-
11:31	0.0	0.0	11:31	0.0	0.0	-
11:32	0.0	0.0	11:32	0.0	0.0	-
11:33	0.0	0.0	11:33	0.0	0.0	-
11:34	0.0	0.0	11:34	0.0	0.0	-
11:35	0.0	0.0	11:35	0.0	0.0	-
11:36	0.0	0.0	11:36	0.0	0.0	-
11:37	0.0	0.0	11:37	0.0	0.0	-
11:38	0.0	0.0	11:38	0.0	0.0	-
11:39	0.0	0.0	11:39	0.0	0.0	-
11:40	0.0	0.0	11:40	0.0	0.0	-
11:41	0.0	0.0	11:41	0.0	0.0	-
11:42	0.0	0.0	11:42	0.0	0.0	-
11:43	0.0	0.0	11:43	0.0	0.0	-
11:44	0.0	0.0	11:44	0.0	0.0	-
11:45	0.0	0.0	11:45	0.0	0.0	-
11:46	0.0	0.0	11:46	0.0	0.0	-
11:47	0.0	0.0	11:47	0.0	0.0	-
11:48	0.0	0.0	11:48	0.0	0.0	-
11:49	0.0	0.0	11:49	0.0	0.0	-
11:50	0.0	0.0	11:50	0.0	0.0	-
11:51	0.0	0.0	11:51	0.0	0.0	-
11:52	0.0	0.0	11:52	0.0	0.0	-
11:53	0.0	0.0	11:53	0.0	0.0	-
11:54	0.0	0.0	11:54	0.0	0.0	-
11:55	0.0	0.0	11:55	0.0	0.0	-
11:56	0.0	0.0	11:56	0.0	0.0	-
11:57	0.0	0.0	11:57	0.0	0.0	-
11:58	0.0	0.0	11:58	0.0	0.0	-
11:59	0.0	0.0	11:59	0.0	0.0	-
12:00	0.0	0.0	12:00	0.0	0.0	-
12:01	0.0	0.0	12:01	0.0	0.0	-
12:02	0.0	0.0	12:02	0.0	0.0	-
12:03	0.0	0.0	12:03	0.0	0.0	-
12:04	0.0	0.0	12:04	0.0	0.0	-
12:05	0.0	0.0	12:05	0.0	0.0	-
12:06	0.0	0.0	12:06	0.0	0.0	-
12:07	0.0	0.0	12:07	0.0	0.0	-
12:08	0.0	0.0	12:08	0.0	0.0	-
12:09	0.0	0.0	12:09	0.0	0.0	-
12:10	0.0	0.0	12:10	0.0	0.0	-
12:11	0.0	0.0	12:11	0.0	0.0	-
12:12	0.0	0.0	12:12	0.0	0.0	-
12:13	0.0	0.0	12:13	0.0	0.0	-
12:14	0.0	0.0	12:14	0.0	0.0	-
12:15	0.0	0.0	12:15	0.0	0.0	-

CAMP Data
Sun Valley Nursery Filling Station Site
Ossining, New York
BCP No C360207
September 28, 2023

PID DATA						
Upwind			Downwind			Exceeds VOC Alarm Limit
Time	Concentration (ppm)	15-Min Avg Concentration (ppm)	Time	Concentration (ppm)	15-Min Avg Concentration (ppm)	
12:16	0.0	0.0	12:16	0.0	0.0	-
12:17	0.0	0.0	12:17	0.0	0.0	-
12:18	0.0	0.0	12:18	0.0	0.0	-
12:19	0.0	0.0	12:19	0.0	0.0	-
12:20	0.0	0.0	12:20	0.0	0.0	-
12:21	0.0	0.0	12:21	0.0	0.0	-
12:22	0.0	0.0	12:22	0.0	0.0	-
12:23	0.0	0.0	12:23	0.0	0.0	-
12:24	0.0	0.0	12:24	0.0	0.0	-
12:25	0.0	0.0	12:25	0.0	0.0	-
12:26	0.0	0.0	12:26	0.0	0.0	-
12:27	0.0	0.0	12:27	0.0	0.0	-
12:28	0.0	0.0	12:28	0.0	0.0	-
12:29	0.0	0.0	12:29	0.0	0.0	-
12:30	0.0	0.0	12:30	0.0	0.0	-
12:31	0.0	0.0	12:31	0.0	0.0	-
12:32	0.0	0.0	12:32	0.0	0.0	-
12:33	0.0	0.0	12:33	0.0	0.0	-
12:34	0.0	0.0	12:34	0.0	0.0	-
12:35	0.0	0.0	12:35	0.0	0.0	-
12:36	0.0	0.0	12:36	0.0	0.0	-
12:37	0.0	0.0	12:37	0.0	0.0	-
12:38	0.0	0.0	12:38	0.0	0.0	-
12:39	0.0	0.0	12:39	0.0	0.0	-
12:40	0.0	0.0	12:40	0.0	0.0	-
12:41	0.0	0.0	12:41	0.0	0.0	-
12:42	0.0	0.0	12:42	0.0	0.0	-
12:43	0.0	0.0	12:43	0.0	0.0	-
12:44	0.0	0.0	12:44	0.0	0.0	-
12:45	0.0	0.0	12:45	0.0	0.0	-
12:46	0.0	0.0	12:46	0.0	0.0	-
12:47	0.0	0.0	12:47	0.0	0.0	-
12:48	0.0	0.0	12:48	0.0	0.0	-
12:49	0.0	0.0	12:49	0.0	0.0	-
12:50	0.0	0.0	12:50	0.0	0.0	-
12:51	0.0	0.0	12:51	0.0	0.0	-
12:52	0.0	0.0	12:52	0.0	0.0	-
12:53	0.0	0.0	12:53	0.0	0.0	-
12:54	0.0	0.0	12:54	0.0	0.0	-
12:55	0.0	0.0	12:55	0.0	0.0	-
12:56	0.0	0.0	12:56	0.0	0.0	-
12:57	0.0	0.0	12:57	0.0	0.0	-
12:58	0.0	0.0	12:58	0.0	0.0	-
12:59	0.0	0.0	12:59	0.0	0.0	-
13:00	0.0	0.0	13:00	0.0	0.0	-
13:01	0.0	0.0	13:01	0.0	0.0	-
13:02	0.0	0.0	13:02	0.0	0.0	-
13:03	0.0	0.0	13:03	0.0	0.0	-

CAMP Data
Sun Valley Nursery Filling Station Site
Ossining, New York
BCP No C360207
September 28, 2023

PID DATA						
Upwind			Downwind			Exceeds VOC Alarm Limit
Time	Concentration (ppm)	15-Min Avg Concentration (ppm)	Time	Concentration (ppm)	15-Min Avg Concentration (ppm)	
13:04	0.0	0.0	13:04	0.0	0.0	-
13:05	0.0	0.0	13:05	0.0	0.0	-
13:06	0.0	0.0	13:06	0.0	0.0	-
13:07	0.0	0.0	13:07	0.0	0.0	-
13:08	0.0	0.0	13:08	0.0	0.0	-
13:09	0.0	0.0	13:09	0.0	0.0	-
13:10	0.0	0.0	13:10	0.0	0.0	-
13:11	0.0	0.0	13:11	0.0	0.0	-
13:12	0.0	0.0	13:12	0.0	0.0	-
13:13	0.0	0.0	13:13	0.0	0.0	-
13:14	0.0	0.0	13:14	0.0	0.0	-
13:15	0.0	0.0	13:15	0.0	0.0	-
13:16	0.0	0.0	13:16	0.0	0.0	-
13:17	0.0	0.0	13:17	0.0	0.0	-
13:18	0.0	0.0	13:18	0.0	0.0	-
13:19	0.0	0.0	13:19	0.0	0.0	-
13:20	0.0	0.0	13:20	0.0	0.0	-
13:21	0.0	0.0	13:21	0.0	0.0	-
13:22	0.0	0.0	13:22	0.0	0.0	-
13:23	0.0	0.0	13:23	0.0	0.0	-
13:24	0.0	0.0	13:24	0.0	0.0	-
13:25	0.0	0.0	13:25	0.0	0.0	-
13:26	0.0	0.0	13:26	0.0	0.0	-
13:27	0.0	0.0	13:27	0.0	0.0	-
13:28	0.0	0.0	13:28	0.0	0.0	-
13:29	0.0	0.0	13:29	0.0	0.0	-
13:30	0.0	0.0	13:30	0.0	0.0	-
13:31	0.0	0.0	13:31	0.0	0.0	-
13:32	0.0	0.0	13:32	0.0	0.0	-
13:33	0.0	0.0	13:33	0.0	0.0	-
13:34	0.0	0.0	13:34	0.0	0.0	-
13:35	0.0	0.0	13:35	0.0	0.0	-
13:36	0.0	0.0	13:36	0.0	0.0	-
13:37	0.0	0.0	13:37	0.0	0.0	-
13:38	0.0	0.0	13:38	0.0	0.0	-
13:39	0.0	0.0	13:39	0.0	0.0	-
13:40	0.0	0.0	13:40	0.0	0.0	-
13:41	0.0	0.0	13:41	0.0	0.0	-
13:42	0.0	0.0	13:42	0.0	0.0	-
13:43	0.0	0.0	13:43	0.0	0.0	-
13:44	0.0	0.0	13:44	0.0	0.0	-
13:45	0.0	0.0	13:45	0.0	0.0	-
13:46	0.0	0.0	13:46	0.0	0.0	-
13:47	0.0	0.0	13:47	0.0	0.0	-
13:48	0.0	0.0	13:48	0.0	0.0	-
13:49	0.0	0.0	13:49	0.0	0.0	-
13:50	0.0	0.0	13:50	0.0	0.0	-
13:51	0.0	0.0	13:51	0.0	0.0	-

CAMP Data
Sun Valley Nursery Filling Station Site
Ossining, New York
BCP No C360207
September 28, 2023

PID DATA						
Upwind			Downwind			Exceeds VOC Alarm Limit
Time	Concentration (ppm)	15-Min Avg Concentration (ppm)	Time	Concentration (ppm)	15-Min Avg Concentration (ppm)	
13:52	0.0	0.0	13:52	0.0	0.0	-
13:53	0.0	0.0	13:53	0.0	0.0	-
13:54	0.0	0.0	13:54	0.0	0.0	-
13:55	0.0	0.0	13:55	0.0	0.0	-
13:56	0.0	0.0	13:56	0.0	0.0	-
13:57	0.0	0.0	13:57	0.0	0.0	-
13:58	0.0	0.0	13:58	0.0	0.0	-
13:59	0.0	0.0	13:59	0.0	0.0	-
14:00	0.0	0.0	14:00	0.0	0.0	-
14:01	0.0	0.0	14:01	0.0	0.0	-
14:02	0.0	0.0	14:02	0.0	0.0	-
14:03	0.0	0.0	14:03	0.0	0.0	-
14:04	0.0	0.0	14:04	0.0	0.0	-
14:05	0.0	0.0	14:05	0.0	0.0	-
14:06	0.0	0.0	14:06	0.0	0.0	-
14:07	0.0	0.0	14:07	0.0	0.0	-
14:08	0.0	0.0	14:08	0.0	0.0	-
14:09	0.0	0.0	14:09	0.0	0.0	-
14:10	0.0	0.0	14:10	0.0	0.0	-
14:11	0.0	0.0	14:11	0.0	0.0	-
14:12	0.0	0.0	14:12	0.0	0.0	-
14:13	0.0	0.0	14:13	0.0	0.0	-
14:14	0.0	0.0	14:14	0.0	0.0	-
14:15	0.0	0.0	14:15	0.0	0.0	-
14:16	0.0	0.0	14:16	0.0	0.0	-
14:17	0.0	0.0	14:17	0.0	0.0	-
14:18	0.0	0.0	14:18	0.0	0.0	-
14:19	0.0	0.0	14:19	0.0	0.0	-
14:20	0.0	0.0	14:20	0.0	0.0	-
14:21	0.0	0.0	14:21	0.0	0.0	-
14:22	0.0	0.0	14:22	0.0	0.0	-
14:23	0.0	0.0	14:23	0.0	0.0	-
14:24	0.0	0.0	14:24	0.0	0.0	-
14:25	0.0	0.0	14:25	0.0	0.0	-
14:26	0.0	0.0	14:26	0.0	0.0	-
14:27	0.0	0.0	14:27	0.0	0.0	-
14:28	0.0	0.0	14:28	0.0	0.0	-
14:29	0.0	0.0	14:29	0.0	0.0	-
14:30	0.0	0.0	14:30	0.0	0.0	-
14:31	0.0	0.0	14:31	0.0	0.0	-
14:32	0.0	0.0	14:32	0.0	0.0	-
14:33	0.0	0.0	14:33	0.0	0.0	-
14:34	0.0	0.0	14:34	0.0	0.0	-
14:35	0.0	0.0	14:35	0.0	0.0	-
14:36	0.0	0.0	14:36	0.0	0.0	-
14:37	0.0	0.0	14:37	0.0	0.0	-
14:38	0.0	0.0	14:38	0.0	0.0	-
14:39	0.0	0.0	14:39	0.0	0.0	-

CAMP Data
Sun Valley Nursery Filling Station Site
Ossining, New York
BCP No C360207
September 28, 2023

PID DATA						
Upwind			Downwind			Exceeds VOC Alarm Limit
Time	Concentration (ppm)	15-Min Avg Concentration (ppm)	Time	Concentration (ppm)	15-Min Avg Concentration (ppm)	
14:40	0.0	0.0	14:40	0.0	0.0	-
14:41	0.0	0.0	14:41	0.0	0.0	-
14:42	0.0	0.0	14:42	0.0	0.0	-
14:43	0.0	0.0	14:43	0.0	0.0	-
14:44	0.0	0.0	14:44	0.0	0.0	-
14:45	0.0	0.0	14:45	0.0	0.0	-
14:46	0.0	0.0	14:46	0.0	0.0	-
14:47	0.0	0.0	14:47	0.0	0.0	-
14:48	0.0	0.0	14:48	0.0	0.0	-
14:49	0.0	0.0	14:49	0.0	0.0	-
14:50	0.0	0.0	14:50	0.0	0.0	-
14:51	0.0	0.0	14:51	0.0	0.0	-
14:52	0.0	0.0	14:52	0.0	0.0	-
14:53	0.0	0.0	14:53	0.0	0.0	-
14:54	0.0	0.0	14:54	0.0	0.0	-
14:55	0.0	0.0	14:55	0.0	0.0	-
14:56	0.0	0.0	14:56	0.0	0.0	-
14:57	0.0	0.0	14:57	0.0	0.0	-
14:58	0.0	0.0	14:58	0.0	0.0	-

CAMP Data - Dust Particulate (PM-10) Readings (mg/m3)

April 22, 2024

Time	Upwind dust particulate PM-10 (mg/m3)	Downwind dust particulate PM-10 (mg/m ³)	Work Activities dust particulate PM-10 (mg/m ³)
8:16	0.006		NA
8:17	0.005		NA
8:18	0.005		NA
8:19	0.004		NA
8:20	0.004		NA
8:21	0.004		NA
8:22	0.004		NA
8:23	0.010		NA
8:24	0.004		NA
8:25	0.004		NA
8:26	0.002		NA
8:27	0.001		NA
8:28	0.001		NA
8:29	0.001		NA
8:30	0.001		NA
8:31	0.000		NA
8:32	0.001		NA
8:33	0.001		NA
8:34	0.000		NA
8:35	0.000		NA
8:36	0.000	0.017	0.017
8:37	0.000	0.006	0.006
8:38	0.000	0.006	0.006
8:39	0.000	0.006	0.006
8:40	0.000	0.005	0.005
8:41	0.000	0.005	0.005
8:42	0.000	0.005	0.005
8:43	0.000	0.005	0.005
8:44	0.000	0.005	0.005
8:45	0.000	0.005	0.005
8:46	0.000	0.005	0.005
8:47	0.000	0.005	0.005
8:48	0.000	0.004	0.004
8:49	0.000	0.004	0.004
8:50	0.000	0.005	0.005
8:51	-0.001	0.005	0.006
8:52	0.000	0.005	0.005
8:53	-0.002	0.004	0.006
8:54	-0.004	0.004	0.008
8:55	-0.003	0.004	0.007
8:56	-0.002	0.004	0.006

CAMP Data - Dust Particulate (PM-10) Readings (mg/m3)

April 22, 2024

Time	Upwind dust particulate PM-10 (mg/m3)	Downwind dust particulate PM-10 (mg/m ³)	Work Activities dust particulate PM-10 (mg/m ³)
8:57	-0.002	0.004	0.006
8:58	-0.004	0.004	0.008
8:59	-0.004	0.003	0.007
9:00	-0.003	0.004	0.007
9:01	-0.002	0.003	0.005
9:02	-0.002	0.003	0.005
9:03	-0.003	0.003	0.006
9:04	-0.004	0.003	0.007
9:05	-0.002	0.002	0.004
9:06	-0.002	0.003	0.005
9:07	-0.004	0.002	0.006
9:08	-0.004	0.002	0.006
9:09	-0.003	0.002	0.005
9:10	-0.002	0.002	0.004
9:11	-0.002	0.002	0.004
9:12	-0.003	0.002	0.005
9:13	-0.005	0.002	0.007
9:14	-0.005	0.002	0.007
9:15	-0.005	0.002	0.007
9:16	-0.005	0.002	0.007
9:17	-0.001	0.001	0.002
9:18	-0.002	0.002	0.004
9:19	-0.003	0.001	0.004
9:20	-0.003	0.001	0.004
9:21	-0.004	0.001	0.005
9:22	-0.005	0.001	0.006
9:23	-0.005	0.001	0.006
9:24	-0.005	0.001	0.006
9:25	-0.005	0.001	0.006
9:26	-0.004	0.001	0.005
9:27	-0.004	0.001	0.005
9:28	-0.004	0.001	0.005
9:29	-0.005	0.001	0.006
9:30	-0.006	0.003	0.009
9:31	-0.007	0.005	0.012
9:32	-0.007	0.001	0.008
9:33	-0.006	0.002	0.008
9:34	-0.007	0.000	0.007
9:35	-0.006	0.000	0.006
9:36	-0.006	0.000	0.006
9:37	-0.006	0.000	0.006

CAMP Data - Dust Particulate (PM-10) Readings (mg/m3)

April 22, 2024

Time	Upwind dust particulate PM-10 (mg/m3)	Downwind dust particulate PM-10 (mg/m ³)	Work Activities dust particulate PM-10 (mg/m ³)
9:38	-0.006	0.000	0.006
9:39	-0.006	0.000	0.006
9:40	-0.007	0.000	0.007
9:41	-0.008	0.000	0.008
9:42	-0.008	0.000	0.008
9:43	-0.007	0.000	0.007
9:44	-0.007	0.001	0.008
9:45	-0.007	0.000	0.007
9:46	-0.005	0.000	0.005
9:47	-0.007	0.000	0.007
9:48	-0.008	0.000	0.008
9:49	-0.007	0.000	0.007
9:50	-0.007	0.000	0.007
9:51	-0.007	0.001	0.008
9:52	-0.007	0.000	0.007
9:53	-0.006	0.000	0.006
9:54	-0.005	0.000	0.005
9:55	-0.005	0.000	0.005
9:56	-0.006	0.000	0.006
9:57	-0.006	0.000	0.006
9:58	-0.007	0.000	0.007
9:59	-0.008	0.011	0.019
10:00	-0.008	0.000	0.008
10:01	-0.009	0.000	0.009
10:02	-0.009	0.000	0.009
10:03	-0.009	0.000	0.009
10:04	-0.009	0.000	0.009
10:05	-0.009	0.000	0.009
10:06	-0.009	0.000	0.009
10:07	-0.009	0.000	0.009
10:08	-0.008	0.000	0.008
10:09	-0.009	0.000	0.009
10:10	-0.009	0.000	0.009
10:11	-0.009	0.000	0.009
10:12	-0.008	0.000	0.008
10:13	-0.006	0.000	0.006
10:14	-0.009	0.000	0.009
10:15	-0.009	0.000	0.009
10:16	-0.008	0.000	0.008
10:17	-0.009	0.000	0.009
10:18		0.000	NA

CAMP Data - Dust Particulate (PM-10) Readings (mg/m3)

April 22, 2024

Time	Upwind dust particulate PM-10 (mg/m3)	Downwind dust particulate PM-10 (mg/m ³)	Work Activities dust particulate PM-10 (mg/m ³)
10:19		0.000	NA
10:20	0.006	0.000	0.000
10:21	0.005	0.000	0.000
10:22	0.004	0.000	0.000
10:23	0.004	0.000	0.000
10:24	0.005	0.000	0.000
10:25	0.004	0.000	0.000
10:26	0.004	0.000	0.000
10:27	0.004	0.000	0.000
10:28	0.004	0.000	0.000
10:29	0.004	0.000	0.000
10:30	0.004	0.000	0.000
10:31	0.004	0.000	0.000
10:32	0.003	0.000	0.000
10:33	0.004	0.000	0.000
10:34	0.004	0.000	0.000
10:35	0.004	0.000	0.000
10:36	0.005	0.000	0.000
10:37	0.005	0.000	0.000
10:38	0.004	0.000	0.000
10:39	0.004	0.000	0.000
10:40	0.004	0.000	0.000
10:41	0.004	0.000	0.000
10:42	0.004	0.000	0.000
10:43	0.005	0.000	0.000
10:44		0.000	NA
10:45		0.000	NA
10:46		0.000	NA
10:47		0.001	NA
10:48		0.000	NA
10:49		0.000	NA
10:50		0.000	NA
10:51		0.000	NA
10:52		0.000	NA
10:53		0.000	NA
10:54		0.000	NA
10:55		0.000	NA
10:56		0.000	NA
10:57		0.000	NA
10:58		0.001	NA
10:59	0.005	0.000	0.000

CAMP Data - Dust Particulate (PM-10) Readings (mg/m3)

April 22, 2024

Time	Upwind dust particulate PM-10 (mg/m3)	Downwind dust particulate PM-10 (mg/m ³)	Work Activities dust particulate PM-10 (mg/m ³)
11:00	0.004	0.000	0.000
11:01	0.004	0.000	0.000
11:02	0.004	0.000	0.000
11:03	0.005	0.000	0.000
11:04	0.005	0.000	0.000
11:05	0.004	0.000	0.000
11:06	0.005	0.000	0.000
11:07	0.005	0.000	0.000
11:08	0.015	0.000	0.000
11:09	0.006	0.000	0.000
11:10	0.005	0.000	0.000
11:11	0.005	0.000	0.000
11:12	0.005	0.000	0.000
11:13	0.004	0.000	0.000
11:14	0.004	0.000	0.000
11:15	0.004	0.000	0.000
11:16	0.005	0.000	0.000
11:17	0.005	0.000	0.000
11:18	0.004	0.000	0.000
11:19	0.004	0.000	0.000
11:20	0.004	0.000	0.000
11:21	0.005	0.000	0.000
11:22	0.006	0.000	0.000
11:23	0.006	0.000	0.000
11:24	0.005	0.000	0.000
11:25	0.005	0.000	0.000
11:26	0.005	0.000	0.000
11:27	0.004	0.000	0.000
11:28	0.005	0.000	0.000
11:29	0.005	0.000	0.000
11:30	0.005	0.000	0.000
11:31	0.004	0.000	0.000
11:32	0.004	0.000	0.000
11:33	0.004	0.000	0.000
11:34	0.004	0.001	0.000
11:35	0.004	0.003	0.000
11:36	0.004	0.000	0.000
11:37	0.005	0.000	0.000
11:38	0.004	0.000	0.000
11:39	0.004	0.002	0.000
11:40	0.003	0.000	0.000

CAMP Data - Dust Particulate (PM-10) Readings (mg/m3)

April 22, 2024

Time	Upwind dust particulate PM-10 (mg/m3)	Downwind dust particulate PM-10 (mg/m ³)	Work Activities dust particulate PM-10 (mg/m ³)
11:41	0.003	0.000	0.000
11:42	0.003	0.000	0.000
11:43	0.003	0.000	0.000
11:44	0.003	0.000	0.000
11:45	0.004	0.000	0.000
11:46	0.004	0.000	0.000
11:47	0.004	0.000	0.000
11:48	0.004	0.000	0.000
11:49	0.005	0.000	0.000
11:50	0.006	0.000	0.000
11:51	0.005	0.000	0.000
11:52	0.005	0.000	0.000
11:53	0.006	0.000	0.000
11:54	0.005	0.000	0.000
11:55	0.005	0.000	0.000
11:56	0.006	0.000	0.000
11:57	0.005	0.000	0.000
11:58	0.005	0.000	0.000
11:59	0.005	0.000	0.000
12:00	0.005	0.000	0.000
12:01	0.006	0.000	0.000
12:02	0.005	0.000	0.000
12:03	0.005	0.000	0.000
12:04	0.005	0.000	0.000
12:05	0.005	0.000	0.000
12:06	0.005	0.000	0.000
12:07		0.000	NA
12:08		0.000	NA
12:09		0.000	NA
12:10		0.000	NA
12:11		0.000	NA
12:12		0.000	NA
12:13		0.000	NA
12:14		0.000	NA
12:15		0.000	NA
12:16		0.000	NA
12:17		0.000	NA
12:18		0.000	NA
12:19		0.000	NA
12:20		0.000	NA
12:21		0.000	NA

CAMP Data - Dust Particulate (PM-10) Readings (mg/m3)

April 22, 2024

Time	Upwind dust particulate PM-10 (mg/m3)	Downwind dust particulate PM-10 (mg/m ³)	Work Activities dust particulate PM-10 (mg/m ³)
12:22		0.000	NA
12:23		0.000	NA
12:24		0.000	NA
12:25		0.000	NA
12:26		0.000	NA
12:27		0.000	NA
12:28		0.000	NA
12:29		0.000	NA
12:30		0.000	NA

CAMP Data - PID (VOC) Readings (ppm)

March 22, 2024

Date and Time	Upwind VOCs 15-minute TWA (ppm)	Downwind VOCs 15-minute TWA (ppm)	Work Activities VOCs 15 minute TWA (ppm)
8:18	0.0		NA
8:19	0.0		NA
8:20	0.0		NA
8:21	0.0		NA
8:22	0.0		NA
8:23	0.0		NA
8:24	0.0		NA
8:25	0.0		NA
8:26	0.0		NA
8:27	0.0		NA
8:28	0.0		NA
8:29	0.0		NA
8:30	0.0		NA
8:31	0.0		NA
8:32	0.0		NA
8:33	0.0		NA
8:34	0.0		NA
8:35	0.0		NA
8:36	0.0		NA
8:37	0.0		NA
8:38	0.0		NA
8:39	0.0	0.0	0.0
8:40	0.0	0.0	0.0
8:41	0.0	0.0	0.0
8:42	0.0	0.0	0.0
8:43	0.0	0.0	0.0
8:44	0.0	0.0	0.0
8:45	0.0	0.0	0.0
8:46	0.0	0.0	0.0
8:47	0.0	0.0	0.0
8:48	0.0	0.0	0.0
8:49	0.0	0.0	0.0
8:50	0.0	0.0	0.0
8:51	0.0	0.0	0.0
8:52	0.0	0.0	0.0
8:53	0.0	0.0	0.0
8:54	0.0	0.0	0.0
8:55	0.0	0.0	0.0
8:56	0.0	0.0	0.0
8:57	0.0	0.0	0.0
8:58	0.0	0.0	0.0
8:59	0.0	0.0	0.0
9:00	0.0	0.0	0.0
9:01	0.0	0.0	0.0
9:02	0.0	0.0	0.0

CAMP Data - PID (VOC) Readings (ppm)

March 22, 2024

Date and Time	Upwind VOCs 15-minute TWA (ppm)	Downwind VOCs 15-minute TWA (ppm)	Work Activities VOCs 15 minute TWA (ppm)
9:03	0.0	0.0	0.0
9:04	0.0	0.0	0.0
9:05	0.0	0.0	0.0
9:06	0.0	0.0	0.0
9:07	0.0	0.0	0.0
9:08	0.0	0.0	0.0
9:09	0.0	0.0	0.0
9:10	0.0	0.0	0.0
9:11	0.0	0.0	0.0
9:12	0.0	0.0	0.0
9:13	0.0	0.0	0.0
9:14	0.0	0.0	0.0
9:15	0.0	0.0	0.0
9:16	0.0	0.0	0.0
9:17	0.0	0.0	0.0
9:18	0.0	0.0	0.0
9:19	0.0	0.0	0.0
9:20	0.0	0.0	0.0
9:21	0.0	0.0	0.0
9:22	0.0	0.0	0.0
9:23	0.0	0.0	0.0
9:24	0.0	0.0	0.0
9:25	0.0	0.0	0.0
9:26	0.0	0.0	0.0
9:27	0.0	0.0	0.0
9:28	0.0	0.0	0.0
9:29	0.0	0.0	0.0
9:30	0.0	0.0	0.0
9:31	0.0	0.0	0.0
9:32	0.0	0.0	0.0
9:33	0.0	0.0	0.0
9:34	0.0	0.0	0.0
9:35	0.0	0.0	0.0
9:36	0.0	0.0	0.0
9:37	0.0	0.0	0.0
9:38	0.0	0.0	0.0
9:39	0.0	0.0	0.0
9:40	0.0	0.0	0.0
9:41	0.0	0.0	0.0
9:42	0.0	0.0	0.0
9:43	0.0	0.0	0.0
9:44	0.0	0.0	0.0
9:45	0.0	0.0	0.0
9:46	0.0	0.0	0.0
9:47	0.0	0.0	0.0

CAMP Data - PID (VOC) Readings (ppm)

March 22, 2024

Date and Time	Upwind VOCs 15-minute TWA (ppm)	Downwind VOCs 15-minute TWA (ppm)	Work Activities VOCs 15 minute TWA (ppm)
9:48	0.0	0.0	0.0
9:49	0.0	0.0	0.0
9:50	0.0	0.0	0.0
9:51	0.0	0.0	0.0
9:52	0.0	0.0	0.0
9:53	0.0	0.0	0.0
9:54	0.0	0.0	0.0
9:55	0.0	0.0	0.0
9:56	0.0	0.0	0.0
9:57	0.0	0.0	0.0
9:58	0.0	0.0	0.0
9:59	0.0	0.0	0.0
10:00	0.0	0.0	0.0
10:01	0.0	0.0	0.0
10:02	0.0	0.0	0.0
10:03	0.0	0.0	0.0
10:04	0.0	0.0	0.0
10:05	0.0	0.0	0.0
10:06	0.0	0.0	0.0
10:07	0.0	0.0	0.0
10:08	0.0	0.0	0.0
10:09	0.0	0.0	0.0
10:10	0.0	0.0	0.0
10:11	0.0	0.0	0.0
10:12	0.0	0.0	0.0
10:13	0.0	0.0	0.0
10:14	0.0	0.0	0.0
10:15	0.0	0.0	0.0
10:16	0.0	0.0	0.0
10:17	0.0	0.0	0.0
10:18	0.0	0.0	0.0
10:19	0.0	0.0	0.0
10:20	0.0	0.0	0.0
10:21	0.0	0.0	0.0
10:22	0.0	0.0	0.0
10:23	0.0	0.0	0.0
10:24	0.0	0.0	0.0
10:25	0.0	0.0	0.0
10:26	0.0	0.0	0.0
10:27	0.0	0.0	0.0
10:28	0.0	0.0	0.0
10:29	0.0	0.0	0.0
10:30	0.0	0.0	0.0
10:31	0.0	0.0	0.0
10:32	0.0	0.0	0.0

CAMP Data - PID (VOC) Readings (ppm)

March 22, 2024

Date and Time	Upwind VOCs 15-minute TWA (ppm)	Downwind VOCs 15-minute TWA (ppm)	Work Activities VOCs 15 minute TWA (ppm)
10:33	0.0	0.0	0.0
10:34	0.0	0.0	0.0
10:35	0.0	0.0	0.0
10:36	0.0	0.0	0.0
10:37	0.0	0.0	0.0
10:38	0.0	0.0	0.0
10:39	0.0	0.0	0.0
10:40	0.0	0.0	0.0
10:41	0.0	0.0	0.0
10:42	0.0	0.0	0.0
10:43	0.0	0.0	0.0
10:44	0.0	0.0	0.0
10:45	0.0	0.0	0.0
10:46	0.0	0.0	0.0
10:47	0.0	0.0	0.0
10:48	0.0	0.0	0.0
10:49	0.0	0.0	0.0
10:50	0.0	0.0	0.0
10:51	0.0	0.0	0.0
10:52	0.0	0.0	0.0
10:53	0.0	0.0	0.0
10:54	0.0	0.0	0.0
10:55	0.0	0.0	0.0
10:56	0.0	0.0	0.0
10:57	0.0	0.0	0.0
10:58	0.0	0.0	0.0
10:59	0.0	0.0	0.0
11:00	0.0	0.0	0.0
11:01	0.0	0.0	0.0
11:02	0.0	0.0	0.0
11:03	0.0	0.0	0.0
11:04	0.0	0.0	0.0
11:05	0.0	0.0	0.0
11:06	0.0	0.0	0.0
11:07	0.0	0.0	0.0
11:08	0.0	0.0	0.0
11:09	0.0	0.0	0.0
11:10	0.0	0.0	0.0
11:11	0.0	0.0	0.0
11:12	0.0	0.0	0.0
11:13	0.0	0.0	0.0
11:14	0.0	0.0	0.0
11:15	0.0	0.0	0.0
11:16	0.0	0.0	0.0
11:17	0.0	0.0	0.0

CAMP Data - PID (VOC) Readings (ppm)

March 22, 2024

Date and Time	Upwind VOCs 15-minute TWA (ppm)	Downwind VOCs 15-minute TWA (ppm)	Work Activities VOCs 15 minute TWA (ppm)
11:18	0.0	0.0	0.0
11:19	0.0	0.0	0.0
11:20	0.0	0.0	0.0
11:21	0.0	0.0	0.0
11:22	0.0	0.0	0.0
11:23	0.0	0.0	0.0
11:24	0.0	0.0	0.0
11:25	0.0	0.0	0.0
11:26	0.0	0.0	0.0
11:27	0.0	0.0	0.0
11:28	0.0	0.0	0.0
11:29	0.0	0.0	0.0
11:30	0.0	0.0	0.0
11:31	0.0	0.0	0.0
11:32	0.0	0.0	0.0
11:33	0.0	0.0	0.0
11:34	0.0	0.0	0.0
11:35	0.0	0.0	0.0
11:36	0.0	0.0	0.0
11:37	0.0	0.0	0.0
11:38	0.0	0.0	0.0
11:39	0.0	0.0	0.0
11:40	0.0	0.0	0.0
11:41	0.0	0.0	0.0
11:42	0.0	0.0	0.0
11:43	0.0	0.0	0.0
11:44	0.0	0.0	0.0
11:45	0.0	0.0	0.0
11:46	0.0	0.0	0.0
11:47	0.0	0.0	0.0
11:48	0.0	0.0	0.0
11:49	0.0	0.0	0.0
11:50	0.0	0.0	0.0
11:51	0.0	0.0	0.0
11:52	0.0	0.0	0.0
11:53	0.0	0.0	0.0
11:54	0.0	0.0	0.0
11:55	0.0	0.0	0.0
11:56	0.0	0.0	0.0
11:57	0.0	0.0	0.0
11:58	0.0	0.0	0.0
11:59	0.0	0.0	0.0
12:00	0.0	0.0	0.0
12:01	0.0	0.0	0.0
12:02	0.0	0.0	0.0

CAMP Data - PID (VOC) Readings (ppm)

March 22, 2024

Date and Time	Upwind VOCs 15-minute TWA (ppm)	Downwind VOCs 15-minute TWA (ppm)	Work Activities VOCs 15 minute TWA (ppm)
12:03	0.0	0.0	0.0
12:04	0.0	0.0	0.0
12:05	0.0	0.0	0.0
12:06	0.0	0.0	0.0
12:07	0.0	0.0	0.0
12:08	0.0	0.0	0.0
12:09	0.0	0.0	0.0
12:10	0.0	0.0	0.0
12:11		0.0	NA
12:12		0.0	NA
12:13		0.0	NA
12:14		0.0	NA
12:15		0.0	NA
12:16		0.0	NA
12:17		0.0	NA
12:18		0.0	NA
12:19		0.0	NA
12:20		0.0	NA
12:21		0.0	NA
12:22		0.0	NA
12:23		0.0	NA
12:24		0.0	NA
12:25		0.0	NA
12:26		0.0	NA
12:27		0.0	NA
12:28		0.0	NA
12:29		0.0	NA
12:30		0.0	NA
12:31		0.0	NA
12:32		0.0	NA
12:33		0.0	NA
12:34		0.0	NA

Appendix C:

GPR Report

Coastal Environmental Solutions, Inc.

GEOPHYSICAL INVESTIGATION REPORT

9/22/23

136-140 Croton Ave, Ossining, NY

Date of Investigation: 9/12/2023

Prepared for:

SESI Consulting Engineers
12A Maple Avenue
Pine Brook, NJ 07058

Prepared By:



Dennis Berthold
Director of Geophysical Operations
Coastal Environmental Solutions, Inc.
PO Box 342
Medford, New York 11763

1.0 INTRODUCTION

On 9/12/2023, Coastal Environmental Solutions, Inc (Coastal) personnel performed a limited geophysical investigation at the site located at 136-140 Croton Ave, Ossining, NY. The area of interest included the accessible areas across the property as indicated by the client. Surface conditions consisted of asphalt, concrete, and grass/soil.

2.0 SCOPE OF WORK

1. Locate and mark detectable underground utilities near client proposed soil boring and monitoring well locations.
2. Locate evidence of former or current underground structures such as Underground Storage Tanks (USTs).

3.0 EQUIPMENT

ImpulseRadar PinPointR Ultra-Wide Band (UWB) Penetrating Radar System

Ground Penetrating RADAR (GPR) is a non-destructive geophysical method that produces a continuous cross-sectional profile of subsurface features in real time. GPR operates by transmitting both high and low frequency electromagnetic wave pulses down into the ground through a transmitter in the antenna. The transmitted electromagnetic waves reflect off materials with contrasting dielectric properties from surrounding medium such as underground storage tanks, utilities, distinct contacts between different earth materials, and other various subsurface objects. The antenna receiver collects the reflected electromagnetic waves which are then interpreted by the operator.

The ImpulseRadar PinPointR UWB GPR utilizes a dual band 400/800 MHz HS antenna mounted to a stroller frame which rolls over the surface. The total depth of penetration achieved with the antenna can be up to 10 feet but widely varies based on site-specific subsurface conditions. Conductive materials in the soil attenuate the GPR signal causing a decrease in effective depth of penetration and clarity.

Vivax-Metrotech vLoc3-Pro Receiver/Transmitter

The vLoc3-Pro Receiver is a hand-operated antenna capable of detecting electromagnetic (EM) fields emitted from a source. The EM antenna can detect pipes and cables in the ground at depths of up to 20 feet using active or passive tracing techniques. Passive tracing is the act of locating an underground utility through the detection of electrical or radio signals travelling along conductive utilities. Active tracing is used in conjunction with the Transmitter that is directly connected to the target utility or to a conductive rodder within a non-conductive line. A signal is sent through the utility at a specific frequency that can be detected by the Receiver. The detectability of a target utility depends on many factors including access to the target utility, grounding, depth of utility, conductivity, and other site-specific factors.

TW-6 Pipe and Cable Locator

The TW-6 Pipe and Cable locator is a handheld magnetometer which utilizes a transmitter-receiver pair attached to opposite ends of a handle and carried approximately 1-2ft from the surface. The

magnetometer induces an electromagnetic (EM) field into the ground that is generated by the transmitter. Once the induced EM field passes through a buried metallic object, it generates a secondary EM field which is detected by the receiver, generating an audible tone. Based on the calibration of the magnetometer, the audible tone reflects the strongest response as the highest pitched sound, trailing off on all sides of the peak. This piece of technology can be used to detect subsurface features such as metallic USTs, large diameter conductive pipes, and buried manholes, especially in areas in which traditional GPR methods cannot be utilized, such as overgrown or uneven surfaces.

4.0 METHODOLOGY

1. A subsurface investigation was performed near the client proposed soil boring locations. Active and passive detection methods were utilized with the VLoc3-Pro receiver/transmitter. Coastal personnel directly connected to all accessible and traceable pipes, conduits, valve covers, and any other surface feature throughout the site. A passive scan was performed throughout the site to detect any potential underground utilities that could not be located with active scan.
2. (If applicable) The TW-6 was utilized to sweep accessible areas around suspect locations in 3-to-5-foot spacings for readings that may represent a buried metallic anomaly. Upon detection of a reading, the approximate size and shape of the anomalous area was marked on the surface to be investigated further with GPR.
3. GPR was utilized to further characterize the approximate dimensions, depth, and shape of the anomalies located with the TW-6. The remainder of the areas around the suspect locations were scanned with GPR in 3-to-5-foot spacing to locate any anomalous features not previously detected such as non-conductive piping and former excavations.
4. All findings were marked on the surface utilizing the American Public Works Association (APWA) recommended color code, seen below:

WHITE	Proposed Excavation
PINK	Temporary Survey Markings (Approximate UST Locations, Soil Boring Locations)
RED	Electric Power Lines, Cables, Conduit and Lighting Cables
YELLOW	Gas, Oil, Steam, Petroleum or Gaseous Materials
ORANGE	Communication, Alarm or Signal Lines, Cables or Conduit
BLUE	Water (Domestic and Fire Lines)
PURPLE	Irrigation (Not commonly used)
GREEN	Sewers and Drain Lines

5.0 SUMMARY OF FINDINGS

Subsurface Investigation

Coastal personnel conducted a subsurface investigation on all accessible areas of concern. All proposed soil borings were first identified by SESI field personnel during a walkthrough of the locations. During Coastal's initial investigation of the site, no active utilities were still connected to the property. A drain was located though no piping associated with the drain was traced out. 3

magnetic anomalies were detected throughout the property. All detections are called out on the included maps in the “Figures” section of the report.

Limitations

The effective depth of GPR penetration was limited to 3 feet below the asphalt and concrete grades and 5 feet below the soil grade. The limiting factor was due to soil conductivity attenuating the GPR signal. The GPR and TW-6 are unable to be utilized within proximity to parked vehicles, metallic fences and exterior walls. Approximately half of the site was inaccessible by GPR due to overgrowth, though those areas were mostly able to be investigated with the TW-6 Magnetometer.

Disclaimer

The subsurface investigation was performed by Coastal after considering the limits of the scope of work and the time constraint for the investigation. The investigation that is described in this report was undertaken in accordance with current accepted standards and practices of the geophysical survey industry. The results and interpretations that are presented are based on professional judgment and are as accurate as can reasonably be achieved. However, no geophysical equipment can accurately depict all subsurface features due to the geology and environmental conditions of the subsurface. Any intrusive work in proximity to identified anomalies should be carefully considered and cross-referenced with all available site-specific documentation. Coastal is not liable for the use, interpretation, or application of the data and information in this report.

PHOTOS & GPR SCREENSHOTS

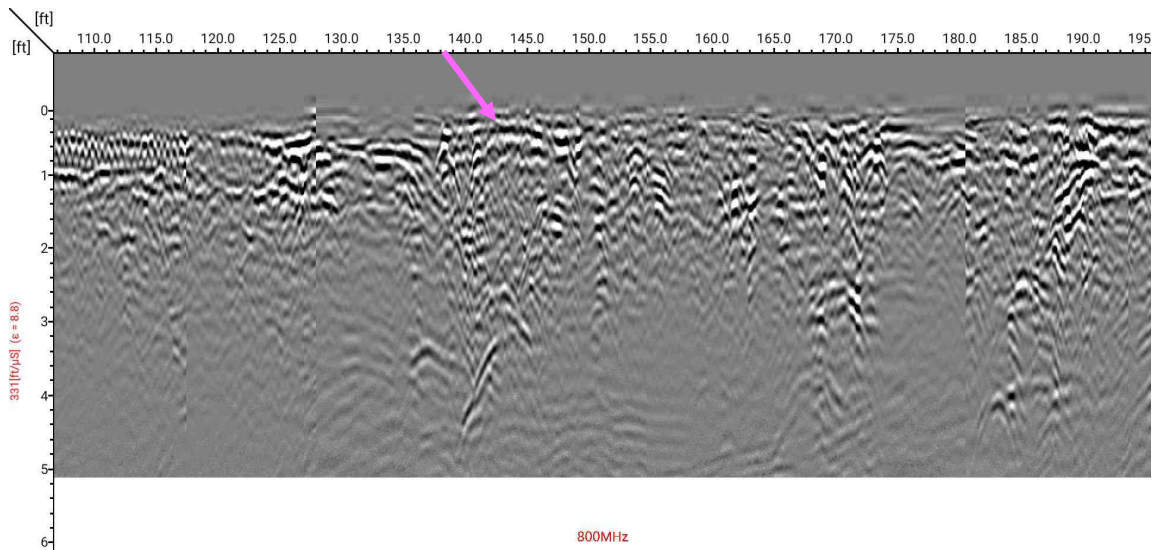


Photo 1 and GPR Screenshot 1 – Photo of one of the magnetic anomalies located in the center of the property, proximate to the former location of the gasoline tank pads. The GPR screenshot shows a possible structure at the location of the arrow indicating the magnetic detection may be a lid or metal-reinforced concrete.



Photos 2 & 3– View of a magnetic anomaly on a raised concrete pad located along the east side of the site. This anomaly did not reveal any data during a GPR investigation of the area, though a second magnetic anomaly (shown below) was also detected within approximately 10 feet of each other.





Photo 4 – Expanded view of the elevated concrete pad containing the two detections.



Photo 5 – A large section of this property contained chest-high vegetation which prevented a GPR investigation within these areas.

FIGURES



Geophysical Investigation Results

136-140 Croton Ave
Ossining, New York



Coastal Environmental Solutions Inc.

PO Box 342, Medford New York 11763

Date of Investigation: 9.12.2023

Figure No. 1 - Overall Site

Appendix D:

Boring/Monitoring Well Construction Logs

				PROJECT NAME:	136-140 Croton Ave	GEOPROBE NO.	RI-SB-1
				LOCATION:	Ossining, NY	JOB NO.	12060
				METHOD:	Direct Push	GROUND ELEVATION:	
GEOPROBE BY: Coastal (Brandon)				DATE STARTED:	9/15/2023	GROUNDWATER TABLE DEPTH:	
INSPECTOR: Ronnie Reynoso				DATE COMPLETED:	9/15/2023	0 Hr.	24 Hr.
							Date 9/15/2023
DEPTH (ft)	RECOVERY (in)	SAMPLE TUBE No.	DEPTH		ENVIRONMENTAL SOIL SAMPLE NAME	SOIL DESCRIPTION AND STRATIFICATION	PID
			FROM (ft)	TO (ft)			
0							
	60"	1	0		RI-SB-1 (2.5-3)	(0-5) Brown fine SAND, little M-F Gravel, little silt, trace clay. NS.NO.Dry.	0
							0
							0
						(5-10) Brown fine SAND, little F Gravel, little silt, trace clay. NS.NO.Dry.	0
5				5			0
	60"	2	5		RI-SB-1 (9-9.5)		0
							0
						(10-15) Brown fine SAND, little M-F Gravel, little silt, trace clay. NS.NO.Dry. Compact and hard.	0
							0
10				10			0
	60"	3	10		RI-SB-1 (10-10.5)	(15-19) Brown Fine SAND, little fine Gravel, little silt, trace clay. NO,NS, DRY. Compacted.	1.3 (10')
							0
							0
							0
15				15			0
	50"		15		RI-SB-1 (18.5-19)	BORING COMPLETED AT ± 19 FEET	0
							0
							0
20				19			0
25							
30							
35							
40							

Nominal I.D. of Hole	in.	The subsurface information shown hereon was obtained for the design and estimating purposes for our client. It is made available to authorized users only that they may have access to the same information available to our client. It is presented in good faith, but it is not intended as a substitute for investigations, interpretations or judgment of such authorized users. Information on the logs should not be relied upon without the geotechnical engineers recommendations contained in the report from which these logs were extracted. Pp: Pocket Penetrometer; DP: Direct Push
Nominal I.D. of Barrel Sampler	1% in	

Approximate Change in Strata: _____ Inferred Change in Strata: _____

Soil descriptions represent a field identification after D. M. Burmister unless otherwise noted.

			PROJECT NAME: 136-140 Croton Ave		GEOPROBE NO. RI-SB-2	
			LOCATION: Ossining, NY		JOB NO. 12060	
			METHOD: Direct Push		GROUND ELEVATION:	
GEOPROBE BY: Coastal (Brandon)			DATE STARTED: 9/15/2023		GROUNDWATER TABLE DEPTH:	
INSPECTOR: Ronnie Reynoso			DATE COMPLETED: 9/15/2023		0 Hr.	24 Hr.
					Date	9/15/2023
DEPTH (ft)	RECOVERY (in)	SAMPLE TUBE No.	DEPTH		ENVIRONMENTAL SOIL SAMPLE NAME	PID
			FROM (ft)	TO (ft)		
0						
	45"	1	0		RI-SB-2 (4.5-5)	110
					6" asphalt (gas odor) -----	30
						77
						46
5				5	(0.5-5) Dark-Gray Fine SAND, little M-F Gravel, little silt, trace clay. Strong Gas odor, visible staining and discoloration, moist)	20
	60"	2	5		RI-SB-2 (5.5-6)	130
						360
					(5-6.5) Gray Fine sand, M-F gravel little silt. Trace clay.	420
					Very impacted, Gas odor, discolored. Saturated and mushy.	1200
10				10		50 (5')
	20"	3	10		RI-SB-2 (10-10.5)	1200 (5.5')
				11	RI-SB-2 (10.5-11)	1000
					(6.5-10) Brown-Gray Fine SAND, some C-F Gravel, little silt, trace clay. Gas odor, some discoloration/staining, dry.	580
15					(10-11) Gray-brown fine SAND, little M-F gravel, little silt, trace clay. Very impacted 10-10.5, Gas odor, discolored.	90
					Less impacted than higher depths.	60
						85
						380
20						39
					BORING COMPLETED AT ± 11 FEET	36
						60 (10')
						450 (10')
						780
						70
25						1000
						150(11')
30						
35						
40						

Nominal I.D. of Hole	in.
Nominal I.D. of Barrel Sampler	1 3/4 in.

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Pp: Pocket Penetrometer; DP: Direct Push

Approximate Change in Strata: _____ Inferred Change in Strata: _____

Soil descriptions represent a field identification after D. M. Burmister unless otherwise noted.

FIGURE #

Page 1 of 1

Nominal I.D. of Hole	in.
Nominal I.D. of Barrel Sampler	1% in.

Pp: Pocket Penetrometer; DP: Direct Push

Soil descriptions represent a field identification after D. M. Burmister unless otherwise noted.

Nominal I.D. of Hole	in.
Nominal I.D. of Barrel Sampler	1% in.

Pp: Pocket Penetrometer; DP: Direct Push

Soil descriptions represent a field identification after D. M. Burmister unless otherwise noted.

				PROJECT NAME: 136-140 Croton Ave		GEOPROBE NO. RI-SB-5	
				LOCATION: Ossining, NY		JOB NO. 12060	
				METHOD: Direct Push		GROUND ELEVATION:	
GEOPROBE BY: Coastal (Brandon)				DATE STARTED: 9/14/2023		GROUNDWATER TABLE DEPTH:	
INSPECTOR: Ronnie Reynoso				DATE COMPLETED: 9/14/2023		0 Hr.	24 Hr.
						Date	9/14/2023
DEPTH (ft)	RECOVERY (in)	SAMPLE TUBE No.	DEPTH		ENVIRONMENTAL SOIL SAMPLE NAME	SOIL DESCRIPTION AND STRATIFICATION	PID
			FROM (ft)	TO (ft)			
0							
5	40	1	0		RI-SB-5 (1-1.5)	6" top soil/ asphalt	4.5
						(0.5-1.5) Dark brown M-F SAND, some M-F gravel. (Gas odor, NS)	690
							135
						(1.5 - 5') Brown Fine SAND, some M- F Gravel, little silt, trace clay. Gas odor, some discoloration due to impact, moisture present.)	40
10				5			49
	36	2	5		RI-SB-5 (9-9.5)		17
						(5-6.5) Brown fine SAND, little F gravel, little silt, trace clay.	79
						Impacted, discolored/stained, strong gas odor, impacted areas are wet/ sturated) Signs of higher clay content.	10
15				10			5
							18.6 (5')
	60	3	10		RI-SB-5 (10-10.5)	(6.5-10) Brown-fine SAND, little M-F gravel, little silt, trace clay. Staining/discoloration and gas odor	9
							75
20							139
						(10-15) Brown-Dark brown fine SAND, some M-F gravel, little silt, trace clay.	5
				15	RI-SB-5 (14.5-15)	from 10-10.5 some staining, and gas odor. Rest of the boring minimal odor, no staining dry)	1
							13
25							6
							275
						BORING COMPLETED AT ± 15 FEET	20
							210 (10')
30							60(10')
							16
							0
							6.7 (11.5)
35							0
							0
							0
							0 (to 15')
40							

Nominal I.D. of Hole	in.	The subsurface information shown hereon was obtained for the design and estimating purposes for our client. It is made available to authorized users only that they may have access to the same information available to our client. It is presented in good faith, but it is not intended as a substitute for investigations, interpretations or judgment of such authorized users. Information on the logs should not be relied upon without the geotechnical engineers recommendations contained in the report from which these logs were extracted.
Nominal I.D. of Barrel Sampler	1 3/4 in	

Pp: Pocket Penetrometer; DP: Direct Push

Approximate Change in Strata: _____ Inferred Change in Strata: _____

Soil descriptions represent a field identification after D. M. Burmister unless otherwise noted.

FIGURE #

Page 1 of 1

				PROJECT NAME: 136-140 Croton Ave		GEOPROBE NO. RI-SB-6	
				LOCATION: Ossining, NY		JOB NO. 12060	
				METHOD: Direct Push		GROUND ELEVATION:	
GEOPROBE BY: Coastal (Brandon)				DATE STARTED: 9/13/2023		GROUNDWATER TABLE DEPTH:	
INSPECTOR: Ronnie Reynoso				DATE COMPLETED: 9/13/2023		0 Hr.	24 Hr.
						Date	9/13/2023
DEPTH (ft)	RECOVERY (in)	SAMPLE TUBE No.	DEPTH		ENVIRONMENTAL SOIL SAMPLE NAME	SOIL DESCRIPTION AND STRATIFICATION	PID
			FROM (ft)	TO (ft)			
0							
5	32	1	0		RI-SB-6 (1-1.5)	6" top soil/ coarse gravel, smell. _____	0
						(0.5-2') Dark brown M-F SAND, some M-F gravel. (Gas odor, NS)	0
							0
						(1.5 - 5') Brown Fine SAND, little F Gravel, little silt, trace clay.	0
10				5		moderate Gas odor, some discoloration due to impact,	0
	38	2	5		RI-SB-6 (7-7.5)	moisture present, gas smell can be from asphalt.)	0
						(2-5) Brown fine SAND.	0
						(5-10) Brown fine SAND, little M-F gravel, little silt, trace clay.	0
15				10		(discoloration which could be due to asphalt)	0(5')
							0
	60	3	10		RI-SB-6 (14-14.5)	(10-15) Brown-Dark brown fine SAND, some M-F gravel, little silt, trace clay.	0
						Very compact from 12.5-15, NO, NS	0
20				15			97
							8
							156
							6
25							153
							4.6
							2.4
							3
30							2.4
							1.6
							0
							0
35							0
							0
							0
							0 (to 15')
40							

Nominal I.D. of Hole	in.
Nominal I.D. of Barrel Sampler	1 3/4 in.

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Pp: Pocket Penetrometer; DP: Direct Push

Approximate Change in Strata: _____ Inferred Change in Strata: _____

Soil descriptions represent a field identification after D. M. Burmister unless otherwise noted.

FIGURE #

Page 1 of 1

				PROJECT NAME: 136-140 Croton Ave		GEOPROBE NO. RI-SB-7	
				LOCATION: Ossining, NY		JOB NO. 12060	
				METHOD: Direct Push		GROUND ELEVATION:	
GEOPROBE BY: Coastal (mike)				DATE STARTED: 9/15/2023		GROUNDWATER TABLE DEPTH:	
INSPECTOR: Ronnie Reynoso				DATE COMPLETED: 9/15/2023		0 Hr.	24 Hr.
						Date	9/15/2023
DEPTH (ft)	RECOVERY (in)	SAMPLE TUBE No.	DEPTH		ENVIRONMENTAL SOIL SAMPLE NAME	SOIL DESCRIPTION AND STRATIFICATION	PID
			FROM (ft)	TO (ft)			
0							
5	45	1	0		RI-SB-7 (4.5-5)	6" top soil/ asphalt	0
						(0.5-5') brown Fine SAND, little M-F gravel, little silt, trace clay.	0
						NO, some discoloration 4-5' but not smell. Dry.	0
						(5-10') Brown Fine SAND, little M- F Gravel, little silt, trace clay.	0
10				5		NO,NS, dry.	0
	60	2	5		RI-SB-7 (5.5-6)	moisture present, gas smell can be from asphalt.)	0
							0
						(10-15) Brown fine SAND, some M-F gravel, little silt, trace clay.	0
15				10		NS,NO,dry.	0
							0
						(15-19) Brown fine SAND, little M-F gravel, little silt, trace clay.	0
						Very compact from 10-19, NO, NS	0
20				15			0
	58	4	15		RI-SB-7 (18.5-19)		0
							0
							0
25				19			0
							0
							0
							0
30							0
							0
							0
							0
35							0
							0
							0
							0
40							0
							0
							0
							0

Nominal I.D. of Hole	in.
Nominal I.D. of Barrel Sampler	1 3/4 in

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Pp: Pocket Penetrometer; DP: Direct Push

Approximate Change in Strata: _____ Inferred Change in Strata: _____

Soil descriptions represent a field identification after D. M. Burmister unless otherwise noted.

FIGURE #

Page 1 of 1

SESI CONSULTING ENGINEERS				PROJECT NAME:		136-140 Croton Ave		GEOPROBE NO.		RI-SB-8							
				LOCATION:		Ossining, NY		JOB NO.		12060							
				METHOD:		Direct Push		GROUND ELEVATION:									
GEOPROBE BY: Coastal (mike)				DATE STARTED:		9/18/2023		GROUNDWATER TABLE DEPTH:									
INSPECTOR: Ronnie Reynoso				DATE COMPLETED:		9/18/2023		0 Hr.				24 Hr.		Date		9/18/2023	
DEPTH (ft)	RECOVERY (in)	SAMPLE TUBE No.	DEPTH		ENVIRONMENTAL SOIL SAMPLE NAME	SOIL DESCRIPTION AND STRATIFICATION										PID	
(ft)	(in)		FROM (ft)	TO (ft)													
0						6" top soil/ brown M-F sand, some M-f gravel, trace silt, trace clay. Some gas odor, NS, dry. (0.5-3.5') Dark- light gray fine sand, little M-F gravel, little silt, trace clay (higher % of clay) stained gray and discolored, gas odor. (3.5-5') dark-light gray fine SAND, little F Gravel, little silt, trace clay. gas odor, gray discoloration/ staining, moist (5-7) Dark gray fine SAND, little F gravel, little silt, trace clay. Gray staining, gas odor, moist. (7-10) dark gray fine SAND, little F gravel, little silt, trace clay. Stained, gas odor, moist, compact) (10-15) Brown gray fine SAND, little F gravel, little silt. Trace clay. stained /discolored 10-11', no odor, moist. (15-20) Brown -Gray fine SAND, little F gravel, little silt, trace clay. (NO,NS, MOIST) (20-25) Brown-gray fine SAND, little M-F gravel, little silt, trace clay. NS,NO,moist (saturated 20-22.5) (25-30) Brown Gray Fine SAND, little M-F gravel, little silt, little clay. Shows clay properties (very saturated 27-30'), NS,NO. (30-39) Brown gray fine SAND, little M-F Gravel, little silt, little clay. Very moist, 30-33. NO, NS, moist BORING COMPLETED AT ± 39 FEET											
	42	1	0		RI-SB-8 (2.5-3)												
5				5													
	38	2	5		RI-SB-8 (7-7.5)												
10				10													
	60	3	10		RI-SB-8 (10.5-11)												
15				15													
	60	4	15		RI-SB-8 (17.5-18)												
20				20													
	60	5	20		RI-SB-8 (24-24.5)												
25				25													
	60	6	25		RI-SB-8 (26.5-27)												
30				30													
	60	7	30		RI-SB-8 (31.5-32)												
35				35													
	50	8	35		RI-SB-8 (38.5-39)												
40				39													

Nominal I.D. of Hole	in.
Nominal I.D. of Barrel Sampler	1 1/2 in

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Pp: Pocket Penetrometer; DP: Direct Push

Approximate Change in Strata: _____ Inferred Change in Strata: _____

Soil descriptions represent a field identification after D. M. Burmister unless otherwise noted.

FIGURE #

Page 1 of 1

Nominal I.D. of Hole	in.
Nominal I.D. of Barrel Sampler	1% in.

Pp: Pocket Penetrometer; DP: Direct Push

Soil descriptions represent a field identification after D. M. Burmister unless otherwise noted.

Nominal I.D. of Hole	in.
Nominal I.D. of Barrel Sampler	1% in.

Pp: Pocket Penetrometer; DP: Direct Push

Soil descriptions represent a field identification after D. M. Burmister unless otherwise noted.

				PROJECT NAME: 136-140 Croton Ave		GEOPROBE NO. RI-SB-11	
				LOCATION: Ossining, NY		JOB NO. 12060	
				METHOD: Direct Push		GROUND ELEVATION:	
GEOPROBE BY: Coastal (brandon)				DATE STARTED: 9/14/2023		GROUNDWATER TABLE DEPTH:	
INSPECTOR: Ronnie Reynoso				DATE COMPLETED: 9/14/2023		0 Hr.	24 Hr.
						Date	9/19/2023
DEPTH (ft)	RECOVERY (in)	SAMPLE TUBE No.	DEPTH		ENVIRONMENTAL SOIL SAMPLE NAME	SOIL DESCRIPTION AND STRATIFICATION	PID
			FROM (ft)	TO (ft)			
0							
	38	1	0		RI-SB-11 (0.5-1)	(0-0.5) Asphalt & Topsoil	
						(0.5-5) Brown, m-f SAND, Some m-f Gravel, trace silt & clay	
5				5			
	60	2	5			Brown fine SAND, Little m-f Gravel, trace silt & clay	
					RI-SB-11 (7-7.5)	NO, NS, Very Dry	
10				10			
	35	3	10		RI-SB-11 (10.5-11)	Brown fine SAND, Little m-f Gravel & silt, trace clay	
						NO, NS, Dry	
15				15			
	55	4	15			Brown fine SAND, some c-f Gravel, little silt, trace clay	
					RI-SB-11 (17-17.5)	NO, NS, Dry Compact	
20				20			
		5	20			Brown fine SAND, Little m-f Gravel & silt, trace clay	
						NO, NS, Dry Compact	
25				25	RI-SB-11 (23.5-24)		
						Refusal @ 24'	
30							
35							
40							

Nominal I.D. of Hole	in.
Nominal I.D. of Barrel Sampler	1 3/8 in.

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Pp: Pocket Penetrometer; DP: Direct Push

Approximate Change in Strata: _____ Inferred Change in Strata: _____

Soil descriptions represent a field identification after D. M. Burmister unless otherwise noted.

FIGURE #

Page 1 of 1

				PROJECT NAME: 136-140 Croton Ave		GEOPROBE NO. RI-SB-12	
				LOCATION: Ossining, NY		JOB NO. 12060	
				METHOD: Direct Push		GROUND ELEVATION:	
GEOPROBE BY: Coastal (brandon)				DATE STARTED: 9/14/2023		GROUNDWATER TABLE DEPTH:	
INSPECTOR: Ronnie Reynoso				DATE COMPLETED: 9/14/2023		0 Hr.	24 Hr.
						Date	9/19/2023
DEPTH (ft)	RECOVERY (in)	SAMPLE TUBE No.	DEPTH		ENVIRONMENTAL SOIL SAMPLE NAME	SOIL DESCRIPTION AND STRATIFICATION	PID
			FROM (ft)	TO (ft)			
0							
	60	1	0			(0-0.5) Asphalt; (0.5-1) Brown, m-f SAND, trace silt	N/A
						Brown fine SAND, Little m-f Gravel & Silt, trace clay	
					RI-SB-12 (2-2.5)		
5				5		NO, NS, Moist from Rain	
	60	2	5			(5-6.5) Brown, fine SAND, Little m-f Silt, trace clay	
						NO, NS, Moist from Rain	
					RI-SB-12 (8-8.5)		
10				10		Brown/Gray, fine SAND, Little m-f Gravel & Silt, trace clay	
		3	10			Dark Brown, m-f SAND, Little fine Gravel	
				13	RI-SB-12 (12.5-13)	Brown fine SAND, Little m-f Gravel & Silt, trace clay	
15				15		Refusal @ 13'	
20							
25							
30							
35							
40							

Nominal I.D. of Hole	in.
Nominal I.D. of Barrel Sampler	1 3/8 in

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Pp: Pocket Penetrometer; DP: Direct Push

Approximate Change in Strata: _____ Inferred Change in Strata: _____

Soil descriptions represent a field identification after D. M. Burmister unless otherwise noted.

FIGURE #

Page 1 of 1

Nominal I.D. of Hole	in.
Nominal I.D. of Barrel Sampler	1% in.

Pp: Pocket Penetrometer; DP: Direct Push

Soil descriptions represent a field identification after D. M. Burmister unless otherwise noted.

Nominal I.D. of Hole	in.
Nominal I.D. of Barrel Sampler	1% in.

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Approximate Change in Strata: _____ Inferred Change in Strata: _____

FIGURE #

				PROJECT NAME: 136-140 Croton Ave		GEOPROBE NO. RI-SB-15	
				LOCATION: Ossining, NY		JOB NO. 12060	
				METHOD: Direct Push		GROUND ELEVATION:	
GEOPROBE BY: Coastal (brandon)				DATE STARTED: 9/14/2023		GROUNDWATER TABLE DEPTH:	
INSPECTOR: Ronnie Reynoso				DATE COMPLETED: 9/14/2023		0 Hr.	24 Hr.
						Date	9/12/2023
DEPTH (ft)	RECOVERY (in)	SAMPLE TUBE No.	DEPTH		ENVIRONMENTAL SOIL SAMPLE NAME	SOIL DESCRIPTION AND STRATIFICATION	PID
			FROM (ft)	TO (ft)			
0							
	41	1	0			Dark Brown/Gray m-f SAND, Some m-f Gravel, trace silt & clay, NO, NS, Dry	0
						Brown fine SAND, Some c-f Gravel, Trace silt	0
							0
					RI-SB-15 (3.5-4)	NO, NS, Dry	0
5				5			0
	40	2	5			Dark Brown/Brown fine SAND, Little m-f Gravel, trace Silt	0
							0
					RI-SB-15 (7.5-8)	NO, NS, Dry	0
10				9			0
			9	10		Refusal @ 9'	
15							
20							
25							
30							
35							
40							

Nominal I.D. of Hole	in.
Nominal I.D. of Barrel Sampler	1 3/8 in.

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Pp: Pocket Penetrometer; DP: Direct Push

Approximate Change in Strata: _____ Inferred Change in Strata: _____

Soil descriptions represent a field identification after D. M. Burmister unless otherwise noted.

FIGURE #

Page 1 of 1

				PROJECT NAME: 136-140 Croton Ave		GEOPROBE NO. RI-SB-16	
				LOCATION: Ossining, NY		JOB NO. 12060	
				METHOD: Direct Push		GROUND ELEVATION:	
GEOPROBE BY: Coastal (brandon)				DATE STARTED: 9/14/2023		GROUNDWATER TABLE DEPTH:	
INSPECTOR: Ronnie Reynoso				DATE COMPLETED: 9/14/2023		0 Hr.	24 Hr.
						Date	9/13/2023
DEPTH (ft)	RECOVERY (in)	SAMPLE TUBE No.	DEPTH		ENVIRONMENTAL SOIL SAMPLE NAME	SOIL DESCRIPTION AND STRATIFICATION	PID
			FROM (ft)	TO (ft)			
0							
	48	1	0			(0-0.5) Asphalt	N/A
					RI-SB-16 (2-2.5)	(0.5-5) Light Brown/Gray fine SAND, Some c-f Gravel, Little Silt, trace clay NO, NS, Dry	
5				5			
	42	2	5			Gray fine SAND, Some c-f Gravel, Little Silt, trace clay NO, NS, Very Moist	
				7	RI-SB-16 (6.5-7)	Refusal @ 7'	
			7				
10							
15							
20							
25							
30							
35							
40							

Nominal I.D. of Hole	in.
Nominal I.D. of Barrel Sampler	1 3/8 in.

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Pp: Pocket Penetrometer; DP: Direct Push

Approximate Change in Strata: _____ Inferred Change in Strata: _____

Soil descriptions represent a field identification after D. M. Burmister unless otherwise noted.

FIGURE #

Page 1 of 1

				PROJECT NAME: 136-140 Croton Ave		GEOPROBE NO. RI-SB-17	
				LOCATION: Ossining, NY		JOB NO. 12060	
				METHOD: Direct Push		GROUND ELEVATION:	
GEOPROBE BY: Coastal (brandon)				DATE STARTED: 9/14/2023		GROUNDWATER TABLE DEPTH:	
INSPECTOR: Ronnie Reynoso				DATE COMPLETED: 9/14/2023		0 Hr.	24 Hr.
						Date	9/12/2023
DEPTH (ft)	RECOVERY (in)	SAMPLE TUBE No.	DEPTH		ENVIRONMENTAL SOIL SAMPLE NAME	SOIL DESCRIPTION AND STRATIFICATION	PID
			FROM (ft)	TO (ft)			
0							
	60	1	0			Light Brown/Brown fine SAND, Some m-f Gravel, Little Silt, trace clay NO, NS, Moisture from Rain	N/A
5				5	RI-SB-17 (4.5-5)		
			5			Refusal @ 5'	
10							
15							
20							
25							
30							
35							
40							

Nominal I.D. of Hole	in.
Nominal I.D. of Barrel Sampler	1 3/8 in.

The subsurface information shown hereon was obtained for the design and estimating purposes for our client. It is made available to authorized users only that they may have access to the same information available to our client. It is presented in good faith, but it is not intended as a substitute for investigations, interpretations or judgment of such authorized users. Information on the logs should not be relied upon without the geotechnical engineers recommendations contained in the report from which these logs were extracted.

Pp: Pocket Penetrometer; DP: Direct Push

Approximate Change in Strata: _____ Inferred Change in Strata: _____

Soil descriptions represent a field identification after D. M. Burmister unless otherwise noted.

FIGURE #

Page 1 of 1

Nominal I.D. of Hole	in.
Nominal I.D. of Barrel Sampler	1% in.

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Approximate Change in Strata: _____ Inferred Change in Strata: _____

FIGURE #

	PROJECT NAME:	Ossining, NY			MONITORING WELL NO.		MW-1			
	PROJECT LOCATION:	130-140 Croton Ave, Ossining, NY			JOB NO.		12060			
	METHOD:	Sonic Rig			GROUND ELEVATION:					
BORING BY: Coastal	DATE STARTED 09/29/23		DEVELOPMENT PERIOD		3 well volumes	INSIDE CASING DIAMETER (in)		2		
INSPECTOR: Ronnie Reynoso-Gomez	DATE COMPLETED 09/29/23		DEVELOPMENT METHOD		waler pump	BOREHOLE DIAMETER (in)		8		
NJ DEP PERMIT NO.:	DATE DEVELOPED 10/02/23		DEVELOPMENT RATE		# gpm	INITIAL WATER LEVEL (ft):		20.7		
WELL CONSTRUCTION		DEPTH (ft)	Sample	Blows on Spoon				REC (in)	SOIL DESCRIPTION AND STRATIFICATION	P.I.D.
		0		0/6	6/12	12/18	18/24			
Depth (feet below grade) Top of Stickup n/a Ground Surface 0 Top of Riser 0.2' Top of Seal 22 bentonite Top of Sand Pack 23 N/A Top of Screen 25 Bottom of Screen 40 Bottom of Boring 40		10							No cores were evaluated due to the drilling method used (sonic drilling).	0.5
Casing Type: Flushmount										
Well Cap: J-plug										
Grout Type: Portland Cement										
Well Key: No										
Riser Pipe: PVC										
Sand/Gravel										
Pack Size: #2 Sand										
ANSI 61										
Silica filtration media										
Screen Size: 0.01										
		20								
		30								
		40								
		50								
		60								
		70								
		80								

Approximate Change in Strata: _____ Inferred Change in Strata: _____

The subsurface information shown hereon was obtained for the design and estimating purposes for our client. It is made available to authorized users only that they may have access to the same information available to our client. It is presented in good faith, but it is not intended as a substitute for investigations, interpretations or judgment of such authorized users. Information on the logs should not be relied upon without the geotechnical engineers recommendations contained in the report from which these logs were extracted. Soil descriptions represent a field identification after D. M. Burmister unless otherwise noted.

	PROJECT NAME:	Ossining, NY			MONITORING WELL NO.		RI-MW-02			
	PROJECT LOCATION:	130-140 Croton Ave, Ossining, NY			JOB NO.		12060			
	METHOD:	Sonic Rig			GROUND ELEVATION:					
BORING BY: Coastal	DATE STARTED 09/28/23		DEVELOPMENT PERIOD	3 well volumes	INSIDE CASING DIAMETER (in)		2			
INSPECTOR: Ronnie Reynoso-Gomez	DATE COMPLETED 09/28/23		DEVELOPMENT METHOD	waler pump	BOREHOLE DIAMETER (in)		8			
NJ DEP PERMIT NO.:	DATE DEVELOPED 9/28/23		DEVELOPMENT RATE	# gpm	INITIAL WATER LEVEL (ft):		24.8			
WELL CONSTRUCTION		DEPTH (ft)	Sample	Blows on Spoon				REC	SOIL DESCRIPTION AND STRATIFICATION	P.I.D.
		0		0/6	6/12	12/18	18/24	(in)		
Depth (feet below grade) Top of Stickup n/a Ground Surface 0 Top of Riser 0.2' Top of Seal 22 N/A Top of Sand Pack 23 N/A Top of Screen 25 Bottom of Screen 40 Bottom of Boring 40		10							No cores were evaluated due to the drilling method used (sonic drilling).	0.6
Casing Type: Flushmount										
Well Cap: J-plug										
Grout Type: Portland Cement										
Well Key: No										
Riser Pipe: PVC										
Sand/Gravel										
Pack Size: #2 Sand										
ANSI 61										
Silica filtration media										
Screen Size: 0.01										
		40								
		50								
		60								
		70								
		80								

Approximate Change in Strata: _____ Inferred Change in Strata: _____

The subsurface information shown hereon was obtained for the design and estimating purposes for our client. It is made available to authorized users only that they may have access to the same information available to our client. It is presented in good faith, but it is not intended as a substitute for investigations, interpretations or judgment of such authorized users. Information on the logs should not be relied upon without the geotechnical engineers recommendations contained in the report from which these logs were extracted. Soil descriptions represent a field identification after D. M. Burmister unless otherwise noted.

	PROJECT NAME:	Ossining, NY				MONITORING WELL NO.		RI-MW-03		
	PROJECT LOCATION:	130-140 Croton Ave, Ossining, NY				JOB NO.		12060		
	METHOD:	Sonic Rig				GROUND ELEVATION:				
BORING BY: Coastal	DATE STARTED 09/28/23		DEVELOPMENT PERIOD		3 well volumes	INSIDE CASING DIAMETER (in)		2		
INSPECTOR: Ronnie Reynoso-Gomez	DATE COMPLETED 09/28/23		DEVELOPMENT METHOD		waler pump	BOREHOLE DIAMETER (in)		8		
NJ DEP PERMIT NO.:	DATE DEVELOPED 9/28/23		DEVELOPMENT RATE		# gpm	INITIAL WATER LEVEL (ft):		9.5		
WELL CONSTRUCTION		DEPTH (ft)	Sample	Blows on Spoon				REC	SOIL DESCRIPTION AND STRATIFICATION	P.I.D.
		0		0/6	6/12	12/18	18/24	(in)		
Depth (feet below grade) Top of Stickup 3' Ground Surface 0 Top of Riser 0.2' Top of Seal 22 bentonite Top of Sand Pack 23 N/A Top of Screen 25 Bottom of Screen 40 Bottom of Boring 40									No cores were evaluated due to the drilling method used (sonic drilling).	78.6
Casing Type: Stickup Well Cap: J-plug Grout Type: Portland Cement Well Key: No Riser Pipe: PVC Sand/Gravel Pack Size: #2 Sand ANSI 61 Silica filtration media Screen Size: 0.01		10								
		20								
		30								
		40								
		50								
		60								
		70								
		80								

Approximate Change in Strata: _____ Inferred Change in Strata: _____

The subsurface information shown hereon was obtained for the design and estimating purposes for our client. It is made available to authorized users only that they may have access to the same information available to our client. It is presented in good faith, but it is not intended as a substitute for investigations, interpretations or judgment of such authorized users. Information on the logs should not be relied upon without the geotechnical engineers recommendations contained in the report from which these logs were extracted. Soil descriptions represent a field identification after D. M. Burmister unless otherwise noted.

	PROJECT NAME:	Ossining, NY			MONITORING WELL NO.		RI-MW-04			
	PROJECT LOCATION:	130-140 Croton Ave, Ossining, NY			JOB NO.		12060			
	METHOD:	Sonic Rig			GROUND ELEVATION:					
BORING BY: Coastal	DATE STARTED 09/26/23		DEVELOPMENT PERIOD	3 well volumes	INSIDE CASING DIAMETER (in)		2			
INSPECTOR: Ronnie Reynoso-Gomez	DATE COMPLETED 09/26/23		DEVELOPMENT METHOD	waler pump	BOREHOLE DIAMETER (in)		8			
NJ DEP PERMIT NO.:	DATE DEVELOPED 9/27/23		DEVELOPMENT RATE	# gpm	INITIAL WATER LEVEL (ft):		29.4			
WELL CONSTRUCTION		DEPTH (ft)	Sample	Blows on Spoon				REC	SOIL DESCRIPTION AND STRATIFICATION	P.I.D.
		0		0/6	6/12	12/18	18/24	(in)		
Depth (feet below grade) Top of Stickup 3.1' Ground Surface 0 Top of Riser 0.3' Top of Seal 22 bentonite Top of Sand Pack 23 N/A Top of Screen 25 Bottom of Screen 40 Bottom of Boring 40									No cores were evaluated due to the drilling method (sonic drilling).	2000
Casing Type: stickup Well Cap: J-plug Grout Type: Portland Cement Well Key: No		10								
Riser Pipe: PVC Sand/Gravel Pack Size: #2 Sand ANSI 61 Silica filtration media Screen Size: 0.01		20								
		30								
		40								
		50								
		60								
		70								
		80								

Approximate Change in Strata: _____ Inferred Change in Strata: _____

The subsurface information shown hereon was obtained for the design and estimating purposes for our client. It is made available to authorized users only that they may have access to the same information available to our client. It is presented in good faith, but it is not intended as a substitute for investigations, interpretations or judgment of such authorized users. Information on the logs should not be relied upon without the geotechnical engineers recommendations contained in the report from which these logs were extracted. Soil descriptions represent a field identification after D. M. Burmister unless otherwise noted.

	PROJECT NAME:	Ossining, NY			MONITORING WELL NO.		RI-MW-05			
	PROJECT LOCATION:	130-140 Croton Ave, Ossining, NY			JOB NO.		12060			
	METHOD:	Sonic Rig			GROUND ELEVATION:					
BORING BY: Coastal	DATE STARTED 09/27/23		DEVELOPMENT PERIOD	3 well volumes	INSIDE CASING DIAMETER (in)		2			
INSPECTOR: Ronnie Reynoso-Gomez	DATE COMPLETED 09/27/23		DEVELOPMENT METHOD	waler pump	BOREHOLE DIAMETER (in)		8			
NJ DEP PERMIT NO.:	DATE DEVELOPED 9/27/23		DEVELOPMENT RATE	# gpm	INITIAL WATER LEVEL (ft):		17.8			
WELL CONSTRUCTION		DEPTH (ft)	Sample	Blows on Spoon				REC (in)	SOIL DESCRIPTION AND STRATIFICATION	P.I.D.
				0/6	6/12	12/18	18/24			
Depth (feet below grade) Top of Stickup 2.4' 0 Ground Surface Top of Riser 0.3' 10 Well Cap: J-plug Top of Seal 27 bentonite Grout Type: Portland Cement Top of Sand Pack 28 Well Key: No N/A 20 Riser Pipe: PVC Sand/Gravel: Top of Screen 30 Pack Size: #2 Sand ANSI 61 Silica filtration media Screen Size: 0.01 40 Bottom of Screen 45 Bottom of Boring 45 50 60 70 80									No cores were evaluated due to the drilling method (sonic drilling).	0.1

Approximate Change in Strata: _____ Inferred Change in Strata: _____

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	PROJECT NAME:	Ossining, NY				MONITORING WELL NO.		RI-MW-06		
	PROJECT LOCATION:	130-140 Croton Ave, Ossining, NY				JOB NO.		12060		
	METHOD:	Sonic Rig				GROUND ELEVATION:				
BORING BY: Coastal	DATE STARTED 09/27/23		DEVELOPMENT PERIOD		3 well volumes	INSIDE CASING DIAMETER (in)		2		
INSPECTOR: Ronnie Reynoso-Gomez	DATE COMPLETED 09/28/23		DEVELOPMENT METHOD		waler pump	BOREHOLE DIAMETER (in)		8		
NJ DEP PERMIT NO.:	DATE DEVELOPED 9/28/23		DEVELOPMENT RATE		# gpm	INITIAL WATER LEVEL (ft):		7.4		
WELL CONSTRUCTION		DEPTH (ft)	Sample	Blows on Spoon				REC	SOIL DESCRIPTION AND STRATIFICATION	P.I.D.
		0		0/6	6/12	12/18	18/24	(in)		
Depth (feet below grade) Top of Stickup n/a Ground Surface 0 Top of Riser 0.2' Top of Seal 22 bentonite Top of Sand Pack 23 N/A Top of Screen 25 Bottom of Screen 40 Bottom of Boring 40		10							No cores were evaluated due to the drilling method (sonic drilling).	0.6
Casing Type: Flushmount										
Well Cap: J-plug										
Grout Type: Portland Cement										
Well Key: No										
Riser Pipe: PVC										
Sand/Gravel										
Pack Size: #2 Sand										
ANSI 61										
Silica filtration media										
Screen Size: 0.01										
		20								
		30								
		40								
		50								
		60								
		70								
		80								

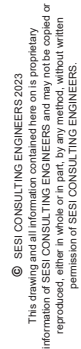
Approximate Change in Strata: _____ Inferred Change in Strata: _____

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Appendix E:

Waste Classification Sampling Data





ANALYTICAL REPORT

Lab Number:	L2353060
Client:	Soils Engineering Services, Inc. 959 Route 46E Parsippany, NJ 07054
ATTN:	James Vander Vliet
Phone:	(973) 808-9050
Project Name:	SUN VALLEY
Project Number:	12060 / PHASE 8
Report Date:	09/19/23

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Certifications & Approvals: MA (M-MA086), NH NELAP (2064), CT (PH-0826), IL (200077), IN (C-MA-03), KY (KY98045), ME (MA00086), MD (348), NJ (MA935), NY (11148), NC (25700/666), OH (CL108), OR (MA-1316), PA (68-03671), RI (LAO00065), TX (T104704476), VT (VT-0935), VA (460195), USDA (Permit #525-23-122-91930).

Eight Walkup Drive, Westborough, MA 01581-1019
508-898-9220 (Fax) 508-898-9193 800-624-9220 - www.alphalab.com



Project Name: SUN VALLEY
Project Number: 12060 / PHASE 8

Lab Number: L2353060
Report Date: 09/19/23

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L2353060-01	COMP_A3(0-7)	SOIL	OSSINING NY	09/12/23 11:15	09/12/23
L2353060-02	GRAB_A3(2-2.5)	SOIL	OSSINING NY	09/12/23 11:15	09/12/23
L2353060-03	COMP_A3(7-14)	SOIL	OSSINING NY	09/12/23 11:30	09/12/23
L2353060-04	GRAB_A3(7-7.5)	SOIL	OSSINING NY	09/12/23 11:30	09/12/23
L2353060-05	COMP_A3(14-25)	SOIL	OSSINING NY	09/12/23 11:45	09/12/23
L2353060-06	GRAB_A3(14.5-15)	SOIL	OSSINING NY	09/12/23 11:45	09/12/23
L2353060-07	COMP_B3(0-7)	SOIL	OSSINING NY	09/12/23 12:45	09/12/23
L2353060-08	GRAB_B3(14.5-15)	SOIL	OSSINING NY	09/12/23 13:15	09/12/23
L2353060-09	COMP_C3(0-9)	SOIL	OSSINING NY	09/12/23 14:45	09/12/23
L2353060-10	GRAB_C3(2-2.5)	SOIL	OSSINING NY	09/12/23 14:45	09/12/23
L2353060-11	COMP_B3(7-15)	SOIL	OSSINING NY	09/12/23 13:15	09/12/23
L2353060-12	GRAB_B3(4.5-5)	SOIL	OSSINING NY	09/12/23 12:45	09/12/23

Project Name: SUN VALLEY
Project Number: 12060 / PHASE 8

Lab Number: L2353060
Report Date: 09/19/23

Case Narrative

The samples were received in accordance with the Chain of Custody and no significant deviations were encountered during the preparation or analysis unless otherwise noted. Sample Receipt, Container Information, and the Chain of Custody are located at the back of the report.

Results contained within this report relate only to the samples submitted under this Alpha Lab Number and meet NELAP requirements for all NELAP accredited parameters unless otherwise noted in the following narrative. The data presented in this report is organized by parameter (i.e. VOC, SVOC, etc.). Sample specific Quality Control data (i.e. Surrogate Spike Recovery) is reported at the end of the target analyte list for each individual sample, followed by the Laboratory Batch Quality Control at the end of each parameter. Tentatively Identified Compounds (TICs), if requested, are reported for compounds identified to be present and are not part of the method/program Target Compound List, even if only a subset of the TCL are being reported. If a sample was re-analyzed or re-extracted due to a required quality control corrective action and if both sets of data are reported, the Laboratory ID of the re-analysis or re-extraction is designated with an "R" or "RE", respectively.

When multiple Batch Quality Control elements are reported (e.g. more than one LCS), the associated samples for each element are noted in the grey shaded header line of each data table. Any Laboratory Batch, Sample Specific % recovery or RPD value that is outside the listed Acceptance Criteria is bolded in the report. In reference to questions H (CAM) or 4 (RCP) when "NO" is checked, the performance criteria for CAM and RCP methods allow for some quality control failures to occur and still be within method compliance. In these instances, the specific failure is not narrated but noted in the associated QC Outlier Summary Report, located directly after the Case Narrative. QC information is also incorporated in the Data Usability Assessment table (Format 11) of our Data Merger tool, where it can be reviewed in conjunction with the sample result, associated regulatory criteria and any associated data usability implications.

Soil/sediments, solids and tissues are reported on a dry weight basis unless otherwise noted. Definitions of all data qualifiers and acronyms used in this report are provided in the Glossary located at the back of the report.

HOLD POLICY - For samples submitted on hold, Alpha's policy is to hold samples (with the exception of Air canisters) free of charge for 21 calendar days from the date the project is completed. After 21 calendar days, we will dispose of all samples submitted including those put on hold unless you have contacted your Alpha Project Manager and made arrangements for Alpha to continue to hold the samples. Air canisters will be disposed after 3 business days from the date the project is completed.

Please contact Project Management at 800-624-9220 with any questions.

Project Name: SUN VALLEY
Project Number: 12060 / PHASE 8

Lab Number: L2353060
Report Date: 09/19/23

Case Narrative (continued)

Report Submission

All non-detect (ND) or estimated concentrations (J-qualified) have been quantitated to the limit noted in the MDL column.

Sample Receipt

The analyses performed were specified by the client.

L2353060-02, -04, -06, -08, -10, and -12: The grab samples submitted for Volatile Organics were received without raw soil for the Total Solids analysis. At the client's request, the Total Solids results from the corresponding composite samples were utilized in the dry weight calculation of the Volatile Organics data.

Total Metals

L2353060-01, -03, -05, -07, -09, and -11: The sample has elevated detection limits for all elements, with the exception of mercury, due to the dilution required by the sample matrix.

Cyanide, Total

The WG1827242-2/-3 LCS/LCSD recoveries for cyanide, total (121%/122%), associated with L2353060-01, -03, -05, -07, -09, and -11, are outside our in-house acceptance criteria, but within the vendor-certified acceptance limits. The results of the original analyses are reported.

Hexavalent Chromium

The WG1827551-2 LCS recovery for chromium, hexavalent (56%), associated with L2353060-01, -03, -05, -07, -09, and -11, is outside our in-house acceptance criteria, but within the vendor-certified acceptance limits. The results of the original analyses are reported.

I, the undersigned, attest under the pains and penalties of perjury that, to the best of my knowledge and belief and based upon my personal inquiry of those responsible for providing the information contained in this analytical report, such information is accurate and complete. This certificate of analysis is not complete unless this page accompanies any and all pages of this report.

Authorized Signature:



Kelly O'Neill

Title: Technical Director/Representative

Date: 09/19/23

ORGANICS

VOLATILES

Project Name: SUN VALLEY
Project Number: 12060 / PHASE 8

Lab Number: L2353060
Report Date: 09/19/23

SAMPLE RESULTS

Lab ID: L2353060-02
Client ID: GRAB_A3(2-2.5)
Sample Location: OSSINING NY

Date Collected: 09/12/23 11:15
Date Received: 09/12/23
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 09/14/23 15:48
Analyst: LAC
Percent Solids: 92%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	4.4	2.0	1
1,1-Dichloroethane	ND		ug/kg	0.87	0.13	1
Chloroform	ND		ug/kg	1.3	0.12	1
Carbon tetrachloride	ND		ug/kg	0.87	0.20	1
1,2-Dichloropropane	ND		ug/kg	0.87	0.11	1
Dibromochloromethane	ND		ug/kg	0.87	0.12	1
1,1,2-Trichloroethane	ND		ug/kg	0.87	0.23	1
Tetrachloroethene	ND		ug/kg	0.44	0.17	1
Chlorobenzene	ND		ug/kg	0.44	0.11	1
Trichlorofluoromethane	ND		ug/kg	3.5	0.61	1
1,2-Dichloroethane	ND		ug/kg	0.87	0.22	1
1,1,1-Trichloroethane	ND		ug/kg	0.44	0.14	1
Bromodichloromethane	ND		ug/kg	0.44	0.10	1
trans-1,3-Dichloropropene	ND		ug/kg	0.87	0.24	1
cis-1,3-Dichloropropene	ND		ug/kg	0.44	0.14	1
1,3-Dichloropropene, Total	ND		ug/kg	0.44	0.14	1
1,1-Dichloropropene	ND		ug/kg	0.44	0.14	1
Bromoform	ND		ug/kg	3.5	0.21	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.44	0.14	1
Benzene	ND		ug/kg	0.44	0.14	1
Toluene	ND		ug/kg	0.87	0.47	1
Ethylbenzene	ND		ug/kg	0.87	0.12	1
Chloromethane	ND		ug/kg	3.5	0.81	1
Bromomethane	ND		ug/kg	1.7	0.51	1
Vinyl chloride	ND		ug/kg	0.87	0.29	1
Chloroethane	ND		ug/kg	1.7	0.39	1
1,1-Dichloroethene	ND		ug/kg	0.87	0.21	1
trans-1,2-Dichloroethene	ND		ug/kg	1.3	0.12	1

Project Name: SUN VALLEY
Project Number: 12060 / PHASE 8

Lab Number: L2353060
Report Date: 09/19/23

SAMPLE RESULTS

Lab ID: L2353060-02
Client ID: GRAB_A3(2-2.5)
Sample Location: OSSINING NY

Date Collected: 09/12/23 11:15
Date Received: 09/12/23
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Trichloroethene	ND		ug/kg	0.44	0.12	1
1,2-Dichlorobenzene	ND		ug/kg	1.7	0.12	1
1,3-Dichlorobenzene	ND		ug/kg	1.7	0.13	1
1,4-Dichlorobenzene	ND		ug/kg	1.7	0.15	1
Methyl tert butyl ether	ND		ug/kg	1.7	0.18	1
p/m-Xylene	ND		ug/kg	1.7	0.49	1
o-Xylene	ND		ug/kg	0.87	0.25	1
Xylenes, Total	ND		ug/kg	0.87	0.25	1
cis-1,2-Dichloroethene	ND		ug/kg	0.87	0.15	1
1,2-Dichloroethene, Total	ND		ug/kg	0.87	0.12	1
Dibromomethane	ND		ug/kg	1.7	0.21	1
Styrene	ND		ug/kg	0.87	0.17	1
Dichlorodifluoromethane	ND		ug/kg	8.7	0.80	1
Acetone	ND		ug/kg	8.7	4.2	1
Carbon disulfide	ND		ug/kg	8.7	4.0	1
2-Butanone	ND		ug/kg	8.7	1.9	1
Vinyl acetate	ND		ug/kg	8.7	1.9	1
4-Methyl-2-pentanone	ND		ug/kg	8.7	1.1	1
1,2,3-Trichloropropane	ND		ug/kg	1.7	0.11	1
2-Hexanone	ND		ug/kg	8.7	1.0	1
Bromochloromethane	ND		ug/kg	1.7	0.18	1
2,2-Dichloropropane	ND		ug/kg	1.7	0.18	1
1,2-Dibromoethane	ND		ug/kg	0.87	0.24	1
1,3-Dichloropropane	ND		ug/kg	1.7	0.14	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.44	0.12	1
Bromobenzene	ND		ug/kg	1.7	0.13	1
n-Butylbenzene	ND		ug/kg	0.87	0.14	1
sec-Butylbenzene	ND		ug/kg	0.87	0.13	1
tert-Butylbenzene	ND		ug/kg	1.7	0.10	1
o-Chlorotoluene	ND		ug/kg	1.7	0.17	1
p-Chlorotoluene	ND		ug/kg	1.7	0.09	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	2.6	0.87	1
Hexachlorobutadiene	ND		ug/kg	3.5	0.15	1
Isopropylbenzene	ND		ug/kg	0.87	0.10	1
p-Isopropyltoluene	ND		ug/kg	0.87	0.10	1
Naphthalene	ND		ug/kg	3.5	0.57	1
Acrylonitrile	ND		ug/kg	3.5	1.0	1

Project Name: SUN VALLEY
Project Number: 12060 / PHASE 8

Lab Number: L2353060
Report Date: 09/19/23

SAMPLE RESULTS

Lab ID: L2353060-02
Client ID: GRAB_A3(2-2.5)
Sample Location: OSSINING NY

Date Collected: 09/12/23 11:15
Date Received: 09/12/23
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
n-Propylbenzene	ND		ug/kg	0.87	0.15	1
1,2,3-Trichlorobenzene	ND		ug/kg	1.7	0.28	1
1,2,4-Trichlorobenzene	ND		ug/kg	1.7	0.24	1
1,3,5-Trimethylbenzene	ND		ug/kg	1.7	0.17	1
1,2,4-Trimethylbenzene	ND		ug/kg	1.7	0.29	1
1,4-Dioxane	ND		ug/kg	70	31.	1
p-Diethylbenzene	ND		ug/kg	1.7	0.15	1
p-Ethyltoluene	ND		ug/kg	1.7	0.33	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	1.7	0.17	1
Ethyl ether	ND		ug/kg	1.7	0.30	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	4.4	1.2	1

Tentatively Identified Compounds

No Tentatively Identified Compounds ND ug/kg 1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	120		70-130
Toluene-d8	95		70-130
4-Bromofluorobenzene	88		70-130
Dibromofluoromethane	117		70-130

Project Name: SUN VALLEY
Project Number: 12060 / PHASE 8

Lab Number: L2353060
Report Date: 09/19/23

SAMPLE RESULTS

Lab ID: L2353060-04
Client ID: GRAB_A3(7-7.5)
Sample Location: OSSINING NY

Date Collected: 09/12/23 11:30
Date Received: 09/12/23
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 09/14/23 16:14
Analyst: LAC
Percent Solids: 95%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	4.6	2.1	1
1,1-Dichloroethane	ND		ug/kg	0.91	0.13	1
Chloroform	ND		ug/kg	1.4	0.13	1
Carbon tetrachloride	ND		ug/kg	0.91	0.21	1
1,2-Dichloropropane	ND		ug/kg	0.91	0.11	1
Dibromochloromethane	ND		ug/kg	0.91	0.13	1
1,1,2-Trichloroethane	ND		ug/kg	0.91	0.24	1
Tetrachloroethene	ND		ug/kg	0.46	0.18	1
Chlorobenzene	ND		ug/kg	0.46	0.12	1
Trichlorofluoromethane	ND		ug/kg	3.6	0.63	1
1,2-Dichloroethane	ND		ug/kg	0.91	0.23	1
1,1,1-Trichloroethane	ND		ug/kg	0.46	0.15	1
Bromodichloromethane	ND		ug/kg	0.46	0.10	1
trans-1,3-Dichloropropene	ND		ug/kg	0.91	0.25	1
cis-1,3-Dichloropropene	ND		ug/kg	0.46	0.14	1
1,3-Dichloropropene, Total	ND		ug/kg	0.46	0.14	1
1,1-Dichloropropene	ND		ug/kg	0.46	0.14	1
Bromoform	ND		ug/kg	3.6	0.22	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.46	0.15	1
Benzene	ND		ug/kg	0.46	0.15	1
Toluene	ND		ug/kg	0.91	0.50	1
Ethylbenzene	ND		ug/kg	0.91	0.13	1
Chloromethane	ND		ug/kg	3.6	0.85	1
Bromomethane	ND		ug/kg	1.8	0.53	1
Vinyl chloride	ND		ug/kg	0.91	0.30	1
Chloroethane	ND		ug/kg	1.8	0.41	1
1,1-Dichloroethene	ND		ug/kg	0.91	0.22	1
trans-1,2-Dichloroethene	ND		ug/kg	1.4	0.12	1

Project Name: SUN VALLEY
Project Number: 12060 / PHASE 8

Lab Number: L2353060
Report Date: 09/19/23

SAMPLE RESULTS

Lab ID: L2353060-04
Client ID: GRAB_A3(7-7.5)
Sample Location: OSSINING NY

Date Collected: 09/12/23 11:30
Date Received: 09/12/23
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Trichloroethene	ND		ug/kg	0.46	0.12	1
1,2-Dichlorobenzene	ND		ug/kg	1.8	0.13	1
1,3-Dichlorobenzene	ND		ug/kg	1.8	0.14	1
1,4-Dichlorobenzene	ND		ug/kg	1.8	0.16	1
Methyl tert butyl ether	ND		ug/kg	1.8	0.18	1
p/m-Xylene	ND		ug/kg	1.8	0.51	1
o-Xylene	ND		ug/kg	0.91	0.26	1
Xylenes, Total	ND		ug/kg	0.91	0.26	1
cis-1,2-Dichloroethene	ND		ug/kg	0.91	0.16	1
1,2-Dichloroethene, Total	ND		ug/kg	0.91	0.12	1
Dibromomethane	ND		ug/kg	1.8	0.22	1
Styrene	ND		ug/kg	0.91	0.18	1
Dichlorodifluoromethane	ND		ug/kg	9.1	0.84	1
Acetone	7.7	J	ug/kg	9.1	4.4	1
Carbon disulfide	ND		ug/kg	9.1	4.2	1
2-Butanone	ND		ug/kg	9.1	2.0	1
Vinyl acetate	ND		ug/kg	9.1	2.0	1
4-Methyl-2-pentanone	ND		ug/kg	9.1	1.2	1
1,2,3-Trichloropropane	ND		ug/kg	1.8	0.12	1
2-Hexanone	ND		ug/kg	9.1	1.1	1
Bromochloromethane	ND		ug/kg	1.8	0.19	1
2,2-Dichloropropane	ND		ug/kg	1.8	0.18	1
1,2-Dibromoethane	ND		ug/kg	0.91	0.25	1
1,3-Dichloropropane	ND		ug/kg	1.8	0.15	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.46	0.12	1
Bromobenzene	ND		ug/kg	1.8	0.13	1
n-Butylbenzene	ND		ug/kg	0.91	0.15	1
sec-Butylbenzene	ND		ug/kg	0.91	0.13	1
tert-Butylbenzene	ND		ug/kg	1.8	0.11	1
o-Chlorotoluene	ND		ug/kg	1.8	0.17	1
p-Chlorotoluene	ND		ug/kg	1.8	0.10	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	2.7	0.91	1
Hexachlorobutadiene	ND		ug/kg	3.6	0.15	1
Isopropylbenzene	ND		ug/kg	0.91	0.10	1
p-Isopropyltoluene	ND		ug/kg	0.91	0.10	1
Naphthalene	ND		ug/kg	3.6	0.59	1
Acrylonitrile	ND		ug/kg	3.6	1.0	1

Project Name: SUN VALLEY
Project Number: 12060 / PHASE 8

Lab Number: L2353060
Report Date: 09/19/23

SAMPLE RESULTS

Lab ID: L2353060-04
Client ID: GRAB_A3(7-7.5)
Sample Location: OSSINING NY

Date Collected: 09/12/23 11:30
Date Received: 09/12/23
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
n-Propylbenzene	ND		ug/kg	0.91	0.16	1
1,2,3-Trichlorobenzene	ND		ug/kg	1.8	0.29	1
1,2,4-Trichlorobenzene	ND		ug/kg	1.8	0.25	1
1,3,5-Trimethylbenzene	ND		ug/kg	1.8	0.18	1
1,2,4-Trimethylbenzene	ND		ug/kg	1.8	0.30	1
1,4-Dioxane	ND		ug/kg	73	32.	1
p-Diethylbenzene	ND		ug/kg	1.8	0.16	1
p-Ethyltoluene	ND		ug/kg	1.8	0.35	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	1.8	0.17	1
Ethyl ether	ND		ug/kg	1.8	0.31	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	4.6	1.3	1

Tentatively Identified Compounds

No Tentatively Identified Compounds ND ug/kg 1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	119		70-130
Toluene-d8	95		70-130
4-Bromofluorobenzene	86		70-130
Dibromofluoromethane	116		70-130

Project Name: SUN VALLEY
Project Number: 12060 / PHASE 8

Lab Number: L2353060
Report Date: 09/19/23

SAMPLE RESULTS

Lab ID: L2353060-06
Client ID: GRAB_A3(14.5-15)
Sample Location: OSSINING NY

Date Collected: 09/12/23 11:45
Date Received: 09/12/23
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 09/14/23 16:41
Analyst: LAC
Percent Solids: 78%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	5.7	2.6	1
1,1-Dichloroethane	ND		ug/kg	1.1	0.16	1
Chloroform	ND		ug/kg	1.7	0.16	1
Carbon tetrachloride	ND		ug/kg	1.1	0.26	1
1,2-Dichloropropane	ND		ug/kg	1.1	0.14	1
Dibromochloromethane	ND		ug/kg	1.1	0.16	1
1,1,2-Trichloroethane	ND		ug/kg	1.1	0.30	1
Tetrachloroethene	ND		ug/kg	0.57	0.22	1
Chlorobenzene	ND		ug/kg	0.57	0.14	1
Trichlorofluoromethane	ND		ug/kg	4.5	0.79	1
1,2-Dichloroethane	ND		ug/kg	1.1	0.29	1
1,1,1-Trichloroethane	ND		ug/kg	0.57	0.19	1
Bromodichloromethane	ND		ug/kg	0.57	0.12	1
trans-1,3-Dichloropropene	ND		ug/kg	1.1	0.31	1
cis-1,3-Dichloropropene	ND		ug/kg	0.57	0.18	1
1,3-Dichloropropene, Total	ND		ug/kg	0.57	0.18	1
1,1-Dichloropropene	ND		ug/kg	0.57	0.18	1
Bromoform	ND		ug/kg	4.5	0.28	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.57	0.19	1
Benzene	ND		ug/kg	0.57	0.19	1
Toluene	ND		ug/kg	1.1	0.62	1
Ethylbenzene	ND		ug/kg	1.1	0.16	1
Chloromethane	ND		ug/kg	4.5	1.0	1
Bromomethane	ND		ug/kg	2.3	0.66	1
Vinyl chloride	ND		ug/kg	1.1	0.38	1
Chloroethane	ND		ug/kg	2.3	0.51	1
1,1-Dichloroethene	ND		ug/kg	1.1	0.27	1
trans-1,2-Dichloroethene	ND		ug/kg	1.7	0.16	1

Project Name: SUN VALLEY
Project Number: 12060 / PHASE 8

Lab Number: L2353060
Report Date: 09/19/23

SAMPLE RESULTS

Lab ID: L2353060-06
Client ID: GRAB_A3(14.5-15)
Sample Location: OSSINING NY

Date Collected: 09/12/23 11:45
Date Received: 09/12/23
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Trichloroethene	ND		ug/kg	0.57	0.16	1
1,2-Dichlorobenzene	ND		ug/kg	2.3	0.16	1
1,3-Dichlorobenzene	ND		ug/kg	2.3	0.17	1
1,4-Dichlorobenzene	ND		ug/kg	2.3	0.19	1
Methyl tert butyl ether	ND		ug/kg	2.3	0.23	1
p/m-Xylene	ND		ug/kg	2.3	0.63	1
o-Xylene	ND		ug/kg	1.1	0.33	1
Xylenes, Total	ND		ug/kg	1.1	0.33	1
cis-1,2-Dichloroethene	ND		ug/kg	1.1	0.20	1
1,2-Dichloroethene, Total	ND		ug/kg	1.1	0.16	1
Dibromomethane	ND		ug/kg	2.3	0.27	1
Styrene	ND		ug/kg	1.1	0.22	1
Dichlorodifluoromethane	ND		ug/kg	11	1.0	1
Acetone	5.6	J	ug/kg	11	5.4	1
Carbon disulfide	ND		ug/kg	11	5.2	1
2-Butanone	ND		ug/kg	11	2.5	1
Vinyl acetate	ND		ug/kg	11	2.4	1
4-Methyl-2-pentanone	ND		ug/kg	11	1.4	1
1,2,3-Trichloropropane	ND		ug/kg	2.3	0.14	1
2-Hexanone	ND		ug/kg	11	1.3	1
Bromochloromethane	ND		ug/kg	2.3	0.23	1
2,2-Dichloropropane	ND		ug/kg	2.3	0.23	1
1,2-Dibromoethane	ND		ug/kg	1.1	0.32	1
1,3-Dichloropropane	ND		ug/kg	2.3	0.19	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.57	0.15	1
Bromobenzene	ND		ug/kg	2.3	0.16	1
n-Butylbenzene	ND		ug/kg	1.1	0.19	1
sec-Butylbenzene	ND		ug/kg	1.1	0.16	1
tert-Butylbenzene	ND		ug/kg	2.3	0.13	1
o-Chlorotoluene	ND		ug/kg	2.3	0.22	1
p-Chlorotoluene	ND		ug/kg	2.3	0.12	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.4	1.1	1
Hexachlorobutadiene	ND		ug/kg	4.5	0.19	1
Isopropylbenzene	ND		ug/kg	1.1	0.12	1
p-Isopropyltoluene	ND		ug/kg	1.1	0.12	1
Naphthalene	ND		ug/kg	4.5	0.74	1
Acrylonitrile	ND		ug/kg	4.5	1.3	1

Project Name: SUN VALLEY
Project Number: 12060 / PHASE 8

Lab Number: L2353060
Report Date: 09/19/23

SAMPLE RESULTS

Lab ID: L2353060-06
Client ID: GRAB_A3(14.5-15)
Sample Location: OSSINING NY

Date Collected: 09/12/23 11:45
Date Received: 09/12/23
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
n-Propylbenzene	ND		ug/kg	1.1	0.19	1
1,2,3-Trichlorobenzene	ND		ug/kg	2.3	0.36	1
1,2,4-Trichlorobenzene	ND		ug/kg	2.3	0.31	1
1,3,5-Trimethylbenzene	ND		ug/kg	2.3	0.22	1
1,2,4-Trimethylbenzene	ND		ug/kg	2.3	0.38	1
1,4-Dioxane	ND		ug/kg	91	40.	1
p-Diethylbenzene	ND		ug/kg	2.3	0.20	1
p-Ethyltoluene	ND		ug/kg	2.3	0.44	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	2.3	0.22	1
Ethyl ether	ND		ug/kg	2.3	0.39	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	5.7	1.6	1

Tentatively Identified Compounds

No Tentatively Identified Compounds ND ug/kg 1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	121		70-130
Toluene-d8	95		70-130
4-Bromofluorobenzene	86		70-130
Dibromofluoromethane	115		70-130

Project Name: SUN VALLEY
Project Number: 12060 / PHASE 8

Lab Number: L2353060
Report Date: 09/19/23

SAMPLE RESULTS

Lab ID: L2353060-08
Client ID: GRAB_B3(14.5-15)
Sample Location: OSSINING NY

Date Collected: 09/12/23 13:15
Date Received: 09/12/23
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 09/14/23 17:07
Analyst: LAC
Percent Solids: 93%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	5.0	2.3	1
1,1-Dichloroethane	ND		ug/kg	1.0	0.14	1
Chloroform	ND		ug/kg	1.5	0.14	1
Carbon tetrachloride	ND		ug/kg	1.0	0.23	1
1,2-Dichloropropane	ND		ug/kg	1.0	0.12	1
Dibromochloromethane	ND		ug/kg	1.0	0.14	1
1,1,2-Trichloroethane	ND		ug/kg	1.0	0.27	1
Tetrachloroethene	ND		ug/kg	0.50	0.20	1
Chlorobenzene	ND		ug/kg	0.50	0.13	1
Trichlorofluoromethane	ND		ug/kg	4.0	0.70	1
1,2-Dichloroethane	ND		ug/kg	1.0	0.26	1
1,1,1-Trichloroethane	ND		ug/kg	0.50	0.17	1
Bromodichloromethane	ND		ug/kg	0.50	0.11	1
trans-1,3-Dichloropropene	ND		ug/kg	1.0	0.27	1
cis-1,3-Dichloropropene	ND		ug/kg	0.50	0.16	1
1,3-Dichloropropene, Total	ND		ug/kg	0.50	0.16	1
1,1-Dichloropropene	ND		ug/kg	0.50	0.16	1
Bromoform	ND		ug/kg	4.0	0.25	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.50	0.17	1
Benzene	ND		ug/kg	0.50	0.17	1
Toluene	ND		ug/kg	1.0	0.54	1
Ethylbenzene	ND		ug/kg	1.0	0.14	1
Chloromethane	ND		ug/kg	4.0	0.94	1
Bromomethane	ND		ug/kg	2.0	0.58	1
Vinyl chloride	ND		ug/kg	1.0	0.34	1
Chloroethane	ND		ug/kg	2.0	0.45	1
1,1-Dichloroethene	ND		ug/kg	1.0	0.24	1
trans-1,2-Dichloroethene	ND		ug/kg	1.5	0.14	1

Project Name: SUN VALLEY
Project Number: 12060 / PHASE 8

Lab Number: L2353060
Report Date: 09/19/23

SAMPLE RESULTS

Lab ID: L2353060-08
Client ID: GRAB_B3(14.5-15)
Sample Location: OSSINING NY

Date Collected: 09/12/23 13:15
Date Received: 09/12/23
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Trichloroethene	ND		ug/kg	0.50	0.14	1
1,2-Dichlorobenzene	ND		ug/kg	2.0	0.14	1
1,3-Dichlorobenzene	ND		ug/kg	2.0	0.15	1
1,4-Dichlorobenzene	ND		ug/kg	2.0	0.17	1
Methyl tert butyl ether	ND		ug/kg	2.0	0.20	1
p/m-Xylene	ND		ug/kg	2.0	0.56	1
o-Xylene	ND		ug/kg	1.0	0.29	1
Xylenes, Total	ND		ug/kg	1.0	0.29	1
cis-1,2-Dichloroethene	ND		ug/kg	1.0	0.18	1
1,2-Dichloroethene, Total	ND		ug/kg	1.0	0.14	1
Dibromomethane	ND		ug/kg	2.0	0.24	1
Styrene	ND		ug/kg	1.0	0.20	1
Dichlorodifluoromethane	ND		ug/kg	10	0.92	1
Acetone	18		ug/kg	10	4.8	1
Carbon disulfide	ND		ug/kg	10	4.6	1
2-Butanone	3.5	J	ug/kg	10	2.2	1
Vinyl acetate	ND		ug/kg	10	2.2	1
4-Methyl-2-pentanone	ND		ug/kg	10	1.3	1
1,2,3-Trichloropropane	ND		ug/kg	2.0	0.13	1
2-Hexanone	ND		ug/kg	10	1.2	1
Bromochloromethane	ND		ug/kg	2.0	0.20	1
2,2-Dichloropropane	ND		ug/kg	2.0	0.20	1
1,2-Dibromoethane	ND		ug/kg	1.0	0.28	1
1,3-Dichloropropane	ND		ug/kg	2.0	0.17	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.50	0.13	1
Bromobenzene	ND		ug/kg	2.0	0.14	1
n-Butylbenzene	ND		ug/kg	1.0	0.17	1
sec-Butylbenzene	ND		ug/kg	1.0	0.15	1
tert-Butylbenzene	ND		ug/kg	2.0	0.12	1
o-Chlorotoluene	ND		ug/kg	2.0	0.19	1
p-Chlorotoluene	ND		ug/kg	2.0	0.11	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.0	1.0	1
Hexachlorobutadiene	ND		ug/kg	4.0	0.17	1
Isopropylbenzene	ND		ug/kg	1.0	0.11	1
p-Isopropyltoluene	ND		ug/kg	1.0	0.11	1
Naphthalene	ND		ug/kg	4.0	0.65	1
Acrylonitrile	ND		ug/kg	4.0	1.2	1

Project Name: SUN VALLEY
Project Number: 12060 / PHASE 8

Lab Number: L2353060
Report Date: 09/19/23

SAMPLE RESULTS

Lab ID: L2353060-08
Client ID: GRAB_B3(14.5-15)
Sample Location: OSSINING NY

Date Collected: 09/12/23 13:15
Date Received: 09/12/23
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
n-Propylbenzene	ND		ug/kg	1.0	0.17	1
1,2,3-Trichlorobenzene	ND		ug/kg	2.0	0.32	1
1,2,4-Trichlorobenzene	ND		ug/kg	2.0	0.27	1
1,3,5-Trimethylbenzene	ND		ug/kg	2.0	0.19	1
1,2,4-Trimethylbenzene	ND		ug/kg	2.0	0.34	1
1,4-Dioxane	ND		ug/kg	80	35.	1
p-Diethylbenzene	ND		ug/kg	2.0	0.18	1
p-Ethyltoluene	ND		ug/kg	2.0	0.38	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	2.0	0.19	1
Ethyl ether	ND		ug/kg	2.0	0.34	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	5.0	1.4	1

Tentatively Identified Compounds

Total TIC Compounds	60.3	J	ug/kg	1
Propene	5.77	NJ	ug/kg	1
Unknown	19.9	J	ug/kg	1
Santolina triene	18.5	NJ	ug/kg	1
Unknown	9.74	J	ug/kg	1
Unknown Alkene	3.94	J	ug/kg	1
Unknown	2.49	J	ug/kg	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	115		70-130
Toluene-d8	96		70-130
4-Bromofluorobenzene	87		70-130
Dibromofluoromethane	110		70-130

Project Name: SUN VALLEY
Project Number: 12060 / PHASE 8

Lab Number: L2353060
Report Date: 09/19/23

SAMPLE RESULTS

Lab ID: L2353060-10
Client ID: GRAB_C3(2-2.5)
Sample Location: OSSINING NY

Date Collected: 09/12/23 14:45
Date Received: 09/12/23
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 09/14/23 17:33
Analyst: LAC
Percent Solids: 92%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	4.7	2.2	1
1,1-Dichloroethane	ND		ug/kg	0.94	0.14	1
Chloroform	ND		ug/kg	1.4	0.13	1
Carbon tetrachloride	ND		ug/kg	0.94	0.22	1
1,2-Dichloropropane	ND		ug/kg	0.94	0.12	1
Dibromochloromethane	ND		ug/kg	0.94	0.13	1
1,1,2-Trichloroethane	ND		ug/kg	0.94	0.25	1
Tetrachloroethene	ND		ug/kg	0.47	0.18	1
Chlorobenzene	ND		ug/kg	0.47	0.12	1
Trichlorofluoromethane	ND		ug/kg	3.8	0.66	1
1,2-Dichloroethane	ND		ug/kg	0.94	0.24	1
1,1,1-Trichloroethane	ND		ug/kg	0.47	0.16	1
Bromodichloromethane	ND		ug/kg	0.47	0.10	1
trans-1,3-Dichloropropene	ND		ug/kg	0.94	0.26	1
cis-1,3-Dichloropropene	ND		ug/kg	0.47	0.15	1
1,3-Dichloropropene, Total	ND		ug/kg	0.47	0.15	1
1,1-Dichloropropene	ND		ug/kg	0.47	0.15	1
Bromoform	ND		ug/kg	3.8	0.23	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.47	0.16	1
Benzene	ND		ug/kg	0.47	0.16	1
Toluene	ND		ug/kg	0.94	0.51	1
Ethylbenzene	ND		ug/kg	0.94	0.13	1
Chloromethane	ND		ug/kg	3.8	0.88	1
Bromomethane	ND		ug/kg	1.9	0.55	1
Vinyl chloride	ND		ug/kg	0.94	0.32	1
Chloroethane	ND		ug/kg	1.9	0.43	1
1,1-Dichloroethene	ND		ug/kg	0.94	0.22	1
trans-1,2-Dichloroethene	ND		ug/kg	1.4	0.13	1

Project Name: SUN VALLEY
Project Number: 12060 / PHASE 8

Lab Number: L2353060
Report Date: 09/19/23

SAMPLE RESULTS

Lab ID: L2353060-10
Client ID: GRAB_C3(2-2.5)
Sample Location: OSSINING NY

Date Collected: 09/12/23 14:45
Date Received: 09/12/23
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Trichloroethene	ND		ug/kg	0.47	0.13	1
1,2-Dichlorobenzene	ND		ug/kg	1.9	0.14	1
1,3-Dichlorobenzene	ND		ug/kg	1.9	0.14	1
1,4-Dichlorobenzene	ND		ug/kg	1.9	0.16	1
Methyl tert butyl ether	ND		ug/kg	1.9	0.19	1
p/m-Xylene	ND		ug/kg	1.9	0.53	1
o-Xylene	ND		ug/kg	0.94	0.28	1
Xylenes, Total	ND		ug/kg	0.94	0.28	1
cis-1,2-Dichloroethene	ND		ug/kg	0.94	0.16	1
1,2-Dichloroethene, Total	ND		ug/kg	0.94	0.13	1
Dibromomethane	ND		ug/kg	1.9	0.22	1
Styrene	ND		ug/kg	0.94	0.18	1
Dichlorodifluoromethane	ND		ug/kg	9.4	0.86	1
Acetone	8.1	J	ug/kg	9.4	4.5	1
Carbon disulfide	ND		ug/kg	9.4	4.3	1
2-Butanone	ND		ug/kg	9.4	2.1	1
Vinyl acetate	ND		ug/kg	9.4	2.0	1
4-Methyl-2-pentanone	ND		ug/kg	9.4	1.2	1
1,2,3-Trichloropropane	ND		ug/kg	1.9	0.12	1
2-Hexanone	ND		ug/kg	9.4	1.1	1
Bromochloromethane	ND		ug/kg	1.9	0.19	1
2,2-Dichloropropane	ND		ug/kg	1.9	0.19	1
1,2-Dibromoethane	ND		ug/kg	0.94	0.26	1
1,3-Dichloropropane	ND		ug/kg	1.9	0.16	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.47	0.12	1
Bromobenzene	ND		ug/kg	1.9	0.14	1
n-Butylbenzene	ND		ug/kg	0.94	0.16	1
sec-Butylbenzene	ND		ug/kg	0.94	0.14	1
tert-Butylbenzene	ND		ug/kg	1.9	0.11	1
o-Chlorotoluene	ND		ug/kg	1.9	0.18	1
p-Chlorotoluene	ND		ug/kg	1.9	0.10	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	2.8	0.94	1
Hexachlorobutadiene	ND		ug/kg	3.8	0.16	1
Isopropylbenzene	ND		ug/kg	0.94	0.10	1
p-Isopropyltoluene	ND		ug/kg	0.94	0.10	1
Naphthalene	ND		ug/kg	3.8	0.61	1
Acrylonitrile	ND		ug/kg	3.8	1.1	1

Project Name: SUN VALLEY
Project Number: 12060 / PHASE 8

Lab Number: L2353060
Report Date: 09/19/23

SAMPLE RESULTS

Lab ID: L2353060-10
Client ID: GRAB_C3(2-2.5)
Sample Location: OSSINING NY

Date Collected: 09/12/23 14:45
Date Received: 09/12/23
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
n-Propylbenzene	ND		ug/kg	0.94	0.16	1
1,2,3-Trichlorobenzene	ND		ug/kg	1.9	0.30	1
1,2,4-Trichlorobenzene	ND		ug/kg	1.9	0.26	1
1,3,5-Trimethylbenzene	ND		ug/kg	1.9	0.18	1
1,2,4-Trimethylbenzene	ND		ug/kg	1.9	0.32	1
1,4-Dioxane	ND		ug/kg	76	33.	1
p-Diethylbenzene	ND		ug/kg	1.9	0.17	1
p-Ethyltoluene	ND		ug/kg	1.9	0.36	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	1.9	0.18	1
Ethyl ether	ND		ug/kg	1.9	0.32	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	4.7	1.3	1

Tentatively Identified Compounds

No Tentatively Identified Compounds ND ug/kg 1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	119		70-130
Toluene-d8	96		70-130
4-Bromofluorobenzene	85		70-130
Dibromofluoromethane	113		70-130

Project Name: SUN VALLEY
Project Number: 12060 / PHASE 8

Lab Number: L2353060
Report Date: 09/19/23

SAMPLE RESULTS

Lab ID: L2353060-12
Client ID: GRAB_B3(4.5-5)
Sample Location: OSSINING NY

Date Collected: 09/12/23 12:45
Date Received: 09/12/23
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 09/14/23 18:00
Analyst: LAC
Percent Solids: 90%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	4.7	2.2	1
1,1-Dichloroethane	ND		ug/kg	0.94	0.14	1
Chloroform	ND		ug/kg	1.4	0.13	1
Carbon tetrachloride	ND		ug/kg	0.94	0.22	1
1,2-Dichloropropane	ND		ug/kg	0.94	0.12	1
Dibromochloromethane	ND		ug/kg	0.94	0.13	1
1,1,2-Trichloroethane	ND		ug/kg	0.94	0.25	1
Tetrachloroethene	ND		ug/kg	0.47	0.18	1
Chlorobenzene	ND		ug/kg	0.47	0.12	1
Trichlorofluoromethane	ND		ug/kg	3.8	0.66	1
1,2-Dichloroethane	ND		ug/kg	0.94	0.24	1
1,1,1-Trichloroethane	ND		ug/kg	0.47	0.16	1
Bromodichloromethane	ND		ug/kg	0.47	0.10	1
trans-1,3-Dichloropropene	ND		ug/kg	0.94	0.26	1
cis-1,3-Dichloropropene	ND		ug/kg	0.47	0.15	1
1,3-Dichloropropene, Total	ND		ug/kg	0.47	0.15	1
1,1-Dichloropropene	ND		ug/kg	0.47	0.15	1
Bromoform	ND		ug/kg	3.8	0.23	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.47	0.16	1
Benzene	ND		ug/kg	0.47	0.16	1
Toluene	ND		ug/kg	0.94	0.51	1
Ethylbenzene	ND		ug/kg	0.94	0.13	1
Chloromethane	ND		ug/kg	3.8	0.88	1
Bromomethane	ND		ug/kg	1.9	0.55	1
Vinyl chloride	ND		ug/kg	0.94	0.32	1
Chloroethane	ND		ug/kg	1.9	0.43	1
1,1-Dichloroethene	ND		ug/kg	0.94	0.22	1
trans-1,2-Dichloroethene	ND		ug/kg	1.4	0.13	1

Project Name: SUN VALLEY
Project Number: 12060 / PHASE 8

Lab Number: L2353060
Report Date: 09/19/23

SAMPLE RESULTS

Lab ID: L2353060-12
Client ID: GRAB_B3(4.5-5)
Sample Location: OSSINING NY

Date Collected: 09/12/23 12:45
Date Received: 09/12/23
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Trichloroethene	ND		ug/kg	0.47	0.13	1
1,2-Dichlorobenzene	ND		ug/kg	1.9	0.14	1
1,3-Dichlorobenzene	ND		ug/kg	1.9	0.14	1
1,4-Dichlorobenzene	ND		ug/kg	1.9	0.16	1
Methyl tert butyl ether	ND		ug/kg	1.9	0.19	1
p/m-Xylene	ND		ug/kg	1.9	0.53	1
o-Xylene	ND		ug/kg	0.94	0.27	1
Xylenes, Total	ND		ug/kg	0.94	0.27	1
cis-1,2-Dichloroethene	ND		ug/kg	0.94	0.16	1
1,2-Dichloroethene, Total	ND		ug/kg	0.94	0.13	1
Dibromomethane	ND		ug/kg	1.9	0.22	1
Styrene	ND		ug/kg	0.94	0.18	1
Dichlorodifluoromethane	ND		ug/kg	9.4	0.86	1
Acetone	ND		ug/kg	9.4	4.5	1
Carbon disulfide	ND		ug/kg	9.4	4.3	1
2-Butanone	ND		ug/kg	9.4	2.1	1
Vinyl acetate	ND		ug/kg	9.4	2.0	1
4-Methyl-2-pentanone	ND		ug/kg	9.4	1.2	1
1,2,3-Trichloropropane	ND		ug/kg	1.9	0.12	1
2-Hexanone	ND		ug/kg	9.4	1.1	1
Bromochloromethane	ND		ug/kg	1.9	0.19	1
2,2-Dichloropropane	ND		ug/kg	1.9	0.19	1
1,2-Dibromoethane	ND		ug/kg	0.94	0.26	1
1,3-Dichloropropane	ND		ug/kg	1.9	0.16	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.47	0.12	1
Bromobenzene	ND		ug/kg	1.9	0.14	1
n-Butylbenzene	ND		ug/kg	0.94	0.16	1
sec-Butylbenzene	ND		ug/kg	0.94	0.14	1
tert-Butylbenzene	ND		ug/kg	1.9	0.11	1
o-Chlorotoluene	ND		ug/kg	1.9	0.18	1
p-Chlorotoluene	ND		ug/kg	1.9	0.10	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	2.8	0.94	1
Hexachlorobutadiene	ND		ug/kg	3.8	0.16	1
Isopropylbenzene	ND		ug/kg	0.94	0.10	1
p-Isopropyltoluene	ND		ug/kg	0.94	0.10	1
Naphthalene	ND		ug/kg	3.8	0.61	1
Acrylonitrile	ND		ug/kg	3.8	1.1	1

Project Name: SUN VALLEY
Project Number: 12060 / PHASE 8

Lab Number: L2353060
Report Date: 09/19/23

SAMPLE RESULTS

Lab ID: L2353060-12
Client ID: GRAB_B3(4.5-5)
Sample Location: OSSINING NY

Date Collected: 09/12/23 12:45
Date Received: 09/12/23
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
n-Propylbenzene	ND		ug/kg	0.94	0.16	1
1,2,3-Trichlorobenzene	ND		ug/kg	1.9	0.30	1
1,2,4-Trichlorobenzene	ND		ug/kg	1.9	0.26	1
1,3,5-Trimethylbenzene	ND		ug/kg	1.9	0.18	1
1,2,4-Trimethylbenzene	ND		ug/kg	1.9	0.32	1
1,4-Dioxane	ND		ug/kg	75	33.	1
p-Diethylbenzene	ND		ug/kg	1.9	0.17	1
p-Ethyltoluene	ND		ug/kg	1.9	0.36	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	1.9	0.18	1
Ethyl ether	ND		ug/kg	1.9	0.32	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	4.7	1.3	1

Tentatively Identified Compounds

No Tentatively Identified Compounds ND ug/kg 1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	120		70-130
Toluene-d8	96		70-130
4-Bromofluorobenzene	84		70-130
Dibromofluoromethane	116		70-130

Project Name: SUN VALLEY
Project Number: 12060 / PHASE 8

Lab Number: L2353060
Report Date: 09/19/23

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8260D
 Analytical Date: 09/14/23 15:22
 Analyst: LAC

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 02,04,06,08,10,12 Batch: WG1827935-5					
Methylene chloride	ND		ug/kg	5.0	2.3
1,1-Dichloroethane	ND		ug/kg	1.0	0.14
Chloroform	ND		ug/kg	1.5	0.14
Carbon tetrachloride	ND		ug/kg	1.0	0.23
1,2-Dichloropropane	ND		ug/kg	1.0	0.12
Dibromochloromethane	ND		ug/kg	1.0	0.14
1,1,2-Trichloroethane	ND		ug/kg	1.0	0.27
Tetrachloroethene	ND		ug/kg	0.50	0.20
Chlorobenzene	ND		ug/kg	0.50	0.13
Trichlorofluoromethane	ND		ug/kg	4.0	0.70
1,2-Dichloroethane	ND		ug/kg	1.0	0.26
1,1,1-Trichloroethane	ND		ug/kg	0.50	0.17
Bromodichloromethane	ND		ug/kg	0.50	0.11
trans-1,3-Dichloropropene	ND		ug/kg	1.0	0.27
cis-1,3-Dichloropropene	ND		ug/kg	0.50	0.16
1,3-Dichloropropene, Total	ND		ug/kg	0.50	0.16
1,1-Dichloropropene	ND		ug/kg	0.50	0.16
Bromoform	ND		ug/kg	4.0	0.25
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.50	0.17
Benzene	ND		ug/kg	0.50	0.17
Toluene	ND		ug/kg	1.0	0.54
Ethylbenzene	ND		ug/kg	1.0	0.14
Chloromethane	ND		ug/kg	4.0	0.93
Bromomethane	0.90	J	ug/kg	2.0	0.58
Vinyl chloride	ND		ug/kg	1.0	0.34
Chloroethane	ND		ug/kg	2.0	0.45
1,1-Dichloroethene	ND		ug/kg	1.0	0.24
trans-1,2-Dichloroethene	ND		ug/kg	1.5	0.14
Trichloroethene	ND		ug/kg	0.50	0.14

Project Name: SUN VALLEY
Project Number: 12060 / PHASE 8

Lab Number: L2353060
Report Date: 09/19/23

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 09/14/23 15:22
Analyst: LAC

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 02,04,06,08,10,12 Batch: WG1827935-5					
1,2-Dichlorobenzene	ND		ug/kg	2.0	0.14
1,3-Dichlorobenzene	ND		ug/kg	2.0	0.15
1,4-Dichlorobenzene	ND		ug/kg	2.0	0.17
Methyl tert butyl ether	ND		ug/kg	2.0	0.20
p/m-Xylene	ND		ug/kg	2.0	0.56
o-Xylene	ND		ug/kg	1.0	0.29
Xylenes, Total	ND		ug/kg	1.0	0.29
cis-1,2-Dichloroethene	ND		ug/kg	1.0	0.18
1,2-Dichloroethene, Total	ND		ug/kg	1.0	0.14
Dibromomethane	ND		ug/kg	2.0	0.24
Styrene	ND		ug/kg	1.0	0.20
Dichlorodifluoromethane	ND		ug/kg	10	0.92
Acetone	7.5	J	ug/kg	10	4.8
Carbon disulfide	ND		ug/kg	10	4.6
2-Butanone	ND		ug/kg	10	2.2
Vinyl acetate	ND		ug/kg	10	2.2
4-Methyl-2-pentanone	ND		ug/kg	10	1.3
1,2,3-Trichloropropane	ND		ug/kg	2.0	0.13
2-Hexanone	ND		ug/kg	10	1.2
Bromochloromethane	ND		ug/kg	2.0	0.20
2,2-Dichloropropane	ND		ug/kg	2.0	0.20
1,2-Dibromoethane	ND		ug/kg	1.0	0.28
1,3-Dichloropropane	ND		ug/kg	2.0	0.17
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.50	0.13
Bromobenzene	ND		ug/kg	2.0	0.14
n-Butylbenzene	ND		ug/kg	1.0	0.17
sec-Butylbenzene	ND		ug/kg	1.0	0.15
tert-Butylbenzene	ND		ug/kg	2.0	0.12
o-Chlorotoluene	ND		ug/kg	2.0	0.19

Project Name: SUN VALLEY
Project Number: 12060 / PHASE 8

Lab Number: L2353060
Report Date: 09/19/23

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 09/14/23 15:22
Analyst: LAC

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 02,04,06,08,10,12 Batch: WG1827935-5					
p-Chlorotoluene	ND		ug/kg	2.0	0.11
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.0	1.0
Hexachlorobutadiene	ND		ug/kg	4.0	0.17
Isopropylbenzene	ND		ug/kg	1.0	0.11
p-Isopropyltoluene	ND		ug/kg	1.0	0.11
Naphthalene	ND		ug/kg	4.0	0.65
Acrylonitrile	ND		ug/kg	4.0	1.2
n-Propylbenzene	ND		ug/kg	1.0	0.17
1,2,3-Trichlorobenzene	ND		ug/kg	2.0	0.32
1,2,4-Trichlorobenzene	ND		ug/kg	2.0	0.27
1,3,5-Trimethylbenzene	ND		ug/kg	2.0	0.19
1,2,4-Trimethylbenzene	ND		ug/kg	2.0	0.33
1,4-Dioxane	ND		ug/kg	80	35.
p-Diethylbenzene	ND		ug/kg	2.0	0.18
p-Ethyltoluene	ND		ug/kg	2.0	0.38
1,2,4,5-Tetramethylbenzene	ND		ug/kg	2.0	0.19
Ethyl ether	ND		ug/kg	2.0	0.34
trans-1,4-Dichloro-2-butene	ND		ug/kg	5.0	1.4

Tentatively Identified Compounds

No Tentatively Identified Compounds ND ug/kg

Project Name: SUN VALLEY
Project Number: 12060 / PHASE 8

Lab Number: L2353060
Report Date: 09/19/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 09/14/23 15:22
Analyst: LAC

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 02,04,06,08,10,12 Batch: WG1827935-5					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	112		70-130
Toluene-d8	98		70-130
4-Bromofluorobenzene	90		70-130
Dibromofluoromethane	108		70-130

Lab Control Sample Analysis

Batch Quality Control

Project Name: SUN VALLEY
Project Number: 12060 / PHASE 8

Lab Number: L2353060
Report Date: 09/19/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 02,04,06,08,10,12 Batch: WG1827935-3 WG1827935-4								
Methylene chloride	105		105		70-130	0		30
1,1-Dichloroethane	111		106		70-130	5		30
Chloroform	110		107		70-130	3		30
Carbon tetrachloride	111		93		70-130	18		30
1,2-Dichloropropane	114		114		70-130	0		30
Dibromochloromethane	113		115		70-130	2		30
1,1,2-Trichloroethane	106		108		70-130	2		30
Tetrachloroethene	109		96		70-130	13		30
Chlorobenzene	104		104		70-130	0		30
Trichlorofluoromethane	141	Q	109		70-139	26		30
1,2-Dichloroethane	112		114		70-130	2		30
1,1,1-Trichloroethane	114		100		70-130	13		30
Bromodichloromethane	114		115		70-130	1		30
trans-1,3-Dichloropropene	104		105		70-130	1		30
cis-1,3-Dichloropropene	114		115		70-130	1		30
1,1-Dichloropropene	111		96		70-130	14		30
Bromoform	111		113		70-130	2		30
1,1,2,2-Tetrachloroethane	92		94		70-130	2		30
Benzene	112		107		70-130	5		30
Toluene	99		96		70-130	3		30
Ethylbenzene	100		96		70-130	4		30
Chloromethane	122		116		52-130	5		30
Bromomethane	189	Q	177	Q	57-147	7		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: SUN VALLEY
Project Number: 12060 / PHASE 8

Lab Number: L2353060
Report Date: 09/19/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 02,04,06,08,10,12 Batch: WG1827935-3 WG1827935-4								
Vinyl chloride	130		109		67-130	18		30
Chloroethane	144		143		50-151	1		30
1,1-Dichloroethene	169	Q	138	Q	65-135	20		30
trans-1,2-Dichloroethene	108		102		70-130	6		30
Trichloroethene	120		113		70-130	6		30
1,2-Dichlorobenzene	103		105		70-130	2		30
1,3-Dichlorobenzene	101		102		70-130	1		30
1,4-Dichlorobenzene	98		102		70-130	4		30
Methyl tert butyl ether	100		100		66-130	0		30
p/m-Xylene	103		100		70-130	3		30
o-Xylene	103		102		70-130	1		30
cis-1,2-Dichloroethene	110		109		70-130	1		30
Dibromomethane	113		114		70-130	1		30
Styrene	104		107		70-130	3		30
Dichlorodifluoromethane	121		86		30-146	34	Q	30
Acetone	136		139		54-140	2		30
Carbon disulfide	150	Q	120		59-130	22		30
2-Butanone	132	Q	126		70-130	5		30
Vinyl acetate	101		103		70-130	2		30
4-Methyl-2-pentanone	101		101		70-130	0		30
1,2,3-Trichloropropane	98		100		68-130	2		30
2-Hexanone	109		107		70-130	2		30
Bromochloromethane	117		118		70-130	1		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: SUN VALLEY
Project Number: 12060 / PHASE 8

Lab Number: L2353060
Report Date: 09/19/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 02,04,06,08,10,12 Batch: WG1827935-3 WG1827935-4								
2,2-Dichloropropane	104		88		70-130	17		30
1,2-Dibromoethane	110		115		70-130	4		30
1,3-Dichloropropane	103		106		69-130	3		30
1,1,1,2-Tetrachloroethane	113		113		70-130	0		30
Bromobenzene	102		103		70-130	1		30
n-Butylbenzene	95		87		70-130	9		30
sec-Butylbenzene	98		88		70-130	11		30
tert-Butylbenzene	100		91		70-130	9		30
o-Chlorotoluene	94		92		70-130	2		30
p-Chlorotoluene	93		93		70-130	0		30
1,2-Dibromo-3-chloropropane	102		107		68-130	5		30
Hexachlorobutadiene	100		88		67-130	13		30
Isopropylbenzene	99		91		70-130	8		30
p-Isopropyltoluene	100		92		70-130	8		30
Naphthalene	102		106		70-130	4		30
Acrylonitrile	120		120		70-130	0		30
n-Propylbenzene	97		90		70-130	7		30
1,2,3-Trichlorobenzene	101		106		70-130	5		30
1,2,4-Trichlorobenzene	97		103		70-130	6		30
1,3,5-Trimethylbenzene	95		91		70-130	4		30
1,2,4-Trimethylbenzene	94		93		70-130	1		30
1,4-Dioxane	90		90		65-136	0		30
p-Diethylbenzene	98		93		70-130	5		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: SUN VALLEY
Project Number: 12060 / PHASE 8

Lab Number: L2353060
Report Date: 09/19/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 02,04,06,08,10,12 Batch: WG1827935-3 WG1827935-4								
p-Ethyltoluene	98		94		70-130	4		30
1,2,4,5-Tetramethylbenzene	100		101		70-130	1		30
Ethyl ether	140	Q	144	Q	67-130	3		30
trans-1,4-Dichloro-2-butene	99		100		70-130	1		30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	105		105		70-130
Toluene-d8	98		97		70-130
4-Bromofluorobenzene	87		87		70-130
Dibromofluoromethane	104		102		70-130

SEMIVOLATILES

Project Name: SUN VALLEY
Project Number: 12060 / PHASE 8

Lab Number: L2353060
Report Date: 09/19/23

SAMPLE RESULTS

Lab ID: L2353060-01
Client ID: COMP_A3(0-7)
Sample Location: OSSINING NY

Date Collected: 09/12/23 11:15
Date Received: 09/12/23
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 09/14/23 18:38
Analyst: IM
Percent Solids: 92%

Extraction Method: EPA 3546
Extraction Date: 09/13/23 17:31

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	140	18.	1
1,2,4-Trichlorobenzene	ND		ug/kg	180	20.	1
Hexachlorobenzene	ND		ug/kg	100	20.	1
Bis(2-chloroethyl)ether	ND		ug/kg	160	24.	1
2-Chloronaphthalene	ND		ug/kg	180	18.	1
1,2-Dichlorobenzene	ND		ug/kg	180	32.	1
1,3-Dichlorobenzene	ND		ug/kg	180	30.	1
1,4-Dichlorobenzene	ND		ug/kg	180	31.	1
3,3'-Dichlorobenzidine	ND		ug/kg	180	47.	1
2,4-Dinitrotoluene	ND		ug/kg	180	35.	1
2,6-Dinitrotoluene	ND		ug/kg	180	30.	1
Fluoranthene	ND		ug/kg	100	20.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	180	19.	1
4-Bromophenyl phenyl ether	ND		ug/kg	180	27.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	210	30.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	190	18.	1
Hexachlorobutadiene	ND		ug/kg	180	26.	1
Hexachlorocyclopentadiene	ND		ug/kg	500	160	1
Hexachloroethane	ND		ug/kg	140	28.	1
Isophorone	ND		ug/kg	160	23.	1
Naphthalene	ND		ug/kg	180	21.	1
Nitrobenzene	ND		ug/kg	160	26.	1
NDPA/DPA	ND		ug/kg	140	20.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	180	27.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	180	61.	1
Butyl benzyl phthalate	ND		ug/kg	180	44.	1
Di-n-butylphthalate	ND		ug/kg	180	33.	1
Di-n-octylphthalate	ND		ug/kg	180	60.	1

Project Name: SUN VALLEY
Project Number: 12060 / PHASE 8

Lab Number: L2353060
Report Date: 09/19/23

SAMPLE RESULTS

Lab ID: L2353060-01
Client ID: COMP_A3(0-7)
Sample Location: OSSINING NY

Date Collected: 09/12/23 11:15
Date Received: 09/12/23
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Diethyl phthalate	ND		ug/kg	180	16.	1
Dimethyl phthalate	ND		ug/kg	180	37.	1
Benzo(a)anthracene	ND		ug/kg	100	20.	1
Benzo(a)pyrene	ND		ug/kg	140	43.	1
Benzo(b)fluoranthene	ND		ug/kg	100	30.	1
Benzo(k)fluoranthene	ND		ug/kg	100	28.	1
Chrysene	ND		ug/kg	100	18.	1
Acenaphthylene	ND		ug/kg	140	27.	1
Anthracene	ND		ug/kg	100	34.	1
Benzo(ghi)perylene	ND		ug/kg	140	21.	1
Fluorene	ND		ug/kg	180	17.	1
Phenanthrene	ND		ug/kg	100	21.	1
Dibenzo(a,h)anthracene	ND		ug/kg	100	20.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	140	25.	1
Pyrene	ND		ug/kg	100	18.	1
Biphenyl	ND		ug/kg	400	23.	1
4-Chloroaniline	ND		ug/kg	180	32.	1
2-Nitroaniline	ND		ug/kg	180	34.	1
3-Nitroaniline	ND		ug/kg	180	33.	1
4-Nitroaniline	ND		ug/kg	180	73.	1
Dibenzofuran	ND		ug/kg	180	17.	1
2-Methylnaphthalene	ND		ug/kg	210	21.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	180	18.	1
Acetophenone	ND		ug/kg	180	22.	1
2,4,6-Trichlorophenol	ND		ug/kg	100	33.	1
p-Chloro-m-cresol	ND		ug/kg	180	26.	1
2-Chlorophenol	ND		ug/kg	180	21.	1
2,4-Dichlorophenol	ND		ug/kg	160	28.	1
2,4-Dimethylphenol	ND		ug/kg	180	58.	1
2-Nitrophenol	ND		ug/kg	380	66.	1
4-Nitrophenol	ND		ug/kg	250	72.	1
2,4-Dinitrophenol	ND		ug/kg	850	82.	1
4,6-Dinitro-o-cresol	ND		ug/kg	460	85.	1
Pentachlorophenol	ND		ug/kg	140	39.	1
Phenol	ND		ug/kg	180	27.	1
2-Methylphenol	ND		ug/kg	180	27.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	250	28.	1

Project Name: SUN VALLEY
Project Number: 12060 / PHASE 8

Lab Number: L2353060
Report Date: 09/19/23

SAMPLE RESULTS

Lab ID: L2353060-01
Client ID: COMP_A3(0-7)
Sample Location: OSSINING NY

Date Collected: 09/12/23 11:15
Date Received: 09/12/23
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	180	34.	1
Benzoic Acid	ND		ug/kg	570	180	1
Benzyl Alcohol	ND		ug/kg	180	54.	1
Carbazole	ND		ug/kg	180	17.	1
1,4-Dioxane	ND		ug/kg	26	8.1	1

Tentatively Identified Compounds

Total TIC Compounds	552	J	ug/kg	1
Unknown	335	J	ug/kg	1
Unknown Organic Acid	217	J	ug/kg	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	69		25-120
Phenol-d6	67		10-120
Nitrobenzene-d5	62		23-120
2-Fluorobiphenyl	62		30-120
2,4,6-Tribromophenol	82		10-136
4-Terphenyl-d14	61		18-120

Project Name: SUN VALLEY
Project Number: 12060 / PHASE 8

Lab Number: L2353060
Report Date: 09/19/23

SAMPLE RESULTS

Lab ID: L2353060-03
Client ID: COMP_A3(7-14)
Sample Location: OSSINING NY

Date Collected: 09/12/23 11:30
Date Received: 09/12/23
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 09/14/23 19:02
Analyst: IM
Percent Solids: 95%

Extraction Method: EPA 3546
Extraction Date: 09/13/23 17:31

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	140	18.	1
1,2,4-Trichlorobenzene	ND		ug/kg	170	20.	1
Hexachlorobenzene	ND		ug/kg	100	20.	1
Bis(2-chloroethyl)ether	ND		ug/kg	160	24.	1
2-Chloronaphthalene	ND		ug/kg	170	17.	1
1,2-Dichlorobenzene	ND		ug/kg	170	31.	1
1,3-Dichlorobenzene	ND		ug/kg	170	30.	1
1,4-Dichlorobenzene	ND		ug/kg	170	30.	1
3,3'-Dichlorobenzidine	ND		ug/kg	170	46.	1
2,4-Dinitrotoluene	ND		ug/kg	170	35.	1
2,6-Dinitrotoluene	ND		ug/kg	170	30.	1
Fluoranthene	ND		ug/kg	100	20.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	170	19.	1
4-Bromophenyl phenyl ether	ND		ug/kg	170	27.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	210	30.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	190	18.	1
Hexachlorobutadiene	ND		ug/kg	170	26.	1
Hexachlorocyclopentadiene	ND		ug/kg	500	160	1
Hexachloroethane	ND		ug/kg	140	28.	1
Isophorone	ND		ug/kg	160	23.	1
Naphthalene	ND		ug/kg	170	21.	1
Nitrobenzene	ND		ug/kg	160	26.	1
NDPA/DPA	ND		ug/kg	140	20.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	170	27.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	170	60.	1
Butyl benzyl phthalate	ND		ug/kg	170	44.	1
Di-n-butylphthalate	ND		ug/kg	170	33.	1
Di-n-octylphthalate	ND		ug/kg	170	59.	1

Project Name: SUN VALLEY
Project Number: 12060 / PHASE 8

Lab Number: L2353060
Report Date: 09/19/23

SAMPLE RESULTS

Lab ID: L2353060-03
Client ID: COMP_A3(7-14)
Sample Location: OSSINING NY

Date Collected: 09/12/23 11:30
Date Received: 09/12/23
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Diethyl phthalate	ND		ug/kg	170	16.	1
Dimethyl phthalate	ND		ug/kg	170	37.	1
Benzo(a)anthracene	ND		ug/kg	100	20.	1
Benzo(a)pyrene	ND		ug/kg	140	43.	1
Benzo(b)fluoranthene	ND		ug/kg	100	29.	1
Benzo(k)fluoranthene	ND		ug/kg	100	28.	1
Chrysene	ND		ug/kg	100	18.	1
Acenaphthylene	ND		ug/kg	140	27.	1
Anthracene	ND		ug/kg	100	34.	1
Benzo(ghi)perylene	ND		ug/kg	140	20.	1
Fluorene	ND		ug/kg	170	17.	1
Phenanthrene	ND		ug/kg	100	21.	1
Dibenzo(a,h)anthracene	ND		ug/kg	100	20.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	140	24.	1
Pyrene	ND		ug/kg	100	17.	1
Biphenyl	ND		ug/kg	400	23.	1
4-Chloroaniline	ND		ug/kg	170	32.	1
2-Nitroaniline	ND		ug/kg	170	34.	1
3-Nitroaniline	ND		ug/kg	170	33.	1
4-Nitroaniline	ND		ug/kg	170	72.	1
Dibenzofuran	ND		ug/kg	170	16.	1
2-Methylnaphthalene	ND		ug/kg	210	21.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	170	18.	1
Acetophenone	ND		ug/kg	170	22.	1
2,4,6-Trichlorophenol	ND		ug/kg	100	33.	1
p-Chloro-m-cresol	ND		ug/kg	170	26.	1
2-Chlorophenol	ND		ug/kg	170	21.	1
2,4-Dichlorophenol	ND		ug/kg	160	28.	1
2,4-Dimethylphenol	ND		ug/kg	170	58.	1
2-Nitrophenol	ND		ug/kg	380	66.	1
4-Nitrophenol	ND		ug/kg	240	71.	1
2,4-Dinitrophenol	ND		ug/kg	840	81.	1
4,6-Dinitro-o-cresol	ND		ug/kg	450	84.	1
Pentachlorophenol	ND		ug/kg	140	38.	1
Phenol	ND		ug/kg	170	26.	1
2-Methylphenol	ND		ug/kg	170	27.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	250	27.	1

Project Name: SUN VALLEY
Project Number: 12060 / PHASE 8

Lab Number: L2353060
Report Date: 09/19/23

SAMPLE RESULTS

Lab ID: L2353060-03
Client ID: COMP_A3(7-14)
Sample Location: OSSINING NY

Date Collected: 09/12/23 11:30
Date Received: 09/12/23
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	170	33.	1
Benzoic Acid	ND		ug/kg	570	180	1
Benzyl Alcohol	ND		ug/kg	170	53.	1
Carbazole	ND		ug/kg	170	17.	1
1,4-Dioxane	ND		ug/kg	26	8.0	1

Tentatively Identified Compounds

Total TIC Compounds	4910	J	ug/kg			1
Unknown	220	J	ug/kg			1
Unknown	215	J	ug/kg			1
Unknown Organic Acid	148	J	ug/kg			1
Unknown	237	J	ug/kg			1
Unknown	1860	J	ug/kg			1
Unknown Organic Acid	184	J	ug/kg			1
Unknown Organic Acid	228	J	ug/kg			1
Unknown	1010	J	ug/kg			1
Unknown	409	J	ug/kg			1
Unknown	400	J	ug/kg			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	74		25-120
Phenol-d6	71		10-120
Nitrobenzene-d5	64		23-120
2-Fluorobiphenyl	60		30-120
2,4,6-Tribromophenol	80		10-136
4-Terphenyl-d14	44		18-120

Project Name: SUN VALLEY
Project Number: 12060 / PHASE 8

Lab Number: L2353060
Report Date: 09/19/23

SAMPLE RESULTS

Lab ID: L2353060-05
Client ID: COMP_A3(14-25)
Sample Location: OSSINING NY

Date Collected: 09/12/23 11:45
Date Received: 09/12/23
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 09/14/23 19:25
Analyst: IM
Percent Solids: 78%

Extraction Method: EPA 3546
Extraction Date: 09/13/23 17:31

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	170	22.	1
1,2,4-Trichlorobenzene	ND		ug/kg	210	24.	1
Hexachlorobenzene	ND		ug/kg	130	24.	1
Bis(2-chloroethyl)ether	ND		ug/kg	190	28.	1
2-Chloronaphthalene	ND		ug/kg	210	21.	1
1,2-Dichlorobenzene	ND		ug/kg	210	38.	1
1,3-Dichlorobenzene	ND		ug/kg	210	36.	1
1,4-Dichlorobenzene	ND		ug/kg	210	37.	1
3,3'-Dichlorobenzidine	ND		ug/kg	210	56.	1
2,4-Dinitrotoluene	ND		ug/kg	210	42.	1
2,6-Dinitrotoluene	ND		ug/kg	210	36.	1
Fluoranthene	ND		ug/kg	130	24.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	210	22.	1
4-Bromophenyl phenyl ether	ND		ug/kg	210	32.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	250	36.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	230	21.	1
Hexachlorobutadiene	ND		ug/kg	210	31.	1
Hexachlorocyclopentadiene	ND		ug/kg	600	190	1
Hexachloroethane	ND		ug/kg	170	34.	1
Isophorone	ND		ug/kg	190	27.	1
Naphthalene	ND		ug/kg	210	26.	1
Nitrobenzene	ND		ug/kg	190	31.	1
NDPA/DPA	ND		ug/kg	170	24.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	210	32.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	210	73.	1
Butyl benzyl phthalate	ND		ug/kg	210	53.	1
Di-n-butylphthalate	ND		ug/kg	210	40.	1
Di-n-octylphthalate	ND		ug/kg	210	72.	1

Project Name: SUN VALLEY
Project Number: 12060 / PHASE 8

Lab Number: L2353060
Report Date: 09/19/23

SAMPLE RESULTS

Lab ID: L2353060-05
Client ID: COMP_A3(14-25)
Sample Location: OSSINING NY

Date Collected: 09/12/23 11:45
Date Received: 09/12/23
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Diethyl phthalate	ND		ug/kg	210	20.	1
Dimethyl phthalate	ND		ug/kg	210	44.	1
Benzo(a)anthracene	ND		ug/kg	130	24.	1
Benzo(a)pyrene	ND		ug/kg	170	51.	1
Benzo(b)fluoranthene	ND		ug/kg	130	35.	1
Benzo(k)fluoranthene	ND		ug/kg	130	34.	1
Chrysene	ND		ug/kg	130	22.	1
Acenaphthylene	ND		ug/kg	170	32.	1
Anthracene	ND		ug/kg	130	41.	1
Benzo(ghi)perylene	ND		ug/kg	170	25.	1
Fluorene	ND		ug/kg	210	20.	1
Phenanthrene	ND		ug/kg	130	26.	1
Dibenzo(a,h)anthracene	ND		ug/kg	130	24.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	170	29.	1
Pyrene	ND		ug/kg	130	21.	1
Biphenyl	ND		ug/kg	480	27.	1
4-Chloroaniline	ND		ug/kg	210	38.	1
2-Nitroaniline	ND		ug/kg	210	41.	1
3-Nitroaniline	ND		ug/kg	210	40.	1
4-Nitroaniline	ND		ug/kg	210	87.	1
Dibenzofuran	ND		ug/kg	210	20.	1
2-Methylnaphthalene	ND		ug/kg	250	25.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	210	22.	1
Acetophenone	ND		ug/kg	210	26.	1
2,4,6-Trichlorophenol	ND		ug/kg	130	40.	1
p-Chloro-m-cresol	ND		ug/kg	210	31.	1
2-Chlorophenol	ND		ug/kg	210	25.	1
2,4-Dichlorophenol	ND		ug/kg	190	34.	1
2,4-Dimethylphenol	ND		ug/kg	210	70.	1
2-Nitrophenol	ND		ug/kg	460	79.	1
4-Nitrophenol	ND		ug/kg	300	86.	1
2,4-Dinitrophenol	ND		ug/kg	1000	98.	1
4,6-Dinitro-o-cresol	ND		ug/kg	550	100	1
Pentachlorophenol	ND		ug/kg	170	46.	1
Phenol	ND		ug/kg	210	32.	1
2-Methylphenol	ND		ug/kg	210	33.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	300	33.	1

Project Name: SUN VALLEY
Project Number: 12060 / PHASE 8

Lab Number: L2353060
Report Date: 09/19/23

SAMPLE RESULTS

Lab ID: L2353060-05
Client ID: COMP_A3(14-25)
Sample Location: OSSINING NY

Date Collected: 09/12/23 11:45
Date Received: 09/12/23
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	210	40.	1
Benzoic Acid	ND		ug/kg	680	210	1
Benzyl Alcohol	ND		ug/kg	210	64.	1
Carbazole	ND		ug/kg	210	20.	1
1,4-Dioxane	ND		ug/kg	32	9.7	1

Tentatively Identified Compounds

No Tentatively Identified Compounds	ND	ug/kg	1
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Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	85		25-120
Phenol-d6	83		10-120
Nitrobenzene-d5	77		23-120
2-Fluorobiphenyl	75		30-120
2,4,6-Tribromophenol	92		10-136
4-Terphenyl-d14	60		18-120

Project Name: SUN VALLEY
Project Number: 12060 / PHASE 8

Lab Number: L2353060
Report Date: 09/19/23

SAMPLE RESULTS

Lab ID: L2353060-07
Client ID: COMP_B3(0-7)
Sample Location: OSSINING NY

Date Collected: 09/12/23 12:45
Date Received: 09/12/23
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 09/14/23 19:48
Analyst: IM
Percent Solids: 93%

Extraction Method: EPA 3546
Extraction Date: 09/13/23 17:31

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	140	18.	1
1,2,4-Trichlorobenzene	ND		ug/kg	170	20.	1
Hexachlorobenzene	ND		ug/kg	100	19.	1
Bis(2-chloroethyl)ether	ND		ug/kg	160	24.	1
2-Chloronaphthalene	ND		ug/kg	170	17.	1
1,2-Dichlorobenzene	ND		ug/kg	170	31.	1
1,3-Dichlorobenzene	ND		ug/kg	170	30.	1
1,4-Dichlorobenzene	ND		ug/kg	170	30.	1
3,3'-Dichlorobenzidine	ND		ug/kg	170	46.	1
2,4-Dinitrotoluene	ND		ug/kg	170	35.	1
2,6-Dinitrotoluene	ND		ug/kg	170	30.	1
Fluoranthene	ND		ug/kg	100	20.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	170	18.	1
4-Bromophenyl phenyl ether	ND		ug/kg	170	26.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	210	30.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	190	17.	1
Hexachlorobutadiene	ND		ug/kg	170	25.	1
Hexachlorocyclopentadiene	ND		ug/kg	500	160	1
Hexachloroethane	ND		ug/kg	140	28.	1
Isophorone	ND		ug/kg	160	22.	1
Naphthalene	ND		ug/kg	170	21.	1
Nitrobenzene	ND		ug/kg	160	26.	1
NDPA/DPA	ND		ug/kg	140	20.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	170	27.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	170	60.	1
Butyl benzyl phthalate	ND		ug/kg	170	44.	1
Di-n-butylphthalate	ND		ug/kg	170	33.	1
Di-n-octylphthalate	ND		ug/kg	170	59.	1

Project Name: SUN VALLEY
Project Number: 12060 / PHASE 8

Lab Number: L2353060
Report Date: 09/19/23

SAMPLE RESULTS

Lab ID: L2353060-07
Client ID: COMP_B3(0-7)
Sample Location: OSSINING NY

Date Collected: 09/12/23 12:45
Date Received: 09/12/23
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Diethyl phthalate	ND		ug/kg	170	16.	1
Dimethyl phthalate	ND		ug/kg	170	36.	1
Benzo(a)anthracene	ND		ug/kg	100	20.	1
Benzo(a)pyrene	ND		ug/kg	140	42.	1
Benzo(b)fluoranthene	ND		ug/kg	100	29.	1
Benzo(k)fluoranthene	ND		ug/kg	100	28.	1
Chrysene	ND		ug/kg	100	18.	1
Acenaphthylene	ND		ug/kg	140	27.	1
Anthracene	ND		ug/kg	100	34.	1
Benzo(ghi)perylene	ND		ug/kg	140	20.	1
Fluorene	ND		ug/kg	170	17.	1
Phenanthrene	ND		ug/kg	100	21.	1
Dibenzo(a,h)anthracene	ND		ug/kg	100	20.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	140	24.	1
Pyrene	ND		ug/kg	100	17.	1
Biphenyl	ND		ug/kg	400	22.	1
4-Chloroaniline	ND		ug/kg	170	32.	1
2-Nitroaniline	ND		ug/kg	170	33.	1
3-Nitroaniline	ND		ug/kg	170	33.	1
4-Nitroaniline	ND		ug/kg	170	72.	1
Dibenzofuran	ND		ug/kg	170	16.	1
2-Methylnaphthalene	ND		ug/kg	210	21.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	170	18.	1
Acetophenone	ND		ug/kg	170	21.	1
2,4,6-Trichlorophenol	ND		ug/kg	100	33.	1
p-Chloro-m-cresol	ND		ug/kg	170	26.	1
2-Chlorophenol	ND		ug/kg	170	20.	1
2,4-Dichlorophenol	ND		ug/kg	160	28.	1
2,4-Dimethylphenol	ND		ug/kg	170	57.	1
2-Nitrophenol	ND		ug/kg	380	65.	1
4-Nitrophenol	ND		ug/kg	240	71.	1
2,4-Dinitrophenol	ND		ug/kg	830	81.	1
4,6-Dinitro-o-cresol	ND		ug/kg	450	83.	1
Pentachlorophenol	ND		ug/kg	140	38.	1
Phenol	ND		ug/kg	170	26.	1
2-Methylphenol	ND		ug/kg	170	27.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	250	27.	1

Project Name: SUN VALLEY
Project Number: 12060 / PHASE 8

Lab Number: L2353060
Report Date: 09/19/23

SAMPLE RESULTS

Lab ID: L2353060-07
Client ID: COMP_B3(0-7)
Sample Location: OSSINING NY

Date Collected: 09/12/23 12:45
Date Received: 09/12/23
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	170	33.	1
Benzoic Acid	ND		ug/kg	560	180	1
Benzyl Alcohol	ND		ug/kg	170	53.	1
Carbazole	ND		ug/kg	170	17.	1
1,4-Dioxane	ND		ug/kg	26	8.0	1

Tentatively Identified Compounds

Total TIC Compounds	1200	J	ug/kg	1
Unknown	342	J	ug/kg	1
Unknown	145	J	ug/kg	1
Unknown	530	J	ug/kg	1
Unknown	185	J	ug/kg	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	85		25-120
Phenol-d6	85		10-120
Nitrobenzene-d5	78		23-120
2-Fluorobiphenyl	75		30-120
2,4,6-Tribromophenol	103		10-136
4-Terphenyl-d14	65		18-120

Project Name: SUN VALLEY
Project Number: 12060 / PHASE 8

Lab Number: L2353060
Report Date: 09/19/23

SAMPLE RESULTS

Lab ID: L2353060-09
Client ID: COMP_C3(0-9)
Sample Location: OSSINING NY

Date Collected: 09/12/23 14:45
Date Received: 09/12/23
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 09/14/23 20:12
Analyst: IM
Percent Solids: 92%

Extraction Method: EPA 3546
Extraction Date: 09/13/23 17:31

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	140	18.	1
1,2,4-Trichlorobenzene	ND		ug/kg	180	20.	1
Hexachlorobenzene	ND		ug/kg	100	20.	1
Bis(2-chloroethyl)ether	ND		ug/kg	160	24.	1
2-Chloronaphthalene	ND		ug/kg	180	17.	1
1,2-Dichlorobenzene	ND		ug/kg	180	32.	1
1,3-Dichlorobenzene	ND		ug/kg	180	30.	1
1,4-Dichlorobenzene	ND		ug/kg	180	31.	1
3,3'-Dichlorobenzidine	ND		ug/kg	180	47.	1
2,4-Dinitrotoluene	ND		ug/kg	180	35.	1
2,6-Dinitrotoluene	ND		ug/kg	180	30.	1
Fluoranthene	160		ug/kg	100	20.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	180	19.	1
4-Bromophenyl phenyl ether	ND		ug/kg	180	27.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	210	30.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	190	18.	1
Hexachlorobutadiene	ND		ug/kg	180	26.	1
Hexachlorocyclopentadiene	ND		ug/kg	500	160	1
Hexachloroethane	ND		ug/kg	140	28.	1
Isophorone	ND		ug/kg	160	23.	1
Naphthalene	ND		ug/kg	180	21.	1
Nitrobenzene	ND		ug/kg	160	26.	1
NDPA/DPA	ND		ug/kg	140	20.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	180	27.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	180	61.	1
Butyl benzyl phthalate	ND		ug/kg	180	44.	1
Di-n-butylphthalate	ND		ug/kg	180	33.	1
Di-n-octylphthalate	ND		ug/kg	180	60.	1

Project Name: SUN VALLEY
Project Number: 12060 / PHASE 8

Lab Number: L2353060
Report Date: 09/19/23

SAMPLE RESULTS

Lab ID: L2353060-09
Client ID: COMP_C3(0-9)
Sample Location: OSSINING NY

Date Collected: 09/12/23 14:45
Date Received: 09/12/23
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Diethyl phthalate	ND		ug/kg	180	16.	1
Dimethyl phthalate	ND		ug/kg	180	37.	1
Benzo(a)anthracene	78	J	ug/kg	100	20.	1
Benzo(a)pyrene	81	J	ug/kg	140	43.	1
Benzo(b)fluoranthene	97	J	ug/kg	100	30.	1
Benzo(k)fluoranthene	35	J	ug/kg	100	28.	1
Chrysene	75	J	ug/kg	100	18.	1
Acenaphthylene	ND		ug/kg	140	27.	1
Anthracene	ND		ug/kg	100	34.	1
Benzo(ghi)perylene	42	J	ug/kg	140	21.	1
Fluorene	ND		ug/kg	180	17.	1
Phenanthrene	94	J	ug/kg	100	21.	1
Dibenzo(a,h)anthracene	ND		ug/kg	100	20.	1
Indeno(1,2,3-cd)pyrene	48	J	ug/kg	140	24.	1
Pyrene	130		ug/kg	100	18.	1
Biphenyl	ND		ug/kg	400	23.	1
4-Chloroaniline	ND		ug/kg	180	32.	1
2-Nitroaniline	ND		ug/kg	180	34.	1
3-Nitroaniline	ND		ug/kg	180	33.	1
4-Nitroaniline	ND		ug/kg	180	73.	1
Dibenzofuran	ND		ug/kg	180	17.	1
2-Methylnaphthalene	ND		ug/kg	210	21.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	180	18.	1
Acetophenone	ND		ug/kg	180	22.	1
2,4,6-Trichlorophenol	ND		ug/kg	100	33.	1
p-Chloro-m-cresol	ND		ug/kg	180	26.	1
2-Chlorophenol	ND		ug/kg	180	21.	1
2,4-Dichlorophenol	ND		ug/kg	160	28.	1
2,4-Dimethylphenol	ND		ug/kg	180	58.	1
2-Nitrophenol	ND		ug/kg	380	66.	1
4-Nitrophenol	ND		ug/kg	250	72.	1
2,4-Dinitrophenol	ND		ug/kg	840	82.	1
4,6-Dinitro-o-cresol	ND		ug/kg	460	84.	1
Pentachlorophenol	ND		ug/kg	140	39.	1
Phenol	ND		ug/kg	180	26.	1
2-Methylphenol	ND		ug/kg	180	27.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	250	28.	1

Project Name: SUN VALLEY
Project Number: 12060 / PHASE 8

Lab Number: L2353060
Report Date: 09/19/23

SAMPLE RESULTS

Lab ID: L2353060-09
Client ID: COMP_C3(0-9)
Sample Location: OSSINING NY

Date Collected: 09/12/23 14:45
Date Received: 09/12/23
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	180	34.	1
Benzoic Acid	ND		ug/kg	570	180	1
Benzyl Alcohol	ND		ug/kg	180	54.	1
Carbazole	ND		ug/kg	180	17.	1
1,4-Dioxane	ND		ug/kg	26	8.1	1

Tentatively Identified Compounds

Total TIC Compounds	151	J	ug/kg			1
Unknown Organic Acid	151	J	ug/kg			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	93		25-120
Phenol-d6	91		10-120
Nitrobenzene-d5	84		23-120
2-Fluorobiphenyl	82		30-120
2,4,6-Tribromophenol	106		10-136
4-Terphenyl-d14	70		18-120

Project Name: SUN VALLEY
Project Number: 12060 / PHASE 8

Lab Number: L2353060
Report Date: 09/19/23

SAMPLE RESULTS

Lab ID: L2353060-11
Client ID: COMP_B3(7-15)
Sample Location: OSSINING NY

Date Collected: 09/12/23 13:15
Date Received: 09/12/23
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 09/14/23 19:37
Analyst: CMM
Percent Solids: 90%

Extraction Method: EPA 3546
Extraction Date: 09/13/23 17:31

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	150	19.	1
1,2,4-Trichlorobenzene	ND		ug/kg	190	21.	1
Hexachlorobenzene	ND		ug/kg	110	21.	1
Bis(2-chloroethyl)ether	ND		ug/kg	170	25.	1
2-Chloronaphthalene	ND		ug/kg	190	18.	1
1,2-Dichlorobenzene	ND		ug/kg	190	33.	1
1,3-Dichlorobenzene	ND		ug/kg	190	32.	1
1,4-Dichlorobenzene	ND		ug/kg	190	32.	1
3,3'-Dichlorobenzidine	ND		ug/kg	190	50.	1
2,4-Dinitrotoluene	ND		ug/kg	190	37.	1
2,6-Dinitrotoluene	ND		ug/kg	190	32.	1
Fluoranthene	ND		ug/kg	110	21.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	190	20.	1
4-Bromophenyl phenyl ether	ND		ug/kg	190	28.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	220	32.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	200	19.	1
Hexachlorobutadiene	ND		ug/kg	190	27.	1
Hexachlorocyclopentadiene	ND		ug/kg	530	170	1
Hexachloroethane	ND		ug/kg	150	30.	1
Isophorone	ND		ug/kg	170	24.	1
Naphthalene	ND		ug/kg	190	23.	1
Nitrobenzene	ND		ug/kg	170	28.	1
NDPA/DPA	ND		ug/kg	150	21.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	190	29.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	190	64.	1
Butyl benzyl phthalate	ND		ug/kg	190	47.	1
Di-n-butylphthalate	ND		ug/kg	190	35.	1
Di-n-octylphthalate	ND		ug/kg	190	63.	1

Project Name: SUN VALLEY
Project Number: 12060 / PHASE 8

Lab Number: L2353060
Report Date: 09/19/23

SAMPLE RESULTS

Lab ID: L2353060-11
Client ID: COMP_B3(7-15)
Sample Location: OSSINING NY

Date Collected: 09/12/23 13:15
Date Received: 09/12/23
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Diethyl phthalate	ND		ug/kg	190	17.	1
Dimethyl phthalate	ND		ug/kg	190	39.	1
Benzo(a)anthracene	ND		ug/kg	110	21.	1
Benzo(a)pyrene	ND		ug/kg	150	45.	1
Benzo(b)fluoranthene	ND		ug/kg	110	31.	1
Benzo(k)fluoranthene	ND		ug/kg	110	30.	1
Chrysene	ND		ug/kg	110	19.	1
Acenaphthylene	ND		ug/kg	150	29.	1
Anthracene	ND		ug/kg	110	36.	1
Benzo(ghi)perylene	ND		ug/kg	150	22.	1
Fluorene	ND		ug/kg	190	18.	1
Phenanthrene	ND		ug/kg	110	23.	1
Dibenzo(a,h)anthracene	ND		ug/kg	110	22.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	150	26.	1
Pyrene	ND		ug/kg	110	18.	1
Biphenyl	ND		ug/kg	420	24.	1
4-Chloroaniline	ND		ug/kg	190	34.	1
2-Nitroaniline	ND		ug/kg	190	36.	1
3-Nitroaniline	ND		ug/kg	190	35.	1
4-Nitroaniline	ND		ug/kg	190	77.	1
Dibenzofuran	ND		ug/kg	190	18.	1
2-Methylnaphthalene	ND		ug/kg	220	22.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	190	19.	1
Acetophenone	ND		ug/kg	190	23.	1
2,4,6-Trichlorophenol	ND		ug/kg	110	35.	1
p-Chloro-m-cresol	ND		ug/kg	190	28.	1
2-Chlorophenol	ND		ug/kg	190	22.	1
2,4-Dichlorophenol	ND		ug/kg	170	30.	1
2,4-Dimethylphenol	ND		ug/kg	190	61.	1
2-Nitrophenol	ND		ug/kg	400	70.	1
4-Nitrophenol	ND		ug/kg	260	76.	1
2,4-Dinitrophenol	ND		ug/kg	890	87.	1
4,6-Dinitro-o-cresol	ND		ug/kg	480	89.	1
Pentachlorophenol	ND		ug/kg	150	41.	1
Phenol	ND		ug/kg	190	28.	1
2-Methylphenol	ND		ug/kg	190	29.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	270	29.	1

Project Name: SUN VALLEY
Project Number: 12060 / PHASE 8

Lab Number: L2353060
Report Date: 09/19/23

SAMPLE RESULTS

Lab ID: L2353060-11
Client ID: COMP_B3(7-15)
Sample Location: OSSINING NY

Date Collected: 09/12/23 13:15
Date Received: 09/12/23
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	190	36.	1
Benzoic Acid	ND		ug/kg	600	190	1
Benzyl Alcohol	ND		ug/kg	190	57.	1
Carbazole	ND		ug/kg	190	18.	1
1,4-Dioxane	ND		ug/kg	28	8.6	1

Tentatively Identified Compounds

Total TIC Compounds	654	J	ug/kg	1
Unknown	152	J	ug/kg	1
Unknown	188	J	ug/kg	1
Unknown	314	J	ug/kg	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	67		25-120
Phenol-d6	69		10-120
Nitrobenzene-d5	65		23-120
2-Fluorobiphenyl	72		30-120
2,4,6-Tribromophenol	94		10-136
4-Terphenyl-d14	74		18-120

Project Name: SUN VALLEY
Project Number: 12060 / PHASE 8

Lab Number: L2353060
Report Date: 09/19/23

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 09/14/23 13:58
Analyst: IM

Extraction Method: EPA 3546
Extraction Date: 09/13/23 17:31

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01,03,05,07,09,11 Batch: WG1827186-1					
Acenaphthene	ND		ug/kg	130	17.
1,2,4-Trichlorobenzene	ND		ug/kg	160	19.
Hexachlorobenzene	ND		ug/kg	99	18.
Bis(2-chloroethyl)ether	ND		ug/kg	150	22.
2-Chloronaphthalene	ND		ug/kg	160	16.
1,2-Dichlorobenzene	ND		ug/kg	160	30.
1,3-Dichlorobenzene	ND		ug/kg	160	28.
1,4-Dichlorobenzene	ND		ug/kg	160	29.
3,3'-Dichlorobenzidine	ND		ug/kg	160	44.
2,4-Dinitrotoluene	ND		ug/kg	160	33.
2,6-Dinitrotoluene	ND		ug/kg	160	28.
Fluoranthene	ND		ug/kg	99	19.
4-Chlorophenyl phenyl ether	ND		ug/kg	160	18.
4-Bromophenyl phenyl ether	ND		ug/kg	160	25.
Bis(2-chloroisopropyl)ether	ND		ug/kg	200	28.
Bis(2-chloroethoxy)methane	ND		ug/kg	180	16.
Hexachlorobutadiene	ND		ug/kg	160	24.
Hexachlorocyclopentadiene	ND		ug/kg	470	150
Hexachloroethane	ND		ug/kg	130	27.
Isophorone	ND		ug/kg	150	21.
Naphthalene	ND		ug/kg	160	20.
Nitrobenzene	ND		ug/kg	150	24.
NDPA/DPA	ND		ug/kg	130	19.
n-Nitrosodi-n-propylamine	ND		ug/kg	160	26.
Bis(2-ethylhexyl)phthalate	ND		ug/kg	160	57.
Butyl benzyl phthalate	ND		ug/kg	160	42.
Di-n-butylphthalate	ND		ug/kg	160	31.
Di-n-octylphthalate	ND		ug/kg	160	56.
Diethyl phthalate	ND		ug/kg	160	15.

Project Name: SUN VALLEY
Project Number: 12060 / PHASE 8

Lab Number: L2353060
Report Date: 09/19/23

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 09/14/23 13:58
Analyst: IM

Extraction Method: EPA 3546
Extraction Date: 09/13/23 17:31

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01,03,05,07,09,11 Batch: WG1827186-1					
Dimethyl phthalate	ND		ug/kg	160	35.
Benzo(a)anthracene	ND		ug/kg	99	19.
Benzo(a)pyrene	ND		ug/kg	130	40.
Benzo(b)fluoranthene	ND		ug/kg	99	28.
Benzo(k)fluoranthene	ND		ug/kg	99	26.
Chrysene	ND		ug/kg	99	17.
Acenaphthylene	ND		ug/kg	130	26.
Anthracene	ND		ug/kg	99	32.
Benzo(ghi)perylene	ND		ug/kg	130	19.
Fluorene	ND		ug/kg	160	16.
Phenanthrene	ND		ug/kg	99	20.
Dibenzo(a,h)anthracene	ND		ug/kg	99	19.
Indeno(1,2,3-cd)pyrene	ND		ug/kg	130	23.
Pyrene	ND		ug/kg	99	16.
Biphenyl	ND		ug/kg	380	21.
4-Chloroaniline	ND		ug/kg	160	30.
2-Nitroaniline	ND		ug/kg	160	32.
3-Nitroaniline	ND		ug/kg	160	31.
4-Nitroaniline	ND		ug/kg	160	68.
Dibenzofuran	ND		ug/kg	160	16.
2-Methylnaphthalene	ND		ug/kg	200	20.
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	160	17.
Acetophenone	ND		ug/kg	160	20.
2,4,6-Trichlorophenol	ND		ug/kg	99	31.
p-Chloro-m-cresol	ND		ug/kg	160	25.
2-Chlorophenol	ND		ug/kg	160	20.
2,4-Dichlorophenol	ND		ug/kg	150	26.
2,4-Dimethylphenol	ND		ug/kg	160	54.
2-Nitrophenol	ND		ug/kg	360	62.

Project Name: SUN VALLEY
Project Number: 12060 / PHASE 8

Lab Number: L2353060
Report Date: 09/19/23

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 09/14/23 13:58
Analyst: IM

Extraction Method: EPA 3546
Extraction Date: 09/13/23 17:31

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01,03,05,07,09,11 Batch: WG1827186-1					
4-Nitrophenol	ND		ug/kg	230	67.
2,4-Dinitrophenol	ND		ug/kg	790	77.
4,6-Dinitro-o-cresol	ND		ug/kg	430	79.
Pentachlorophenol	ND		ug/kg	130	36.
Phenol	ND		ug/kg	160	25.
2-Methylphenol	ND		ug/kg	160	26.
3-Methylphenol/4-Methylphenol	ND		ug/kg	240	26.
2,4,5-Trichlorophenol	ND		ug/kg	160	32.
Benzoic Acid	ND		ug/kg	540	170
Benzyl Alcohol	ND		ug/kg	160	50.
Carbazole	ND		ug/kg	160	16.
1,4-Dioxane	ND		ug/kg	25	7.6

Tentatively Identified Compounds

No Tentatively Identified Compounds ND ug/kg

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	68		25-120
Phenol-d6	65		10-120
Nitrobenzene-d5	60		23-120
2-Fluorobiphenyl	63		30-120
2,4,6-Tribromophenol	83		10-136
4-Terphenyl-d14	68		18-120

Lab Control Sample Analysis

Batch Quality Control

Project Name: SUN VALLEY
Project Number: 12060 / PHASE 8

Lab Number: L2353060
Report Date: 09/19/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01,03,05,07,09,11 Batch: WG1827186-2 WG1827186-3								
Acenaphthene	78		87		31-137	11		50
1,2,4-Trichlorobenzene	75		88		38-107	16		50
Hexachlorobenzene	84		92		40-140	9		50
Bis(2-chloroethyl)ether	71		86		40-140	19		50
2-Chloronaphthalene	79		91		40-140	14		50
1,2-Dichlorobenzene	71		86		40-140	19		50
1,3-Dichlorobenzene	70		85		40-140	19		50
1,4-Dichlorobenzene	70		85		28-104	19		50
3,3'-Dichlorobenzidine	71		73		40-140	3		50
2,4-Dinitrotoluene	89		97		40-132	9		50
2,6-Dinitrotoluene	83		91		40-140	9		50
Fluoranthene	80		87		40-140	8		50
4-Chlorophenyl phenyl ether	81		90		40-140	11		50
4-Bromophenyl phenyl ether	82		91		40-140	10		50
Bis(2-chloroisopropyl)ether	73		86		40-140	16		50
Bis(2-chloroethoxy)methane	76		88		40-117	15		50
Hexachlorobutadiene	69		84		40-140	20		50
Hexachlorocyclopentadiene	77		89		40-140	14		50
Hexachloroethane	70		84		40-140	18		50
Isophorone	74		83		40-140	11		50
Naphthalene	74		88		40-140	17		50
Nitrobenzene	75		89		40-140	17		50
NDPA/DPA	83		89		36-157	7		50

Lab Control Sample Analysis **Batch Quality Control**

Project Name: SUN VALLEY
Project Number: 12060 / PHASE 8

Lab Number: L2353060
Report Date: 09/19/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01,03,05,07,09,11 Batch: WG1827186-2 WG1827186-3								
n-Nitrosodi-n-propylamine	77		89		32-121	14		50
Bis(2-ethylhexyl)phthalate	80		89		40-140	11		50
Butyl benzyl phthalate	80		88		40-140	10		50
Di-n-butylphthalate	80		88		40-140	10		50
Di-n-octylphthalate	79		88		40-140	11		50
Diethyl phthalate	80		87		40-140	8		50
Dimethyl phthalate	80		89		40-140	11		50
Benzo(a)anthracene	82		90		40-140	9		50
Benzo(a)pyrene	91		101		40-140	10		50
Benzo(b)fluoranthene	84		93		40-140	10		50
Benzo(k)fluoranthene	87		98		40-140	12		50
Chrysene	82		90		40-140	9		50
Acenaphthylene	85		94		40-140	10		50
Anthracene	81		89		40-140	9		50
Benzo(ghi)perylene	80		87		40-140	8		50
Fluorene	81		88		40-140	8		50
Phenanthrene	80		86		40-140	7		50
Dibenzo(a,h)anthracene	80		87		40-140	8		50
Indeno(1,2,3-cd)pyrene	90		98		40-140	9		50
Pyrene	80		88		35-142	10		50
Biphenyl	86		97		37-127	12		50
4-Chloroaniline	67		74		40-140	10		50
2-Nitroaniline	89		97		47-134	9		50

Lab Control Sample Analysis

Batch Quality Control

Project Name: SUN VALLEY
Project Number: 12060 / PHASE 8

Lab Number: L2353060
Report Date: 09/19/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01,03,05,07,09,11 Batch: WG1827186-2 WG1827186-3								
3-Nitroaniline	75		82		26-129	9		50
4-Nitroaniline	80		91		41-125	13		50
Dibenzofuran	81		90		40-140	11		50
2-Methylnaphthalene	80		92		40-140	14		50
1,2,4,5-Tetrachlorobenzene	82		95		40-117	15		50
Acetophenone	84		99		14-144	16		50
2,4,6-Trichlorophenol	91		103		30-130	12		50
p-Chloro-m-cresol	88		97		26-103	10		50
2-Chlorophenol	80		95		25-102	17		50
2,4-Dichlorophenol	87		97		30-130	11		50
2,4-Dimethylphenol	74		82		30-130	10		50
2-Nitrophenol	83		98		30-130	17		50
4-Nitrophenol	93		103		11-114	10		50
2,4-Dinitrophenol	88		94		4-130	7		50
4,6-Dinitro-o-cresol	105		111		10-130	6		50
Pentachlorophenol	107		120	Q	17-109	11		50
Phenol	81		94	Q	26-90	15		50
2-Methylphenol	84		97		30-130	14		50
3-Methylphenol/4-Methylphenol	92		105		30-130	13		50
2,4,5-Trichlorophenol	91		102		30-130	11		50
Benzoic Acid	49		55		10-110	12		50
Benzyl Alcohol	83		96		40-140	15		50
Carbazole	81		90		54-128	11		50

Lab Control Sample Analysis

Batch Quality Control

Project Name: SUN VALLEY
Project Number: 12060 / PHASE 8

Lab Number: L2353060
Report Date: 09/19/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01,03,05,07,09,11 Batch: WG1827186-2 WG1827186-3								
1,4-Dioxane	61		68		40-140	11		50

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	85		103		25-120
Phenol-d6	84		96		10-120
Nitrobenzene-d5	76		90		23-120
2-Fluorobiphenyl	80		89		30-120
2,4,6-Tribromophenol	102		114		10-136
4-Terphenyl-d14	79		84		18-120

PETROLEUM HYDROCARBONS

Project Name: SUN VALLEY
Project Number: 12060 / PHASE 8

Lab Number: L2353060
Report Date: 09/19/23

SAMPLE RESULTS

Lab ID: L2353060-01
 Client ID: COMP_A3(0-7)
 Sample Location: OSSINING NY

Date Collected: 09/12/23 11:15
 Date Received: 09/12/23
 Field Prep: Not Specified

Sample Depth:
 Matrix: Soil
 Analytical Method: 103,NJDEP EPH
 Analytical Date: 09/14/23 20:35
 Analyst: SC
 Percent Solids: 92%

Extraction Method: EPA 3546
 Extraction Date: 09/13/23 18:20

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
NJ Extractable Petroleum Hydrocarbons (Total) - Westborough Lab						
Total EPH	ND		mg/kg	25.0	25.0	1
Surrogate	% Recovery		Qualifier	Acceptance Criteria		
Chloro-Octadecane	58			40-140		
o-Terphenyl	60			40-140		

Project Name: SUN VALLEY
Project Number: 12060 / PHASE 8

Lab Number: L2353060
Report Date: 09/19/23

SAMPLE RESULTS

Lab ID: L2353060-03
Client ID: COMP_A3(7-14)
Sample Location: OSSINING NY

Date Collected: 09/12/23 11:30
Date Received: 09/12/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 103,NJDEP EPH
Analytical Date: 09/14/23 21:11
Analyst: SC
Percent Solids: 95%

Extraction Method: EPA 3546
Extraction Date: 09/13/23 18:20

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
NJ Extractable Petroleum Hydrocarbons (Total) - Westborough Lab						
Total EPH	ND		mg/kg	24.8	24.8	1
Surrogate	% Recovery		Qualifier	Acceptance Criteria		
Chloro-Octadecane	63			40-140		
o-Terphenyl	64			40-140		

Project Name: SUN VALLEY
Project Number: 12060 / PHASE 8

Lab Number: L2353060
Report Date: 09/19/23

SAMPLE RESULTS

Lab ID: L2353060-05
Client ID: COMP_A3(14-25)
Sample Location: OSSINING NY

Date Collected: 09/12/23 11:45
Date Received: 09/12/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 103,NJDEP EPH
Analytical Date: 09/14/23 21:46
Analyst: SC
Percent Solids: 78%

Extraction Method: EPA 3546
Extraction Date: 09/13/23 18:20

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
NJ Extractable Petroleum Hydrocarbons (Total) - Westborough Lab						
Total EPH	ND		mg/kg	30.4	30.4	1
Surrogate	% Recovery		Qualifier	Acceptance Criteria		
Chloro-Octadecane	61			40-140		
o-Terphenyl	62			40-140		

Project Name: SUN VALLEY
Project Number: 12060 / PHASE 8

Lab Number: L2353060
Report Date: 09/19/23

SAMPLE RESULTS

Lab ID: L2353060-07
 Client ID: COMP_B3(0-7)
 Sample Location: OSSINING NY

Date Collected: 09/12/23 12:45
 Date Received: 09/12/23
 Field Prep: Not Specified

Sample Depth:
 Matrix: Soil
 Analytical Method: 103,NJDEP EPH
 Analytical Date: 09/14/23 22:56
 Analyst: SC
 Percent Solids: 93%

Extraction Method: EPA 3546
 Extraction Date: 09/13/23 18:20

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
NJ Extractable Petroleum Hydrocarbons (Total) - Westborough Lab						
Total EPH	ND		mg/kg	25.4	25.4	1
Surrogate	% Recovery		Qualifier	Acceptance Criteria		
Chloro-Octadecane	57			40-140		
o-Terphenyl	58			40-140		

Project Name: SUN VALLEY
Project Number: 12060 / PHASE 8

Lab Number: L2353060
Report Date: 09/19/23

SAMPLE RESULTS

Lab ID: L2353060-09
 Client ID: COMP_C3(0-9)
 Sample Location: OSSINING NY

Date Collected: 09/12/23 14:45
 Date Received: 09/12/23
 Field Prep: Not Specified

Sample Depth:
 Matrix: Soil
 Analytical Method: 103,NJDEP EPH
 Analytical Date: 09/15/23 02:28
 Analyst: SC
 Percent Solids: 92%

Extraction Method: EPA 3546
 Extraction Date: 09/13/23 18:20

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
NJ Extractable Petroleum Hydrocarbons (Total) - Westborough Lab						
Total EPH	34.4		mg/kg	25.5	25.5	1
Surrogate	% Recovery		Qualifier	Acceptance Criteria		
Chloro-Octadecane	63			40-140		
o-Terphenyl	64			40-140		

Project Name: SUN VALLEY
Project Number: 12060 / PHASE 8

Lab Number: L2353060
Report Date: 09/19/23

SAMPLE RESULTS

Lab ID: L2353060-11
Client ID: COMP_B3(7-15)
Sample Location: OSSINING NY

Date Collected: 09/12/23 13:15
Date Received: 09/12/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 103,NJDEP EPH
Analytical Date: 09/14/23 20:35
Analyst: SC
Percent Solids: 90%

Extraction Method: EPA 3546
Extraction Date: 09/13/23 18:20

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
NJ Extractable Petroleum Hydrocarbons (Total) - Westborough Lab						
Total EPH	ND		mg/kg	26.0	26.0	1
Surrogate	% Recovery		Qualifier	Acceptance Criteria		
Chloro-Octadecane	67			40-140		
o-Terphenyl	67			40-140		

Project Name: SUN VALLEY
Project Number: 12060 / PHASE 8

Lab Number: L2353060
Report Date: 09/19/23

Method Blank Analysis Batch Quality Control

Analytical Method: 103,NJDEP EPH
Analytical Date: 09/14/23 09:33
Analyst: ALL

Extraction Method: EPA 3546
Extraction Date: 09/13/23 14:46

Parameter	Result	Qualifier	Units	RL	MDL
NJ Extractable Petroleum Hydrocarbons (Total) - Westborough Lab for sample(s): 01,03,05,07,09,11 Batch: WG1827096-1					
Total EPH	ND		mg/kg	23.6	23.6

Surrogate	%Recovery	Qualifier	Acceptance Criteria
Chloro-Octadecane	77		40-140
o-Terphenyl	78		40-140

Lab Control Sample Analysis

Batch Quality Control

Project Name: SUN VALLEY
Project Number: 12060 / PHASE 8

Lab Number: L2353060
Report Date: 09/19/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
NJ Extractable Petroleum Hydrocarbons (Total) - Westborough Lab Associated sample(s): 01,03,05,07,09,11 Batch: WG1827096-2 WG1827096-3								
Total EPH	94		96		40-140	2		25
Nonane (C9)	98		96		40-140	2		25
Decane (C10)	97		95		40-140	2		25
Dodecane (C12)	92		91		40-140	1		25
Tetradecane (C14)	88		87		40-140	1		25
Hexadecane (C16)	85		86		40-140	1		25
Octadecane (C18)	88		91		40-140	3		25
Eicosane (C20)	81		84		40-140	4		25
Heneicosane (C21)	83		86		40-140	4		25
Docosane (C22)	83		86		40-140	4		25
Tetracosane (C24)	83		86		40-140	4		25
Hexacosane (C26)	82		85		40-140	4		25
Octacosane (C28)	83		85		40-140	2		25
triacontane (C30)	83		85		40-140	2		25
Dotriacontane (C32)	84		87		40-140	4		25
Tetratriacontane (C34)	82		85		40-140	4		25
Hexatriacontane (C36)	84		87		40-140	4		25
Octatriacontane (C38)	81		85		40-140	5		25
Tetracontane (C40)	82		87		40-140	6		25

Lab Control Sample Analysis Batch Quality Control

Project Name: SUN VALLEY
Project Number: 12060 / PHASE 8

Lab Number: L2353060
Report Date: 09/19/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
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NJ Extractable Petroleum Hydrocarbons (Total) - Westborough Lab Associated sample(s): 01,03,05,07,09,11 Batch: WG1827096-2 WG1827096-3

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
Chloro-Octadecane	78		80		40-140
o-Terphenyl	79		80		40-140

Matrix Spike Analysis

Batch Quality Control

Project Name: SUN VALLEY
Project Number: 12060 / PHASE 8

Lab Number: L2353060
Report Date: 09/19/23

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
NJ Extractable Petroleum Hydrocarbons (Total) - Westborough Lab 15 Client ID: MS Sample Associated sample(s): 01,03,05,07,09,11 QC Batch ID: WG1827096-4 QC Sample: L2350800-												
Total EPH	ND	257	264	103		-	-		40-140	-		50
Nonane (C9)	ND	7.14	6.97	98		-	-		40-140	-		50
Decane (C10)	ND	7.14	6.95	97		-	-		40-140	-		50
Dodecane (C12)	ND	7.14	6.72	94		-	-		40-140	-		50
Tetradecane (C14)	ND	7.14	6.52	91		-	-		40-140	-		50
Hexadecane (C16)	ND	7.14	6.46	91		-	-		40-140	-		50
Octadecane (C18)	ND	7.14	6.74	94		-	-		40-140	-		50
Eicosane (C20)	ND	7.14	6.27	88		-	-		40-140	-		50
Heneicosane (C21)	ND	7.14	6.47	91		-	-		40-140	-		50
Docosane (C22)	ND	7.14	6.44	90		-	-		40-140	-		50
Tetracosane (C24)	ND	7.14	6.45	90		-	-		40-140	-		50
Hexacosane (C26)	ND	7.14	6.41	90		-	-		40-140	-		50
Octacosane (C28)	ND	7.14	6.52	91		-	-		40-140	-		50
triacontane (C30)	ND	7.14	6.43	90		-	-		40-140	-		50
Dotriacontane (C32)	ND	7.14	6.57	92		-	-		40-140	-		50
Tetratriacontane (C34)	ND	7.14	6.44	90		-	-		40-140	-		50
Hexatriacontane (C36)	ND	7.14	6.54	92		-	-		40-140	-		50
Octatriacontane (C38)	ND	7.14	6.41	90		-	-		40-140	-		50
Tetracontane (C40)	ND	7.14	6.62	93		-	-		40-140	-		50

Surrogate	MS % Recovery	MS Qualifier	MSD % Recovery	MSD Qualifier	Acceptance Criteria
Chloro-Octadecane	85				40-140

Matrix Spike Analysis**Batch Quality Control**

Project Name: SUN VALLEY
Project Number: 12060 / PHASE 8

Lab Number: L2353060
Report Date: 09/19/23

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
NJ Extractable Petroleum Hydrocarbons (Total) - Westborough Lab 15 Client ID: MS Sample												
Associated sample(s): 01,03,05,07,09,11 QC Batch ID: WG1827096-4 QC Sample: L2350800-												

Surrogate	MS % Recovery	MS Qualifier	MSD % Recovery	MSD Qualifier	Acceptance Criteria
o-Terphenyl	84				40-140

Lab Duplicate Analysis
Batch Quality Control

Project Name: SUN VALLEY
Project Number: 12060 / PHASE 8

Lab Number: L2353060
Report Date: 09/19/23

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
NJ Extractable Petroleum Hydrocarbons (Total) - Westborough Lab Associated sample(s): 01,03,05,07,09,11 QC Batch ID: WG1827096-5 QC Sample: L2350800-15 Client ID: DUP Sample						
Total EPH	ND	ND	mg/kg	NC		50

Surrogate	%Recovery	Qualifier	%Recovery	Qualifier	Acceptance Criteria
Chloro-Octadecane	84		84		40-140
o-Terphenyl	84		83		40-140



PCBS

Project Name: SUN VALLEY
Project Number: 12060 / PHASE 8

Lab Number: L2353060
Report Date: 09/19/23

SAMPLE RESULTS

Lab ID: L2353060-01
Client ID: COMP_A3(0-7)
Sample Location: OSSINING NY

Date Collected: 09/12/23 11:15
Date Received: 09/12/23
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 09/15/23 14:06
Analyst: MEO
Percent Solids: 92%

Extraction Method: EPA 3546
Extraction Date: 09/13/23 18:08
Cleanup Method: EPA 3665A
Cleanup Date: 09/15/23
Cleanup Method: EPA 3660B
Cleanup Date: 09/15/23

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	54.3	4.82	1	A
Aroclor 1221	ND		ug/kg	54.3	5.44	1	A
Aroclor 1232	ND		ug/kg	54.3	11.5	1	A
Aroclor 1242	ND		ug/kg	54.3	7.32	1	A
Aroclor 1248	ND		ug/kg	54.3	8.15	1	A
Aroclor 1254	ND		ug/kg	54.3	5.94	1	A
Aroclor 1260	ND		ug/kg	54.3	10.0	1	A
Aroclor 1262	ND		ug/kg	54.3	6.90	1	A
Aroclor 1268	ND		ug/kg	54.3	5.63	1	A
PCBs, Total	ND		ug/kg	54.3	4.82	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	70		30-150	A
Decachlorobiphenyl	66		30-150	A
2,4,5,6-Tetrachloro-m-xylene	72		30-150	B
Decachlorobiphenyl	68		30-150	B

Project Name: SUN VALLEY
Project Number: 12060 / PHASE 8

Lab Number: L2353060
Report Date: 09/19/23

SAMPLE RESULTS

Lab ID: L2353060-03
Client ID: COMP_A3(7-14)
Sample Location: OSSINING NY

Date Collected: 09/12/23 11:30
Date Received: 09/12/23
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 09/15/23 14:14
Analyst: MEO
Percent Solids: 95%

Extraction Method: EPA 3546
Extraction Date: 09/13/23 18:08
Cleanup Method: EPA 3665A
Cleanup Date: 09/15/23
Cleanup Method: EPA 3660B
Cleanup Date: 09/15/23

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	48.1	4.28	1	A
Aroclor 1221	ND		ug/kg	48.1	4.82	1	A
Aroclor 1232	ND		ug/kg	48.1	10.2	1	A
Aroclor 1242	ND		ug/kg	48.1	6.49	1	A
Aroclor 1248	ND		ug/kg	48.1	7.22	1	A
Aroclor 1254	ND		ug/kg	48.1	5.27	1	A
Aroclor 1260	ND		ug/kg	48.1	8.90	1	A
Aroclor 1262	ND		ug/kg	48.1	6.11	1	A
Aroclor 1268	ND		ug/kg	48.1	4.99	1	A
PCBs, Total	ND		ug/kg	48.1	4.28	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	71		30-150	A
Decachlorobiphenyl	68		30-150	A
2,4,5,6-Tetrachloro-m-xylene	75		30-150	B
Decachlorobiphenyl	70		30-150	B

Project Name: SUN VALLEY
Project Number: 12060 / PHASE 8

Lab Number: L2353060
Report Date: 09/19/23

SAMPLE RESULTS

Lab ID: L2353060-05
Client ID: COMP_A3(14-25)
Sample Location: OSSINING NY

Date Collected: 09/12/23 11:45
Date Received: 09/12/23
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 09/15/23 14:23
Analyst: MEO
Percent Solids: 78%

Extraction Method: EPA 3546
Extraction Date: 09/13/23 18:08
Cleanup Method: EPA 3665A
Cleanup Date: 09/15/23
Cleanup Method: EPA 3660B
Cleanup Date: 09/15/23

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	61.3	5.44	1	A
Aroclor 1221	ND		ug/kg	61.3	6.14	1	A
Aroclor 1232	ND		ug/kg	61.3	13.0	1	A
Aroclor 1242	ND		ug/kg	61.3	8.26	1	A
Aroclor 1248	ND		ug/kg	61.3	9.20	1	A
Aroclor 1254	ND		ug/kg	61.3	6.71	1	A
Aroclor 1260	ND		ug/kg	61.3	11.3	1	A
Aroclor 1262	ND		ug/kg	61.3	7.78	1	A
Aroclor 1268	ND		ug/kg	61.3	6.35	1	A
PCBs, Total	ND		ug/kg	61.3	5.44	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	71		30-150	A
Decachlorobiphenyl	67		30-150	A
2,4,5,6-Tetrachloro-m-xylene	72		30-150	B
Decachlorobiphenyl	67		30-150	B

Project Name: SUN VALLEY
Project Number: 12060 / PHASE 8

Lab Number: L2353060
Report Date: 09/19/23

SAMPLE RESULTS

Lab ID: L2353060-07
Client ID: COMP_B3(0-7)
Sample Location: OSSINING NY

Date Collected: 09/12/23 12:45
Date Received: 09/12/23
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 09/15/23 14:31
Analyst: MEO
Percent Solids: 93%

Extraction Method: EPA 3546
Extraction Date: 09/13/23 18:08
Cleanup Method: EPA 3665A
Cleanup Date: 09/15/23
Cleanup Method: EPA 3660B
Cleanup Date: 09/15/23

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	50.2	4.46	1	A
Aroclor 1221	ND		ug/kg	50.2	5.03	1	A
Aroclor 1232	ND		ug/kg	50.2	10.6	1	A
Aroclor 1242	ND		ug/kg	50.2	6.76	1	A
Aroclor 1248	ND		ug/kg	50.2	7.53	1	A
Aroclor 1254	ND		ug/kg	50.2	5.49	1	A
Aroclor 1260	ND		ug/kg	50.2	9.27	1	A
Aroclor 1262	ND		ug/kg	50.2	6.37	1	A
Aroclor 1268	ND		ug/kg	50.2	5.20	1	A
PCBs, Total	ND		ug/kg	50.2	4.46	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	65		30-150	A
Decachlorobiphenyl	62		30-150	A
2,4,5,6-Tetrachloro-m-xylene	67		30-150	B
Decachlorobiphenyl	64		30-150	B

Project Name: SUN VALLEY
Project Number: 12060 / PHASE 8

Lab Number: L2353060
Report Date: 09/19/23

SAMPLE RESULTS

Lab ID: L2353060-09
Client ID: COMP_C3(0-9)
Sample Location: OSSINING NY

Date Collected: 09/12/23 14:45
Date Received: 09/12/23
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 09/15/23 14:40
Analyst: MEO
Percent Solids: 92%

Extraction Method: EPA 3546
Extraction Date: 09/13/23 18:08
Cleanup Method: EPA 3665A
Cleanup Date: 09/15/23
Cleanup Method: EPA 3660B
Cleanup Date: 09/15/23

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	51.5	4.58	1	A
Aroclor 1221	ND		ug/kg	51.5	5.16	1	A
Aroclor 1232	ND		ug/kg	51.5	10.9	1	A
Aroclor 1242	ND		ug/kg	51.5	6.95	1	A
Aroclor 1248	ND		ug/kg	51.5	7.73	1	A
Aroclor 1254	ND		ug/kg	51.5	5.64	1	A
Aroclor 1260	ND		ug/kg	51.5	9.52	1	A
Aroclor 1262	ND		ug/kg	51.5	6.54	1	A
Aroclor 1268	ND		ug/kg	51.5	5.34	1	A
PCBs, Total	ND		ug/kg	51.5	4.58	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	62		30-150	A
Decachlorobiphenyl	61		30-150	A
2,4,5,6-Tetrachloro-m-xylene	63		30-150	B
Decachlorobiphenyl	61		30-150	B

Project Name: SUN VALLEY
Project Number: 12060 / PHASE 8

Lab Number: L2353060
Report Date: 09/19/23

SAMPLE RESULTS

Lab ID: L2353060-11
Client ID: COMP_B3(7-15)
Sample Location: OSSINING NY

Date Collected: 09/12/23 13:15
Date Received: 09/12/23
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 09/15/23 14:48
Analyst: MEO
Percent Solids: 90%

Extraction Method: EPA 3546
Extraction Date: 09/13/23 18:08
Cleanup Method: EPA 3665A
Cleanup Date: 09/15/23
Cleanup Method: EPA 3660B
Cleanup Date: 09/15/23

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	52.0	4.61	1	A
Aroclor 1221	ND		ug/kg	52.0	5.21	1	A
Aroclor 1232	ND		ug/kg	52.0	11.0	1	A
Aroclor 1242	ND		ug/kg	52.0	7.00	1	A
Aroclor 1248	ND		ug/kg	52.0	7.80	1	A
Aroclor 1254	ND		ug/kg	52.0	5.68	1	A
Aroclor 1260	ND		ug/kg	52.0	9.60	1	A
Aroclor 1262	ND		ug/kg	52.0	6.60	1	A
Aroclor 1268	ND		ug/kg	52.0	5.38	1	A
PCBs, Total	ND		ug/kg	52.0	4.61	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	68		30-150	A
Decachlorobiphenyl	64		30-150	A
2,4,5,6-Tetrachloro-m-xylene	70		30-150	B
Decachlorobiphenyl	66		30-150	B

Project Name: SUN VALLEY
Project Number: 12060 / PHASE 8

Lab Number: L2353060
Report Date: 09/19/23

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8082A
Analytical Date: 09/13/23 09:51
Analyst: MEO

Extraction Method: EPA 3546
Extraction Date: 09/13/23 04:29
Cleanup Method: EPA 3665A
Cleanup Date: 09/13/23
Cleanup Method: EPA 3660B
Cleanup Date: 09/13/23

Parameter	Result	Qualifier	Units	RL	MDL	Column
Polychlorinated Biphenyls by GC - Westborough Lab for sample(s): 01,03,05,07,09,11 Batch: WG1826793-1						
Aroclor 1016	ND		ug/kg	48.8	4.34	A
Aroclor 1221	ND		ug/kg	48.8	4.89	A
Aroclor 1232	ND		ug/kg	48.8	10.4	A
Aroclor 1242	ND		ug/kg	48.8	6.58	A
Aroclor 1248	ND		ug/kg	48.8	7.32	A
Aroclor 1254	ND		ug/kg	48.8	5.34	A
Aroclor 1260	ND		ug/kg	48.8	9.02	A
Aroclor 1262	ND		ug/kg	48.8	6.20	A
Aroclor 1268	ND		ug/kg	48.8	5.06	A
PCBs, Total	ND		ug/kg	48.8	4.34	A

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	67		30-150	A
Decachlorobiphenyl	64		30-150	A
2,4,5,6-Tetrachloro-m-xylene	68		30-150	B
Decachlorobiphenyl	66		30-150	B

Lab Control Sample Analysis

Batch Quality Control

Project Name: SUN VALLEY
Project Number: 12060 / PHASE 8

Lab Number: L2353060
Report Date: 09/19/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Polychlorinated Biphenyls by GC - Westborough Lab Associated sample(s): 01,03,05,07,09,11 Batch: WG1826793-2 WG1826793-3									
Aroclor 1016	63		67		40-140	6		50	A
Aroclor 1260	56		58		40-140	4		50	A

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	62		65		30-150	A
Decachlorobiphenyl	59		62		30-150	A
2,4,5,6-Tetrachloro-m-xylene	62		65		30-150	B
Decachlorobiphenyl	58		60		30-150	B

PESTICIDES

Project Name: SUN VALLEY
Project Number: 12060 / PHASE 8

Lab Number: L2353060
Report Date: 09/19/23

SAMPLE RESULTS

Lab ID: L2353060-01
Client ID: COMP_A3(0-7)
Sample Location: OSSINING NY

Date Collected: 09/12/23 11:15
Date Received: 09/12/23
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 09/15/23 17:35
Analyst: EJJ
Percent Solids: 92%

Extraction Method: EPA 3546
Extraction Date: 09/13/23 16:38
Cleanup Method: EPA 3620B
Cleanup Date: 09/15/23
Cleanup Method: EPA 3660B
Cleanup Date: 09/15/23

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.64	0.322	1	A
Lindane	ND		ug/kg	0.686	0.306	1	A
Alpha-BHC	ND		ug/kg	0.686	0.195	1	A
Beta-BHC	ND		ug/kg	1.64	0.624	1	A
Heptachlor	ND		ug/kg	0.823	0.369	1	A
Aldrin	ND		ug/kg	1.64	0.579	1	A
Heptachlor epoxide	ND		ug/kg	3.08	0.926	1	A
Endrin	ND		ug/kg	0.686	0.281	1	A
Endrin aldehyde	ND		ug/kg	2.06	0.720	1	A
Endrin ketone	ND		ug/kg	1.64	0.424	1	A
Dieldrin	ND		ug/kg	1.03	0.514	1	A
4,4'-DDE	ND		ug/kg	1.64	0.380	1	A
4,4'-DDD	ND		ug/kg	1.64	0.587	1	A
4,4'-DDT	ND		ug/kg	1.64	1.32	1	A
Endosulfan I	ND		ug/kg	1.64	0.389	1	A
Endosulfan II	ND		ug/kg	1.64	0.550	1	A
Endosulfan sulfate	ND		ug/kg	0.686	0.326	1	A
Methoxychlor	ND		ug/kg	3.08	0.960	1	A
Toxaphene	ND		ug/kg	30.8	8.64	1	A
cis-Chlordane	ND		ug/kg	2.06	0.573	1	A
trans-Chlordane	ND		ug/kg	2.06	0.543	1	A
Chlordane	ND		ug/kg	13.7	5.45	1	A

Project Name: SUN VALLEY
Project Number: 12060 / PHASE 8

Lab Number: L2353060
Report Date: 09/19/23

SAMPLE RESULTS

Lab ID: L2353060-01
Client ID: COMP_A3(0-7)
Sample Location: OSSINING NY

Date Collected: 09/12/23 11:15
Date Received: 09/12/23
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	73		30-150	A
Decachlorobiphenyl	84		30-150	A
2,4,5,6-Tetrachloro-m-xylene	81		30-150	B
Decachlorobiphenyl	82		30-150	B

Project Name: SUN VALLEY
Project Number: 12060 / PHASE 8

Lab Number: L2353060
Report Date: 09/19/23

SAMPLE RESULTS

Lab ID: L2353060-01
Client ID: COMP_A3(0-7)
Sample Location: OSSINING NY

Date Collected: 09/12/23 11:15
Date Received: 09/12/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8151A
Analytical Date: 09/14/23 13:10
Analyst: MMG
Percent Solids: 92%
Methylation Date: 09/14/23 09:10

Extraction Method: EPA 8151A
Extraction Date: 09/13/23 13:00

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
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Chlorinated Herbicides by GC - Westborough Lab

2,4-D	ND		ug/kg	180	11.4	1	A
2,4,5-T	ND		ug/kg	180	5.59	1	A
2,4,5-TP (Silvex)	ND		ug/kg	180	4.80	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
DCAA	101		30-150	A
DCAA	103		30-150	B

Project Name: SUN VALLEY
Project Number: 12060 / PHASE 8

Lab Number: L2353060
Report Date: 09/19/23

SAMPLE RESULTS

Lab ID: L2353060-03
Client ID: COMP_A3(7-14)
Sample Location: OSSINING NY

Date Collected: 09/12/23 11:30
Date Received: 09/12/23
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 09/15/23 17:46
Analyst: EJJ
Percent Solids: 95%

Extraction Method: EPA 3546
Extraction Date: 09/13/23 16:38
Cleanup Method: EPA 3620B
Cleanup Date: 09/15/23
Cleanup Method: EPA 3660B
Cleanup Date: 09/15/23

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.68	0.329	1	A
Lindane	ND		ug/kg	0.699	0.312	1	A
Alpha-BHC	ND		ug/kg	0.699	0.198	1	A
Beta-BHC	ND		ug/kg	1.68	0.636	1	A
Heptachlor	ND		ug/kg	0.839	0.376	1	A
Aldrin	ND		ug/kg	1.68	0.591	1	A
Heptachlor epoxide	ND		ug/kg	3.15	0.944	1	A
Endrin	ND		ug/kg	0.699	0.287	1	A
Endrin aldehyde	ND		ug/kg	2.10	0.734	1	A
Endrin ketone	ND		ug/kg	1.68	0.432	1	A
Dieldrin	ND		ug/kg	1.05	0.524	1	A
4,4'-DDE	ND		ug/kg	1.68	0.388	1	A
4,4'-DDD	ND		ug/kg	1.68	0.598	1	A
4,4'-DDT	ND		ug/kg	1.68	1.35	1	A
Endosulfan I	ND		ug/kg	1.68	0.396	1	A
Endosulfan II	ND		ug/kg	1.68	0.561	1	A
Endosulfan sulfate	ND		ug/kg	0.699	0.333	1	A
Methoxychlor	ND		ug/kg	3.15	0.979	1	A
Toxaphene	ND		ug/kg	31.5	8.81	1	A
cis-Chlordane	ND		ug/kg	2.10	0.584	1	A
trans-Chlordane	ND		ug/kg	2.10	0.554	1	A
Chlordane	ND		ug/kg	14.0	5.56	1	A

Project Name: SUN VALLEY
Project Number: 12060 / PHASE 8

Lab Number: L2353060
Report Date: 09/19/23

SAMPLE RESULTS

Lab ID: L2353060-03
Client ID: COMP_A3(7-14)
Sample Location: OSSINING NY

Date Collected: 09/12/23 11:30
Date Received: 09/12/23
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	71		30-150	A
Decachlorobiphenyl	87		30-150	A
2,4,5,6-Tetrachloro-m-xylene	77		30-150	B
Decachlorobiphenyl	84		30-150	B

Project Name: SUN VALLEY
Project Number: 12060 / PHASE 8

Lab Number: L2353060
Report Date: 09/19/23

SAMPLE RESULTS

Lab ID: L2353060-03
Client ID: COMP_A3(7-14)
Sample Location: OSSINING NY

Date Collected: 09/12/23 11:30
Date Received: 09/12/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8151A
Analytical Date: 09/14/23 13:29
Analyst: MMG
Percent Solids: 95%
Methylation Date: 09/14/23 09:10

Extraction Method: EPA 8151A
Extraction Date: 09/13/23 13:00

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
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Chlorinated Herbicides by GC - Westborough Lab

2,4-D	ND		ug/kg	172	10.8	1	A
2,4,5-T	ND		ug/kg	172	5.33	1	A
2,4,5-TP (Silvex)	ND		ug/kg	172	4.57	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
DCAA	96		30-150	A
DCAA	97		30-150	B

Project Name: SUN VALLEY
Project Number: 12060 / PHASE 8

Lab Number: L2353060
Report Date: 09/19/23

SAMPLE RESULTS

Lab ID: L2353060-05
Client ID: COMP_A3(14-25)
Sample Location: OSSINING NY

Date Collected: 09/12/23 11:45
Date Received: 09/12/23
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 09/15/23 17:57
Analyst: EJL
Percent Solids: 78%

Extraction Method: EPA 3546
Extraction Date: 09/13/23 16:39
Cleanup Method: EPA 3620B
Cleanup Date: 09/15/23
Cleanup Method: EPA 3660B
Cleanup Date: 09/15/23

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.98	0.388	1	A
Lindane	ND		ug/kg	0.827	0.369	1	A
Alpha-BHC	ND		ug/kg	0.827	0.235	1	A
Beta-BHC	ND		ug/kg	1.98	0.752	1	A
Heptachlor	ND		ug/kg	0.992	0.445	1	A
Aldrin	ND		ug/kg	1.98	0.698	1	A
Heptachlor epoxide	ND		ug/kg	3.72	1.12	1	A
Endrin	ND		ug/kg	0.827	0.339	1	A
Endrin aldehyde	ND		ug/kg	2.48	0.868	1	A
Endrin ketone	ND		ug/kg	1.98	0.511	1	A
Dieldrin	ND		ug/kg	1.24	0.620	1	A
4,4'-DDE	ND		ug/kg	1.98	0.459	1	A
4,4'-DDD	ND		ug/kg	1.98	0.708	1	A
4,4'-DDT	ND		ug/kg	1.98	1.60	1	A
Endosulfan I	ND		ug/kg	1.98	0.469	1	A
Endosulfan II	ND		ug/kg	1.98	0.663	1	A
Endosulfan sulfate	ND		ug/kg	0.827	0.393	1	A
Methoxychlor	ND		ug/kg	3.72	1.16	1	A
Toxaphene	ND		ug/kg	37.2	10.4	1	A
cis-Chlordane	ND		ug/kg	2.48	0.691	1	A
trans-Chlordane	ND		ug/kg	2.48	0.655	1	A
Chlordane	ND		ug/kg	16.5	6.57	1	A

Project Name: SUN VALLEY
Project Number: 12060 / PHASE 8

Lab Number: L2353060
Report Date: 09/19/23

SAMPLE RESULTS

Lab ID: L2353060-05
Client ID: COMP_A3(14-25)
Sample Location: OSSINING NY

Date Collected: 09/12/23 11:45
Date Received: 09/12/23
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
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Organochlorine Pesticides by GC - Westborough Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	70		30-150	A
Decachlorobiphenyl	82		30-150	A
2,4,5,6-Tetrachloro-m-xylene	74		30-150	B
Decachlorobiphenyl	79		30-150	B

Project Name: SUN VALLEY
Project Number: 12060 / PHASE 8

Lab Number: L2353060
Report Date: 09/19/23

SAMPLE RESULTS

Lab ID: L2353060-05
Client ID: COMP_A3(14-25)
Sample Location: OSSINING NY

Date Collected: 09/12/23 11:45
Date Received: 09/12/23
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8151A
Analytical Date: 09/14/23 13:47
Analyst: MMG
Percent Solids: 78%
Methylation Date: 09/14/23 09:10

Extraction Method: EPA 8151A
Extraction Date: 09/13/23 13:00

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
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Chlorinated Herbicides by GC - Westborough Lab

2,4-D	ND		ug/kg	210	13.2	1	A
2,4,5-T	ND		ug/kg	210	6.51	1	A
2,4,5-TP (Silvex)	ND		ug/kg	210	5.59	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
DCAA	94		30-150	A
DCAA	98		30-150	B

Project Name: SUN VALLEY
Project Number: 12060 / PHASE 8

Lab Number: L2353060
Report Date: 09/19/23

SAMPLE RESULTS

Lab ID: L2353060-07
Client ID: COMP_B3(0-7)
Sample Location: OSSINING NY

Date Collected: 09/12/23 12:45
Date Received: 09/12/23
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 09/15/23 18:08
Analyst: EJL
Percent Solids: 93%

Extraction Method: EPA 3546
Extraction Date: 09/13/23 16:39
Cleanup Method: EPA 3620B
Cleanup Date: 09/15/23
Cleanup Method: EPA 3660B
Cleanup Date: 09/15/23

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.70	0.333	1	A
Lindane	ND		ug/kg	0.708	0.316	1	A
Alpha-BHC	ND		ug/kg	0.708	0.201	1	A
Beta-BHC	ND		ug/kg	1.70	0.644	1	A
Heptachlor	ND		ug/kg	0.850	0.381	1	A
Aldrin	ND		ug/kg	1.70	0.598	1	A
Heptachlor epoxide	ND		ug/kg	3.19	0.956	1	A
Endrin	ND		ug/kg	0.708	0.290	1	A
Endrin aldehyde	ND		ug/kg	2.12	0.744	1	A
Endrin ketone	ND		ug/kg	1.70	0.438	1	A
Dieldrin	ND		ug/kg	1.06	0.531	1	A
4,4'-DDE	ND		ug/kg	1.70	0.393	1	A
4,4'-DDD	ND		ug/kg	1.70	0.606	1	A
4,4'-DDT	ND		ug/kg	1.70	1.37	1	A
Endosulfan I	ND		ug/kg	1.70	0.402	1	A
Endosulfan II	ND		ug/kg	1.70	0.568	1	A
Endosulfan sulfate	ND		ug/kg	0.708	0.337	1	A
Methoxychlor	ND		ug/kg	3.19	0.992	1	A
Toxaphene	ND		ug/kg	31.9	8.92	1	A
cis-Chlordane	ND		ug/kg	2.12	0.592	1	B
trans-Chlordane	ND	IP	ug/kg	2.12	0.561	1	B
Chlordane	ND		ug/kg	14.2	5.63	1	A

Project Name: SUN VALLEY
Project Number: 12060 / PHASE 8

Lab Number: L2353060
Report Date: 09/19/23

SAMPLE RESULTS

Lab ID: L2353060-07
Client ID: COMP_B3(0-7)
Sample Location: OSSINING NY

Date Collected: 09/12/23 12:45
Date Received: 09/12/23
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
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Organochlorine Pesticides by GC - Westborough Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	78		30-150	A
Decachlorobiphenyl	90		30-150	A
2,4,5,6-Tetrachloro-m-xylene	87		30-150	B
Decachlorobiphenyl	88		30-150	B

Project Name: SUN VALLEY
Project Number: 12060 / PHASE 8

Lab Number: L2353060
Report Date: 09/19/23

SAMPLE RESULTS

Lab ID: L2353060-07
Client ID: COMP_B3(0-7)
Sample Location: OSSINING NY

Date Collected: 09/12/23 12:45
Date Received: 09/12/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8151A
Analytical Date: 09/14/23 14:05
Analyst: MMG
Percent Solids: 93%
Methylation Date: 09/14/23 09:10

Extraction Method: EPA 8151A
Extraction Date: 09/13/23 13:00

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
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Chlorinated Herbicides by GC - Westborough Lab

2,4-D	ND		ug/kg	175	11.0	1	A
2,4,5-T	ND		ug/kg	175	5.42	1	A
2,4,5-TP (Silvex)	ND		ug/kg	175	4.65	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
DCAA	108		30-150	A
DCAA	108		30-150	B

Project Name: SUN VALLEY
Project Number: 12060 / PHASE 8

Lab Number: L2353060
Report Date: 09/19/23

SAMPLE RESULTS

Lab ID: L2353060-09
Client ID: COMP_C3(0-9)
Sample Location: OSSINING NY

Date Collected: 09/12/23 14:45
Date Received: 09/12/23
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 09/15/23 18:19
Analyst: EJL
Percent Solids: 92%

Extraction Method: EPA 3546
Extraction Date: 09/13/23 16:39
Cleanup Method: EPA 3620B
Cleanup Date: 09/15/23
Cleanup Method: EPA 3660B
Cleanup Date: 09/15/23

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.68	0.330	1	A
Lindane	ND		ug/kg	0.701	0.313	1	A
Alpha-BHC	ND		ug/kg	0.701	0.199	1	A
Beta-BHC	ND		ug/kg	1.68	0.638	1	A
Heptachlor	ND		ug/kg	0.841	0.377	1	A
Aldrin	ND		ug/kg	1.68	0.592	1	A
Heptachlor epoxide	ND		ug/kg	3.16	0.947	1	A
Endrin	ND		ug/kg	0.701	0.288	1	A
Endrin aldehyde	ND		ug/kg	2.10	0.736	1	A
Endrin ketone	ND		ug/kg	1.68	0.433	1	A
Dieldrin	ND		ug/kg	1.05	0.526	1	A
4,4'-DDE	0.569	J	ug/kg	1.68	0.389	1	A
4,4'-DDD	ND		ug/kg	1.68	0.600	1	A
4,4'-DDT	ND		ug/kg	1.68	1.35	1	A
Endosulfan I	ND		ug/kg	1.68	0.398	1	A
Endosulfan II	ND		ug/kg	1.68	0.562	1	A
Endosulfan sulfate	ND		ug/kg	0.701	0.334	1	A
Methoxychlor	ND		ug/kg	3.16	0.982	1	A
Toxaphene	ND		ug/kg	31.6	8.84	1	A
cis-Chlordane	ND	IP	ug/kg	2.10	0.586	1	B
trans-Chlordane	ND	IP	ug/kg	2.10	0.555	1	B
Chlordane	ND		ug/kg	14.0	5.57	1	A

Project Name: SUN VALLEY
Project Number: 12060 / PHASE 8

Lab Number: L2353060
Report Date: 09/19/23

SAMPLE RESULTS

Lab ID: L2353060-09
Client ID: COMP_C3(0-9)
Sample Location: OSSINING NY

Date Collected: 09/12/23 14:45
Date Received: 09/12/23
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	68		30-150	A
Decachlorobiphenyl	77		30-150	A
2,4,5,6-Tetrachloro-m-xylene	76		30-150	B
Decachlorobiphenyl	76		30-150	B

Project Name: SUN VALLEY
Project Number: 12060 / PHASE 8

Lab Number: L2353060
Report Date: 09/19/23

SAMPLE RESULTS

Lab ID: L2353060-09
 Client ID: COMP_C3(0-9)
 Sample Location: OSSINING NY

Date Collected: 09/12/23 14:45
 Date Received: 09/12/23
 Field Prep: Not Specified

Sample Depth:
 Matrix: Soil
 Analytical Method: 1,8151A
 Analytical Date: 09/14/23 14:42
 Analyst: MMG
 Percent Solids: 92%
 Methylation Date: 09/14/23 09:10

Extraction Method: EPA 8151A
 Extraction Date: 09/13/23 13:00

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Chlorinated Herbicides by GC - Westborough Lab							
2,4-D	ND		ug/kg	176	11.1	1	A
2,4,5-T	ND		ug/kg	176	5.47	1	A
2,4,5-TP (Silvex)	ND		ug/kg	176	4.69	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
DCAA	102		30-150	A
DCAA	107		30-150	B

Project Name: SUN VALLEY
Project Number: 12060 / PHASE 8

Lab Number: L2353060
Report Date: 09/19/23

SAMPLE RESULTS

Lab ID: L2353060-11
Client ID: COMP_B3(7-15)
Sample Location: OSSINING NY

Date Collected: 09/12/23 13:15
Date Received: 09/12/23
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 09/15/23 18:30
Analyst: EJL
Percent Solids: 90%

Extraction Method: EPA 3546
Extraction Date: 09/13/23 16:39
Cleanup Method: EPA 3620B
Cleanup Date: 09/15/23
Cleanup Method: EPA 3660B
Cleanup Date: 09/15/23

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.75	0.344	1	A
Lindane	ND		ug/kg	0.731	0.327	1	A
Alpha-BHC	ND		ug/kg	0.731	0.208	1	A
Beta-BHC	ND		ug/kg	1.75	0.665	1	A
Heptachlor	ND		ug/kg	0.877	0.393	1	A
Aldrin	ND		ug/kg	1.75	0.618	1	A
Heptachlor epoxide	ND		ug/kg	3.29	0.987	1	A
Endrin	ND		ug/kg	0.731	0.300	1	A
Endrin aldehyde	ND		ug/kg	2.19	0.768	1	A
Endrin ketone	ND		ug/kg	1.75	0.452	1	A
Dieldrin	ND		ug/kg	1.10	0.548	1	A
4,4'-DDE	ND		ug/kg	1.75	0.406	1	A
4,4'-DDD	ND		ug/kg	1.75	0.626	1	A
4,4'-DDT	ND		ug/kg	1.75	1.41	1	A
Endosulfan I	ND		ug/kg	1.75	0.415	1	A
Endosulfan II	ND		ug/kg	1.75	0.586	1	A
Endosulfan sulfate	ND		ug/kg	0.731	0.348	1	A
Methoxychlor	ND		ug/kg	3.29	1.02	1	A
Toxaphene	ND		ug/kg	32.9	9.21	1	A
cis-Chlordane	ND		ug/kg	2.19	0.611	1	A
trans-Chlordane	ND		ug/kg	2.19	0.579	1	A
Chlordane	ND		ug/kg	14.6	5.81	1	A

Project Name: SUN VALLEY
Project Number: 12060 / PHASE 8

Lab Number: L2353060
Report Date: 09/19/23

SAMPLE RESULTS

Lab ID: L2353060-11
Client ID: COMP_B3(7-15)
Sample Location: OSSINING NY

Date Collected: 09/12/23 13:15
Date Received: 09/12/23
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	47		30-150	A
Decachlorobiphenyl	58		30-150	A
2,4,5,6-Tetrachloro-m-xylene	51		30-150	B
Decachlorobiphenyl	55		30-150	B

Project Name: SUN VALLEY
Project Number: 12060 / PHASE 8

Lab Number: L2353060
Report Date: 09/19/23

SAMPLE RESULTS

Lab ID: L2353060-11
Client ID: COMP_B3(7-15)
Sample Location: OSSINING NY

Date Collected: 09/12/23 13:15
Date Received: 09/12/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8151A
Analytical Date: 09/14/23 15:00
Analyst: MMG
Percent Solids: 90%
Methylation Date: 09/14/23 09:10

Extraction Method: EPA 8151A
Extraction Date: 09/13/23 13:00

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
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Chlorinated Herbicides by GC - Westborough Lab

2,4-D	ND		ug/kg	183	11.5	1	A
2,4,5-T	ND		ug/kg	183	5.67	1	A
2,4,5-TP (Silvex)	ND		ug/kg	183	4.86	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
DCAA	98		30-150	A
DCAA	100		30-150	B

Project Name: SUN VALLEY
Project Number: 12060 / PHASE 8

Lab Number: L2353060
Report Date: 09/19/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8151A
Analytical Date: 09/14/23 12:15
Analyst: MMG

Extraction Method: EPA 8151A
Extraction Date: 09/13/23 13:00

Methylation Date: 09/14/23 09:10

Parameter	Result	Qualifier	Units	RL	MDL	Column
Chlorinated Herbicides by GC - Westborough Lab for sample(s): 01,03,05,07,09,11 Batch: WG1827060-1						
2,4-D	ND		ug/kg	163	10.3	A
2,4,5-T	ND		ug/kg	163	5.06	A
2,4,5-TP (Silvex)	ND		ug/kg	163	4.34	A

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
DCAA	102		30-150	A
DCAA	108		30-150	B

Project Name: SUN VALLEY
Project Number: 12060 / PHASE 8

Lab Number: L2353060
Report Date: 09/19/23

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8081B
Analytical Date: 09/15/23 12:54
Analyst: AKM

Extraction Method: EPA 3546
Extraction Date: 09/13/23 16:38
Cleanup Method: EPA 3620B
Cleanup Date: 09/15/23
Cleanup Method: EPA 3660B
Cleanup Date: 09/15/23

Parameter	Result	Qualifier	Units	RL	MDL	Column
Organochlorine Pesticides by GC - Westborough Lab for sample(s): 01,03,05,07,09,11 Batch: WG1827157-1						
Delta-BHC	ND		ug/kg	1.57	0.308	A
Lindane	ND		ug/kg	0.656	0.293	A
Alpha-BHC	ND		ug/kg	0.656	0.186	A
Beta-BHC	ND		ug/kg	1.57	0.597	A
Heptachlor	ND		ug/kg	0.787	0.353	A
Aldrin	ND		ug/kg	1.57	0.554	A
Heptachlor epoxide	ND		ug/kg	2.95	0.885	A
Endrin	ND		ug/kg	0.656	0.269	A
Endrin aldehyde	ND		ug/kg	1.97	0.688	A
Endrin ketone	ND		ug/kg	1.57	0.405	A
Dieldrin	ND		ug/kg	0.984	0.492	A
4,4'-DDE	ND		ug/kg	1.57	0.364	A
4,4'-DDD	ND		ug/kg	1.57	0.561	A
4,4'-DDT	ND		ug/kg	1.57	1.26	A
Endosulfan I	ND		ug/kg	1.57	0.372	A
Endosulfan II	ND		ug/kg	1.57	0.526	A
Endosulfan sulfate	ND		ug/kg	0.656	0.312	A
Methoxychlor	ND		ug/kg	2.95	0.918	A
Toxaphene	ND		ug/kg	29.5	8.26	A
cis-Chlordane	ND		ug/kg	1.97	0.548	A
trans-Chlordane	ND		ug/kg	1.97	0.519	A
Chlordane	ND		ug/kg	13.1	5.21	A

Project Name: SUN VALLEY
Project Number: 12060 / PHASE 8

Lab Number: L2353060
Report Date: 09/19/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8081B
 Analytical Date: 09/15/23 12:54
 Analyst: AKM

Extraction Method: EPA 3546
 Extraction Date: 09/13/23 16:38
 Cleanup Method: EPA 3620B
 Cleanup Date: 09/15/23
 Cleanup Method: EPA 3660B
 Cleanup Date: 09/15/23

Parameter	Result	Qualifier	Units	RL	MDL	Column
Organochlorine Pesticides by GC - Westborough Lab for sample(s): 01,03,05,07,09,11 Batch: WG1827157-1						

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	68		30-150	A
Decachlorobiphenyl	76		30-150	A
2,4,5,6-Tetrachloro-m-xylene	75		30-150	B
Decachlorobiphenyl	73		30-150	B

Lab Control Sample Analysis

Batch Quality Control

Project Name: SUN VALLEY
Project Number: 12060 / PHASE 8

Lab Number: L2353060
Report Date: 09/19/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Chlorinated Herbicides by GC - Westborough Lab Associated sample(s): 01,03,05,07,09,11 Batch: WG1827060-2 WG1827060-3									
2,4-D	97		113		30-150	15		30	A
2,4,5-T	108		123		30-150	13		30	A
2,4,5-TP (Silvex)	101		117		30-150	15		30	A

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
DCAA	94		105		30-150	A
DCAA	105		133		30-150	B

Lab Control Sample Analysis

Batch Quality Control

Project Name: SUN VALLEY
Project Number: 12060 / PHASE 8

Lab Number: L2353060
Report Date: 09/19/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 01,03,05,07,09,11 Batch: WG1827157-2 WG1827157-3									
Delta-BHC	80		88		30-150	10		30	A
Lindane	72		80		30-150	11		30	A
Alpha-BHC	71		79		30-150	11		30	A
Beta-BHC	77		79		30-150	3		30	A
Heptachlor	70		78		30-150	11		30	A
Aldrin	71		80		30-150	12		30	A
Heptachlor epoxide	73		80		30-150	9		30	A
Endrin	76		84		30-150	10		30	A
Endrin aldehyde	64		72		30-150	12		30	A
Endrin ketone	81		89		30-150	9		30	A
Dieldrin	82		90		30-150	9		30	A
4,4'-DDE	76		84		30-150	10		30	A
4,4'-DDD	81		89		30-150	9		30	A
4,4'-DDT	79		88		30-150	11		30	A
Endosulfan I	71		77		30-150	8		30	A
Endosulfan II	76		84		30-150	10		30	A
Endosulfan sulfate	76		84		30-150	10		30	A
Methoxychlor	76		82		30-150	8		30	A
cis-Chlordane	70		78		30-150	11		30	A
trans-Chlordane	79		87		30-150	10		30	A

Lab Control Sample Analysis **Batch Quality Control**

Project Name: SUN VALLEY
Project Number: 12060 / PHASE 8

Lab Number: L2353060
Report Date: 09/19/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
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Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 01,03,05,07,09,11 Batch: WG1827157-2 WG1827157-3

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	59		66		30-150	A
Decachlorobiphenyl	69		76		30-150	A
2,4,5,6-Tetrachloro-m-xylene	67		73		30-150	B
Decachlorobiphenyl	65		73		30-150	B

METALS

Project Name: SUN VALLEY
Project Number: 12060 / PHASE 8

Lab Number: L2353060
Report Date: 09/19/23

SAMPLE RESULTS

Lab ID: L2353060-01
 Client ID: COMP_A3(0-7)
 Sample Location: OSSINING NY

Date Collected: 09/12/23 11:15
 Date Received: 09/12/23
 Field Prep: Not Specified

Sample Depth:

TCLP/SPLP Ext. Date: 09/13/23 17:36

Matrix: Soil
 Percent Solids: 92%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
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TCLP Metals by EPA 1311 - Mansfield Lab

Arsenic, TCLP	ND		mg/l	1.00	0.0190	1	09/15/23 20:36	09/16/23 10:21	EPA 3015	1,6010D	JMF
Barium, TCLP	0.593		mg/l	0.500	0.0210	1	09/15/23 20:36	09/16/23 10:21	EPA 3015	1,6010D	JMF
Cadmium, TCLP	ND		mg/l	0.100	0.0100	1	09/15/23 20:36	09/16/23 10:21	EPA 3015	1,6010D	JMF
Chromium, TCLP	ND		mg/l	0.200	0.0210	1	09/15/23 20:36	09/16/23 10:21	EPA 3015	1,6010D	JMF
Lead, TCLP	ND		mg/l	0.500	0.0270	1	09/15/23 20:36	09/16/23 10:21	EPA 3015	1,6010D	JMF
Mercury, TCLP	ND		mg/l	0.0010	0.0005	1	09/15/23 16:35	09/18/23 16:39	EPA 7470A	1,7470A	MJR
Selenium, TCLP	ND		mg/l	0.500	0.0350	1	09/15/23 20:36	09/16/23 10:21	EPA 3015	1,6010D	JMF
Silver, TCLP	ND		mg/l	0.100	0.0280	1	09/15/23 20:36	09/16/23 10:21	EPA 3015	1,6010D	JMF



Project Name: SUN VALLEY
Project Number: 12060 / PHASE 8

Lab Number: L2353060
Report Date: 09/19/23

SAMPLE RESULTS

Lab ID: L2353060-01
 Client ID: COMP_A3(0-7)
 Sample Location: OSSINING NY

Date Collected: 09/12/23 11:15
 Date Received: 09/12/23
 Field Prep: Not Specified

Sample Depth:
 Matrix: Soil
 Percent Solids: 92%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	9690		mg/kg	8.65	2.34	2	09/13/23 21:10	09/14/23 09:46	EPA 3050B	1,6010D	DMB
Antimony, Total	0.642	J	mg/kg	4.32	0.329	2	09/13/23 21:10	09/14/23 09:46	EPA 3050B	1,6010D	DMB
Arsenic, Total	1.92		mg/kg	0.865	0.180	2	09/13/23 21:10	09/14/23 09:46	EPA 3050B	1,6010D	DMB
Barium, Total	118		mg/kg	0.865	0.150	2	09/13/23 21:10	09/14/23 09:46	EPA 3050B	1,6010D	DMB
Beryllium, Total	0.109	J	mg/kg	0.432	0.029	2	09/13/23 21:10	09/14/23 09:46	EPA 3050B	1,6010D	DMB
Cadmium, Total	ND		mg/kg	0.865	0.085	2	09/13/23 21:10	09/14/23 09:46	EPA 3050B	1,6010D	DMB
Calcium, Total	5020		mg/kg	8.65	3.03	2	09/13/23 21:10	09/14/23 09:46	EPA 3050B	1,6010D	DMB
Chromium, Total	19.1		mg/kg	0.865	0.083	2	09/13/23 21:10	09/14/23 09:46	EPA 3050B	1,6010D	DMB
Cobalt, Total	8.57		mg/kg	1.73	0.144	2	09/13/23 21:10	09/14/23 09:46	EPA 3050B	1,6010D	DMB
Copper, Total	14.9		mg/kg	0.865	0.223	2	09/13/23 21:10	09/14/23 09:46	EPA 3050B	1,6010D	DMB
Iron, Total	18000		mg/kg	4.32	0.781	2	09/13/23 21:10	09/14/23 09:46	EPA 3050B	1,6010D	DMB
Lead, Total	4.90		mg/kg	4.32	0.232	2	09/13/23 21:10	09/14/23 09:46	EPA 3050B	1,6010D	DMB
Magnesium, Total	5720		mg/kg	8.65	1.33	2	09/13/23 21:10	09/14/23 09:46	EPA 3050B	1,6010D	DMB
Manganese, Total	232		mg/kg	0.865	0.138	2	09/13/23 21:10	09/14/23 09:46	EPA 3050B	1,6010D	DMB
Mercury, Total	ND		mg/kg	0.079	0.052	1	09/13/23 22:45	09/16/23 15:38	EPA 7471B	1,7471B	GMG
Nickel, Total	15.6		mg/kg	2.16	0.209	2	09/13/23 21:10	09/14/23 09:46	EPA 3050B	1,6010D	DMB
Potassium, Total	4680		mg/kg	216	12.4	2	09/13/23 21:10	09/14/23 09:46	EPA 3050B	1,6010D	DMB
Selenium, Total	ND		mg/kg	1.73	0.223	2	09/13/23 21:10	09/14/23 09:46	EPA 3050B	1,6010D	DMB
Silver, Total	ND		mg/kg	0.432	0.245	2	09/13/23 21:10	09/14/23 09:46	EPA 3050B	1,6010D	DMB
Sodium, Total	111	J	mg/kg	173	2.72	2	09/13/23 21:10	09/14/23 09:46	EPA 3050B	1,6010D	DMB
Thallium, Total	1.16	J	mg/kg	1.73	0.272	2	09/13/23 21:10	09/14/23 09:46	EPA 3050B	1,6010D	DMB
Vanadium, Total	24.7		mg/kg	0.865	0.176	2	09/13/23 21:10	09/14/23 09:46	EPA 3050B	1,6010D	DMB
Zinc, Total	46.0		mg/kg	4.32	0.253	2	09/13/23 21:10	09/14/23 09:46	EPA 3050B	1,6010D	DMB



Project Name: SUN VALLEY
Project Number: 12060 / PHASE 8

Lab Number: L2353060
Report Date: 09/19/23

SAMPLE RESULTS

Lab ID: L2353060-03
 Client ID: COMP_A3(7-14)
 Sample Location: OSSINING NY

Date Collected: 09/12/23 11:30
 Date Received: 09/12/23
 Field Prep: Not Specified

Sample Depth:
 Matrix: Soil
 Percent Solids: 95%

TCLP/SPLP Ext. Date: 09/13/23 17:36

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
TCLP Metals by EPA 1311 - Mansfield Lab											
Arsenic, TCLP	ND		mg/l	1.00	0.0190	1	09/15/23 20:36	09/16/23 10:13	EPA 3015	1,6010D	JMF
Barium, TCLP	0.656		mg/l	0.500	0.0210	1	09/15/23 20:36	09/16/23 10:13	EPA 3015	1,6010D	JMF
Cadmium, TCLP	ND		mg/l	0.100	0.0100	1	09/15/23 20:36	09/16/23 10:13	EPA 3015	1,6010D	JMF
Chromium, TCLP	ND		mg/l	0.200	0.0210	1	09/15/23 20:36	09/16/23 10:13	EPA 3015	1,6010D	JMF
Lead, TCLP	ND		mg/l	0.500	0.0270	1	09/15/23 20:36	09/16/23 10:13	EPA 3015	1,6010D	JMF
Mercury, TCLP	ND		mg/l	0.0010	0.0005	1	09/15/23 16:35	09/18/23 16:57	EPA 7470A	1,7470A	MJR
Selenium, TCLP	ND		mg/l	0.500	0.0350	1	09/15/23 20:36	09/16/23 10:13	EPA 3015	1,6010D	JMF
Silver, TCLP	ND		mg/l	0.100	0.0280	1	09/15/23 20:36	09/16/23 10:13	EPA 3015	1,6010D	JMF



Project Name: SUN VALLEY
Project Number: 12060 / PHASE 8

Lab Number: L2353060
Report Date: 09/19/23

SAMPLE RESULTS

Lab ID: L2353060-03
 Client ID: COMP_A3(7-14)
 Sample Location: OSSINING NY

Date Collected: 09/12/23 11:30
 Date Received: 09/12/23
 Field Prep: Not Specified

Sample Depth:
 Matrix: Soil
 Percent Solids: 95%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	10600		mg/kg	8.26	2.23	2	09/13/23 21:10	09/14/23 09:51	EPA 3050B	1,6010D	DMB
Antimony, Total	0.706	J	mg/kg	4.13	0.314	2	09/13/23 21:10	09/14/23 09:51	EPA 3050B	1,6010D	DMB
Arsenic, Total	1.39		mg/kg	0.826	0.172	2	09/13/23 21:10	09/14/23 09:51	EPA 3050B	1,6010D	DMB
Barium, Total	126		mg/kg	0.826	0.144	2	09/13/23 21:10	09/14/23 09:51	EPA 3050B	1,6010D	DMB
Beryllium, Total	0.058	J	mg/kg	0.413	0.027	2	09/13/23 21:10	09/14/23 09:51	EPA 3050B	1,6010D	DMB
Cadmium, Total	ND		mg/kg	0.826	0.081	2	09/13/23 21:10	09/14/23 09:51	EPA 3050B	1,6010D	DMB
Calcium, Total	7630		mg/kg	8.26	2.89	2	09/13/23 21:10	09/14/23 09:51	EPA 3050B	1,6010D	DMB
Chromium, Total	19.2		mg/kg	0.826	0.079	2	09/13/23 21:10	09/14/23 09:51	EPA 3050B	1,6010D	DMB
Cobalt, Total	9.25		mg/kg	1.65	0.137	2	09/13/23 21:10	09/14/23 09:51	EPA 3050B	1,6010D	DMB
Copper, Total	15.3		mg/kg	0.826	0.213	2	09/13/23 21:10	09/14/23 09:51	EPA 3050B	1,6010D	DMB
Iron, Total	19900		mg/kg	4.13	0.746	2	09/13/23 21:10	09/14/23 09:51	EPA 3050B	1,6010D	DMB
Lead, Total	4.58		mg/kg	4.13	0.221	2	09/13/23 21:10	09/14/23 09:51	EPA 3050B	1,6010D	DMB
Magnesium, Total	7100		mg/kg	8.26	1.27	2	09/13/23 21:10	09/14/23 09:51	EPA 3050B	1,6010D	DMB
Manganese, Total	274		mg/kg	0.826	0.131	2	09/13/23 21:10	09/14/23 09:51	EPA 3050B	1,6010D	DMB
Mercury, Total	ND		mg/kg	0.074	0.048	1	09/13/23 22:45	09/16/23 15:41	EPA 7471B	1,7471B	GMG
Nickel, Total	15.9		mg/kg	2.06	0.200	2	09/13/23 21:10	09/14/23 09:51	EPA 3050B	1,6010D	DMB
Potassium, Total	5700		mg/kg	206	11.9	2	09/13/23 21:10	09/14/23 09:51	EPA 3050B	1,6010D	DMB
Selenium, Total	ND		mg/kg	1.65	0.213	2	09/13/23 21:10	09/14/23 09:51	EPA 3050B	1,6010D	DMB
Silver, Total	ND		mg/kg	0.413	0.234	2	09/13/23 21:10	09/14/23 09:51	EPA 3050B	1,6010D	DMB
Sodium, Total	107	J	mg/kg	165	2.60	2	09/13/23 21:10	09/14/23 09:51	EPA 3050B	1,6010D	DMB
Thallium, Total	1.34	J	mg/kg	1.65	0.260	2	09/13/23 21:10	09/14/23 09:51	EPA 3050B	1,6010D	DMB
Vanadium, Total	31.6		mg/kg	0.826	0.168	2	09/13/23 21:10	09/14/23 09:51	EPA 3050B	1,6010D	DMB
Zinc, Total	50.5		mg/kg	4.13	0.242	2	09/13/23 21:10	09/14/23 09:51	EPA 3050B	1,6010D	DMB



Project Name: SUN VALLEY
Project Number: 12060 / PHASE 8

Lab Number: L2353060
Report Date: 09/19/23

SAMPLE RESULTS

Lab ID: L2353060-05
 Client ID: COMP_A3(14-25)
 Sample Location: OSSINING NY

Date Collected: 09/12/23 11:45
 Date Received: 09/12/23
 Field Prep: Not Specified

Sample Depth:

TCLP/SPLP Ext. Date: 09/13/23 17:36

Matrix: Soil
 Percent Solids: 78%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
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TCLP Metals by EPA 1311 - Mansfield Lab

Arsenic, TCLP	ND		mg/l	1.00	0.0190	1	09/15/23 20:39	09/16/23 10:16	EPA 3015	1,6010D	JMF
Barium, TCLP	0.660		mg/l	0.500	0.0210	1	09/15/23 20:39	09/16/23 10:16	EPA 3015	1,6010D	JMF
Cadmium, TCLP	ND		mg/l	0.100	0.0100	1	09/15/23 20:39	09/16/23 10:16	EPA 3015	1,6010D	JMF
Chromium, TCLP	ND		mg/l	0.200	0.0210	1	09/15/23 20:39	09/16/23 10:16	EPA 3015	1,6010D	JMF
Lead, TCLP	ND		mg/l	0.500	0.0270	1	09/15/23 20:39	09/16/23 10:16	EPA 3015	1,6010D	JMF
Mercury, TCLP	ND		mg/l	0.0010	0.0005	1	09/15/23 16:35	09/18/23 17:00	EPA 7470A	1,7470A	MJR
Selenium, TCLP	ND		mg/l	0.500	0.0350	1	09/15/23 20:39	09/16/23 10:16	EPA 3015	1,6010D	JMF
Silver, TCLP	ND		mg/l	0.100	0.0280	1	09/15/23 20:39	09/16/23 10:16	EPA 3015	1,6010D	JMF



Project Name: SUN VALLEY
Project Number: 12060 / PHASE 8

Lab Number: L2353060
Report Date: 09/19/23

SAMPLE RESULTS

Lab ID: L2353060-05
 Client ID: COMP_A3(14-25)
 Sample Location: OSSINING NY

Date Collected: 09/12/23 11:45
 Date Received: 09/12/23
 Field Prep: Not Specified

Sample Depth:
 Matrix: Soil
 Percent Solids: 78%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	12000		mg/kg	9.84	2.66	2	09/13/23 21:10	09/14/23 09:56	EPA 3050B	1,6010D	DMB
Antimony, Total	0.802	J	mg/kg	4.92	0.374	2	09/13/23 21:10	09/14/23 09:56	EPA 3050B	1,6010D	DMB
Arsenic, Total	1.64		mg/kg	0.984	0.205	2	09/13/23 21:10	09/14/23 09:56	EPA 3050B	1,6010D	DMB
Barium, Total	148		mg/kg	0.984	0.171	2	09/13/23 21:10	09/14/23 09:56	EPA 3050B	1,6010D	DMB
Beryllium, Total	0.130	J	mg/kg	0.492	0.033	2	09/13/23 21:10	09/14/23 09:56	EPA 3050B	1,6010D	DMB
Cadmium, Total	ND		mg/kg	0.984	0.097	2	09/13/23 21:10	09/14/23 09:56	EPA 3050B	1,6010D	DMB
Calcium, Total	7360		mg/kg	9.84	3.44	2	09/13/23 21:10	09/14/23 09:56	EPA 3050B	1,6010D	DMB
Chromium, Total	30.7		mg/kg	0.984	0.095	2	09/13/23 21:10	09/14/23 09:56	EPA 3050B	1,6010D	DMB
Cobalt, Total	9.51		mg/kg	1.97	0.163	2	09/13/23 21:10	09/14/23 09:56	EPA 3050B	1,6010D	DMB
Copper, Total	18.1		mg/kg	0.984	0.254	2	09/13/23 21:10	09/14/23 09:56	EPA 3050B	1,6010D	DMB
Iron, Total	22300		mg/kg	4.92	0.889	2	09/13/23 21:10	09/14/23 09:56	EPA 3050B	1,6010D	DMB
Lead, Total	5.24		mg/kg	4.92	0.264	2	09/13/23 21:10	09/14/23 09:56	EPA 3050B	1,6010D	DMB
Magnesium, Total	7550		mg/kg	9.84	1.52	2	09/13/23 21:10	09/14/23 09:56	EPA 3050B	1,6010D	DMB
Manganese, Total	246		mg/kg	0.984	0.156	2	09/13/23 21:10	09/14/23 09:56	EPA 3050B	1,6010D	DMB
Mercury, Total	ND		mg/kg	0.084	0.054	1	09/13/23 22:45	09/16/23 15:44	EPA 7471B	1,7471B	GMG
Nickel, Total	19.3		mg/kg	2.46	0.238	2	09/13/23 21:10	09/14/23 09:56	EPA 3050B	1,6010D	DMB
Potassium, Total	6390		mg/kg	246	14.2	2	09/13/23 21:10	09/14/23 09:56	EPA 3050B	1,6010D	DMB
Selenium, Total	ND		mg/kg	1.97	0.254	2	09/13/23 21:10	09/14/23 09:56	EPA 3050B	1,6010D	DMB
Silver, Total	ND		mg/kg	0.492	0.278	2	09/13/23 21:10	09/14/23 09:56	EPA 3050B	1,6010D	DMB
Sodium, Total	134	J	mg/kg	197	3.10	2	09/13/23 21:10	09/14/23 09:56	EPA 3050B	1,6010D	DMB
Thallium, Total	1.50	J	mg/kg	1.97	0.310	2	09/13/23 21:10	09/14/23 09:56	EPA 3050B	1,6010D	DMB
Vanadium, Total	30.8		mg/kg	0.984	0.200	2	09/13/23 21:10	09/14/23 09:56	EPA 3050B	1,6010D	DMB
Zinc, Total	56.6		mg/kg	4.92	0.288	2	09/13/23 21:10	09/14/23 09:56	EPA 3050B	1,6010D	DMB



Project Name: SUN VALLEY
Project Number: 12060 / PHASE 8

Lab Number: L2353060
Report Date: 09/19/23

SAMPLE RESULTS

Lab ID: L2353060-07
 Client ID: COMP_B3(0-7)
 Sample Location: OSSINING NY

Date Collected: 09/12/23 12:45
 Date Received: 09/12/23
 Field Prep: Not Specified

Sample Depth:

TCLP/SPLP Ext. Date: 09/13/23 17:36

Matrix: Soil
 Percent Solids: 93%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
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TCLP Metals by EPA 1311 - Mansfield Lab

Arsenic, TCLP	ND		mg/l	1.00	0.0190	1	09/15/23 20:39	09/16/23 10:19	EPA 3015	1,6010D	JMF
Barium, TCLP	0.779		mg/l	0.500	0.0210	1	09/15/23 20:39	09/16/23 10:19	EPA 3015	1,6010D	JMF
Cadmium, TCLP	ND		mg/l	0.100	0.0100	1	09/15/23 20:39	09/16/23 10:19	EPA 3015	1,6010D	JMF
Chromium, TCLP	ND		mg/l	0.200	0.0210	1	09/15/23 20:39	09/16/23 10:19	EPA 3015	1,6010D	JMF
Lead, TCLP	ND		mg/l	0.500	0.0270	1	09/15/23 20:39	09/16/23 10:19	EPA 3015	1,6010D	JMF
Mercury, TCLP	ND		mg/l	0.0010	0.0005	1	09/15/23 16:35	09/18/23 17:03	EPA 7470A	1,7470A	MJR
Selenium, TCLP	ND		mg/l	0.500	0.0350	1	09/15/23 20:39	09/16/23 10:19	EPA 3015	1,6010D	JMF
Silver, TCLP	ND		mg/l	0.100	0.0280	1	09/15/23 20:39	09/16/23 10:19	EPA 3015	1,6010D	JMF



Project Name: SUN VALLEY
Project Number: 12060 / PHASE 8

Lab Number: L2353060
Report Date: 09/19/23

SAMPLE RESULTS

Lab ID: L2353060-07
 Client ID: COMP_B3(0-7)
 Sample Location: OSSINING NY

Date Collected: 09/12/23 12:45
 Date Received: 09/12/23
 Field Prep: Not Specified

Sample Depth:
 Matrix: Soil
 Percent Solids: 93%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	9060		mg/kg	8.46	2.28	2	09/13/23 21:10	09/14/23 10:33	EPA 3050B	1,6010D	DMB
Antimony, Total	0.543	J	mg/kg	4.23	0.322	2	09/13/23 21:10	09/14/23 10:33	EPA 3050B	1,6010D	DMB
Arsenic, Total	1.50		mg/kg	0.846	0.176	2	09/13/23 21:10	09/14/23 10:33	EPA 3050B	1,6010D	DMB
Barium, Total	109		mg/kg	0.846	0.147	2	09/13/23 21:10	09/14/23 10:33	EPA 3050B	1,6010D	DMB
Beryllium, Total	0.131	J	mg/kg	0.423	0.028	2	09/13/23 21:10	09/14/23 10:33	EPA 3050B	1,6010D	DMB
Cadmium, Total	ND		mg/kg	0.846	0.083	2	09/13/23 21:10	09/14/23 10:33	EPA 3050B	1,6010D	DMB
Calcium, Total	8040		mg/kg	8.46	2.96	2	09/13/23 21:10	09/14/23 10:33	EPA 3050B	1,6010D	DMB
Chromium, Total	17.0		mg/kg	0.846	0.081	2	09/13/23 21:10	09/14/23 10:33	EPA 3050B	1,6010D	DMB
Cobalt, Total	7.73		mg/kg	1.69	0.140	2	09/13/23 21:10	09/14/23 10:33	EPA 3050B	1,6010D	DMB
Copper, Total	14.4		mg/kg	0.846	0.218	2	09/13/23 21:10	09/14/23 10:33	EPA 3050B	1,6010D	DMB
Iron, Total	17000		mg/kg	4.23	0.764	2	09/13/23 21:10	09/14/23 10:33	EPA 3050B	1,6010D	DMB
Lead, Total	5.01		mg/kg	4.23	0.227	2	09/13/23 21:10	09/14/23 10:33	EPA 3050B	1,6010D	DMB
Magnesium, Total	6090		mg/kg	8.46	1.30	2	09/13/23 21:10	09/14/23 10:33	EPA 3050B	1,6010D	DMB
Manganese, Total	236		mg/kg	0.846	0.134	2	09/13/23 21:10	09/14/23 10:33	EPA 3050B	1,6010D	DMB
Mercury, Total	ND		mg/kg	0.068	0.045	1	09/13/23 22:45	09/16/23 15:48	EPA 7471B	1,7471B	GMG
Nickel, Total	14.9		mg/kg	2.12	0.205	2	09/13/23 21:10	09/14/23 10:33	EPA 3050B	1,6010D	DMB
Potassium, Total	4620		mg/kg	212	12.2	2	09/13/23 21:10	09/14/23 10:33	EPA 3050B	1,6010D	DMB
Selenium, Total	ND		mg/kg	1.69	0.218	2	09/13/23 21:10	09/14/23 10:33	EPA 3050B	1,6010D	DMB
Silver, Total	ND		mg/kg	0.423	0.239	2	09/13/23 21:10	09/14/23 10:33	EPA 3050B	1,6010D	DMB
Sodium, Total	96.4	J	mg/kg	169	2.66	2	09/13/23 21:10	09/14/23 10:33	EPA 3050B	1,6010D	DMB
Thallium, Total	1.10	J	mg/kg	1.69	0.266	2	09/13/23 21:10	09/14/23 10:33	EPA 3050B	1,6010D	DMB
Vanadium, Total	22.6		mg/kg	0.846	0.172	2	09/13/23 21:10	09/14/23 10:33	EPA 3050B	1,6010D	DMB
Zinc, Total	42.0		mg/kg	4.23	0.248	2	09/13/23 21:10	09/14/23 10:33	EPA 3050B	1,6010D	DMB



Project Name: SUN VALLEY
Project Number: 12060 / PHASE 8

Lab Number: L2353060
Report Date: 09/19/23

SAMPLE RESULTS

Lab ID: L2353060-09
 Client ID: COMP_C3(0-9)
 Sample Location: OSSINING NY

Date Collected: 09/12/23 14:45
 Date Received: 09/12/23
 Field Prep: Not Specified

Sample Depth:
 Matrix: Soil
 Percent Solids: 92%

TCLP/SPLP Ext. Date: 09/13/23 17:36

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
TCLP Metals by EPA 1311 - Mansfield Lab											
Arsenic, TCLP	ND		mg/l	1.00	0.0190	1	09/15/23 20:39	09/16/23 11:08	EPA 3015	1,6010D	JMF
Barium, TCLP	0.934		mg/l	0.500	0.0210	1	09/15/23 20:39	09/16/23 11:08	EPA 3015	1,6010D	JMF
Cadmium, TCLP	ND		mg/l	0.100	0.0100	1	09/15/23 20:39	09/16/23 11:08	EPA 3015	1,6010D	JMF
Chromium, TCLP	ND		mg/l	0.200	0.0210	1	09/15/23 20:39	09/16/23 11:08	EPA 3015	1,6010D	JMF
Lead, TCLP	ND		mg/l	0.500	0.0270	1	09/15/23 20:39	09/16/23 11:08	EPA 3015	1,6010D	JMF
Mercury, TCLP	ND		mg/l	0.0010	0.0005	1	09/15/23 16:35	09/18/23 17:06	EPA 7470A	1,7470A	MJR
Selenium, TCLP	ND		mg/l	0.500	0.0350	1	09/15/23 20:39	09/16/23 11:08	EPA 3015	1,6010D	JMF
Silver, TCLP	ND		mg/l	0.100	0.0280	1	09/15/23 20:39	09/16/23 11:08	EPA 3015	1,6010D	JMF



Project Name: SUN VALLEY
Project Number: 12060 / PHASE 8

Lab Number: L2353060
Report Date: 09/19/23

SAMPLE RESULTS

Lab ID: L2353060-09
 Client ID: COMP_C3(0-9)
 Sample Location: OSSINING NY

Date Collected: 09/12/23 14:45
 Date Received: 09/12/23
 Field Prep: Not Specified

Sample Depth:
 Matrix: Soil
 Percent Solids: 92%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	11600		mg/kg	8.38	2.26	2	09/13/23 21:10	09/14/23 10:38	EPA 3050B	1,6010D	DMB
Antimony, Total	0.748	J	mg/kg	4.19	0.319	2	09/13/23 21:10	09/14/23 10:38	EPA 3050B	1,6010D	DMB
Arsenic, Total	2.34		mg/kg	0.838	0.174	2	09/13/23 21:10	09/14/23 10:38	EPA 3050B	1,6010D	DMB
Barium, Total	129		mg/kg	0.838	0.146	2	09/13/23 21:10	09/14/23 10:38	EPA 3050B	1,6010D	DMB
Beryllium, Total	0.170	J	mg/kg	0.419	0.028	2	09/13/23 21:10	09/14/23 10:38	EPA 3050B	1,6010D	DMB
Cadmium, Total	ND		mg/kg	0.838	0.082	2	09/13/23 21:10	09/14/23 10:38	EPA 3050B	1,6010D	DMB
Calcium, Total	11500		mg/kg	8.38	2.93	2	09/13/23 21:10	09/14/23 10:38	EPA 3050B	1,6010D	DMB
Chromium, Total	22.4		mg/kg	0.838	0.081	2	09/13/23 21:10	09/14/23 10:38	EPA 3050B	1,6010D	DMB
Cobalt, Total	9.82		mg/kg	1.68	0.139	2	09/13/23 21:10	09/14/23 10:38	EPA 3050B	1,6010D	DMB
Copper, Total	17.4		mg/kg	0.838	0.216	2	09/13/23 21:10	09/14/23 10:38	EPA 3050B	1,6010D	DMB
Iron, Total	20700		mg/kg	4.19	0.757	2	09/13/23 21:10	09/14/23 10:38	EPA 3050B	1,6010D	DMB
Lead, Total	7.03		mg/kg	4.19	0.225	2	09/13/23 21:10	09/14/23 10:38	EPA 3050B	1,6010D	DMB
Magnesium, Total	9540		mg/kg	8.38	1.29	2	09/13/23 21:10	09/14/23 10:38	EPA 3050B	1,6010D	DMB
Manganese, Total	270		mg/kg	0.838	0.133	2	09/13/23 21:10	09/14/23 10:38	EPA 3050B	1,6010D	DMB
Mercury, Total	ND		mg/kg	0.074	0.048	1	09/13/23 22:45	09/16/23 15:51	EPA 7471B	1,7471B	GMG
Nickel, Total	20.1		mg/kg	2.10	0.203	2	09/13/23 21:10	09/14/23 10:38	EPA 3050B	1,6010D	DMB
Potassium, Total	5790		mg/kg	210	12.1	2	09/13/23 21:10	09/14/23 10:38	EPA 3050B	1,6010D	DMB
Selenium, Total	ND		mg/kg	1.68	0.216	2	09/13/23 21:10	09/14/23 10:38	EPA 3050B	1,6010D	DMB
Silver, Total	ND		mg/kg	0.419	0.237	2	09/13/23 21:10	09/14/23 10:38	EPA 3050B	1,6010D	DMB
Sodium, Total	101	J	mg/kg	168	2.64	2	09/13/23 21:10	09/14/23 10:38	EPA 3050B	1,6010D	DMB
Thallium, Total	1.39	J	mg/kg	1.68	0.264	2	09/13/23 21:10	09/14/23 10:38	EPA 3050B	1,6010D	DMB
Vanadium, Total	29.8		mg/kg	0.838	0.170	2	09/13/23 21:10	09/14/23 10:38	EPA 3050B	1,6010D	DMB
Zinc, Total	58.9		mg/kg	4.19	0.246	2	09/13/23 21:10	09/14/23 10:38	EPA 3050B	1,6010D	DMB



Project Name: SUN VALLEY
Project Number: 12060 / PHASE 8

Lab Number: L2353060
Report Date: 09/19/23

SAMPLE RESULTS

Lab ID: L2353060-11
 Client ID: COMP_B3(7-15)
 Sample Location: OSSINING NY

Date Collected: 09/12/23 13:15
 Date Received: 09/12/23
 Field Prep: Not Specified

Sample Depth:
 Matrix: Soil
 Percent Solids: 90%

TCLP/SPLP Ext. Date: 09/13/23 17:36

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
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TCLP Metals by EPA 1311 - Mansfield Lab

Arsenic, TCLP	ND		mg/l	1.00	0.0190	1	09/15/23 20:39	09/16/23 11:11	EPA 3015	1,6010D	JMF
Barium, TCLP	0.909		mg/l	0.500	0.0210	1	09/15/23 20:39	09/16/23 11:11	EPA 3015	1,6010D	JMF
Cadmium, TCLP	ND		mg/l	0.100	0.0100	1	09/15/23 20:39	09/16/23 11:11	EPA 3015	1,6010D	JMF
Chromium, TCLP	ND		mg/l	0.200	0.0210	1	09/15/23 20:39	09/16/23 11:11	EPA 3015	1,6010D	JMF
Lead, TCLP	ND		mg/l	0.500	0.0270	1	09/15/23 20:39	09/16/23 11:11	EPA 3015	1,6010D	JMF
Mercury, TCLP	ND		mg/l	0.0010	0.0005	1	09/15/23 16:35	09/18/23 17:10	EPA 7470A	1,7470A	MJR
Selenium, TCLP	ND		mg/l	0.500	0.0350	1	09/15/23 20:39	09/16/23 11:11	EPA 3015	1,6010D	JMF
Silver, TCLP	ND		mg/l	0.100	0.0280	1	09/15/23 20:39	09/16/23 11:11	EPA 3015	1,6010D	JMF



Project Name: SUN VALLEY
Project Number: 12060 / PHASE 8

Lab Number: L2353060
Report Date: 09/19/23

SAMPLE RESULTS

Lab ID: L2353060-11
 Client ID: COMP_B3(7-15)
 Sample Location: OSSINING NY

Date Collected: 09/12/23 13:15
 Date Received: 09/12/23
 Field Prep: Not Specified

Sample Depth:
 Matrix: Soil
 Percent Solids: 90%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	11200		mg/kg	8.67	2.34	2	09/13/23 21:10	09/14/23 10:43	EPA 3050B	1,6010D	DMB
Antimony, Total	0.952	J	mg/kg	4.34	0.330	2	09/13/23 21:10	09/14/23 10:43	EPA 3050B	1,6010D	DMB
Arsenic, Total	1.72		mg/kg	0.867	0.180	2	09/13/23 21:10	09/14/23 10:43	EPA 3050B	1,6010D	DMB
Barium, Total	138		mg/kg	0.867	0.151	2	09/13/23 21:10	09/14/23 10:43	EPA 3050B	1,6010D	DMB
Beryllium, Total	0.122	J	mg/kg	0.434	0.029	2	09/13/23 21:10	09/14/23 10:43	EPA 3050B	1,6010D	DMB
Cadmium, Total	ND		mg/kg	0.867	0.085	2	09/13/23 21:10	09/14/23 10:43	EPA 3050B	1,6010D	DMB
Calcium, Total	10400		mg/kg	8.67	3.04	2	09/13/23 21:10	09/14/23 10:43	EPA 3050B	1,6010D	DMB
Chromium, Total	21.4		mg/kg	0.867	0.083	2	09/13/23 21:10	09/14/23 10:43	EPA 3050B	1,6010D	DMB
Cobalt, Total	9.92		mg/kg	1.73	0.144	2	09/13/23 21:10	09/14/23 10:43	EPA 3050B	1,6010D	DMB
Copper, Total	18.4		mg/kg	0.867	0.224	2	09/13/23 21:10	09/14/23 10:43	EPA 3050B	1,6010D	DMB
Iron, Total	20700		mg/kg	4.34	0.783	2	09/13/23 21:10	09/14/23 10:43	EPA 3050B	1,6010D	DMB
Lead, Total	5.38		mg/kg	4.34	0.232	2	09/13/23 21:10	09/14/23 10:43	EPA 3050B	1,6010D	DMB
Magnesium, Total	9150		mg/kg	8.67	1.34	2	09/13/23 21:10	09/14/23 10:43	EPA 3050B	1,6010D	DMB
Manganese, Total	241		mg/kg	0.867	0.138	2	09/13/23 21:10	09/14/23 10:43	EPA 3050B	1,6010D	DMB
Mercury, Total	ND		mg/kg	0.076	0.049	1	09/13/23 22:45	09/16/23 16:01	EPA 7471B	1,7471B	GMG
Nickel, Total	18.6		mg/kg	2.17	0.210	2	09/13/23 21:10	09/14/23 10:43	EPA 3050B	1,6010D	DMB
Potassium, Total	5900		mg/kg	217	12.5	2	09/13/23 21:10	09/14/23 10:43	EPA 3050B	1,6010D	DMB
Selenium, Total	ND		mg/kg	1.73	0.224	2	09/13/23 21:10	09/14/23 10:43	EPA 3050B	1,6010D	DMB
Silver, Total	ND		mg/kg	0.434	0.245	2	09/13/23 21:10	09/14/23 10:43	EPA 3050B	1,6010D	DMB
Sodium, Total	108	J	mg/kg	173	2.73	2	09/13/23 21:10	09/14/23 10:43	EPA 3050B	1,6010D	DMB
Thallium, Total	1.60	J	mg/kg	1.73	0.273	2	09/13/23 21:10	09/14/23 10:43	EPA 3050B	1,6010D	DMB
Vanadium, Total	29.3		mg/kg	0.867	0.176	2	09/13/23 21:10	09/14/23 10:43	EPA 3050B	1,6010D	DMB
Zinc, Total	52.8		mg/kg	4.34	0.254	2	09/13/23 21:10	09/14/23 10:43	EPA 3050B	1,6010D	DMB



Project Name: SUN VALLEY
Project Number: 12060 / PHASE 8

Lab Number: L2353060
Report Date: 09/19/23

Method Blank Analysis Batch Quality Control

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 01,03,05,07,09,11 Batch: WG1826945-1										
Aluminum, Total	ND		mg/kg	4.00	1.08	1	09/13/23 21:10	09/14/23 07:54	1,6010D	DMB
Antimony, Total	ND		mg/kg	2.00	0.152	1	09/13/23 21:10	09/14/23 07:54	1,6010D	DMB
Arsenic, Total	ND		mg/kg	0.400	0.083	1	09/13/23 21:10	09/14/23 07:54	1,6010D	DMB
Barium, Total	ND		mg/kg	0.400	0.070	1	09/13/23 21:10	09/14/23 07:54	1,6010D	DMB
Beryllium, Total	ND		mg/kg	0.200	0.013	1	09/13/23 21:10	09/14/23 07:54	1,6010D	DMB
Cadmium, Total	ND		mg/kg	0.400	0.039	1	09/13/23 21:10	09/14/23 07:54	1,6010D	DMB
Calcium, Total	ND		mg/kg	4.00	1.40	1	09/13/23 21:10	09/14/23 07:54	1,6010D	DMB
Chromium, Total	ND		mg/kg	0.400	0.038	1	09/13/23 21:10	09/14/23 07:54	1,6010D	DMB
Cobalt, Total	ND		mg/kg	0.800	0.066	1	09/13/23 21:10	09/14/23 07:54	1,6010D	DMB
Copper, Total	ND		mg/kg	0.400	0.103	1	09/13/23 21:10	09/14/23 07:54	1,6010D	DMB
Iron, Total	ND		mg/kg	2.00	0.361	1	09/13/23 21:10	09/14/23 07:54	1,6010D	DMB
Lead, Total	ND		mg/kg	2.00	0.107	1	09/13/23 21:10	09/14/23 07:54	1,6010D	DMB
Magnesium, Total	ND		mg/kg	4.00	0.616	1	09/13/23 21:10	09/14/23 07:54	1,6010D	DMB
Manganese, Total	ND		mg/kg	0.400	0.064	1	09/13/23 21:10	09/14/23 07:54	1,6010D	DMB
Nickel, Total	ND		mg/kg	1.00	0.097	1	09/13/23 21:10	09/14/23 07:54	1,6010D	DMB
Potassium, Total	ND		mg/kg	100	5.76	1	09/13/23 21:10	09/14/23 07:54	1,6010D	DMB
Selenium, Total	ND		mg/kg	0.800	0.103	1	09/13/23 21:10	09/14/23 07:54	1,6010D	DMB
Silver, Total	ND		mg/kg	0.200	0.113	1	09/13/23 21:10	09/14/23 07:54	1,6010D	DMB
Sodium, Total	6.87	J	mg/kg	80.0	1.26	1	09/13/23 21:10	09/14/23 07:54	1,6010D	DMB
Thallium, Total	ND		mg/kg	0.800	0.126	1	09/13/23 21:10	09/14/23 07:54	1,6010D	DMB
Vanadium, Total	ND		mg/kg	0.400	0.081	1	09/13/23 21:10	09/14/23 07:54	1,6010D	DMB
Zinc, Total	ND		mg/kg	2.00	0.117	1	09/13/23 21:10	09/14/23 07:54	1,6010D	DMB

Prep Information

Digestion Method: EPA 3050B

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 01,03,05,07,09,11 Batch: WG1826948-1										
Mercury, Total	ND		mg/kg	0.083	0.054	1	09/13/23 22:45	09/16/23 14:41	1,7471B	GMG



Project Name: SUN VALLEY
Project Number: 12060 / PHASE 8

Lab Number: L2353060
Report Date: 09/19/23

Method Blank Analysis Batch Quality Control

Prep Information

Digestion Method: EPA 7471B

Parameter	Result Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
TCLP Metals by EPA 1311 - Mansfield Lab for sample(s): 01,03,05,07,09,11 Batch: WG1827588-1									
Arsenic, TCLP	ND	mg/l	1.00	0.0190	1	09/15/23 20:36	09/16/23 10:07	1,6010D	JMF
Barium, TCLP	ND	mg/l	0.500	0.0210	1	09/15/23 20:36	09/16/23 10:07	1,6010D	JMF
Cadmium, TCLP	ND	mg/l	0.100	0.0100	1	09/15/23 20:36	09/16/23 10:07	1,6010D	JMF
Chromium, TCLP	ND	mg/l	0.200	0.0210	1	09/15/23 20:36	09/16/23 10:07	1,6010D	JMF
Lead, TCLP	ND	mg/l	0.500	0.0270	1	09/15/23 20:36	09/16/23 10:07	1,6010D	JMF
Selenium, TCLP	ND	mg/l	0.500	0.0350	1	09/15/23 20:36	09/16/23 10:07	1,6010D	JMF
Silver, TCLP	ND	mg/l	0.100	0.0280	1	09/15/23 20:36	09/16/23 10:07	1,6010D	JMF

Prep Information

Digestion Method: EPA 3015
TCLP/SPLP Extraction Date: 09/12/23 12:17

Parameter	Result Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
TCLP Metals by EPA 1311 - Mansfield Lab for sample(s): 01,03,05,07,09,11 Batch: WG1827589-1									
Mercury, TCLP	ND	mg/l	0.0010	0.0005	1	09/15/23 16:35	09/18/23 16:32	1,7470A	MJR

Prep Information

Digestion Method: EPA 7470A
TCLP/SPLP Extraction Date: 09/12/23 12:17

Lab Control Sample Analysis

Batch Quality Control

Project Name: SUN VALLEY
Project Number: 12060 / PHASE 8

Lab Number: L2353060
Report Date: 09/19/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01,03,05,07,09,11 Batch: WG1826945-2 SRM Lot Number: D119-540								
Aluminum, Total	77		-		48-152	-		
Antimony, Total	126		-		10-190	-		
Arsenic, Total	103		-		83-117	-		
Barium, Total	100		-		82-118	-		
Beryllium, Total	102		-		83-117	-		
Cadmium, Total	94		-		82-117	-		
Calcium, Total	96		-		81-118	-		
Chromium, Total	107		-		82-119	-		
Cobalt, Total	105		-		83-117	-		
Copper, Total	100		-		84-116	-		
Iron, Total	100		-		60-140	-		
Lead, Total	102		-		82-118	-		
Magnesium, Total	93		-		76-124	-		
Manganese, Total	96		-		82-118	-		
Nickel, Total	104		-		82-117	-		
Potassium, Total	91		-		70-130	-		
Selenium, Total	105		-		79-121	-		
Silver, Total	105		-		80-120	-		
Sodium, Total	100		-		74-126	-		
Thallium, Total	106		-		81-119	-		
Vanadium, Total	101		-		79-121	-		

Lab Control Sample Analysis

Batch Quality Control

Project Name: SUN VALLEY
Project Number: 12060 / PHASE 8

Lab Number: L2353060
Report Date: 09/19/23

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01,03,05,07,09,11 Batch: WG1826945-2 SRM Lot Number: D119-540					
Zinc, Total	103	-	80-120	-	
Total Metals - Mansfield Lab Associated sample(s): 01,03,05,07,09,11 Batch: WG1826948-2 SRM Lot Number: D119-540					
Mercury, Total	100	-	73-127	-	
TCLP Metals by EPA 1311 - Mansfield Lab Associated sample(s): 01,03,05,07,09,11 Batch: WG1827588-2					
Arsenic, TCLP	95	-	75-125	-	20
Barium, TCLP	92	-	75-125	-	20
Cadmium, TCLP	88	-	75-125	-	20
Chromium, TCLP	93	-	75-125	-	20
Lead, TCLP	93	-	75-125	-	20
Selenium, TCLP	98	-	75-125	-	20
Silver, TCLP	92	-	75-125	-	20
TCLP Metals by EPA 1311 - Mansfield Lab Associated sample(s): 01,03,05,07,09,11 Batch: WG1827589-2					
Mercury, TCLP	101	-	80-120	-	

Matrix Spike Analysis

Batch Quality Control

Project Name: SUN VALLEY
Project Number: 12060 / PHASE 8

Lab Number: L2353060
Report Date: 09/19/23

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01,03,05,07,09,11 QC Batch ID: WG1826945-3 QC Sample: L2353001-01 Client ID: MS Sample												
Aluminum, Total	2100	173	4200	1210	Q	-	-		75-125	-		20
Antimony, Total	ND	43.3	41.3	95		-	-		75-125	-		20
Arsenic, Total	0.942	10.4	11.8	104		-	-		75-125	-		20
Barium, Total	21.1	173	188	96		-	-		75-125	-		20
Beryllium, Total	ND	4.33	4.26	98		-	-		75-125	-		20
Cadmium, Total	0.111J	4.59	4.65	101		-	-		75-125	-		20
Calcium, Total	1360	866	3500	247	Q	-	-		75-125	-		20
Chromium, Total	8.26	17.3	74.6	383	Q	-	-		75-125	-		20
Cobalt, Total	11.0	43.3	60.4	114		-	-		75-125	-		20
Copper, Total	12.0	21.6	37.6	118		-	-		75-125	-		20
Iron, Total	6560	86.6	7390	959	Q	-	-		75-125	-		20
Lead, Total	2800	45.9	2490	0	Q	-	-		75-125	-		20
Magnesium, Total	724	866	1660	108		-	-		75-125	-		20
Manganese, Total	43.7	43.3	92.5	113		-	-		75-125	-		20
Nickel, Total	3.00	43.3	44.7	96		-	-		75-125	-		20
Potassium, Total	99.3J	866	986	114		-	-		75-125	-		20
Selenium, Total	ND	10.4	11.0	106		-	-		75-125	-		20
Silver, Total	ND	4.33	4.39	101		-	-		75-125	-		20
Sodium, Total	57.0J	866	947	109		-	-		75-125	-		20
Thallium, Total	0.278J	10.4	9.67	93		-	-		75-125	-		20
Vanadium, Total	12.9	43.3	57.9	104		-	-		75-125	-		20

Matrix Spike Analysis

Batch Quality Control

Project Name: SUN VALLEY
Project Number: 12060 / PHASE 8

Lab Number: L2353060
Report Date: 09/19/23

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	MSD Found	MSD %Recovery	Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01,03,05,07,09,11 QC Batch ID: WG1826945-3 QC Sample: L2353001-01 Client ID: MS Sample									
Zinc, Total	24.8	43.3	143	273	Q	-	75-125	-	20
Total Metals - Mansfield Lab Associated sample(s): 01,03,05,07,09,11 QC Batch ID: WG1826948-3 QC Sample: L2353059-01 Client ID: MS Sample									
Mercury, Total	0.095	1.39	1.63	110	-	-	80-120	-	20
TCLP Metals by EPA 1311 - Mansfield Lab Associated sample(s): 01,03,05,07,09,11 QC Batch ID: WG1827588-3 QC Sample: L2353060-01 Client ID: COMP_A3(0-7)									
Arsenic, TCLP	ND	1.2	1.12	93	-	-	75-125	-	20
Barium, TCLP	0.593	20	18.0	87	-	-	75-125	-	20
Cadmium, TCLP	ND	0.53	0.471	89	-	-	75-125	-	20
Chromium, TCLP	ND	2	1.86	93	-	-	75-125	-	20
Lead, TCLP	ND	5.3	4.84	91	-	-	75-125	-	20
Selenium, TCLP	ND	1.2	1.18	98	-	-	75-125	-	20
Silver, TCLP	ND	0.5	0.460	92	-	-	75-125	-	20
TCLP Metals by EPA 1311 - Mansfield Lab Associated sample(s): 01,03,05,07,09,11 QC Batch ID: WG1827589-3 QC Sample: L2353060-01 Client ID: COMP_A3(0-7)									
Mercury, TCLP	ND	0.025	0.0243	97	-	-	75-125	-	20

Lab Duplicate Analysis *Batch Quality Control*

Project Name: SUN VALLEY
Project Number: 12060 / PHASE 8

Lab Number: L2353060
Report Date: 09/19/23

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01,03,05,07,09,11 QC Batch ID: WG1826945-4 QC Sample: L2353001-01 Client ID: DUP Sample						
Lead, Total	2800	2440	mg/kg	14		20
Total Metals - Mansfield Lab Associated sample(s): 01,03,05,07,09,11 QC Batch ID: WG1826948-4 QC Sample: L2353059-01 Client ID: DUP Sample						
Mercury, Total	0.095	ND	mg/kg	NC		20
TCLP Metals by EPA 1311 - Mansfield Lab Associated sample(s): 01,03,05,07,09,11 QC Batch ID: WG1827588-4 QC Sample: L2353060-01 Client ID: COMP_A3(0-7)						
Arsenic, TCLP	ND	ND	mg/l	NC		20
Barium, TCLP	0.593	0.582	mg/l	2		20
Cadmium, TCLP	ND	ND	mg/l	NC		20
Chromium, TCLP	ND	ND	mg/l	NC		20
Lead, TCLP	ND	ND	mg/l	NC		20
Selenium, TCLP	ND	ND	mg/l	NC		20
Silver, TCLP	ND	ND	mg/l	NC		20
TCLP Metals by EPA 1311 - Mansfield Lab Associated sample(s): 01,03,05,07,09,11 QC Batch ID: WG1827589-4 QC Sample: L2353060-01 Client ID: COMP_A3(0-7)						
Mercury, TCLP	ND	ND	mg/l	NC		20

INORGANICS & MISCELLANEOUS

Project Name: SUN VALLEY
Project Number: 12060 / PHASE 8

Lab Number: L2353060
Report Date: 09/19/23

SAMPLE RESULTS

Lab ID: L2353060-01
Client ID: COMP_A3(0-7)
Sample Location: OSSINING NY

Date Collected: 09/12/23 11:15
Date Received: 09/12/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Test Material Information

Source of Material: Unknown
Description of Material: Non-Metallic - Damp Clay
Particle Size: Medium
Preliminary Burning Time (sec): 120

Parameter	Result	Date Analyzed	Analytical Method	Analyst
Ignitability of Solids - Westborough Lab				
Ignitability	NI	09/18/23 15:35	1,1030	GEF



Project Name: SUN VALLEY
Project Number: 12060 / PHASE 8

Lab Number: L2353060
Report Date: 09/19/23

SAMPLE RESULTS

Lab ID: L2353060-03
Client ID: COMP_A3(7-14)
Sample Location: OSSINING NY

Date Collected: 09/12/23 11:30
Date Received: 09/12/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Test Material Information

Source of Material: Unknown
Description of Material: Non-Metallic - Damp Clay
Particle Size: Medium
Preliminary Burning Time (sec): 120

Parameter	Result	Date Analyzed	Analytical Method	Analyst
Ignitability of Solids - Westborough Lab				
Ignitability	NI	09/18/23 15:35	1,1030	GEF



Project Name: SUN VALLEY
Project Number: 12060 / PHASE 8

Lab Number: L2353060
Report Date: 09/19/23

SAMPLE RESULTS

Lab ID: L2353060-05
Client ID: COMP_A3(14-25)
Sample Location: OSSINING NY

Date Collected: 09/12/23 11:45
Date Received: 09/12/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Test Material Information

Source of Material: Unknown
Description of Material: Non-Metallic - Wet Clay
Particle Size: Medium
Preliminary Burning Time (sec): 120

Parameter	Result	Date Analyzed	Analytical Method	Analyst
Ignitability of Solids - Westborough Lab				
Ignitability	NI	09/18/23 15:35	1,1030	GEF



Project Name: SUN VALLEY
Project Number: 12060 / PHASE 8

Lab Number: L2353060
Report Date: 09/19/23

SAMPLE RESULTS

Lab ID: L2353060-07
Client ID: COMP_B3(0-7)
Sample Location: OSSINING NY

Date Collected: 09/12/23 12:45
Date Received: 09/12/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Test Material Information

Source of Material: Unknown
Description of Material: Non-Metallic - Damp Clay
Particle Size: Medium
Preliminary Burning Time (sec): 120

Parameter	Result	Date Analyzed	Analytical Method	Analyst
Ignitability of Solids - Westborough Lab				
Ignitability	NI	09/18/23 15:35	1,1030	GEF



Project Name: SUN VALLEY
Project Number: 12060 / PHASE 8

Lab Number: L2353060
Report Date: 09/19/23

SAMPLE RESULTS

Lab ID: L2353060-09
Client ID: COMP_C3(0-9)
Sample Location: OSSINING NY

Date Collected: 09/12/23 14:45
Date Received: 09/12/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Test Material Information

Source of Material: Unknown
Description of Material: Non-Metallic - Damp Clay
Particle Size: Medium
Preliminary Burning Time (sec): 120

Parameter	Result	Date Analyzed	Analytical Method	Analyst
Ignitability of Solids - Westborough Lab				
Ignitability	NI	09/18/23 15:35	1,1030	GEF



Project Name: SUN VALLEY
Project Number: 12060 / PHASE 8

Lab Number: L2353060
Report Date: 09/19/23

SAMPLE RESULTS

Lab ID: L2353060-11
Client ID: COMP_B3(7-15)
Sample Location: OSSINING NY

Date Collected: 09/12/23 13:15
Date Received: 09/12/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Test Material Information

Source of Material: Unknown
Description of Material: Non-Metallic - Wet Clay
Particle Size: Medium
Preliminary Burning Time (sec): 120

Parameter	Result	Date Analyzed	Analytical Method	Analyst
Ignitability of Solids - Westborough Lab				
Ignitability	NI	09/18/23 15:35	1,1030	GEF



Project Name: SUN VALLEY
Project Number: 12060 / PHASE 8

Lab Number: L2353060
Report Date: 09/19/23

SAMPLE RESULTS

Lab ID: L2353060-01
Client ID: COMP_A3(0-7)
Sample Location: OSSINING NY

Date Collected: 09/12/23 11:15
Date Received: 09/12/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	91.6		%	0.100	NA	1	-	09/13/23 11:29	121,2540G	ROI
Cyanide, Total	ND		mg/kg	1.0	0.22	1	09/14/23 03:15	09/14/23 16:24	1,9010C/9012B	JER
pH (H)	8.67		SU	-	NA	1	-	09/18/23 07:52	1,9045D	RDS
Chromium, Hexavalent	ND		mg/kg	0.873	0.175	1	09/14/23 14:15	09/18/23 19:55	1,7196A	WMT
Cyanide, Reactive	ND		mg/kg	10	10.	1	09/15/23 10:48	09/15/23 13:22	125,7.3	JLB
Sulfide, Reactive	ND		mg/kg	10	10.	1	09/14/23 11:09	09/14/23 13:39	125,7.3	JLB
Paint Filter Liquid	Negative		-	0	NA	1	-	09/13/23 18:57	1,9095B	AAS



Project Name: SUN VALLEY
Project Number: 12060 / PHASE 8

Lab Number: L2353060
Report Date: 09/19/23

SAMPLE RESULTS

Lab ID: L2353060-02
Client ID: GRAB_A3(2-2.5)
Sample Location: OSSINING NY

Date Collected: 09/12/23 11:15
Date Received: 09/12/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	91.6		%	0.100	NA	1	-	09/13/23 11:29	121,2540G	ROI



Project Name: SUN VALLEY
Project Number: 12060 / PHASE 8

Lab Number: L2353060
Report Date: 09/19/23

SAMPLE RESULTS

Lab ID: L2353060-03
Client ID: COMP_A3(7-14)
Sample Location: OSSINING NY

Date Collected: 09/12/23 11:30
Date Received: 09/12/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	95.1		%	0.100	NA	1	-	09/13/23 11:29	121,2540G	ROI
Cyanide, Total	ND		mg/kg	1.0	0.21	1	09/14/23 03:15	09/14/23 16:25	1,9010C/9012B	JER
pH (H)	8.65		SU	-	NA	1	-	09/18/23 07:52	1,9045D	RDS
Chromium, Hexavalent	0.294	J	mg/kg	0.841	0.168	1	09/14/23 14:15	09/18/23 19:55	1,7196A	WMT
Cyanide, Reactive	ND		mg/kg	10	10.	1	09/15/23 10:48	09/15/23 13:23	125,7.3	JLB
Sulfide, Reactive	ND		mg/kg	10	10.	1	09/14/23 11:09	09/14/23 13:39	125,7.3	JLB
Paint Filter Liquid	Negative		-	0	NA	1	-	09/13/23 18:57	1,9095B	AAS



Project Name: SUN VALLEY
Project Number: 12060 / PHASE 8

Lab Number: L2353060
Report Date: 09/19/23

SAMPLE RESULTS

Lab ID: L2353060-04
Client ID: GRAB_A3(7-7.5)
Sample Location: OSSINING NY

Date Collected: 09/12/23 11:30
Date Received: 09/12/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	95.1		%	0.100	NA	1	-	09/13/23 11:29	121,2540G	ROI



Project Name: SUN VALLEY
Project Number: 12060 / PHASE 8

Lab Number: L2353060
Report Date: 09/19/23

SAMPLE RESULTS

Lab ID: L2353060-05
Client ID: COMP_A3(14-25)
Sample Location: OSSINING NY

Date Collected: 09/12/23 11:45
Date Received: 09/12/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	78.2		%	0.100	NA	1	-	09/13/23 11:29	121,2540G	ROI
Cyanide, Total	ND		mg/kg	1.2	0.25	1	09/14/23 03:15	09/14/23 16:26	1,9010C/9012B	JER
pH (H)	8.55		SU	-	NA	1	-	09/18/23 07:52	1,9045D	RDS
Chromium, Hexavalent	ND		mg/kg	1.02	0.205	1	09/14/23 14:15	09/18/23 19:55	1,7196A	WMT
Cyanide, Reactive	ND		mg/kg	10	10.	1	09/14/23 19:10	09/14/23 21:15	125,7.3	QJM
Sulfide, Reactive	ND		mg/kg	10	10.	1	09/14/23 19:10	09/14/23 21:31	125,7.3	QJM
Paint Filter Liquid	Negative		-	0	NA	1	-	09/13/23 18:57	1,9095B	AAS



Project Name: SUN VALLEY
Project Number: 12060 / PHASE 8

Lab Number: L2353060
Report Date: 09/19/23

SAMPLE RESULTS

Lab ID: L2353060-06
Client ID: GRAB_A3(14.5-15)
Sample Location: OSSINING NY

Date Collected: 09/12/23 11:45
Date Received: 09/12/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	78.2		%	0.100	NA	1	-	09/13/23 11:29	121,2540G	ROI



Project Name: SUN VALLEY
Project Number: 12060 / PHASE 8

Lab Number: L2353060
Report Date: 09/19/23

SAMPLE RESULTS

Lab ID: L2353060-07
Client ID: COMP_B3(0-7)
Sample Location: OSSINING NY

Date Collected: 09/12/23 12:45
Date Received: 09/12/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	93.2		%	0.100	NA	1	-	09/13/23 11:29	121,2540G	ROI
Cyanide, Total	ND		mg/kg	1.0	0.21	1	09/14/23 03:15	09/14/23 16:27	1,9010C/9012B	JER
pH (H)	8.42		SU	-	NA	1	-	09/18/23 07:52	1,9045D	RDS
Chromium, Hexavalent	ND		mg/kg	0.858	0.172	1	09/14/23 14:15	09/18/23 19:55	1,7196A	WMT
Cyanide, Reactive	ND		mg/kg	10	10.	1	09/14/23 19:10	09/14/23 21:15	125,7.3	QJM
Sulfide, Reactive	ND		mg/kg	10	10.	1	09/14/23 19:10	09/14/23 21:31	125,7.3	QJM
Paint Filter Liquid	Negative		-	0	NA	1	-	09/13/23 18:57	1,9095B	AAS



Project Name: SUN VALLEY
Project Number: 12060 / PHASE 8

Lab Number: L2353060
Report Date: 09/19/23

SAMPLE RESULTS

Lab ID: L2353060-08
Client ID: GRAB_B3(14.5-15)
Sample Location: OSSINING NY

Date Collected: 09/12/23 13:15
Date Received: 09/12/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	93.2		%	0.100	NA	1	-	09/13/23 11:29	121,2540G	ROI



Project Name: SUN VALLEY
Project Number: 12060 / PHASE 8

Lab Number: L2353060
Report Date: 09/19/23

SAMPLE RESULTS

Lab ID: L2353060-09
Client ID: COMP_C3(0-9)
Sample Location: OSSINING NY

Date Collected: 09/12/23 14:45
Date Received: 09/12/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	92.3		%	0.100	NA	1	-	09/13/23 11:29	121,2540G	ROI
Cyanide, Total	ND		mg/kg	1.0	0.22	1	09/14/23 03:15	09/14/23 16:28	1,9010C/9012B	JER
pH (H)	8.48		SU	-	NA	1	-	09/18/23 07:52	1,9045D	RDS
Chromium, Hexavalent	0.184	J	mg/kg	0.867	0.173	1	09/14/23 14:15	09/18/23 19:55	1,7196A	WMT
Cyanide, Reactive	ND		mg/kg	10	10.	1	09/14/23 19:10	09/14/23 21:16	125,7.3	QJM
Sulfide, Reactive	ND		mg/kg	10	10.	1	09/14/23 19:10	09/14/23 21:31	125,7.3	QJM
Paint Filter Liquid	Negative		-	0	NA	1	-	09/13/23 18:57	1,9095B	AAS



Project Name: SUN VALLEY
Project Number: 12060 / PHASE 8

Lab Number: L2353060
Report Date: 09/19/23

SAMPLE RESULTS

Lab ID: L2353060-10
Client ID: GRAB_C3(2-2.5)
Sample Location: OSSINING NY

Date Collected: 09/12/23 14:45
Date Received: 09/12/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	92.3		%	0.100	NA	1	-	09/13/23 11:29	121,2540G	ROI



Project Name: SUN VALLEY
Project Number: 12060 / PHASE 8

Lab Number: L2353060
Report Date: 09/19/23

SAMPLE RESULTS

Lab ID: L2353060-11
Client ID: COMP_B3(7-15)
Sample Location: OSSINING NY

Date Collected: 09/12/23 13:15
Date Received: 09/12/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	89.5		%	0.100	NA	1	-	09/13/23 11:29	121,2540G	ROI
Cyanide, Total	ND		mg/kg	1.0	0.22	1	09/14/23 03:15	09/14/23 16:29	1,9010C/9012B	JER
pH (H)	8.57		SU	-	NA	1	-	09/18/23 07:52	1,9045D	RDS
Chromium, Hexavalent	ND		mg/kg	0.894	0.179	1	09/14/23 14:15	09/18/23 19:55	1,7196A	WMT
Cyanide, Reactive	ND		mg/kg	10	10.	1	09/14/23 19:10	09/14/23 21:16	125,7.3	QJM
Sulfide, Reactive	ND		mg/kg	10	10.	1	09/14/23 19:10	09/14/23 21:32	125,7.3	QJM
Paint Filter Liquid	Negative		-	0	NA	1	-	09/13/23 18:57	1,9095B	AAS



Project Name: SUN VALLEY
Project Number: 12060 / PHASE 8

Lab Number: L2353060
Report Date: 09/19/23

SAMPLE RESULTS

Lab ID: L2353060-12
Client ID: GRAB_B3(4.5-5)
Sample Location: OSSINING NY

Date Collected: 09/12/23 12:45
Date Received: 09/12/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	89.5		%	0.100	NA	1	-	09/13/23 11:29	121,2540G	ROI



Project Name: SUN VALLEY
Project Number: 12060 / PHASE 8

Lab Number: L2353060
Report Date: 09/19/23

Method Blank Analysis
Batch Quality Control

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab for sample(s): 01,03,05,07,09,11 Batch: WG1827242-1										
Cyanide, Total	ND		mg/kg	0.92	0.20	1	09/14/23 03:15	09/14/23 16:12	1,9010C/9012B	JER
General Chemistry - Westborough Lab for sample(s): 01,03 Batch: WG1827384-1										
Sulfide, Reactive	ND		mg/kg	10	10.	1	09/14/23 11:09	09/14/23 13:29	125,7.3	JLB
General Chemistry - Westborough Lab for sample(s): 01,03,05,07,09,11 Batch: WG1827551-1										
Chromium, Hexavalent	ND		mg/kg	0.800	0.160	1	09/14/23 14:15	09/18/23 19:55	1,7196A	WMT
General Chemistry - Westborough Lab for sample(s): 05,07,09,11 Batch: WG1827663-1										
Sulfide, Reactive	ND		mg/kg	10	10.	1	09/14/23 19:10	09/14/23 21:25	125,7.3	QJM
General Chemistry - Westborough Lab for sample(s): 05,07,09,11 Batch: WG1827664-1										
Cyanide, Reactive	ND		mg/kg	10	10.	1	09/14/23 19:10	09/14/23 21:11	125,7.3	QJM
General Chemistry - Westborough Lab for sample(s): 01,03 Batch: WG1827851-1										
Cyanide, Reactive	ND		mg/kg	10	10.	1	09/15/23 10:48	09/15/23 13:00	125,7.3	JLB

Lab Control Sample Analysis

Batch Quality Control

Project Name: SUN VALLEY
Project Number: 12060 / PHASE 8

Lab Number: L2353060
Report Date: 09/19/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01,03,05,07,09,11 Batch: WG1827242-2 WG1827242-3								
Cyanide, Total	121	Q	122	Q	80-120	1		35
General Chemistry - Westborough Lab Associated sample(s): 01,03 Batch: WG1827384-2								
Sulfide, Reactive	87		-		60-125	-		40
General Chemistry - Westborough Lab Associated sample(s): 01,03,05,07,09,11 Batch: WG1827551-2								
Chromium, Hexavalent	56	Q	-		80-120	-		20
General Chemistry - Westborough Lab Associated sample(s): 05,07,09,11 Batch: WG1827663-2								
Sulfide, Reactive	88		-		60-125	-		40
General Chemistry - Westborough Lab Associated sample(s): 05,07,09,11 Batch: WG1827664-2								
Cyanide, Reactive	70		-		30-125	-		40
General Chemistry - Westborough Lab Associated sample(s): 01,03 Batch: WG1827851-2								
Cyanide, Reactive	79		-		30-125	-		40
General Chemistry - Westborough Lab Associated sample(s): 01,03,05,07,09,11 Batch: WG1828598-1								
pH	100		-		99-101	-		

Matrix Spike Analysis

Batch Quality Control

Project Name: SUN VALLEY
Project Number: 12060 / PHASE 8

Lab Number: L2353060
Report Date: 09/19/23

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01,03,05,07,09,11 QC Batch ID: WG1827242-4 WG1827242-5 QC Sample: L2353036-09 Client ID: MS Sample												
Cyanide, Total	ND	11	14	130	Q	12	120		75-125	15		35
General Chemistry - Westborough Lab Associated sample(s): 01,03,05,07,09,11 QC Batch ID: WG1827551-4 QC Sample: L2353060-03 Client ID: COMP_A3(7-14)												
Chromium, Hexavalent	0.294J	1320	1330	100		-	-		75-125	-		20

Lab Duplicate Analysis

Batch Quality Control

Project Name: SUN VALLEY
Project Number: 12060 / PHASE 8

Lab Number: L2353060
Report Date: 09/19/23

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01-12 QC Batch ID: WG1826878-1 QC Sample: L2353060-01 Client ID: COMP_A3(0-7)						
Solids, Total	91.6	92.6	%	1		20
General Chemistry - Westborough Lab Associated sample(s): 01,03 QC Batch ID: WG1827384-3 QC Sample: L2353060-03 Client ID: COMP_A3(7-14)						
Sulfide, Reactive	ND	ND	mg/kg	NC		40
General Chemistry - Westborough Lab Associated sample(s): 01,03,05,07,09,11 QC Batch ID: WG1827551-6 QC Sample: L2353060-03 Client ID: COMP_A3(7-14)						
Chromium, Hexavalent	0.294J	ND	mg/kg	NC		20
General Chemistry - Westborough Lab Associated sample(s): 05,07,09,11 QC Batch ID: WG1827663-3 QC Sample: L2353315-01 Client ID: DUP Sample						
Sulfide, Reactive	ND	ND	mg/kg	NC		40
General Chemistry - Westborough Lab Associated sample(s): 05,07,09,11 QC Batch ID: WG1827664-3 QC Sample: L2353315-01 Client ID: DUP Sample						
Cyanide, Reactive	ND	ND	mg/kg	NC		40
General Chemistry - Westborough Lab Associated sample(s): 01,03 QC Batch ID: WG1827851-3 QC Sample: L2353564-03 Client ID: DUP Sample						
Cyanide, Reactive	ND	ND	mg/kg	NC		40
General Chemistry - Westborough Lab Associated sample(s): 01,03,05,07,09,11 QC Batch ID: WG1828598-2 QC Sample: L2353050-01 Client ID: DUP Sample						
pH	9.08	9.09	SU	0		5

Project Name: SUN VALLEY
Project Number: 12060 / PHASE 8

Lab Number: L2353060
Report Date: 09/19/23

Sample Receipt and Container Information

Were project specific reporting limits specified?

YES

Cooler Information

Cooler	Custody Seal
A	Absent
B	Absent
C	Absent

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2353060-01A	Metals Only-Glass 60mL/2oz unpreserved	C	NA		3.4	Y	Absent		BE-TI(180),BA-TI(180),AS-TI(180),AG-TI(180),AL-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),SB-TI(180),ZN-TI(180),CU-TI(180),PB-TI(180),SE-TI(180),CO-TI(180),V-TI(180),FE-TI(180),MG-TI(180),HG-T(28),MN-TI(180),CA-TI(180),CD-TI(180),K-TI(180),NA-TI(180)
L2353060-01B	Glass 120ml/4oz unpreserved	C	NA		3.4	Y	Absent		NJEPH-TPH-CAT2(14),REACTS(14),TCN-9010(14),IGNIT-1030(14),NYTCL-8270(14),HERB-APA(14),PH-9045(1),NYTCL-8081(14),PAINTF(),REACTCN(14),NYTCL-8082(365),HEXCR-7196(30)
L2353060-01C	Plastic 2oz unpreserved for TS	C	NA		3.4	Y	Absent		TS(7)
L2353060-01D	Glass 500ml/16oz unpreserved	C	NA		3.4	Y	Absent		NJEPH-TPH-CAT2(14),REACTS(14),TCN-9010(14),IGNIT-1030(14),NYTCL-8270(14),HERB-APA(14),PH-9045(1),NYTCL-8081(14),PAINTF(),REACTCN(14),NYTCL-8082(365),HEXCR-7196(30)
L2353060-01E	Glass 500ml/16oz unpreserved	C	NA		3.4	Y	Absent		NJEPH-TPH-CAT2(14),REACTS(14),TCN-9010(14),IGNIT-1030(14),NYTCL-8270(14),HERB-APA(14),PH-9045(1),NYTCL-8081(14),PAINTF(),REACTCN(14),NYTCL-8082(365),HEXCR-7196(30)
L2353060-01X	Plastic 120ml HNO3 preserved Extracts	C	NA		3.4	Y	Absent		CD-CI(180),BA-CI(180),AS-CI(180),HG-C(28),PB-CI(180),SE-CI(180),CR-CI(180),AG-CI(180)
L2353060-01X9	Tumble Vessel	C	NA		3.4	Y	Absent		-
L2353060-02A	5 gram Encore Sampler	C	NA		3.4	Y	Absent		NYTCL-8260HLW(14)
L2353060-02B	5 gram Encore Sampler	C	NA		3.4	Y	Absent		NYTCL-8260HLW(14)
L2353060-02C	5 gram Encore Sampler	C	NA		3.4	Y	Absent		NYTCL-8260HLW(14)
L2353060-02X	Vial MeOH preserved split	C	NA		3.4	Y	Absent		NYTCL-8260HLW(14)
L2353060-02Y	Vial Water preserved split	C	NA		3.4	Y	Absent	13-SEP-23 12:58	NYTCL-8260HLW(14)

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Serial_No: 09192318:34
Lab Number: L2353060
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Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2353060-02Z	Vial Water preserved split	C	NA		3.4	Y	Absent	13-SEP-23 12:58	NYTCL-8260HLW(14)
L2353060-03A	Metals Only-Glass 60mL/2oz unpreserved	B	NA		3.4	Y	Absent		BE-Ti(180),BA-Ti(180),AS-Ti(180),AG-Ti(180),AL-Ti(180),NI-Ti(180),CR-Ti(180),TL-Ti(180),PB-Ti(180),ZN-Ti(180),CU-Ti(180),SB-Ti(180),SE-Ti(180),V-Ti(180),CO-Ti(180),HG-T(28),MN-Ti(180),MG-Ti(180),FE-Ti(180),CA-Ti(180),CD-Ti(180),K-Ti(180),NA-Ti(180)
L2353060-03B	Glass 120ml/4oz unpreserved	B	NA		3.4	Y	Absent		IGNIT-1030(14),NJEPH-TPH-CAT2(14),TCN-9010(14),REACTS(14),NYTCL-8270(14),HERB-APA(14),PH-9045(1),NYTCL-8081(14),PAINTF(),NYTCL-8082(365),REACTCN(14),HEXCR-7196(30)
L2353060-03C	Plastic 2oz unpreserved for TS	B	NA		3.4	Y	Absent		TS(7)
L2353060-03D	Glass 500ml/16oz unpreserved	B	NA		3.4	Y	Absent		IGNIT-1030(14),NJEPH-TPH-CAT2(14),TCN-9010(14),REACTS(14),NYTCL-8270(14),HERB-APA(14),PH-9045(1),NYTCL-8081(14),PAINTF(),NYTCL-8082(365),REACTCN(14),HEXCR-7196(30)
L2353060-03E	Glass 500ml/16oz unpreserved	B	NA		3.4	Y	Absent		IGNIT-1030(14),NJEPH-TPH-CAT2(14),TCN-9010(14),REACTS(14),NYTCL-8270(14),HERB-APA(14),PH-9045(1),NYTCL-8081(14),PAINTF(),NYTCL-8082(365),REACTCN(14),HEXCR-7196(30)
L2353060-03X	Plastic 120ml HNO3 preserved Extracts	B	NA		3.4	Y	Absent		CD-CI(180),AS-CI(180),BA-CI(180),HG-C(28),PB-CI(180),CR-CI(180),SE-CI(180),AG-CI(180)
L2353060-03X9	Tumble Vessel	B	NA		3.4	Y	Absent		-
L2353060-04A	5 gram Encore Sampler	B	NA		3.4	Y	Absent		NYTCL-8260HLW(14)
L2353060-04B	5 gram Encore Sampler	B	NA		3.4	Y	Absent		NYTCL-8260HLW(14)
L2353060-04C	5 gram Encore Sampler	B	NA		3.4	Y	Absent		NYTCL-8260HLW(14)
L2353060-04X	Vial MeOH preserved split	B	NA		3.4	Y	Absent		NYTCL-8260HLW(14)
L2353060-04Y	Vial Water preserved split	B	NA		3.4	Y	Absent	13-SEP-23 12:58	NYTCL-8260HLW(14)
L2353060-04Z	Vial Water preserved split	B	NA		3.4	Y	Absent	13-SEP-23 12:58	NYTCL-8260HLW(14)
L2353060-05A	Metals Only-Glass 60mL/2oz unpreserved	B	NA		3.4	Y	Absent		BE-Ti(180),AS-Ti(180),BA-Ti(180),AG-Ti(180),AL-Ti(180),CR-Ti(180),NI-Ti(180),TL-Ti(180),PB-Ti(180),CU-Ti(180),SE-Ti(180),ZN-Ti(180),SB-Ti(180),V-Ti(180),CO-Ti(180),MG-Ti(180),HG-T(28),FE-Ti(180),MN-Ti(180),NA-Ti(180),CD-Ti(180),K-Ti(180),CA-Ti(180)

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Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2353060-05B	Glass 120ml/4oz unpreserved	B	NA		3.4	Y	Absent		NYTCL-8270(14),IGNIT-1030(14),NJEPH-TPH-CAT2(14),REACTS(14),TCN-9010(14),HERB-APA(14),PH-9045(1),PAINTF(),NYTCL-8081(14),NYTCL-8082(365),REACTCN(14),HEXCR-7196(30)
L2353060-05C	Plastic 2oz unpreserved for TS	B	NA		3.4	Y	Absent		TS(7)
L2353060-05D	Glass 500ml/16oz unpreserved	B	NA		3.4	Y	Absent		NYTCL-8270(14),IGNIT-1030(14),NJEPH-TPH-CAT2(14),REACTS(14),TCN-9010(14),HERB-APA(14),PH-9045(1),PAINTF(),NYTCL-8081(14),NYTCL-8082(365),REACTCN(14),HEXCR-7196(30)
L2353060-05E	Glass 500ml/16oz unpreserved	B	NA		3.4	Y	Absent		NYTCL-8270(14),IGNIT-1030(14),NJEPH-TPH-CAT2(14),REACTS(14),TCN-9010(14),HERB-APA(14),PH-9045(1),PAINTF(),NYTCL-8081(14),NYTCL-8082(365),REACTCN(14),HEXCR-7196(30)
L2353060-05X	Plastic 120ml HNO3 preserved Extracts	B	NA		3.4	Y	Absent		CD-CI(180),AS-CI(180),BA-CI(180),HG-C(28),PB-CI(180),SE-CI(180),CR-CI(180),AG-CI(180)
L2353060-05X9	Tumble Vessel	B	NA		3.4	Y	Absent		-
L2353060-06A	5 gram Encore Sampler	B	NA		3.4	Y	Absent		NYTCL-8260HLW(14)
L2353060-06B	5 gram Encore Sampler	B	NA		3.4	Y	Absent		NYTCL-8260HLW(14)
L2353060-06C	5 gram Encore Sampler	B	NA		3.4	Y	Absent		NYTCL-8260HLW(14)
L2353060-06X	Vial MeOH preserved split	B	NA		3.4	Y	Absent		NYTCL-8260HLW(14)
L2353060-06Y	Vial Water preserved split	B	NA		3.4	Y	Absent	13-SEP-23 12:58	NYTCL-8260HLW(14)
L2353060-06Z	Vial Water preserved split	B	NA		3.4	Y	Absent	13-SEP-23 12:58	NYTCL-8260HLW(14)
L2353060-07A	Metals Only-Glass 60mL/2oz unpreserved	C	NA		3.4	Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),AL-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),CU-TI(180),SB-TI(180),SE-TI(180),ZN-TI(180),PB-TI(180),CO-TI(180),V-TI(180),MG-TI(180),MN-TI(180),FE-TI(180),HG-T(28),CA-TI(180),K-TI(180),CD-TI(180),NA-TI(180)
L2353060-07B	Glass 120ml/4oz unpreserved	C	NA		3.4	Y	Absent		TCN-9010(14),NJEPH-TPH-CAT2(14),NYTCL-8270(14),IGNIT-1030(14),REACTS(14),HERB-APA(14),PH-9045(1),PAINTF(),NYTCL-8081(14),NYTCL-8082(365),REACTCN(14),HEXCR-7196(30)
L2353060-07C	Plastic 2oz unpreserved for TS	C	NA		3.4	Y	Absent		TS(7)

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Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2353060-07D	Glass 500ml/16oz unpreserved	C	NA		3.4	Y	Absent		TCN-9010(14),NJEPH-TPH-CAT2(14),NYTCL-8270(14),IGNIT-1030(14),REACTS(14),HERB-APA(14),PH-9045(1),PAINTF(),NYTCL-8081(14),NYTCL-8082(365),REACTCN(14),HEXCR-7196(30)
L2353060-07E	Glass 500ml/16oz unpreserved	C	NA		3.4	Y	Absent		TCN-9010(14),NJEPH-TPH-CAT2(14),NYTCL-8270(14),IGNIT-1030(14),REACTS(14),HERB-APA(14),PH-9045(1),PAINTF(),NYTCL-8081(14),NYTCL-8082(365),REACTCN(14),HEXCR-7196(30)
L2353060-07X	Plastic 120ml HNO3 preserved Extracts	C	NA		3.4	Y	Absent		CD-CI(180),BA-CI(180),AS-CI(180),HG-C(28),PB-CI(180),SE-CI(180),CR-CI(180),AG-CI(180)
L2353060-07X9	Tumble Vessel	C	NA		3.4	Y	Absent		-
L2353060-08A	5 gram Encore Sampler	B	NA		3.4	Y	Absent		NYTCL-8260HLW(14)
L2353060-08B	5 gram Encore Sampler	B	NA		3.4	Y	Absent		NYTCL-8260HLW(14)
L2353060-08C	5 gram Encore Sampler	B	NA		3.4	Y	Absent		NYTCL-8260HLW(14)
L2353060-08X	Vial MeOH preserved split	B	NA		3.4	Y	Absent		NYTCL-8260HLW(14)
L2353060-08Y	Vial Water preserved split	B	NA		3.4	Y	Absent	13-SEP-23 12:58	NYTCL-8260HLW(14)
L2353060-08Z	Vial Water preserved split	B	NA		3.4	Y	Absent	13-SEP-23 12:58	NYTCL-8260HLW(14)
L2353060-09A	Metals Only-Glass 60mL/2oz unpreserved	C	NA		3.4	Y	Absent		BE-TI(180),BA-TI(180),AS-TI(180),AG-TI(180),AL-TI(180),CR-TI(180),TL-TI(180),NI-TI(180),PB-TI(180),SE-TI(180),SB-TI(180),CU-TI(180),ZN-TI(180),V-TI(180),CO-TI(180),MN-TI(180),MG-TI(180),HG-T(28),FE-TI(180),CD-TI(180),CA-TI(180),NA-TI(180),K-TI(180)
L2353060-09B	Plastic 2oz unpreserved for TS	C	NA		3.4	Y	Absent		TS(7)
L2353060-09C	Glass 500ml/16oz unpreserved	C	NA		3.4	Y	Absent		NJEPH-TPH-CAT2(14),TCN-9010(14),IGNIT-1030(14),REACTS(14),NYTCL-8270(14),HERB-APA(14),PH-9045(1),PAINTF(),NYTCL-8081(14),NYTCL-8082(365),REACTCN(14),HEXCR-7196(30)
L2353060-09D	Glass 500ml/16oz unpreserved	C	NA		3.4	Y	Absent		NJEPH-TPH-CAT2(14),TCN-9010(14),IGNIT-1030(14),REACTS(14),NYTCL-8270(14),HERB-APA(14),PH-9045(1),PAINTF(),NYTCL-8081(14),NYTCL-8082(365),REACTCN(14),HEXCR-7196(30)
L2353060-09X	Plastic 120ml HNO3 preserved Extracts	C	NA		3.4	Y	Absent		CD-CI(180),AS-CI(180),BA-CI(180),HG-C(28),PB-CI(180),CR-CI(180),SE-CI(180),AG-CI(180)
L2353060-09X9	Tumble Vessel	C	NA		3.4	Y	Absent		-
L2353060-10A	5 gram Encore Sampler	C	NA		3.4	Y	Absent		NYTCL-8260HLW(14)

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Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2353060-10B	5 gram Encore Sampler	C	NA		3.4	Y	Absent		NYTCL-8260HLW(14)
L2353060-10C	5 gram Encore Sampler	C	NA		3.4	Y	Absent		NYTCL-8260HLW(14)
L2353060-10X	Vial MeOH preserved split	C	NA		3.4	Y	Absent		NYTCL-8260HLW(14)
L2353060-10Y	Vial Water preserved split	C	NA		3.4	Y	Absent	13-SEP-23 12:58	NYTCL-8260HLW(14)
L2353060-10Z	Vial Water preserved split	C	NA		3.4	Y	Absent	13-SEP-23 12:58	NYTCL-8260HLW(14)
L2353060-11A	Metals Only-Glass 60mL/2oz unpreserved	B	NA		3.4	Y	Absent		BE-Ti(180),AS-Ti(180),BA-Ti(180),AG-Ti(180),NI-Ti(180),AL-Ti(180),TL-Ti(180),CR-Ti(180),CU-Ti(180),PB-Ti(180),ZN-Ti(180),SB-Ti(180),SE-Ti(180),CO-Ti(180),V-Ti(180),HG-T(28),FE-Ti(180),MG-Ti(180),MN-Ti(180),CD-Ti(180),NA-Ti(180),CA-Ti(180),K-Ti(180)
L2353060-11B	Glass 120ml/4oz unpreserved	B	NA		3.4	Y	Absent		IGNIT-1030(14),NJEPH-TPH-CAT2(14),TCN-9010(14),REACTS(14),NYTCL-8270(14),HERB-APA(14),PH-9045(1),NYTCL-8081(14),PAINTF(),REACTCN(14),NYTCL-8082(365),HEXCR-7196(30)
L2353060-11C	Plastic 2oz unpreserved for TS	B	NA		3.4	Y	Absent		TS(7)
L2353060-11D	Glass 500ml/16oz unpreserved	B	NA		3.4	Y	Absent		IGNIT-1030(14),NJEPH-TPH-CAT2(14),TCN-9010(14),REACTS(14),NYTCL-8270(14),HERB-APA(14),PH-9045(1),NYTCL-8081(14),PAINTF(),REACTCN(14),NYTCL-8082(365),HEXCR-7196(30)
L2353060-11E	Glass 500ml/16oz unpreserved	B	NA		3.4	Y	Absent		IGNIT-1030(14),NJEPH-TPH-CAT2(14),TCN-9010(14),REACTS(14),NYTCL-8270(14),HERB-APA(14),PH-9045(1),NYTCL-8081(14),PAINTF(),REACTCN(14),NYTCL-8082(365),HEXCR-7196(30)
L2353060-11X	Plastic 120ml HNO3 preserved Extracts	B	NA		3.4	Y	Absent		CD-CI(180),AS-CI(180),BA-CI(180),HG-C(28),PB-CI(180),CR-CI(180),SE-CI(180),AG-CI(180)
L2353060-11X9	Tumble Vessel	B	NA		3.4	Y	Absent		-
L2353060-12A	5 gram Encore Sampler	C	NA		3.4	Y	Absent		NYTCL-8260HLW(14)
L2353060-12B	5 gram Encore Sampler	C	NA		3.4	Y	Absent		NYTCL-8260HLW(14)
L2353060-12C	5 gram Encore Sampler	C	NA		3.4	Y	Absent		NYTCL-8260HLW(14)
L2353060-12X	Vial MeOH preserved split	C	NA		3.4	Y	Absent		NYTCL-8260HLW(14)
L2353060-12Y	Vial Water preserved split	C	NA		3.4	Y	Absent	13-SEP-23 12:58	NYTCL-8260HLW(14)
L2353060-12Z	Vial Water preserved split	C	NA		3.4	Y	Absent	13-SEP-23 12:58	NYTCL-8260HLW(14)

Project Name: SUN VALLEY
Project Number: 12060 / PHASE 8

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GLOSSARY

Acronyms

DL	- Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the limit of quantitation (LOQ). The DL includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
EDL	- Estimated Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The EDL includes any adjustments from dilutions, concentrations or moisture content, where applicable. The use of EDLs is specific to the analysis of PAHs using Solid-Phase Microextraction (SPME).
EMPC	- Estimated Maximum Possible Concentration: The concentration that results from the signal present at the retention time of an analyte when the ions meet all of the identification criteria except the ion abundance ratio criteria. An EMPC is a worst-case estimate of the concentration.
EPA	- Environmental Protection Agency.
LCS	- Laboratory Control Sample: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.
LCSD	- Laboratory Control Sample Duplicate: Refer to LCS.
LFB	- Laboratory Fortified Blank: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.
LOD	- Limit of Detection: This value represents the level to which a target analyte can reliably be detected for a specific analyte in a specific matrix by a specific method. The LOD includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
LOQ	- Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.) Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
MDL	- Method Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The MDL includes any adjustments from dilutions, concentrations or moisture content, where applicable.
MS	- Matrix Spike Sample: A sample prepared by adding a known mass of target analyte to a specified amount of matrix sample for which an independent estimate of target analyte concentration is available. For Method 332.0, the spike recovery is calculated using the native concentration, including estimated values.
MSD	- Matrix Spike Sample Duplicate: Refer to MS.
NA	- Not Applicable.
NC	- Not Calculated: Term is utilized when one or more of the results utilized in the calculation are non-detect at the parameter's reporting unit.
NDPA/DPA	- N-Nitrosodiphenylamine/Diphenylamine.
NI	- Not Ignitable.
NP	- Non-Plastic: Term is utilized for the analysis of Atterberg Limits in soil.
NR	- No Results: Term is utilized when 'No Target Compounds Requested' is reported for the analysis of Volatile or Semivolatile Organic TIC only requests.
RL	- Reporting Limit: The value at which an instrument can accurately measure an analyte at a specific concentration. The RL includes any adjustments from dilutions, concentrations or moisture content, where applicable.
RPD	- Relative Percent Difference: The results from matrix and/or matrix spike duplicates are primarily designed to assess the precision of analytical results in a given matrix and are expressed as relative percent difference (RPD). Values which are less than five times the reporting limit for any individual parameter are evaluated by utilizing the absolute difference between the values; although the RPD value will be provided in the report.
SRM	- Standard Reference Material: A reference sample of a known or certified value that is of the same or similar matrix as the associated field samples.
STLP	- Semi-dynamic Tank Leaching Procedure per EPA Method 1315.
TEF	- Toxic Equivalency Factors: The values assigned to each dioxin and furan to evaluate their toxicity relative to 2,3,7,8-TCDD.
TEQ	- Toxic Equivalent: The measure of a sample's toxicity derived by multiplying each dioxin and furan by its corresponding TEF and then summing the resulting values.
TIC	- Tentatively Identified Compound: A compound that has been identified to be present and is not part of the target compound list (TCL) for the method and/or program. All TICs are qualitatively identified and reported as estimated concentrations.

Report Format: DU Report with 'J' Qualifiers



Project Name: SUN VALLEY
Project Number: 12060 / PHASE 8

Lab Number: L2353060
Report Date: 09/19/23

Footnotes

- 1 - The reference for this analyte should be considered modified since this analyte is absent from the target analyte list of the original method.

Terms

Analytical Method: Both the document from which the method originates and the analytical reference method. (Example: EPA 8260B is shown as 1,8260B.) The codes for the reference method documents are provided in the References section of the Addendum.

Chlordane: The target compound Chlordane (CAS No. 57-74-9) is reported for GC ECD analyses. Per EPA, this compound "refers to a mixture of chlordane isomers, other chlorinated hydrocarbons and numerous other components." (Reference: USEPA Toxicological Review of Chlordane, In Support of Summary Information on the Integrated Risk Information System (IRIS), December 1997.)

Difference: With respect to Total Oxidizable Precursor (TOP) Assay analysis, the difference is defined as the Post-Treatment value minus the Pre-Treatment value.

Final pH: As it pertains to Sample Receipt & Container Information section of the report, Final pH reflects pH of container determined after adjustment at the laboratory, if applicable. If no adjustment required, value reflects Initial pH.

Frozen Date/Time: With respect to Volatile Organics in soil, Frozen Date/Time reflects the date/time at which associated Reagent Water-preserved vials were initially frozen. Note: If frozen date/time is beyond 48 hours from sample collection, value will be reflected in 'bold'.

Gasoline Range Organics (GRO): Gasoline Range Organics (GRO) results include all chromatographic peaks eluting from Methyl tert butyl ether through Naphthalene, with the exception of GRO analysis in support of State of Ohio programs, which includes all chromatographic peaks eluting from Hexane through Dodecane.

Initial pH: As it pertains to Sample Receipt & Container Information section of the report, Initial pH reflects pH of container determined upon receipt, if applicable.

PAH Total: With respect to Alkylated PAH analyses, the 'PAHs, Total' result is defined as the summation of results for all or a subset of the following compounds: Naphthalene, C1-C4 Naphthalenes, 2-Methylnaphthalene, 1-Methylnaphthalene, Biphenyl, Acenaphthylene, Acenaphthene, Fluorene, C1-C3 Fluorenes, Phenanthrene, C1-C4 Phenanthrenes/Anthracenes, Anthracene, Fluoranthene, Pyrene, C1-C4 Fluoranthenes/Pyrenes, Benz(a)anthracene, Chrysene, C1-C4 Chrysenes, Benzo(b)fluoranthene, Benzo(j)+(k)fluoranthene, Benzo(e)pyrene, Benzo(a)pyrene, Perylene, Indeno(1,2,3-cd)pyrene, Dibenz(ah)+(ac)anthracene, Benzo(g,h,i)perylene. If a 'Total' result is requested, the results of its individual components will also be reported.

PFAS Total: With respect to PFAS analyses, the 'PFAS, Total (5)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA and PFOS. In addition, the 'PFAS, Total (6)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA, PFDA and PFOS. For MassDEP DW compliance analysis only, the 'PFAS, Total (6)' result is defined as the summation of results at or above the RL. Note: If a 'Total' result is requested, the results of its individual components will also be reported.

Total: With respect to Organic analyses, a 'Total' result is defined as the summation of results for individual isomers or Aroclors. If a 'Total' result is requested, the results of its individual components will also be reported. This is applicable to 'Total' results for methods 8260, 8081 and 8082.

Data Qualifiers

- A** - Spectra identified as "Aldol Condensates" are byproducts of the extraction/concentration procedures when acetone is introduced in the process.
- B** - The analyte was detected above the reporting limit in the associated method blank. Flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For MCP-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For DOD-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank AND the analyte was detected above one-half the reporting limit (or above the reporting limit for common lab contaminants) in the associated method blank. For NJ-Air-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte above the reporting limit. For NJ-related projects (excluding Air), flag only applies to associated field samples that have detectable concentrations of the analyte, which was detected above the reporting limit in the associated method blank or above five times the reporting limit for common lab contaminants (Phthalates, Acetone, Methylene Chloride, 2-Butanone).
- C** - Co-elution: The target analyte co-elutes with a known lab standard (i.e. surrogate, internal standards, etc.) for co-extracted analyses.
- D** - Concentration of analyte was quantified from diluted analysis. Flag only applies to field samples that have detectable concentrations of the analyte.
- E** - Concentration of analyte exceeds the range of the calibration curve and/or linear range of the instrument.
- F** - The ratio of quantifier ion response to qualifier ion response falls outside of the laboratory criteria. Results are considered to be an estimated maximum concentration.
- G** - The concentration may be biased high due to matrix interferences (i.e. co-elution) with non-target compound(s). The result should be considered estimated.
- H** - The analysis of pH was performed beyond the regulatory-required holding time of 15 minutes from the time of sample collection.
- I** - The lower value for the two columns has been reported due to obvious interference.
- J** - Estimated value. The Target analyte concentration is below the quantitation limit (RL), but above the Method Detection Limit (MDL) or Estimated Detection Limit (EDL) for SPME-related analyses. This represents an estimated concentration for Tentatively

Report Format: DU Report with 'J' Qualifiers



Project Name: SUN VALLEY
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Report Date: 09/19/23

Data Qualifiers

Identified Compounds (TICs). For calculated parameters, this represents that one or more values used in the calculation were estimated.

- M** - Reporting Limit (RL) exceeds the MCP CAM Reporting Limit for this analyte.
- ND** - Not detected at the method detection limit (MDL) for the sample, or estimated detection limit (EDL) for SPME-related analyses.
- NJ** - Presumptive evidence of compound. This represents an estimated concentration for Tentatively Identified Compounds (TICs), where the identification is based on a mass spectral library search.
- P** - The RPD between the results for the two columns exceeds the method-specified criteria.
- Q** - The quality control sample exceeds the associated acceptance criteria. For DOD-related projects, LCS and/or Continuing Calibration Standard exceedences are also qualified on all associated sample results. Note: This flag is not applicable for matrix spike recoveries when the sample concentration is greater than 4x the spike added or for batch duplicate RPD when the sample concentrations are less than 5x the RL. (Metals only.)
- R** - Analytical results are from sample re-analysis.
- RE** - Analytical results are from sample re-extraction.
- S** - Analytical results are from modified screening analysis.
- V** - The surrogate associated with this target analyte has a recovery outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)
- Z** - The batch matrix spike and/or duplicate associated with this target analyte has a recovery/RPD outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)

Report Format: DU Report with 'J' Qualifiers



Project Name: SUN VALLEY
Project Number: 12060 / PHASE 8

Lab Number: L2353060
Report Date: 09/19/23

REFERENCES

- 1 Test Methods for Evaluating Solid Waste: Physical/Chemical Methods. EPA SW-846. Third Edition. Updates I - VI, 2018.
- 103 Analysis of Extractable Petroleum Hydrocarbon Compounds (EPH) in Aqueous and Soil/Sediment/Sludge Matrices. New Jersey Department of Environmental Protection, Site Remediation Program, (Version 1.1), Document # NJDEP EPH 10/08, Revision 3, August 2010.
- 121 Standard Methods for the Examination of Water and Wastewater. APHA-AWWA-WEF. Standard Methods Online.
- 125 Test Methods for Evaluating Solid Waste: Physical/Chemical Methods. EPA SW-846. Third Edition. Updates IIIA, April 1998.

LIMITATION OF LIABILITIES

Alpha Analytical performs services with reasonable care and diligence normal to the analytical testing laboratory industry. In the event of an error, the sole and exclusive responsibility of Alpha Analytical shall be to re-perform the work at it's own expense. In no event shall Alpha Analytical be held liable for any incidental, consequential or special damages, including but not limited to, damages in any way connected with the use of, interpretation of, information or analysis provided by Alpha Analytical.

We strongly urge our clients to comply with EPA protocol regarding sample volume, preservation, cooling, containers, sampling procedures, holding time and splitting of samples in the field.



Alpha Analytical, Inc.Facility: **Company-wide**Department: **Quality Assurance**Title: **Certificate/Approval Program Summary**ID No.: **17873**

Revision 20

Published Date: 6/16/2023 4:52:28 PM

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Certification Information

The following analytes are not included in our Primary NELAP Scope of Accreditation:

Westborough Facility**EPA 624.1:** m/p-xylene, o-xylene, Naphthalene**EPA 625.1:** alpha-Terpineol**EPA 8260D:** NPW: 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene, Azobenzene; SCM: Iodomethane (methyl iodide), 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene.**EPA 8270E:** NPW: Dimethylnaphthalene, 1,4-Diphenylhydrazine, alpha-Terpineol; SCM: Dimethylnaphthalene, 1,4-Diphenylhydrazine.**SM4500:** NPW: Amenable Cyanide; SCM: Total Phosphorus, TKN, NO₂, NO₃.**Mansfield Facility****SM 2540D:** TSS.**EPA TO-15:** Halothane, 2,4,4-Trimethyl-2-pentene, 2,4,4-Trimethyl-1-pentene, Thiophene, 2-Methylthiophene,

3-Methylthiophene, 2-Ethylthiophene, 1,2,3-Trimethylbenzene, Indan, Indene, 1,2,4,5-Tetramethylbenzene, Benzothiophene, 1-Methylnaphthalene.

Biological Tissue Matrix: EPA 3050B

The following analytes are included in our Massachusetts DEP Scope of Accreditation

Westborough Facility:**Drinking Water****EPA 300.0:** Chloride, Nitrate-N, Fluoride, Sulfate; **EPA 353.2:** Nitrate-N, Nitrite-N; **SM4500NO3-F:** Nitrate-N, Nitrite-N; **SM4500F-C, SM4500CN-CE,****EPA 180.1, SM2130B, SM4500Cl-D, SM2320B, SM2540C, SM4500H-B, SM4500NO2-B****EPA 524.2:** THMs and VOCs; **EPA 504.1:** EDB, DBCP.**Microbiology:** **SM9215B; SM9223-P/A, SM9223B-Colilert-QT, SM9222D.****Non-Potable Water****SM4500H,B, EPA 120.1, SM2510B, SM2540C, SM2320B, SM4500CL-E, SM4500F-BC, SM4500NH3-BH:** Ammonia-N and Kjeldahl-N, **EPA 350.1:**Ammonia-N, **LACHAT 10-107-06-1-B:** Ammonia-N, **EPA 351.1, SM4500NO3-F, EPA 353.2:** Nitrate-N, **SM4500P-E, SM4500P-B, E, SM4500SO4-E,****SM5220D, EPA 410.4, SM5210B, SM5310C, SM4500CL-D, EPA 1664, EPA 420.1, SM4500-CN-CE, SM2540D, EPA 300:** Chloride, Sulfate, Nitrate.**EPA 624.1:** Volatile Halocarbons & Aromatics,**EPA 608.3:** Chlordane, Toxaphene, Aldrin, alpha-BHC, beta-BHC, gamma-BHC, delta-BHC, Dieldrin, DDD, DDE, DDT, Endosulfan I, Endosulfan II,

Endosulfan sulfate, Endrin, Endrin Aldehyde, Heptachlor, Heptachlor Epoxide, PCBs

EPA 625.1: SVOC (Acid/Base/Neutral Extractables).**Microbiology:** **SM9223B-Colilert-QT; Enterolert-QT, SM9221E, EPA 1600, EPA 1603, SM9222D.****Mansfield Facility:****Drinking Water****EPA 200.7:** Al, Ba, Cd, Cr, Cu, Fe, Mn, Ni, Na, Ag, Ca, Zn. **EPA 200.8:** Al, Sb, As, Ba, Be, Cd, Cr, Cu, Pb, Mn, Ni, Se, Ag, TL, Zn. **EPA 245.1** Hg.**EPA 522, EPA 537.1.****Non-Potable Water****EPA 200.7:** Al, Sb, As, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Mo, Ni, K, Se, Ag, Na, Sr, TL, Ti, V, Zn.**EPA 200.8:** Al, Sb, As, Be, Cd, Cr, Cu, Fe, Pb, Mn, Ni, K, Se, Ag, Na, TL, Zn.**EPA 245.1** Hg.**SM2340B**

For a complete listing of analytes and methods, please contact your Alpha Project Manager.

1 of 2

ALPHA Job #
L2353 060

Relinquished By:	Date/Time	Received By:	Date/Time
Morgan	9/12/23 @ 1555	Spencer HPL	9/12/23 1555
Spencer	9/12/23 1725	WLS	9/12/23 18:50
WLS	9/12/23	WLS	9/12/23 2200
WLS	9/13/23 0030	WLS	9/13/23 0030

2 of 2

9/13/23

L2353060

FAX: 508-822-3288

of Days:

PO

☐ NYC Sewer Discharge☐ Other _____☐ Other: _____

Flex Cr + PSI	☐	☐	Pro	☐
			(PI	
			San	

5 (Please Specify below)

5	2
2	5

Date/Time

9/12/23 1555

20/12/2018

محکمہ

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ANALYTICAL REPORT

Lab Number:	L2353480
Client:	Soils Engineering Services, Inc. 959 Route 46E Parsippany, NJ 07054
ATTN:	James Vander Vliet
Phone:	(973) 808-9050
Project Name:	SUN VALLEY SITE
Project Number:	12060 / PHASE 8
Report Date:	09/20/23

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Certifications & Approvals: MA (M-MA086), NH NELAP (2064), CT (PH-0826), IL (200077), IN (C-MA-03), KY (KY98045), ME (MA00086), MD (348), NJ (MA935), NY (11148), NC (25700/666), OH (CL108), OR (MA-1316), PA (68-03671), RI (LAO00065), TX (T104704476), VT (VT-0935), VA (460195), USDA (Permit #525-23-122-91930).

Eight Walkup Drive, Westborough, MA 01581-1019
508-898-9220 (Fax) 508-898-9193 800-624-9220 - www.alphalab.com



Project Name: SUN VALLEY SITE
Project Number: 12060 / PHASE 8

Lab Number: L2353480
Report Date: 09/20/23

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L2353480-01	COMP_D3(0-7)	SOIL	OSINING, NY	09/13/23 09:50	09/13/23
L2353480-02	GRAB_D3(5.5-6)	SOIL	OSINING, NY	09/13/23 09:50	09/13/23
L2353480-03	COMP_E3(0-6)	SOIL	OSINING, NY	09/13/23 11:30	09/13/23
L2353480-04	GRAB_E3(3.5-4)	SOIL	OSINING, NY	09/13/23 11:30	09/13/23
L2353480-05	COMP_F3(0-10)	SOIL	OSINING, NY	09/13/23 13:00	09/13/23
L2353480-06	GRAB_F3(4.5-5)	SOIL	OSINING, NY	09/13/23 13:00	09/13/23
L2353480-07	COMP_F2(0-7)	SOIL	OSINING, NY	09/13/23 14:45	09/13/23
L2353480-08	GRAB_F2(4.5-5)	SOIL	OSINING, NY	09/13/23 14:45	09/13/23
L2353480-09	COMP_F2(7-15)	SOIL	OSINING, NY	09/13/23 15:45	09/13/23
L2353480-10	GRAB_F2(10-10.5)	SOIL	OSINING, NY	09/13/23 15:45	09/13/23

Project Name: SUN VALLEY SITE
Project Number: 12060 / PHASE 8

Lab Number: L2353480
Report Date: 09/20/23

Case Narrative

The samples were received in accordance with the Chain of Custody and no significant deviations were encountered during the preparation or analysis unless otherwise noted. Sample Receipt, Container Information, and the Chain of Custody are located at the back of the report.

Results contained within this report relate only to the samples submitted under this Alpha Lab Number and meet NELAP requirements for all NELAP accredited parameters unless otherwise noted in the following narrative. The data presented in this report is organized by parameter (i.e. VOC, SVOC, etc.). Sample specific Quality Control data (i.e. Surrogate Spike Recovery) is reported at the end of the target analyte list for each individual sample, followed by the Laboratory Batch Quality Control at the end of each parameter. Tentatively Identified Compounds (TICs), if requested, are reported for compounds identified to be present and are not part of the method/program Target Compound List, even if only a subset of the TCL are being reported. If a sample was re-analyzed or re-extracted due to a required quality control corrective action and if both sets of data are reported, the Laboratory ID of the re-analysis or re-extraction is designated with an "R" or "RE", respectively.

When multiple Batch Quality Control elements are reported (e.g. more than one LCS), the associated samples for each element are noted in the grey shaded header line of each data table. Any Laboratory Batch, Sample Specific % recovery or RPD value that is outside the listed Acceptance Criteria is bolded in the report. In reference to questions H (CAM) or 4 (RCP) when "NO" is checked, the performance criteria for CAM and RCP methods allow for some quality control failures to occur and still be within method compliance. In these instances, the specific failure is not narrated but noted in the associated QC Outlier Summary Report, located directly after the Case Narrative. QC information is also incorporated in the Data Usability Assessment table (Format 11) of our Data Merger tool, where it can be reviewed in conjunction with the sample result, associated regulatory criteria and any associated data usability implications.

Soil/sediments, solids and tissues are reported on a dry weight basis unless otherwise noted. Definitions of all data qualifiers and acronyms used in this report are provided in the Glossary located at the back of the report.

HOLD POLICY - For samples submitted on hold, Alpha's policy is to hold samples (with the exception of Air canisters) free of charge for 21 calendar days from the date the project is completed. After 21 calendar days, we will dispose of all samples submitted including those put on hold unless you have contacted your Alpha Project Manager and made arrangements for Alpha to continue to hold the samples. Air canisters will be disposed after 3 business days from the date the project is completed.

Please contact Project Management at 800-624-9220 with any questions.

Project Name: SUN VALLEY SITE
Project Number: 12060 / PHASE 8

Lab Number: L2353480
Report Date: 09/20/23

Case Narrative (continued)

Report Submission

All non-detect (ND) or estimated concentrations (J-qualified) have been quantitated to the limit noted in the MDL column.

Sample Receipt

L2353480-02, -04, -06, -08, and -10: The grab samples submitted for Volatile Organics were received without raw soil for the Total Solids analysis. At the client's request, the Total Solids results from the corresponding composite samples were utilized in the dry weight calculation of the Volatile Organics data.

Total Metals

L2353480-01, -03, -05, -07, and -09: The sample has elevated detection limits for all elements, with the exception of mercury, due to the dilution required by the sample matrix.

Cyanide, Total

The WG1827407-2 LCS recovery for cyanide, total (147%), associated with L2353480-01, -03, -05, -07, and -09, is outside our in-house acceptance criteria, but within the vendor-certified acceptance limits. The results of the original analyses are reported.

I, the undersigned, attest under the pains and penalties of perjury that, to the best of my knowledge and belief and based upon my personal inquiry of those responsible for providing the information contained in this analytical report, such information is accurate and complete. This certificate of analysis is not complete unless this page accompanies any and all pages of this report.

Authorized Signature:



Kelly O'Neill

Title: Technical Director/Representative

Date: 09/20/23

ORGANICS

VOLATILES

Project Name: SUN VALLEY SITE
Project Number: 12060 / PHASE 8

Lab Number: L2353480
Report Date: 09/20/23

SAMPLE RESULTS

Lab ID: L2353480-02
Client ID: GRAB_D3(5.5-6)
Sample Location: OSINING, NY

Date Collected: 09/13/23 09:50
Date Received: 09/13/23
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 09/15/23 13:44
Analyst: LAC
Percent Solids: 85%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	4.5	2.1	1
1,1-Dichloroethane	ND		ug/kg	0.91	0.13	1
Chloroform	ND		ug/kg	1.4	0.13	1
Carbon tetrachloride	ND		ug/kg	0.91	0.21	1
1,2-Dichloropropane	ND		ug/kg	0.91	0.11	1
Dibromochloromethane	ND		ug/kg	0.91	0.13	1
1,1,2-Trichloroethane	ND		ug/kg	0.91	0.24	1
Tetrachloroethene	ND		ug/kg	0.45	0.18	1
Chlorobenzene	ND		ug/kg	0.45	0.12	1
Trichlorofluoromethane	ND		ug/kg	3.6	0.63	1
1,2-Dichloroethane	ND		ug/kg	0.91	0.23	1
1,1,1-Trichloroethane	ND		ug/kg	0.45	0.15	1
Bromodichloromethane	ND		ug/kg	0.45	0.10	1
trans-1,3-Dichloropropene	ND		ug/kg	0.91	0.25	1
cis-1,3-Dichloropropene	ND		ug/kg	0.45	0.14	1
1,3-Dichloropropene, Total	ND		ug/kg	0.45	0.14	1
1,1-Dichloropropene	ND		ug/kg	0.45	0.14	1
Bromoform	ND		ug/kg	3.6	0.22	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.45	0.15	1
Benzene	ND		ug/kg	0.45	0.15	1
Toluene	ND		ug/kg	0.91	0.49	1
Ethylbenzene	ND		ug/kg	0.91	0.13	1
Chloromethane	ND		ug/kg	3.6	0.84	1
Bromomethane	ND		ug/kg	1.8	0.53	1
Vinyl chloride	ND		ug/kg	0.91	0.30	1
Chloroethane	ND		ug/kg	1.8	0.41	1
1,1-Dichloroethene	ND		ug/kg	0.91	0.22	1
trans-1,2-Dichloroethene	ND		ug/kg	1.4	0.12	1

Project Name: SUN VALLEY SITE**Lab Number:** L2353480**Project Number:** 12060 / PHASE 8**Report Date:** 09/20/23**SAMPLE RESULTS**

Lab ID: L2353480-02
 Client ID: GRAB_D3(5.5-6)
 Sample Location: OSINING, NY

Date Collected: 09/13/23 09:50
 Date Received: 09/13/23
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Trichloroethene	ND		ug/kg	0.45	0.12	1
1,2-Dichlorobenzene	ND		ug/kg	1.8	0.13	1
1,3-Dichlorobenzene	ND		ug/kg	1.8	0.13	1
1,4-Dichlorobenzene	ND		ug/kg	1.8	0.15	1
Methyl tert butyl ether	ND		ug/kg	1.8	0.18	1
p/m-Xylene	ND		ug/kg	1.8	0.51	1
o-Xylene	ND		ug/kg	0.91	0.26	1
Xylenes, Total	ND		ug/kg	0.91	0.26	1
cis-1,2-Dichloroethene	ND		ug/kg	0.91	0.16	1
1,2-Dichloroethene, Total	ND		ug/kg	0.91	0.12	1
Dibromomethane	ND		ug/kg	1.8	0.22	1
Styrene	ND		ug/kg	0.91	0.18	1
Dichlorodifluoromethane	ND		ug/kg	9.1	0.83	1
Acetone	6.2	J	ug/kg	9.1	4.4	1
Carbon disulfide	ND		ug/kg	9.1	4.1	1
2-Butanone	ND		ug/kg	9.1	2.0	1
Vinyl acetate	ND		ug/kg	9.1	1.9	1
4-Methyl-2-pentanone	ND		ug/kg	9.1	1.2	1
1,2,3-Trichloropropane	ND		ug/kg	1.8	0.12	1
2-Hexanone	ND		ug/kg	9.1	1.1	1
Bromochloromethane	ND		ug/kg	1.8	0.18	1
2,2-Dichloropropane	ND		ug/kg	1.8	0.18	1
1,2-Dibromoethane	ND		ug/kg	0.91	0.25	1
1,3-Dichloropropane	ND		ug/kg	1.8	0.15	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.45	0.12	1
Bromobenzene	ND		ug/kg	1.8	0.13	1
n-Butylbenzene	ND		ug/kg	0.91	0.15	1
sec-Butylbenzene	ND		ug/kg	0.91	0.13	1
tert-Butylbenzene	ND		ug/kg	1.8	0.11	1
o-Chlorotoluene	ND		ug/kg	1.8	0.17	1
p-Chlorotoluene	ND		ug/kg	1.8	0.10	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	2.7	0.90	1
Hexachlorobutadiene	ND		ug/kg	3.6	0.15	1
Isopropylbenzene	ND		ug/kg	0.91	0.10	1
p-Isopropyltoluene	ND		ug/kg	0.91	0.10	1
Naphthalene	ND		ug/kg	3.6	0.59	1
Acrylonitrile	ND		ug/kg	3.6	1.0	1

Project Name: SUN VALLEY SITE
Project Number: 12060 / PHASE 8

Lab Number: L2353480
Report Date: 09/20/23

SAMPLE RESULTS

Lab ID: L2353480-02
Client ID: GRAB_D3(5.5-6)
Sample Location: OSINING, NY

Date Collected: 09/13/23 09:50
Date Received: 09/13/23
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
n-Propylbenzene	ND		ug/kg	0.91	0.15	1
1,2,3-Trichlorobenzene	ND		ug/kg	1.8	0.29	1
1,2,4-Trichlorobenzene	ND		ug/kg	1.8	0.25	1
1,3,5-Trimethylbenzene	ND		ug/kg	1.8	0.17	1
1,2,4-Trimethylbenzene	ND		ug/kg	1.8	0.30	1
1,4-Dioxane	ND		ug/kg	72	32.	1
p-Diethylbenzene	ND		ug/kg	1.8	0.16	1
p-Ethyltoluene	ND		ug/kg	1.8	0.35	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	1.8	0.17	1
Ethyl ether	ND		ug/kg	1.8	0.31	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	4.5	1.3	1

Tentatively Identified Compounds

Total TIC Compounds	2.54	J	ug/kg	1
Cyclotrisiloxane, Hexamethyl-	2.54	NJ	ug/kg	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	102		70-130
Toluene-d8	97		70-130
4-Bromofluorobenzene	100		70-130
Dibromofluoromethane	98		70-130

Project Name: SUN VALLEY SITE
Project Number: 12060 / PHASE 8

Lab Number: L2353480
Report Date: 09/20/23

SAMPLE RESULTS

Lab ID: L2353480-04
Client ID: GRAB_E3(3.5-4)
Sample Location: OSINING, NY

Date Collected: 09/13/23 11:30
Date Received: 09/13/23
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 09/15/23 14:23
Analyst: LAC
Percent Solids: 91%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	4.7	2.2	1
1,1-Dichloroethane	ND		ug/kg	0.94	0.14	1
Chloroform	ND		ug/kg	1.4	0.13	1
Carbon tetrachloride	ND		ug/kg	0.94	0.22	1
1,2-Dichloropropane	ND		ug/kg	0.94	0.12	1
Dibromochloromethane	ND		ug/kg	0.94	0.13	1
1,1,2-Trichloroethane	ND		ug/kg	0.94	0.25	1
Tetrachloroethene	ND		ug/kg	0.47	0.18	1
Chlorobenzene	ND		ug/kg	0.47	0.12	1
Trichlorofluoromethane	ND		ug/kg	3.8	0.65	1
1,2-Dichloroethane	ND		ug/kg	0.94	0.24	1
1,1,1-Trichloroethane	ND		ug/kg	0.47	0.16	1
Bromodichloromethane	ND		ug/kg	0.47	0.10	1
trans-1,3-Dichloropropene	ND		ug/kg	0.94	0.26	1
cis-1,3-Dichloropropene	ND		ug/kg	0.47	0.15	1
1,3-Dichloropropene, Total	ND		ug/kg	0.47	0.15	1
1,1-Dichloropropene	ND		ug/kg	0.47	0.15	1
Bromoform	ND		ug/kg	3.8	0.23	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.47	0.16	1
Benzene	ND		ug/kg	0.47	0.16	1
Toluene	ND		ug/kg	0.94	0.51	1
Ethylbenzene	ND		ug/kg	0.94	0.13	1
Chloromethane	ND		ug/kg	3.8	0.88	1
Bromomethane	ND		ug/kg	1.9	0.54	1
Vinyl chloride	ND		ug/kg	0.94	0.31	1
Chloroethane	ND		ug/kg	1.9	0.42	1
1,1-Dichloroethene	ND		ug/kg	0.94	0.22	1
trans-1,2-Dichloroethene	ND		ug/kg	1.4	0.13	1

Project Name: SUN VALLEY SITE

Lab Number: L2353480

Project Number: 12060 / PHASE 8

Report Date: 09/20/23

SAMPLE RESULTS

Lab ID: L2353480-04
 Client ID: GRAB_E3(3.5-4)
 Sample Location: OSINING, NY

Date Collected: 09/13/23 11:30
 Date Received: 09/13/23
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Trichloroethene	ND		ug/kg	0.47	0.13	1
1,2-Dichlorobenzene	ND		ug/kg	1.9	0.14	1
1,3-Dichlorobenzene	ND		ug/kg	1.9	0.14	1
1,4-Dichlorobenzene	ND		ug/kg	1.9	0.16	1
Methyl tert butyl ether	ND		ug/kg	1.9	0.19	1
p/m-Xylene	ND		ug/kg	1.9	0.53	1
o-Xylene	ND		ug/kg	0.94	0.27	1
Xylenes, Total	ND		ug/kg	0.94	0.27	1
cis-1,2-Dichloroethene	ND		ug/kg	0.94	0.16	1
1,2-Dichloroethene, Total	ND		ug/kg	0.94	0.13	1
Dibromomethane	ND		ug/kg	1.9	0.22	1
Styrene	ND		ug/kg	0.94	0.18	1
Dichlorodifluoromethane	ND		ug/kg	9.4	0.86	1
Acetone	5.8	J	ug/kg	9.4	4.5	1
Carbon disulfide	ND		ug/kg	9.4	4.3	1
2-Butanone	2.7	J	ug/kg	9.4	2.1	1
Vinyl acetate	ND		ug/kg	9.4	2.0	1
4-Methyl-2-pentanone	ND		ug/kg	9.4	1.2	1
1,2,3-Trichloropropane	ND		ug/kg	1.9	0.12	1
2-Hexanone	ND		ug/kg	9.4	1.1	1
Bromochloromethane	ND		ug/kg	1.9	0.19	1
2,2-Dichloropropane	ND		ug/kg	1.9	0.19	1
1,2-Dibromoethane	ND		ug/kg	0.94	0.26	1
1,3-Dichloropropane	ND		ug/kg	1.9	0.16	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.47	0.12	1
Bromobenzene	ND		ug/kg	1.9	0.14	1
n-Butylbenzene	ND		ug/kg	0.94	0.16	1
sec-Butylbenzene	ND		ug/kg	0.94	0.14	1
tert-Butylbenzene	ND		ug/kg	1.9	0.11	1
o-Chlorotoluene	ND		ug/kg	1.9	0.18	1
p-Chlorotoluene	ND		ug/kg	1.9	0.10	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	2.8	0.94	1
Hexachlorobutadiene	ND		ug/kg	3.8	0.16	1
Isopropylbenzene	ND		ug/kg	0.94	0.10	1
p-Isopropyltoluene	ND		ug/kg	0.94	0.10	1
Naphthalene	ND		ug/kg	3.8	0.61	1
Acrylonitrile	ND		ug/kg	3.8	1.1	1

Project Name: SUN VALLEY SITE
Project Number: 12060 / PHASE 8

Lab Number: L2353480
Report Date: 09/20/23

SAMPLE RESULTS

Lab ID: L2353480-04
Client ID: GRAB_E3(3.5-4)
Sample Location: OSINING, NY

Date Collected: 09/13/23 11:30
Date Received: 09/13/23
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
n-Propylbenzene	ND		ug/kg	0.94	0.16	1
1,2,3-Trichlorobenzene	ND		ug/kg	1.9	0.30	1
1,2,4-Trichlorobenzene	ND		ug/kg	1.9	0.26	1
1,3,5-Trimethylbenzene	ND		ug/kg	1.9	0.18	1
1,2,4-Trimethylbenzene	ND		ug/kg	1.9	0.31	1
1,4-Dioxane	ND		ug/kg	75	33.	1
p-Diethylbenzene	ND		ug/kg	1.9	0.17	1
p-Ethyltoluene	ND		ug/kg	1.9	0.36	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	1.9	0.18	1
Ethyl ether	ND		ug/kg	1.9	0.32	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	4.7	1.3	1

Tentatively Identified Compounds

Total TIC Compounds	2.70	J	ug/kg	1
Cyclotrisiloxane, Hexamethyl-	2.70	NJ	ug/kg	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	98		70-130
Toluene-d8	97		70-130
4-Bromofluorobenzene	97		70-130
Dibromofluoromethane	98		70-130

Project Name: SUN VALLEY SITE
Project Number: 12060 / PHASE 8

Lab Number: L2353480
Report Date: 09/20/23

SAMPLE RESULTS

Lab ID: L2353480-06
Client ID: GRAB_F3(4.5-5)
Sample Location: OSINING, NY

Date Collected: 09/13/23 13:00
Date Received: 09/13/23
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 09/15/23 15:02
Analyst: LAC
Percent Solids: 93%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	4.8	2.2	1
1,1-Dichloroethane	ND		ug/kg	0.96	0.14	1
Chloroform	ND		ug/kg	1.4	0.13	1
Carbon tetrachloride	ND		ug/kg	0.96	0.22	1
1,2-Dichloropropane	ND		ug/kg	0.96	0.12	1
Dibromochloromethane	ND		ug/kg	0.96	0.13	1
1,1,2-Trichloroethane	ND		ug/kg	0.96	0.26	1
Tetrachloroethene	ND		ug/kg	0.48	0.19	1
Chlorobenzene	ND		ug/kg	0.48	0.12	1
Trichlorofluoromethane	ND		ug/kg	3.8	0.67	1
1,2-Dichloroethane	ND		ug/kg	0.96	0.25	1
1,1,1-Trichloroethane	ND		ug/kg	0.48	0.16	1
Bromodichloromethane	ND		ug/kg	0.48	0.10	1
trans-1,3-Dichloropropene	ND		ug/kg	0.96	0.26	1
cis-1,3-Dichloropropene	ND		ug/kg	0.48	0.15	1
1,3-Dichloropropene, Total	ND		ug/kg	0.48	0.15	1
1,1-Dichloropropene	ND		ug/kg	0.48	0.15	1
Bromoform	ND		ug/kg	3.8	0.24	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.48	0.16	1
Benzene	ND		ug/kg	0.48	0.16	1
Toluene	ND		ug/kg	0.96	0.52	1
Ethylbenzene	ND		ug/kg	0.96	0.14	1
Chloromethane	ND		ug/kg	3.8	0.90	1
Bromomethane	ND		ug/kg	1.9	0.56	1
Vinyl chloride	ND		ug/kg	0.96	0.32	1
Chloroethane	ND		ug/kg	1.9	0.44	1
1,1-Dichloroethene	ND		ug/kg	0.96	0.23	1
trans-1,2-Dichloroethene	ND		ug/kg	1.4	0.13	1

Project Name: SUN VALLEY SITE

Lab Number: L2353480

Project Number: 12060 / PHASE 8

Report Date: 09/20/23

SAMPLE RESULTS

Lab ID: L2353480-06
 Client ID: GRAB_F3(4.5-5)
 Sample Location: OSINING, NY

Date Collected: 09/13/23 13:00
 Date Received: 09/13/23
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Trichloroethene	ND		ug/kg	0.48	0.13	1
1,2-Dichlorobenzene	ND		ug/kg	1.9	0.14	1
1,3-Dichlorobenzene	ND		ug/kg	1.9	0.14	1
1,4-Dichlorobenzene	ND		ug/kg	1.9	0.16	1
Methyl tert butyl ether	ND		ug/kg	1.9	0.19	1
p/m-Xylene	ND		ug/kg	1.9	0.54	1
o-Xylene	ND		ug/kg	0.96	0.28	1
Xylenes, Total	ND		ug/kg	0.96	0.28	1
cis-1,2-Dichloroethene	ND		ug/kg	0.96	0.17	1
1,2-Dichloroethene, Total	ND		ug/kg	0.96	0.13	1
Dibromomethane	ND		ug/kg	1.9	0.23	1
Styrene	ND		ug/kg	0.96	0.19	1
Dichlorodifluoromethane	ND		ug/kg	9.6	0.88	1
Acetone	ND		ug/kg	9.6	4.6	1
Carbon disulfide	ND		ug/kg	9.6	4.4	1
2-Butanone	ND		ug/kg	9.6	2.1	1
Vinyl acetate	ND		ug/kg	9.6	2.1	1
4-Methyl-2-pentanone	ND		ug/kg	9.6	1.2	1
1,2,3-Trichloropropane	ND		ug/kg	1.9	0.12	1
2-Hexanone	ND		ug/kg	9.6	1.1	1
Bromochloromethane	ND		ug/kg	1.9	0.20	1
2,2-Dichloropropane	ND		ug/kg	1.9	0.19	1
1,2-Dibromoethane	ND		ug/kg	0.96	0.27	1
1,3-Dichloropropane	ND		ug/kg	1.9	0.16	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.48	0.13	1
Bromobenzene	ND		ug/kg	1.9	0.14	1
n-Butylbenzene	ND		ug/kg	0.96	0.16	1
sec-Butylbenzene	ND		ug/kg	0.96	0.14	1
tert-Butylbenzene	ND		ug/kg	1.9	0.11	1
o-Chlorotoluene	ND		ug/kg	1.9	0.18	1
p-Chlorotoluene	ND		ug/kg	1.9	0.10	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	2.9	0.96	1
Hexachlorobutadiene	ND		ug/kg	3.8	0.16	1
Isopropylbenzene	ND		ug/kg	0.96	0.10	1
p-Isopropyltoluene	ND		ug/kg	0.96	0.10	1
Naphthalene	ND		ug/kg	3.8	0.63	1
Acrylonitrile	ND		ug/kg	3.8	1.1	1

Project Name: SUN VALLEY SITE
Project Number: 12060 / PHASE 8

Lab Number: L2353480
Report Date: 09/20/23

SAMPLE RESULTS

Lab ID: L2353480-06
Client ID: GRAB_F3(4.5-5)
Sample Location: OSINING, NY

Date Collected: 09/13/23 13:00
Date Received: 09/13/23
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
n-Propylbenzene	ND		ug/kg	0.96	0.16	1
1,2,3-Trichlorobenzene	ND		ug/kg	1.9	0.31	1
1,2,4-Trichlorobenzene	ND		ug/kg	1.9	0.26	1
1,3,5-Trimethylbenzene	ND		ug/kg	1.9	0.19	1
1,2,4-Trimethylbenzene	ND		ug/kg	1.9	0.32	1
1,4-Dioxane	ND		ug/kg	77	34.	1
p-Diethylbenzene	ND		ug/kg	1.9	0.17	1
p-Ethyltoluene	ND		ug/kg	1.9	0.37	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	1.9	0.18	1
Ethyl ether	ND		ug/kg	1.9	0.33	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	4.8	1.4	1

Tentatively Identified Compounds

Total TIC Compounds	2.23	J	ug/kg	1
Cyclotrisiloxane, Hexamethyl-	2.23	NJ	ug/kg	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	101		70-130
Toluene-d8	97		70-130
4-Bromofluorobenzene	99		70-130
Dibromofluoromethane	98		70-130

Project Name: SUN VALLEY SITE
Project Number: 12060 / PHASE 8

Lab Number: L2353480
Report Date: 09/20/23

SAMPLE RESULTS

Lab ID: L2353480-08
Client ID: GRAB_F2(4.5-5)
Sample Location: OSINING, NY

Date Collected: 09/13/23 14:45
Date Received: 09/13/23
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 09/15/23 15:41
Analyst: LAC
Percent Solids: 93%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	4.3	2.0	1
1,1-Dichloroethane	ND		ug/kg	0.86	0.12	1
Chloroform	ND		ug/kg	1.3	0.12	1
Carbon tetrachloride	ND		ug/kg	0.86	0.20	1
1,2-Dichloropropane	ND		ug/kg	0.86	0.11	1
Dibromochloromethane	ND		ug/kg	0.86	0.12	1
1,1,2-Trichloroethane	ND		ug/kg	0.86	0.23	1
Tetrachloroethene	ND		ug/kg	0.43	0.17	1
Chlorobenzene	ND		ug/kg	0.43	0.11	1
Trichlorofluoromethane	ND		ug/kg	3.4	0.60	1
1,2-Dichloroethane	ND		ug/kg	0.86	0.22	1
1,1,1-Trichloroethane	ND		ug/kg	0.43	0.14	1
Bromodichloromethane	ND		ug/kg	0.43	0.09	1
trans-1,3-Dichloropropene	ND		ug/kg	0.86	0.23	1
cis-1,3-Dichloropropene	ND		ug/kg	0.43	0.14	1
1,3-Dichloropropene, Total	ND		ug/kg	0.43	0.14	1
1,1-Dichloropropene	ND		ug/kg	0.43	0.14	1
Bromoform	ND		ug/kg	3.4	0.21	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.43	0.14	1
Benzene	ND		ug/kg	0.43	0.14	1
Toluene	ND		ug/kg	0.86	0.47	1
Ethylbenzene	ND		ug/kg	0.86	0.12	1
Chloromethane	ND		ug/kg	3.4	0.80	1
Bromomethane	ND		ug/kg	1.7	0.50	1
Vinyl chloride	ND		ug/kg	0.86	0.29	1
Chloroethane	ND		ug/kg	1.7	0.39	1
1,1-Dichloroethene	ND		ug/kg	0.86	0.20	1
trans-1,2-Dichloroethene	ND		ug/kg	1.3	0.12	1

Project Name: SUN VALLEY SITE**Lab Number:** L2353480**Project Number:** 12060 / PHASE 8**Report Date:** 09/20/23**SAMPLE RESULTS**

Lab ID: L2353480-08
 Client ID: GRAB_F2(4.5-5)
 Sample Location: OSINING, NY

Date Collected: 09/13/23 14:45
 Date Received: 09/13/23
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Trichloroethene	ND		ug/kg	0.43	0.12	1
1,2-Dichlorobenzene	ND		ug/kg	1.7	0.12	1
1,3-Dichlorobenzene	ND		ug/kg	1.7	0.13	1
1,4-Dichlorobenzene	ND		ug/kg	1.7	0.15	1
Methyl tert butyl ether	ND		ug/kg	1.7	0.17	1
p/m-Xylene	ND		ug/kg	1.7	0.48	1
o-Xylene	ND		ug/kg	0.86	0.25	1
Xylenes, Total	ND		ug/kg	0.86	0.25	1
cis-1,2-Dichloroethene	ND		ug/kg	0.86	0.15	1
1,2-Dichloroethene, Total	ND		ug/kg	0.86	0.12	1
Dibromomethane	ND		ug/kg	1.7	0.20	1
Styrene	ND		ug/kg	0.86	0.17	1
Dichlorodifluoromethane	ND		ug/kg	8.6	0.78	1
Acetone	ND		ug/kg	8.6	4.1	1
Carbon disulfide	ND		ug/kg	8.6	3.9	1
2-Butanone	ND		ug/kg	8.6	1.9	1
Vinyl acetate	ND		ug/kg	8.6	1.8	1
4-Methyl-2-pentanone	ND		ug/kg	8.6	1.1	1
1,2,3-Trichloropropane	ND		ug/kg	1.7	0.11	1
2-Hexanone	ND		ug/kg	8.6	1.0	1
Bromochloromethane	ND		ug/kg	1.7	0.18	1
2,2-Dichloropropane	ND		ug/kg	1.7	0.17	1
1,2-Dibromoethane	ND		ug/kg	0.86	0.24	1
1,3-Dichloropropane	ND		ug/kg	1.7	0.14	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.43	0.11	1
Bromobenzene	ND		ug/kg	1.7	0.12	1
n-Butylbenzene	ND		ug/kg	0.86	0.14	1
sec-Butylbenzene	ND		ug/kg	0.86	0.12	1
tert-Butylbenzene	ND		ug/kg	1.7	0.10	1
o-Chlorotoluene	ND		ug/kg	1.7	0.16	1
p-Chlorotoluene	ND		ug/kg	1.7	0.09	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	2.6	0.86	1
Hexachlorobutadiene	ND		ug/kg	3.4	0.14	1
Isopropylbenzene	ND		ug/kg	0.86	0.09	1
p-Isopropyltoluene	ND		ug/kg	0.86	0.09	1
Naphthalene	ND		ug/kg	3.4	0.56	1
Acrylonitrile	ND		ug/kg	3.4	0.99	1

Project Name: SUN VALLEY SITE
Project Number: 12060 / PHASE 8

Lab Number: L2353480
Report Date: 09/20/23

SAMPLE RESULTS

Lab ID: L2353480-08
Client ID: GRAB_F2(4.5-5)
Sample Location: OSINING, NY

Date Collected: 09/13/23 14:45
Date Received: 09/13/23
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
n-Propylbenzene	ND		ug/kg	0.86	0.15	1
1,2,3-Trichlorobenzene	ND		ug/kg	1.7	0.28	1
1,2,4-Trichlorobenzene	ND		ug/kg	1.7	0.23	1
1,3,5-Trimethylbenzene	ND		ug/kg	1.7	0.16	1
1,2,4-Trimethylbenzene	ND		ug/kg	1.7	0.29	1
1,4-Dioxane	ND		ug/kg	69	30.	1
p-Diethylbenzene	ND		ug/kg	1.7	0.15	1
p-Ethyltoluene	ND		ug/kg	1.7	0.33	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	1.7	0.16	1
Ethyl ether	ND		ug/kg	1.7	0.29	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	4.3	1.2	1

Tentatively Identified Compounds

Total TIC Compounds	1.77	J	ug/kg	1
Cyclotrisiloxane, Hexamethyl-	1.77	NJ	ug/kg	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	101		70-130
Toluene-d8	96		70-130
4-Bromofluorobenzene	98		70-130
Dibromofluoromethane	99		70-130

Project Name: SUN VALLEY SITE
Project Number: 12060 / PHASE 8

Lab Number: L2353480
Report Date: 09/20/23

SAMPLE RESULTS

Lab ID: L2353480-10
Client ID: GRAB_F2(10-10.5)
Sample Location: OSINING, NY

Date Collected: 09/13/23 15:45
Date Received: 09/13/23
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 09/15/23 16:21
Analyst: JIC
Percent Solids: 93%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	5.1	2.4	1
1,1-Dichloroethane	ND		ug/kg	1.0	0.15	1
Chloroform	ND		ug/kg	1.5	0.14	1
Carbon tetrachloride	ND		ug/kg	1.0	0.24	1
1,2-Dichloropropane	ND		ug/kg	1.0	0.13	1
Dibromochloromethane	ND		ug/kg	1.0	0.14	1
1,1,2-Trichloroethane	ND		ug/kg	1.0	0.27	1
Tetrachloroethene	ND		ug/kg	0.51	0.20	1
Chlorobenzene	ND		ug/kg	0.51	0.13	1
Trichlorofluoromethane	ND		ug/kg	4.1	0.71	1
1,2-Dichloroethane	ND		ug/kg	1.0	0.26	1
1,1,1-Trichloroethane	ND		ug/kg	0.51	0.17	1
Bromodichloromethane	ND		ug/kg	0.51	0.11	1
trans-1,3-Dichloropropene	ND		ug/kg	1.0	0.28	1
cis-1,3-Dichloropropene	ND		ug/kg	0.51	0.16	1
1,3-Dichloropropene, Total	ND		ug/kg	0.51	0.16	1
1,1-Dichloropropene	ND		ug/kg	0.51	0.16	1
Bromoform	ND		ug/kg	4.1	0.25	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.51	0.17	1
Benzene	ND		ug/kg	0.51	0.17	1
Toluene	ND		ug/kg	1.0	0.56	1
Ethylbenzene	ND		ug/kg	1.0	0.14	1
Chloromethane	ND		ug/kg	4.1	0.96	1
Bromomethane	ND		ug/kg	2.0	0.60	1
Vinyl chloride	ND		ug/kg	1.0	0.34	1
Chloroethane	ND		ug/kg	2.0	0.46	1
1,1-Dichloroethene	ND		ug/kg	1.0	0.24	1
trans-1,2-Dichloroethene	ND		ug/kg	1.5	0.14	1

Project Name: SUN VALLEY SITE

Lab Number: L2353480

Project Number: 12060 / PHASE 8

Report Date: 09/20/23

SAMPLE RESULTS

Lab ID: L2353480-10
 Client ID: GRAB_F2(10-10.5)
 Sample Location: OSINING, NY

Date Collected: 09/13/23 15:45
 Date Received: 09/13/23
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Trichloroethene	ND		ug/kg	0.51	0.14	1
1,2-Dichlorobenzene	ND		ug/kg	2.0	0.15	1
1,3-Dichlorobenzene	ND		ug/kg	2.0	0.15	1
1,4-Dichlorobenzene	ND		ug/kg	2.0	0.18	1
Methyl tert butyl ether	ND		ug/kg	2.0	0.21	1
p/m-Xylene	ND		ug/kg	2.0	0.58	1
o-Xylene	ND		ug/kg	1.0	0.30	1
Xylenes, Total	ND		ug/kg	1.0	0.30	1
cis-1,2-Dichloroethene	ND		ug/kg	1.0	0.18	1
1,2-Dichloroethene, Total	ND		ug/kg	1.0	0.14	1
Dibromomethane	ND		ug/kg	2.0	0.24	1
Styrene	ND		ug/kg	1.0	0.20	1
Dichlorodifluoromethane	ND		ug/kg	10	0.94	1
Acetone	ND		ug/kg	10	4.9	1
Carbon disulfide	ND		ug/kg	10	4.7	1
2-Butanone	ND		ug/kg	10	2.3	1
Vinyl acetate	ND		ug/kg	10	2.2	1
4-Methyl-2-pentanone	ND		ug/kg	10	1.3	1
1,2,3-Trichloropropane	ND		ug/kg	2.0	0.13	1
2-Hexanone	ND		ug/kg	10	1.2	1
Bromochloromethane	ND		ug/kg	2.0	0.21	1
2,2-Dichloropropane	ND		ug/kg	2.0	0.21	1
1,2-Dibromoethane	ND		ug/kg	1.0	0.29	1
1,3-Dichloropropane	ND		ug/kg	2.0	0.17	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.51	0.14	1
Bromobenzene	ND		ug/kg	2.0	0.15	1
n-Butylbenzene	ND		ug/kg	1.0	0.17	1
sec-Butylbenzene	ND		ug/kg	1.0	0.15	1
tert-Butylbenzene	ND		ug/kg	2.0	0.12	1
o-Chlorotoluene	ND		ug/kg	2.0	0.20	1
p-Chlorotoluene	ND		ug/kg	2.0	0.11	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.1	1.0	1
Hexachlorobutadiene	ND		ug/kg	4.1	0.17	1
Isopropylbenzene	ND		ug/kg	1.0	0.11	1
p-Isopropyltoluene	ND		ug/kg	1.0	0.11	1
Naphthalene	ND		ug/kg	4.1	0.67	1
Acrylonitrile	ND		ug/kg	4.1	1.2	1

Project Name: SUN VALLEY SITE**Lab Number:** L2353480**Project Number:** 12060 / PHASE 8**Report Date:** 09/20/23**SAMPLE RESULTS**

Lab ID: L2353480-10
 Client ID: GRAB_F2(10-10.5)
 Sample Location: OSINING, NY

Date Collected: 09/13/23 15:45
 Date Received: 09/13/23
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
n-Propylbenzene	ND		ug/kg	1.0	0.18	1
1,2,3-Trichlorobenzene	ND		ug/kg	2.0	0.33	1
1,2,4-Trichlorobenzene	ND		ug/kg	2.0	0.28	1
1,3,5-Trimethylbenzene	ND		ug/kg	2.0	0.20	1
1,2,4-Trimethylbenzene	ND		ug/kg	2.0	0.34	1
1,4-Dioxane	ND		ug/kg	82	36.	1
p-Diethylbenzene	ND		ug/kg	2.0	0.18	1
p-Ethyltoluene	ND		ug/kg	2.0	0.39	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	2.0	0.20	1
Ethyl ether	ND		ug/kg	2.0	0.35	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	5.1	1.5	1

Tentatively Identified Compounds

Total TIC Compounds	2.24	J	ug/kg	1
Cyclotrisiloxane, Hexamethyl-	2.24	NJ	ug/kg	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	102		70-130
Toluene-d8	96		70-130
4-Bromofluorobenzene	99		70-130
Dibromofluoromethane	99		70-130

Project Name: SUN VALLEY SITE
Project Number: 12060 / PHASE 8

Lab Number: L2353480
Report Date: 09/20/23

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8260D
 Analytical Date: 09/15/23 10:29
 Analyst: MKS

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 02,04,06,08,10 Batch: WG1828699-5					
Methylene chloride	ND		ug/kg	5.0	2.3
1,1-Dichloroethane	ND		ug/kg	1.0	0.14
Chloroform	ND		ug/kg	1.5	0.14
Carbon tetrachloride	ND		ug/kg	1.0	0.23
1,2-Dichloropropane	ND		ug/kg	1.0	0.12
Dibromochloromethane	ND		ug/kg	1.0	0.14
1,1,2-Trichloroethane	ND		ug/kg	1.0	0.27
Tetrachloroethene	ND		ug/kg	0.50	0.20
Chlorobenzene	ND		ug/kg	0.50	0.13
Trichlorofluoromethane	ND		ug/kg	4.0	0.70
1,2-Dichloroethane	ND		ug/kg	1.0	0.26
1,1,1-Trichloroethane	ND		ug/kg	0.50	0.17
Bromodichloromethane	ND		ug/kg	0.50	0.11
trans-1,3-Dichloropropene	ND		ug/kg	1.0	0.27
cis-1,3-Dichloropropene	ND		ug/kg	0.50	0.16
1,3-Dichloropropene, Total	ND		ug/kg	0.50	0.16
1,1-Dichloropropene	ND		ug/kg	0.50	0.16
Bromoform	ND		ug/kg	4.0	0.25
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.50	0.17
Benzene	ND		ug/kg	0.50	0.17
Toluene	ND		ug/kg	1.0	0.54
Ethylbenzene	ND		ug/kg	1.0	0.14
Chloromethane	ND		ug/kg	4.0	0.93
Bromomethane	ND		ug/kg	2.0	0.58
Vinyl chloride	ND		ug/kg	1.0	0.34
Chloroethane	ND		ug/kg	2.0	0.45
1,1-Dichloroethene	ND		ug/kg	1.0	0.24
trans-1,2-Dichloroethene	ND		ug/kg	1.5	0.14
Trichloroethene	ND		ug/kg	0.50	0.14

Project Name: SUN VALLEY SITE
Project Number: 12060 / PHASE 8

Lab Number: L2353480
Report Date: 09/20/23

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 09/15/23 10:29
Analyst: MKS

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 02,04,06,08,10 Batch: WG1828699-5					
1,2-Dichlorobenzene	ND		ug/kg	2.0	0.14
1,3-Dichlorobenzene	ND		ug/kg	2.0	0.15
1,4-Dichlorobenzene	ND		ug/kg	2.0	0.17
Methyl tert butyl ether	ND		ug/kg	2.0	0.20
p/m-Xylene	ND		ug/kg	2.0	0.56
o-Xylene	ND		ug/kg	1.0	0.29
Xylenes, Total	ND		ug/kg	1.0	0.29
cis-1,2-Dichloroethene	ND		ug/kg	1.0	0.18
1,2-Dichloroethene, Total	ND		ug/kg	1.0	0.14
Dibromomethane	ND		ug/kg	2.0	0.24
Styrene	ND		ug/kg	1.0	0.20
Dichlorodifluoromethane	ND		ug/kg	10	0.92
Acetone	ND		ug/kg	10	4.8
Carbon disulfide	ND		ug/kg	10	4.6
2-Butanone	ND		ug/kg	10	2.2
Vinyl acetate	ND		ug/kg	10	2.2
4-Methyl-2-pentanone	ND		ug/kg	10	1.3
1,2,3-Trichloropropane	ND		ug/kg	2.0	0.13
2-Hexanone	ND		ug/kg	10	1.2
Bromochloromethane	ND		ug/kg	2.0	0.20
2,2-Dichloropropane	ND		ug/kg	2.0	0.20
1,2-Dibromoethane	ND		ug/kg	1.0	0.28
1,3-Dichloropropane	ND		ug/kg	2.0	0.17
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.50	0.13
Bromobenzene	ND		ug/kg	2.0	0.14
n-Butylbenzene	ND		ug/kg	1.0	0.17
sec-Butylbenzene	ND		ug/kg	1.0	0.15
tert-Butylbenzene	ND		ug/kg	2.0	0.12
o-Chlorotoluene	ND		ug/kg	2.0	0.19

Project Name: SUN VALLEY SITE
Project Number: 12060 / PHASE 8

Lab Number: L2353480
Report Date: 09/20/23

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8260D
 Analytical Date: 09/15/23 10:29
 Analyst: MKS

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 02,04,06,08,10 Batch: WG1828699-5					
p-Chlorotoluene	ND		ug/kg	2.0	0.11
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.0	1.0
Hexachlorobutadiene	ND		ug/kg	4.0	0.17
Isopropylbenzene	ND		ug/kg	1.0	0.11
p-Isopropyltoluene	ND		ug/kg	1.0	0.11
Naphthalene	ND		ug/kg	4.0	0.65
Acrylonitrile	ND		ug/kg	4.0	1.2
n-Propylbenzene	ND		ug/kg	1.0	0.17
1,2,3-Trichlorobenzene	ND		ug/kg	2.0	0.32
1,2,4-Trichlorobenzene	ND		ug/kg	2.0	0.27
1,3,5-Trimethylbenzene	ND		ug/kg	2.0	0.19
1,2,4-Trimethylbenzene	ND		ug/kg	2.0	0.33
1,4-Dioxane	ND		ug/kg	80	35.
p-Diethylbenzene	ND		ug/kg	2.0	0.18
p-Ethyltoluene	ND		ug/kg	2.0	0.38
1,2,4,5-Tetramethylbenzene	ND		ug/kg	2.0	0.19
Ethyl ether	ND		ug/kg	2.0	0.34
trans-1,4-Dichloro-2-butene	ND		ug/kg	5.0	1.4

Tentatively Identified Compounds

Total TIC Compounds	7.77	J	ug/kg
Unknown	2.28	J	ug/kg
Cyclotrisiloxane, Hexamethyl-	5.49	NJ	ug/kg

Project Name: SUN VALLEY SITE
Project Number: 12060 / PHASE 8

Lab Number: L2353480
Report Date: 09/20/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 09/15/23 10:29
Analyst: MKS

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 02,04,06,08,10 Batch: WG1828699-5					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	98		70-130
Toluene-d8	98		70-130
4-Bromofluorobenzene	97		70-130
Dibromofluoromethane	91		70-130

Lab Control Sample Analysis Batch Quality Control

Project Name: SUN VALLEY SITE

Project Number: 12060 / PHASE 8

Lab Number: L2353480

Report Date: 09/20/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 02,04,06,08,10 Batch: WG1828699-3 WG1828699-4								
Methylene chloride	81		82		70-130	1		30
1,1-Dichloroethane	83		84		70-130	1		30
Chloroform	86		85		70-130	1		30
Carbon tetrachloride	79		80		70-130	1		30
1,2-Dichloropropane	85		86		70-130	1		30
Dibromochloromethane	102		101		70-130	1		30
1,1,2-Trichloroethane	95		93		70-130	2		30
Tetrachloroethene	92		93		70-130	1		30
Chlorobenzene	91		91		70-130	0		30
Trichlorofluoromethane	81		82		70-139	1		30
1,2-Dichloroethane	90		88		70-130	2		30
1,1,1-Trichloroethane	87		88		70-130	1		30
Bromodichloromethane	92		91		70-130	1		30
trans-1,3-Dichloropropene	95		94		70-130	1		30
cis-1,3-Dichloropropene	93		93		70-130	0		30
1,1-Dichloropropene	83		85		70-130	2		30
Bromoform	106		104		70-130	2		30
1,1,2,2-Tetrachloroethane	102		98		70-130	4		30
Benzene	84		84		70-130	0		30
Toluene	79		80		70-130	1		30
Ethylbenzene	85		86		70-130	1		30
Chloromethane	68		68		52-130	0		30
Bromomethane	94		96		57-147	2		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: SUN VALLEY SITE
Project Number: 12060 / PHASE 8

Lab Number: L2353480
Report Date: 09/20/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 02,04,06,08,10 Batch: WG1828699-3 WG1828699-4								
Vinyl chloride	73		74		67-130	1		30
Chloroethane	78		79		50-151	1		30
1,1-Dichloroethene	82		84		65-135	2		30
trans-1,2-Dichloroethene	84		84		70-130	0		30
Trichloroethene	86		88		70-130	2		30
1,2-Dichlorobenzene	96		96		70-130	0		30
1,3-Dichlorobenzene	96		95		70-130	1		30
1,4-Dichlorobenzene	96		95		70-130	1		30
Methyl tert butyl ether	94		92		66-130	2		30
p/m-Xylene	85		86		70-130	1		30
o-Xylene	91		92		70-130	1		30
cis-1,2-Dichloroethene	85		86		70-130	1		30
Dibromomethane	95		93		70-130	2		30
Styrene	92		92		70-130	0		30
Dichlorodifluoromethane	59		60		30-146	2		30
Acetone	116		107		54-140	8		30
Carbon disulfide	72		73		59-130	1		30
2-Butanone	110		100		70-130	10		30
Vinyl acetate	92		88		70-130	4		30
4-Methyl-2-pentanone	106		100		70-130	6		30
1,2,3-Trichloropropane	101		96		68-130	5		30
2-Hexanone	108		101		70-130	7		30
Bromochloromethane	96		95		70-130	1		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: SUN VALLEY SITE

Project Number: 12060 / PHASE 8

Lab Number: L2353480

Report Date: 09/20/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 02,04,06,08,10 Batch: WG1828699-3 WG1828699-4								
2,2-Dichloropropane	84		85		70-130	1		30
1,2-Dibromoethane	104		102		70-130	2		30
1,3-Dichloropropane	94		92		69-130	2		30
1,1,1,2-Tetrachloroethane	95		95		70-130	0		30
Bromobenzene	97		96		70-130	1		30
n-Butylbenzene	87		88		70-130	1		30
sec-Butylbenzene	88		89		70-130	1		30
tert-Butylbenzene	89		90		70-130	1		30
o-Chlorotoluene	86		87		70-130	1		30
p-Chlorotoluene	88		88		70-130	0		30
1,2-Dibromo-3-chloropropane	101		96		68-130	5		30
Hexachlorobutadiene	97		99		67-130	2		30
Isopropylbenzene	88		89		70-130	1		30
p-Isopropyltoluene	90		91		70-130	1		30
Naphthalene	121		117		70-130	3		30
Acrylonitrile	107		99		70-130	8		30
n-Propylbenzene	87		88		70-130	1		30
1,2,3-Trichlorobenzene	120		120		70-130	0		30
1,2,4-Trichlorobenzene	112		110		70-130	2		30
1,3,5-Trimethylbenzene	89		90		70-130	1		30
1,2,4-Trimethylbenzene	91		91		70-130	0		30
1,4-Dioxane	120		110		65-136	9		30
p-Diethylbenzene	92		92		70-130	0		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: SUN VALLEY SITE

Project Number: 12060 / PHASE 8

Lab Number: L2353480

Report Date: 09/20/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 02,04,06,08,10 Batch: WG1828699-3 WG1828699-4								
p-Ethyltoluene	90		90		70-130	0		30
1,2,4,5-Tetramethylbenzene	99		98		70-130	1		30
Ethyl ether	91		90		67-130	1		30
trans-1,4-Dichloro-2-butene	100		96		70-130	4		30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	98		94		70-130
Toluene-d8	97		96		70-130
4-Bromofluorobenzene	97		96		70-130
Dibromofluoromethane	99		98		70-130

SEMIVOLATILES

Project Name: SUN VALLEY SITE
Project Number: 12060 / PHASE 8

Lab Number: L2353480
Report Date: 09/20/23

SAMPLE RESULTS

Lab ID: L2353480-01
Client ID: COMP_D3(0-7)
Sample Location: OSINING, NY

Date Collected: 09/13/23 09:50
Date Received: 09/13/23
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 09/15/23 01:10
Analyst: CMM
Percent Solids: 85%

Extraction Method: EPA 3546
Extraction Date: 09/14/23 11:23

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	160	20.	1
1,2,4-Trichlorobenzene	ND		ug/kg	200	22.	1
Hexachlorobenzene	ND		ug/kg	120	22.	1
Bis(2-chloroethyl)ether	ND		ug/kg	180	26.	1
2-Chloronaphthalene	ND		ug/kg	200	19.	1
1,2-Dichlorobenzene	ND		ug/kg	200	35.	1
1,3-Dichlorobenzene	ND		ug/kg	200	34.	1
1,4-Dichlorobenzene	ND		ug/kg	200	34.	1
3,3'-Dichlorobenzidine	ND		ug/kg	200	52.	1
2,4-Dinitrotoluene	ND		ug/kg	200	39.	1
2,6-Dinitrotoluene	ND		ug/kg	200	33.	1
Fluoranthene	ND		ug/kg	120	22.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	200	21.	1
4-Bromophenyl phenyl ether	ND		ug/kg	200	30.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	230	33.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	210	20.	1
Hexachlorobutadiene	ND		ug/kg	200	28.	1
Hexachlorocyclopentadiene	ND		ug/kg	560	180	1
Hexachloroethane	ND		ug/kg	160	32.	1
Isophorone	ND		ug/kg	180	25.	1
Naphthalene	ND		ug/kg	200	24.	1
Nitrobenzene	ND		ug/kg	180	29.	1
NDPA/DPA	ND		ug/kg	160	22.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	200	30.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	200	68.	1
Butyl benzyl phthalate	ND		ug/kg	200	49.	1
Di-n-butylphthalate	ND		ug/kg	200	37.	1
Di-n-octylphthalate	ND		ug/kg	200	66.	1

Project Name: SUN VALLEY SITE

Lab Number: L2353480

Project Number: 12060 / PHASE 8

Report Date: 09/20/23

SAMPLE RESULTS

Lab ID: L2353480-01
 Client ID: COMP_D3(0-7)
 Sample Location: OSINING, NY

Date Collected: 09/13/23 09:50
 Date Received: 09/13/23
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Diethyl phthalate	ND		ug/kg	200	18.	1
Dimethyl phthalate	ND		ug/kg	200	41.	1
Benzo(a)anthracene	ND		ug/kg	120	22.	1
Benzo(a)pyrene	ND		ug/kg	160	48.	1
Benzo(b)fluoranthene	ND		ug/kg	120	33.	1
Benzo(k)fluoranthene	ND		ug/kg	120	31.	1
Chrysene	ND		ug/kg	120	20.	1
Acenaphthylene	ND		ug/kg	160	30.	1
Anthracene	ND		ug/kg	120	38.	1
Benzo(ghi)perylene	ND		ug/kg	160	23.	1
Fluorene	ND		ug/kg	200	19.	1
Phenanthrene	ND		ug/kg	120	24.	1
Dibenzo(a,h)anthracene	ND		ug/kg	120	22.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	160	27.	1
Pyrene	ND		ug/kg	120	19.	1
Biphenyl	ND		ug/kg	440	25.	1
4-Chloroaniline	ND		ug/kg	200	36.	1
2-Nitroaniline	ND		ug/kg	200	38.	1
3-Nitroaniline	ND		ug/kg	200	37.	1
4-Nitroaniline	ND		ug/kg	200	81.	1
Dibenzofuran	ND		ug/kg	200	18.	1
2-Methylnaphthalene	ND		ug/kg	230	24.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	200	20.	1
Acetophenone	ND		ug/kg	200	24.	1
2,4,6-Trichlorophenol	ND		ug/kg	120	37.	1
p-Chloro-m-cresol	ND		ug/kg	200	29.	1
2-Chlorophenol	ND		ug/kg	200	23.	1
2,4-Dichlorophenol	ND		ug/kg	180	31.	1
2,4-Dimethylphenol	ND		ug/kg	200	64.	1
2-Nitrophenol	ND		ug/kg	420	73.	1
4-Nitrophenol	ND		ug/kg	270	80.	1
2,4-Dinitrophenol	ND		ug/kg	940	91.	1
4,6-Dinitro-o-cresol	ND		ug/kg	510	94.	1
Pentachlorophenol	ND		ug/kg	160	43.	1
Phenol	ND		ug/kg	200	29.	1
2-Methylphenol	ND		ug/kg	200	30.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	280	30.	1

Project Name: SUN VALLEY SITE
Project Number: 12060 / PHASE 8

Lab Number: L2353480
Report Date: 09/20/23

SAMPLE RESULTS

Lab ID: L2353480-01
Client ID: COMP_D3(0-7)
Sample Location: OSINING, NY

Date Collected: 09/13/23 09:50
Date Received: 09/13/23
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	200	37.	1
Benzoic Acid	ND		ug/kg	630	200	1
Benzyl Alcohol	ND		ug/kg	200	60.	1
Carbazole	ND		ug/kg	200	19.	1
1,4-Dioxane	ND		ug/kg	29	9.0	1

Tentatively Identified Compounds

Total TIC Compounds	4020	J	ug/kg			1
Unknown Organic Acid	301	J	ug/kg			1
Unknown	338	J	ug/kg			1
Unknown	634	J	ug/kg			1
Unknown Organic Acid	188	J	ug/kg			1
Unknown	1330	J	ug/kg			1
Unknown	172	J	ug/kg			1
Unknown	355	J	ug/kg			1
Unknown	703	J	ug/kg			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	76		25-120
Phenol-d6	74		10-120
Nitrobenzene-d5	67		23-120
2-Fluorobiphenyl	61		30-120
2,4,6-Tribromophenol	75		10-136
4-Terphenyl-d14	60		18-120

Project Name: SUN VALLEY SITE
Project Number: 12060 / PHASE 8

Lab Number: L2353480
Report Date: 09/20/23

SAMPLE RESULTS

Lab ID: L2353480-03
Client ID: COMP_E3(0-6)
Sample Location: OSINING, NY

Date Collected: 09/13/23 11:30
Date Received: 09/13/23
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 09/14/23 23:36
Analyst: CMM
Percent Solids: 91%

Extraction Method: EPA 3546
Extraction Date: 09/14/23 11:23

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	150	19.	1
1,2,4-Trichlorobenzene	ND		ug/kg	180	21.	1
Hexachlorobenzene	ND		ug/kg	110	20.	1
Bis(2-chloroethyl)ether	ND		ug/kg	160	25.	1
2-Chloronaphthalene	ND		ug/kg	180	18.	1
1,2-Dichlorobenzene	ND		ug/kg	180	33.	1
1,3-Dichlorobenzene	ND		ug/kg	180	31.	1
1,4-Dichlorobenzene	ND		ug/kg	180	32.	1
3,3'-Dichlorobenzidine	ND		ug/kg	180	48.	1
2,4-Dinitrotoluene	ND		ug/kg	180	36.	1
2,6-Dinitrotoluene	ND		ug/kg	180	31.	1
Fluoranthene	ND		ug/kg	110	21.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	180	20.	1
4-Bromophenyl phenyl ether	ND		ug/kg	180	28.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	220	31.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	200	18.	1
Hexachlorobutadiene	ND		ug/kg	180	27.	1
Hexachlorocyclopentadiene	ND		ug/kg	520	160	1
Hexachloroethane	ND		ug/kg	150	30.	1
Isophorone	ND		ug/kg	160	24.	1
Naphthalene	ND		ug/kg	180	22.	1
Nitrobenzene	ND		ug/kg	160	27.	1
NDPA/DPA	ND		ug/kg	150	21.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	180	28.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	180	63.	1
Butyl benzyl phthalate	ND		ug/kg	180	46.	1
Di-n-butylphthalate	ND		ug/kg	180	35.	1
Di-n-octylphthalate	ND		ug/kg	180	62.	1

Project Name: SUN VALLEY SITE

Lab Number: L2353480

Project Number: 12060 / PHASE 8

Report Date: 09/20/23

SAMPLE RESULTS

Lab ID: L2353480-03
 Client ID: COMP_E3(0-6)
 Sample Location: OSINING, NY

Date Collected: 09/13/23 11:30
 Date Received: 09/13/23
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Diethyl phthalate	ND		ug/kg	180	17.	1
Dimethyl phthalate	ND		ug/kg	180	38.	1
Benzo(a)anthracene	ND		ug/kg	110	20.	1
Benzo(a)pyrene	ND		ug/kg	150	44.	1
Benzo(b)fluoranthene	ND		ug/kg	110	31.	1
Benzo(k)fluoranthene	ND		ug/kg	110	29.	1
Chrysene	ND		ug/kg	110	19.	1
Acenaphthylene	ND		ug/kg	150	28.	1
Anthracene	ND		ug/kg	110	36.	1
Benzo(ghi)perylene	ND		ug/kg	150	21.	1
Fluorene	ND		ug/kg	180	18.	1
Phenanthrene	ND		ug/kg	110	22.	1
Dibenzo(a,h)anthracene	ND		ug/kg	110	21.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	150	25.	1
Pyrene	ND		ug/kg	110	18.	1
Biphenyl	ND		ug/kg	420	24.	1
4-Chloroaniline	ND		ug/kg	180	33.	1
2-Nitroaniline	ND		ug/kg	180	35.	1
3-Nitroaniline	ND		ug/kg	180	34.	1
4-Nitroaniline	ND		ug/kg	180	76.	1
Dibenzofuran	ND		ug/kg	180	17.	1
2-Methylnaphthalene	ND		ug/kg	220	22.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	180	19.	1
Acetophenone	ND		ug/kg	180	23.	1
2,4,6-Trichlorophenol	ND		ug/kg	110	35.	1
p-Chloro-m-cresol	ND		ug/kg	180	27.	1
2-Chlorophenol	ND		ug/kg	180	22.	1
2,4-Dichlorophenol	ND		ug/kg	160	29.	1
2,4-Dimethylphenol	ND		ug/kg	180	60.	1
2-Nitrophenol	ND		ug/kg	390	69.	1
4-Nitrophenol	ND		ug/kg	260	74.	1
2,4-Dinitrophenol	ND		ug/kg	880	85.	1
4,6-Dinitro-o-cresol	ND		ug/kg	480	88.	1
Pentachlorophenol	ND		ug/kg	150	40.	1
Phenol	ND		ug/kg	180	28.	1
2-Methylphenol	ND		ug/kg	180	28.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	260	29.	1

Project Name: SUN VALLEY SITE
Project Number: 12060 / PHASE 8

Lab Number: L2353480
Report Date: 09/20/23

SAMPLE RESULTS

Lab ID: L2353480-03
Client ID: COMP_E3(0-6)
Sample Location: OSINING, NY

Date Collected: 09/13/23 11:30
Date Received: 09/13/23
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	180	35.	1
Benzoic Acid	ND		ug/kg	590	180	1
Benzyl Alcohol	ND		ug/kg	180	56.	1
Carbazole	ND		ug/kg	180	18.	1
1,4-Dioxane	ND		ug/kg	27	8.4	1

Tentatively Identified Compounds

Total TIC Compounds	192	J	ug/kg			1
Unknown	192	J	ug/kg			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	72		25-120
Phenol-d6	69		10-120
Nitrobenzene-d5	62		23-120
2-Fluorobiphenyl	59		30-120
2,4,6-Tribromophenol	63		10-136
4-Terphenyl-d14	60		18-120

Project Name: SUN VALLEY SITE
Project Number: 12060 / PHASE 8

Lab Number: L2353480
Report Date: 09/20/23

SAMPLE RESULTS

Lab ID: L2353480-05
Client ID: COMP_F3(0-10)
Sample Location: OSINING, NY

Date Collected: 09/13/23 13:00
Date Received: 09/13/23
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 09/15/23 00:23
Analyst: CMM
Percent Solids: 93%

Extraction Method: EPA 3546
Extraction Date: 09/14/23 11:23

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	140	18.	1
1,2,4-Trichlorobenzene	ND		ug/kg	180	20.	1
Hexachlorobenzene	ND		ug/kg	110	20.	1
Bis(2-chloroethyl)ether	ND		ug/kg	160	24.	1
2-Chloronaphthalene	ND		ug/kg	180	18.	1
1,2-Dichlorobenzene	ND		ug/kg	180	32.	1
1,3-Dichlorobenzene	ND		ug/kg	180	30.	1
1,4-Dichlorobenzene	ND		ug/kg	180	31.	1
3,3'-Dichlorobenzidine	ND		ug/kg	180	47.	1
2,4-Dinitrotoluene	ND		ug/kg	180	35.	1
2,6-Dinitrotoluene	ND		ug/kg	180	30.	1
Fluoranthene	ND		ug/kg	110	20.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	180	19.	1
4-Bromophenyl phenyl ether	ND		ug/kg	180	27.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	210	30.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	190	18.	1
Hexachlorobutadiene	ND		ug/kg	180	26.	1
Hexachlorocyclopentadiene	ND		ug/kg	510	160	1
Hexachloroethane	ND		ug/kg	140	29.	1
Isophorone	ND		ug/kg	160	23.	1
Naphthalene	ND		ug/kg	180	22.	1
Nitrobenzene	ND		ug/kg	160	26.	1
NDPA/DPA	ND		ug/kg	140	20.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	180	27.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	180	61.	1
Butyl benzyl phthalate	ND		ug/kg	180	44.	1
Di-n-butylphthalate	ND		ug/kg	180	34.	1
Di-n-octylphthalate	ND		ug/kg	180	60.	1

Project Name: SUN VALLEY SITE

Lab Number: L2353480

Project Number: 12060 / PHASE 8

Report Date: 09/20/23

SAMPLE RESULTS

Lab ID: L2353480-05
 Client ID: COMP_F3(0-10)
 Sample Location: OSINING, NY

Date Collected: 09/13/23 13:00
 Date Received: 09/13/23
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Diethyl phthalate	ND		ug/kg	180	16.	1
Dimethyl phthalate	ND		ug/kg	180	37.	1
Benzo(a)anthracene	ND		ug/kg	110	20.	1
Benzo(a)pyrene	ND		ug/kg	140	43.	1
Benzo(b)fluoranthene	ND		ug/kg	110	30.	1
Benzo(k)fluoranthene	ND		ug/kg	110	28.	1
Chrysene	ND		ug/kg	110	18.	1
Acenaphthylene	ND		ug/kg	140	27.	1
Anthracene	ND		ug/kg	110	34.	1
Benzo(ghi)perylene	ND		ug/kg	140	21.	1
Fluorene	ND		ug/kg	180	17.	1
Phenanthrene	ND		ug/kg	110	22.	1
Dibenzo(a,h)anthracene	ND		ug/kg	110	20.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	140	25.	1
Pyrene	ND		ug/kg	110	18.	1
Biphenyl	ND		ug/kg	400	23.	1
4-Chloroaniline	ND		ug/kg	180	32.	1
2-Nitroaniline	ND		ug/kg	180	34.	1
3-Nitroaniline	ND		ug/kg	180	33.	1
4-Nitroaniline	ND		ug/kg	180	73.	1
Dibenzofuran	ND		ug/kg	180	17.	1
2-Methylnaphthalene	ND		ug/kg	210	21.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	180	18.	1
Acetophenone	ND		ug/kg	180	22.	1
2,4,6-Trichlorophenol	ND		ug/kg	110	34.	1
p-Chloro-m-cresol	ND		ug/kg	180	26.	1
2-Chlorophenol	ND		ug/kg	180	21.	1
2,4-Dichlorophenol	ND		ug/kg	160	28.	1
2,4-Dimethylphenol	ND		ug/kg	180	58.	1
2-Nitrophenol	ND		ug/kg	380	66.	1
4-Nitrophenol	ND		ug/kg	250	72.	1
2,4-Dinitrophenol	ND		ug/kg	850	82.	1
4,6-Dinitro-o-cresol	ND		ug/kg	460	85.	1
Pentachlorophenol	ND		ug/kg	140	39.	1
Phenol	ND		ug/kg	180	27.	1
2-Methylphenol	ND		ug/kg	180	27.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	250	28.	1

Project Name: SUN VALLEY SITE
Project Number: 12060 / PHASE 8

Lab Number: L2353480
Report Date: 09/20/23

SAMPLE RESULTS

Lab ID: L2353480-05
Client ID: COMP_F3(0-10)
Sample Location: OSINING, NY

Date Collected: 09/13/23 13:00
Date Received: 09/13/23
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	180	34.	1
Benzoic Acid	ND		ug/kg	570	180	1
Benzyl Alcohol	ND		ug/kg	180	54.	1
Carbazole	ND		ug/kg	180	17.	1
1,4-Dioxane	ND		ug/kg	26	8.1	1

Tentatively Identified Compounds

Total TIC Compounds	12300	J	ug/kg			1
Unknown Organic Acid	474	J	ug/kg			1
Unknown	913	J	ug/kg			1
Unknown	3430	J	ug/kg			1
Unknown Organic Acid	744	J	ug/kg			1
Unknown	182	J	ug/kg			1
Unknown	442	J	ug/kg			1
Unknown	1980	J	ug/kg			1
Unknown	843	J	ug/kg			1
Unknown	247	J	ug/kg			1
Unknown	260	J	ug/kg			1
Unknown	454	J	ug/kg			1
Unknown Organic Acid	423	J	ug/kg			1
Unknown	1640	J	ug/kg			1
Unknown	220	J	ug/kg			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	84		25-120
Phenol-d6	80		10-120
Nitrobenzene-d5	72		23-120
2-Fluorobiphenyl	68		30-120
2,4,6-Tribromophenol	82		10-136
4-Terphenyl-d14	68		18-120

Project Name: SUN VALLEY SITE
Project Number: 12060 / PHASE 8

Lab Number: L2353480
Report Date: 09/20/23

SAMPLE RESULTS

Lab ID: L2353480-07
Client ID: COMP_F2(0-7)
Sample Location: OSINING, NY

Date Collected: 09/13/23 14:45
Date Received: 09/13/23
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 09/15/23 02:45
Analyst: CMM
Percent Solids: 93%

Extraction Method: EPA 3546
Extraction Date: 09/14/23 11:23

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	140	18.	1
1,2,4-Trichlorobenzene	ND		ug/kg	170	20.	1
Hexachlorobenzene	ND		ug/kg	100	20.	1
Bis(2-chloroethyl)ether	ND		ug/kg	160	24.	1
2-Chloronaphthalene	ND		ug/kg	170	17.	1
1,2-Dichlorobenzene	ND		ug/kg	170	31.	1
1,3-Dichlorobenzene	ND		ug/kg	170	30.	1
1,4-Dichlorobenzene	ND		ug/kg	170	30.	1
3,3'-Dichlorobenzidine	ND		ug/kg	170	46.	1
2,4-Dinitrotoluene	ND		ug/kg	170	35.	1
2,6-Dinitrotoluene	ND		ug/kg	170	30.	1
Fluoranthene	ND		ug/kg	100	20.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	170	19.	1
4-Bromophenyl phenyl ether	ND		ug/kg	170	26.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	210	30.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	190	17.	1
Hexachlorobutadiene	ND		ug/kg	170	26.	1
Hexachlorocyclopentadiene	ND		ug/kg	500	160	1
Hexachloroethane	ND		ug/kg	140	28.	1
Isophorone	ND		ug/kg	160	23.	1
Naphthalene	ND		ug/kg	170	21.	1
Nitrobenzene	ND		ug/kg	160	26.	1
NDPA/DPA	ND		ug/kg	140	20.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	170	27.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	170	60.	1
Butyl benzyl phthalate	ND		ug/kg	170	44.	1
Di-n-butylphthalate	ND		ug/kg	170	33.	1
Di-n-octylphthalate	ND		ug/kg	170	59.	1

Project Name: SUN VALLEY SITE

Lab Number: L2353480

Project Number: 12060 / PHASE 8

Report Date: 09/20/23

SAMPLE RESULTS

Lab ID: L2353480-07
 Client ID: COMP_F2(0-7)
 Sample Location: OSINING, NY

Date Collected: 09/13/23 14:45
 Date Received: 09/13/23
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Diethyl phthalate	ND		ug/kg	170	16.	1
Dimethyl phthalate	ND		ug/kg	170	37.	1
Benzo(a)anthracene	ND		ug/kg	100	20.	1
Benzo(a)pyrene	ND		ug/kg	140	42.	1
Benzo(b)fluoranthene	ND		ug/kg	100	29.	1
Benzo(k)fluoranthene	ND		ug/kg	100	28.	1
Chrysene	ND		ug/kg	100	18.	1
Acenaphthylene	ND		ug/kg	140	27.	1
Anthracene	ND		ug/kg	100	34.	1
Benzo(ghi)perylene	ND		ug/kg	140	20.	1
Fluorene	ND		ug/kg	170	17.	1
Phenanthrene	ND		ug/kg	100	21.	1
Dibenzo(a,h)anthracene	ND		ug/kg	100	20.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	140	24.	1
Pyrene	ND		ug/kg	100	17.	1
Biphenyl	ND		ug/kg	400	23.	1
4-Chloroaniline	ND		ug/kg	170	32.	1
2-Nitroaniline	ND		ug/kg	170	34.	1
3-Nitroaniline	ND		ug/kg	170	33.	1
4-Nitroaniline	ND		ug/kg	170	72.	1
Dibenzofuran	ND		ug/kg	170	16.	1
2-Methylnaphthalene	27	J	ug/kg	210	21.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	170	18.	1
Acetophenone	ND		ug/kg	170	22.	1
2,4,6-Trichlorophenol	ND		ug/kg	100	33.	1
p-Chloro-m-cresol	ND		ug/kg	170	26.	1
2-Chlorophenol	ND		ug/kg	170	21.	1
2,4-Dichlorophenol	ND		ug/kg	160	28.	1
2,4-Dimethylphenol	ND		ug/kg	170	58.	1
2-Nitrophenol	ND		ug/kg	380	66.	1
4-Nitrophenol	ND		ug/kg	240	71.	1
2,4-Dinitrophenol	ND		ug/kg	840	81.	1
4,6-Dinitro-o-cresol	ND		ug/kg	450	84.	1
Pentachlorophenol	ND		ug/kg	140	38.	1
Phenol	ND		ug/kg	170	26.	1
2-Methylphenol	ND		ug/kg	170	27.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	250	27.	1

Project Name: SUN VALLEY SITE
Project Number: 12060 / PHASE 8

Lab Number: L2353480
Report Date: 09/20/23

SAMPLE RESULTS

Lab ID: L2353480-07
Client ID: COMP_F2(0-7)
Sample Location: OSINING, NY

Date Collected: 09/13/23 14:45
Date Received: 09/13/23
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	170	33.	1
Benzoic Acid	ND		ug/kg	560	180	1
Benzyl Alcohol	ND		ug/kg	170	53.	1
Carbazole	ND		ug/kg	170	17.	1
1,4-Dioxane	ND		ug/kg	26	8.0	1

Tentatively Identified Compounds

Total TIC Compounds	2660	J	ug/kg			1
Unknown	384	J	ug/kg			1
Unknown	825	J	ug/kg			1
Unknown Organic Acid	181	J	ug/kg			1
Unknown	203	J	ug/kg			1
Unknown	210	J	ug/kg			1
Unknown	433	J	ug/kg			1
Unknown Organic Acid	428	J	ug/kg			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	88		25-120
Phenol-d6	84		10-120
Nitrobenzene-d5	73		23-120
2-Fluorobiphenyl	68		30-120
2,4,6-Tribromophenol	87		10-136
4-Terphenyl-d14	66		18-120

Project Name: SUN VALLEY SITE
Project Number: 12060 / PHASE 8

Lab Number: L2353480
Report Date: 09/20/23

SAMPLE RESULTS

Lab ID: L2353480-09
Client ID: COMP_F2(7-15)
Sample Location: OSINING, NY

Date Collected: 09/13/23 15:45
Date Received: 09/13/23
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 09/15/23 01:34
Analyst: CMM
Percent Solids: 93%

Extraction Method: EPA 3546
Extraction Date: 09/14/23 11:23

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	140	18.	1
1,2,4-Trichlorobenzene	ND		ug/kg	170	20.	1
Hexachlorobenzene	ND		ug/kg	100	19.	1
Bis(2-chloroethyl)ether	ND		ug/kg	160	24.	1
2-Chloronaphthalene	ND		ug/kg	170	17.	1
1,2-Dichlorobenzene	ND		ug/kg	170	31.	1
1,3-Dichlorobenzene	ND		ug/kg	170	30.	1
1,4-Dichlorobenzene	ND		ug/kg	170	30.	1
3,3'-Dichlorobenzidine	ND		ug/kg	170	46.	1
2,4-Dinitrotoluene	ND		ug/kg	170	35.	1
2,6-Dinitrotoluene	ND		ug/kg	170	30.	1
Fluoranthene	ND		ug/kg	100	20.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	170	18.	1
4-Bromophenyl phenyl ether	ND		ug/kg	170	26.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	210	30.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	190	17.	1
Hexachlorobutadiene	ND		ug/kg	170	25.	1
Hexachlorocyclopentadiene	ND		ug/kg	500	160	1
Hexachloroethane	ND		ug/kg	140	28.	1
Isophorone	ND		ug/kg	160	22.	1
Naphthalene	ND		ug/kg	170	21.	1
Nitrobenzene	ND		ug/kg	160	26.	1
NDPA/DPA	ND		ug/kg	140	20.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	170	27.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	170	60.	1
Butyl benzyl phthalate	ND		ug/kg	170	44.	1
Di-n-butylphthalate	ND		ug/kg	170	33.	1
Di-n-octylphthalate	ND		ug/kg	170	59.	1

Project Name: SUN VALLEY SITE

Lab Number: L2353480

Project Number: 12060 / PHASE 8

Report Date: 09/20/23

SAMPLE RESULTS

Lab ID: L2353480-09
 Client ID: COMP_F2(7-15)
 Sample Location: OSINING, NY

Date Collected: 09/13/23 15:45
 Date Received: 09/13/23
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Diethyl phthalate	ND		ug/kg	170	16.	1
Dimethyl phthalate	ND		ug/kg	170	36.	1
Benzo(a)anthracene	ND		ug/kg	100	20.	1
Benzo(a)pyrene	ND		ug/kg	140	42.	1
Benzo(b)fluoranthene	ND		ug/kg	100	29.	1
Benzo(k)fluoranthene	ND		ug/kg	100	28.	1
Chrysene	ND		ug/kg	100	18.	1
Acenaphthylene	ND		ug/kg	140	27.	1
Anthracene	ND		ug/kg	100	34.	1
Benzo(ghi)perylene	ND		ug/kg	140	20.	1
Fluorene	ND		ug/kg	170	17.	1
Phenanthrene	ND		ug/kg	100	21.	1
Dibenzo(a,h)anthracene	ND		ug/kg	100	20.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	140	24.	1
Pyrene	ND		ug/kg	100	17.	1
Biphenyl	ND		ug/kg	400	22.	1
4-Chloroaniline	ND		ug/kg	170	32.	1
2-Nitroaniline	ND		ug/kg	170	33.	1
3-Nitroaniline	ND		ug/kg	170	33.	1
4-Nitroaniline	ND		ug/kg	170	72.	1
Dibenzofuran	ND		ug/kg	170	16.	1
2-Methylnaphthalene	ND		ug/kg	210	21.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	170	18.	1
Acetophenone	ND		ug/kg	170	21.	1
2,4,6-Trichlorophenol	ND		ug/kg	100	33.	1
p-Chloro-m-cresol	ND		ug/kg	170	26.	1
2-Chlorophenol	ND		ug/kg	170	20.	1
2,4-Dichlorophenol	ND		ug/kg	160	28.	1
2,4-Dimethylphenol	ND		ug/kg	170	57.	1
2-Nitrophenol	ND		ug/kg	370	65.	1
4-Nitrophenol	ND		ug/kg	240	71.	1
2,4-Dinitrophenol	ND		ug/kg	830	81.	1
4,6-Dinitro-o-cresol	ND		ug/kg	450	83.	1
Pentachlorophenol	ND		ug/kg	140	38.	1
Phenol	ND		ug/kg	170	26.	1
2-Methylphenol	ND		ug/kg	170	27.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	250	27.	1

Project Name: SUN VALLEY SITE
Project Number: 12060 / PHASE 8

Lab Number: L2353480
Report Date: 09/20/23

SAMPLE RESULTS

Lab ID: L2353480-09
Client ID: COMP_F2(7-15)
Sample Location: OSINING, NY

Date Collected: 09/13/23 15:45
Date Received: 09/13/23
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	170	33.	1
Benzoic Acid	ND		ug/kg	560	180	1
Benzyl Alcohol	ND		ug/kg	170	53.	1
Carbazole	ND		ug/kg	170	17.	1
1,4-Dioxane	ND		ug/kg	26	8.0	1

Tentatively Identified Compounds

Total TIC Compounds	1760	J	ug/kg			1
Unknown	166	J	ug/kg			1
Unknown Organic Acid	173	J	ug/kg			1
Unknown	315	J	ug/kg			1
Unknown	157	J	ug/kg			1
Unknown	626	J	ug/kg			1
Unknown	324	J	ug/kg			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	77		25-120
Phenol-d6	76		10-120
Nitrobenzene-d5	63		23-120
2-Fluorobiphenyl	65		30-120
2,4,6-Tribromophenol	78		10-136
4-Terphenyl-d14	67		18-120

Project Name: SUN VALLEY SITE
Project Number: 12060 / PHASE 8

Lab Number: L2353480
Report Date: 09/20/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 09/14/23 09:28
Analyst: IM

Extraction Method: EPA 3546
Extraction Date: 09/14/23 01:12

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01,03,05,07,09 Batch: WG1827264-1					
Acenaphthene	ND		ug/kg	130	17.
1,2,4-Trichlorobenzene	ND		ug/kg	160	19.
Hexachlorobenzene	ND		ug/kg	98	18.
Bis(2-chloroethyl)ether	ND		ug/kg	150	22.
2-Chloronaphthalene	ND		ug/kg	160	16.
1,2-Dichlorobenzene	ND		ug/kg	160	29.
1,3-Dichlorobenzene	ND		ug/kg	160	28.
1,4-Dichlorobenzene	ND		ug/kg	160	28.
3,3'-Dichlorobenzidine	ND		ug/kg	160	43.
2,4-Dinitrotoluene	ND		ug/kg	160	32.
2,6-Dinitrotoluene	ND		ug/kg	160	28.
Fluoranthene	ND		ug/kg	98	19.
4-Chlorophenyl phenyl ether	ND		ug/kg	160	17.
4-Bromophenyl phenyl ether	ND		ug/kg	160	25.
Bis(2-chloroisopropyl)ether	ND		ug/kg	200	28.
Bis(2-chloroethoxy)methane	ND		ug/kg	180	16.
Hexachlorobutadiene	ND		ug/kg	160	24.
Hexachlorocyclopentadiene	ND		ug/kg	460	150
Hexachloroethane	ND		ug/kg	130	26.
Isophorone	ND		ug/kg	150	21.
Naphthalene	ND		ug/kg	160	20.
Nitrobenzene	ND		ug/kg	150	24.
NDPA/DPA	ND		ug/kg	130	18.
n-Nitrosodi-n-propylamine	ND		ug/kg	160	25.
Bis(2-ethylhexyl)phthalate	ND		ug/kg	160	56.
Butyl benzyl phthalate	ND		ug/kg	160	41.
Di-n-butylphthalate	ND		ug/kg	160	31.
Di-n-octylphthalate	ND		ug/kg	160	55.
Diethyl phthalate	ND		ug/kg	160	15.

Project Name: SUN VALLEY SITE
Project Number: 12060 / PHASE 8

Lab Number: L2353480
Report Date: 09/20/23

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 09/14/23 09:28
Analyst: IM

Extraction Method: EPA 3546
Extraction Date: 09/14/23 01:12

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01,03,05,07,09 Batch: WG1827264-1					
Dimethyl phthalate	ND		ug/kg	160	34.
Benzo(a)anthracene	ND		ug/kg	98	18.
Benzo(a)pyrene	ND		ug/kg	130	40.
Benzo(b)fluoranthene	ND		ug/kg	98	27.
Benzo(k)fluoranthene	ND		ug/kg	98	26.
Chrysene	ND		ug/kg	98	17.
Acenaphthylene	ND		ug/kg	130	25.
Anthracene	ND		ug/kg	98	32.
Benzo(ghi)perylene	ND		ug/kg	130	19.
Fluorene	ND		ug/kg	160	16.
Phenanthrene	ND		ug/kg	98	20.
Dibenzo(a,h)anthracene	ND		ug/kg	98	19.
Indeno(1,2,3-cd)pyrene	ND		ug/kg	130	23.
Pyrene	ND		ug/kg	98	16.
Biphenyl	ND		ug/kg	370	21.
4-Chloroaniline	ND		ug/kg	160	30.
2-Nitroaniline	ND		ug/kg	160	31.
3-Nitroaniline	ND		ug/kg	160	31.
4-Nitroaniline	ND		ug/kg	160	67.
Dibenzofuran	ND		ug/kg	160	15.
2-Methylnaphthalene	ND		ug/kg	200	20.
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	160	17.
Acetophenone	ND		ug/kg	160	20.
2,4,6-Trichlorophenol	ND		ug/kg	98	31.
p-Chloro-m-cresol	ND		ug/kg	160	24.
2-Chlorophenol	ND		ug/kg	160	19.
2,4-Dichlorophenol	ND		ug/kg	150	26.
2,4-Dimethylphenol	ND		ug/kg	160	54.
2-Nitrophenol	ND		ug/kg	350	61.

Project Name: SUN VALLEY SITE
Project Number: 12060 / PHASE 8

Lab Number: L2353480
Report Date: 09/20/23

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 09/14/23 09:28
Analyst: IM

Extraction Method: EPA 3546
Extraction Date: 09/14/23 01:12

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01,03,05,07,09 Batch: WG1827264-1					
4-Nitrophenol	ND		ug/kg	230	66.
2,4-Dinitrophenol	ND		ug/kg	780	76.
4,6-Dinitro-o-cresol	ND		ug/kg	420	78.
Pentachlorophenol	ND		ug/kg	130	36.
Phenol	ND		ug/kg	160	24.
2-Methylphenol	ND		ug/kg	160	25.
3-Methylphenol/4-Methylphenol	ND		ug/kg	230	25.
2,4,5-Trichlorophenol	ND		ug/kg	160	31.
Benzoic Acid	ND		ug/kg	530	160
Benzyl Alcohol	ND		ug/kg	160	50.
Carbazole	ND		ug/kg	160	16.
1,4-Dioxane	ND		ug/kg	24	7.5

Tentatively Identified Compounds

No Tentatively Identified Compounds ND ug/kg

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	77		25-120
Phenol-d6	71		10-120
Nitrobenzene-d5	62		23-120
2-Fluorobiphenyl	85		30-120
2,4,6-Tribromophenol	74		10-136
4-Terphenyl-d14	93		18-120

Lab Control Sample Analysis **Batch Quality Control**

Project Name: SUN VALLEY SITE

Project Number: 12060 / PHASE 8

Lab Number: L2353480

Report Date: 09/20/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01,03,05,07,09 Batch: WG1827264-2 WG1827264-3								
Acenaphthene	67		63		31-137	6		50
1,2,4-Trichlorobenzene	71		67		38-107	6		50
Hexachlorobenzene	69		64		40-140	8		50
Bis(2-chloroethyl)ether	56		52		40-140	7		50
2-Chloronaphthalene	69		68		40-140	1		50
1,2-Dichlorobenzene	67		64		40-140	5		50
1,3-Dichlorobenzene	68		64		40-140	6		50
1,4-Dichlorobenzene	68		64		28-104	6		50
3,3'-Dichlorobenzidine	62		60		40-140	3		50
2,4-Dinitrotoluene	80		75		40-132	6		50
2,6-Dinitrotoluene	79		74		40-140	7		50
Fluoranthene	74		68		40-140	8		50
4-Chlorophenyl phenyl ether	76		71		40-140	7		50
4-Bromophenyl phenyl ether	74		68		40-140	8		50
Bis(2-chloroisopropyl)ether	56		57		40-140	2		50
Bis(2-chloroethoxy)methane	55		54		40-117	2		50
Hexachlorobutadiene	82		78		40-140	5		50
Hexachlorocyclopentadiene	69		68		40-140	1		50
Hexachloroethane	63		60		40-140	5		50
Isophorone	53		52		40-140	2		50
Naphthalene	69		66		40-140	4		50
Nitrobenzene	56		51		40-140	9		50
NDPA/DPA	72		68		36-157	6		50

Lab Control Sample Analysis **Batch Quality Control**

Project Name: SUN VALLEY SITE
Project Number: 12060 / PHASE 8

Lab Number: L2353480
Report Date: 09/20/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01,03,05,07,09 Batch: WG1827264-2 WG1827264-3								
n-Nitrosodi-n-propylamine	51		50		32-121	2		50
Bis(2-ethylhexyl)phthalate	85		79		40-140	7		50
Butyl benzyl phthalate	78		72		40-140	8		50
Di-n-butylphthalate	77		72		40-140	7		50
Di-n-octylphthalate	86		82		40-140	5		50
Diethyl phthalate	75		69		40-140	8		50
Dimethyl phthalate	77		70		40-140	10		50
Benzo(a)anthracene	77		72		40-140	7		50
Benzo(a)pyrene	80		81		40-140	1		50
Benzo(b)fluoranthene	75		69		40-140	8		50
Benzo(k)fluoranthene	77		77		40-140	0		50
Chrysene	79		72		40-140	9		50
Acenaphthylene	73		68		40-140	7		50
Anthracene	74		69		40-140	7		50
Benzo(ghi)perylene	78		70		40-140	11		50
Fluorene	71		67		40-140	6		50
Phenanthrene	72		66		40-140	9		50
Dibenzo(a,h)anthracene	81		73		40-140	10		50
Indeno(1,2,3-cd)pyrene	88		80		40-140	10		50
Pyrene	72		68		35-142	6		50
Biphenyl	73		73		37-127	0		50
4-Chloroaniline	38	Q	40		40-140	5		50
2-Nitroaniline	80		74		47-134	8		50

Lab Control Sample Analysis

Batch Quality Control

Project Name: SUN VALLEY SITE

Project Number: 12060 / PHASE 8

Lab Number: L2353480

Report Date: 09/20/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01,03,05,07,09 Batch: WG1827264-2 WG1827264-3								
3-Nitroaniline	60		62		26-129	3		50
4-Nitroaniline	61		59		41-125	3		50
Dibenzofuran	74		69		40-140	7		50
2-Methylnaphthalene	67		68		40-140	1		50
1,2,4,5-Tetrachlorobenzene	77		76		40-117	1		50
Acetophenone	63		62		14-144	2		50
2,4,6-Trichlorophenol	78		75		30-130	4		50
p-Chloro-m-cresol	61		61		26-103	0		50
2-Chlorophenol	72		67		25-102	7		50
2,4-Dichlorophenol	76		70		30-130	8		50
2,4-Dimethylphenol	53		50		30-130	6		50
2-Nitrophenol	80		76		30-130	5		50
4-Nitrophenol	57		56		11-114	2		50
2,4-Dinitrophenol	79		65		4-130	19		50
4,6-Dinitro-o-cresol	94		84		10-130	11		50
Pentachlorophenol	76		74		17-109	3		50
Phenol	58		55		26-90	5		50
2-Methylphenol	59		60		30-130	2		50
3-Methylphenol/4-Methylphenol	62		59		30-130	5		50
2,4,5-Trichlorophenol	77		76		30-130	1		50
Benzoic Acid	37		37		10-110	0		50
Benzyl Alcohol	54		54		40-140	0		50
Carbazole	71		66		54-128	7		50

Lab Control Sample Analysis

Batch Quality Control

Project Name: SUN VALLEY SITE

Project Number: 12060 / PHASE 8

Lab Number: L2353480

Report Date: 09/20/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01,03,05,07,09 Batch: WG1827264-2 WG1827264-3								
1,4-Dioxane	48		42		40-140	13		50

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	63		55		25-120
Phenol-d6	60		53		10-120
Nitrobenzene-d5	54		48		23-120
2-Fluorobiphenyl	65		63		30-120
2,4,6-Tribromophenol	63		55		10-136
4-Terphenyl-d14	69		61		18-120

PETROLEUM HYDROCARBONS

Project Name: SUN VALLEY SITE
Project Number: 12060 / PHASE 8

Lab Number: L2353480
Report Date: 09/20/23

SAMPLE RESULTS

Lab ID: L2353480-01
 Client ID: COMP_D3(0-7)
 Sample Location: OSINING, NY

Date Collected: 09/13/23 09:50
 Date Received: 09/13/23
 Field Prep: Not Specified

Sample Depth:
 Matrix: Soil
 Analytical Method: 103,NJDEP EPH
 Analytical Date: 09/15/23 14:14
 Analyst: SC
 Percent Solids: 85%

Extraction Method: EPA 3546
 Extraction Date: 09/14/23 10:38

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
NJ Extractable Petroleum Hydrocarbons (Total) - Westborough Lab						
Total EPH	ND		mg/kg	28.0	28.0	1
Surrogate	% Recovery		Qualifier	Acceptance Criteria		
Chloro-Octadecane	73			40-140		
o-Terphenyl	73			40-140		

Project Name: SUN VALLEY SITE
Project Number: 12060 / PHASE 8

Lab Number: L2353480
Report Date: 09/20/23

SAMPLE RESULTS

Lab ID: L2353480-03
 Client ID: COMP_E3(0-6)
 Sample Location: OSINING, NY

Date Collected: 09/13/23 11:30
 Date Received: 09/13/23
 Field Prep: Not Specified

Sample Depth:
 Matrix: Soil
 Analytical Method: 103,NJDEP EPH
 Analytical Date: 09/15/23 14:14
 Analyst: SC
 Percent Solids: 91%

Extraction Method: EPA 3546
 Extraction Date: 09/14/23 10:38

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
NJ Extractable Petroleum Hydrocarbons (Total) - Westborough Lab						
Total EPH	ND		mg/kg	25.4	25.4	1
Surrogate	% Recovery		Qualifier	Acceptance Criteria		
Chloro-Octadecane	77			40-140		
o-Terphenyl	77			40-140		

Project Name: SUN VALLEY SITE
Project Number: 12060 / PHASE 8

Lab Number: L2353480
Report Date: 09/20/23

SAMPLE RESULTS

Lab ID: L2353480-05
 Client ID: COMP_F3(0-10)
 Sample Location: OSINING, NY

Date Collected: 09/13/23 13:00
 Date Received: 09/13/23
 Field Prep: Not Specified

Sample Depth:
 Matrix: Soil
 Analytical Method: 103,NJDEP EPH
 Analytical Date: 09/15/23 15:24
 Analyst: SC
 Percent Solids: 93%

Extraction Method: EPA 3546
 Extraction Date: 09/14/23 10:38

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
NJ Extractable Petroleum Hydrocarbons (Total) - Westborough Lab						
Total EPH	ND		mg/kg	25.0	25.0	1
Surrogate	% Recovery		Qualifier	Acceptance Criteria		
Chloro-Octadecane	73			40-140		
o-Terphenyl	74			40-140		

Project Name: SUN VALLEY SITE
Project Number: 12060 / PHASE 8

Lab Number: L2353480
Report Date: 09/20/23

SAMPLE RESULTS

Lab ID: L2353480-07
 Client ID: COMP_F2(0-7)
 Sample Location: OSINING, NY

Date Collected: 09/13/23 14:45
 Date Received: 09/13/23
 Field Prep: Not Specified

Sample Depth:
 Matrix: Soil
 Analytical Method: 103,NJDEP EPH
 Analytical Date: 09/15/23 14:49
 Analyst: SC
 Percent Solids: 93%

Extraction Method: EPA 3546
 Extraction Date: 09/14/23 10:38

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
NJ Extractable Petroleum Hydrocarbons (Total) - Westborough Lab						
Total EPH	ND		mg/kg	24.6	24.6	1
Surrogate	% Recovery		Qualifier	Acceptance Criteria		
Chloro-Octadecane	75			40-140		
o-Terphenyl	75			40-140		

Project Name: SUN VALLEY SITE
Project Number: 12060 / PHASE 8

Lab Number: L2353480
Report Date: 09/20/23

SAMPLE RESULTS

Lab ID: L2353480-09
 Client ID: COMP_F2(7-15)
 Sample Location: OSINING, NY

Date Collected: 09/13/23 15:45
 Date Received: 09/13/23
 Field Prep: Not Specified

Sample Depth:
 Matrix: Soil
 Analytical Method: 103,NJDEP EPH
 Analytical Date: 09/15/23 14:49
 Analyst: SC
 Percent Solids: 93%

Extraction Method: EPA 3546
 Extraction Date: 09/14/23 10:38

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
NJ Extractable Petroleum Hydrocarbons (Total) - Westborough Lab						
Total EPH	ND		mg/kg	24.6	24.6	1
Surrogate	% Recovery		Qualifier	Acceptance Criteria		
Chloro-Octadecane	78			40-140		
o-Terphenyl	78			40-140		

Project Name: SUN VALLEY SITE
Project Number: 12060 / PHASE 8

Lab Number: L2353480
Report Date: 09/20/23

Method Blank Analysis Batch Quality Control

Analytical Method: 103,NJDEP EPH
Analytical Date: 09/15/23 13:03
Analyst: SC

Extraction Method: EPA 3546
Extraction Date: 09/14/23 10:38

Parameter	Result	Qualifier	Units	RL	MDL
NJ Extractable Petroleum Hydrocarbons (Total) - Westborough Lab for sample(s): 01,03,05,07,09 Batch: WG1827489-1					
Total EPH	ND		mg/kg	23.1	23.1

Surrogate	%Recovery	Qualifier	Acceptance Criteria
Chloro-Octadecane	62		40-140
o-Terphenyl	62		40-140

Lab Control Sample Analysis

Batch Quality Control

Project Name: SUN VALLEY SITE

Project Number: 12060 / PHASE 8

Lab Number: L2353480

Report Date: 09/20/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
NJ Extractable Petroleum Hydrocarbons (Total) - Westborough Lab Associated sample(s): 01,03,05,07,09 Batch: WG1827489-2 WG1827489-3								
Total EPH	92		94		40-140	2		25
Nonane (C9)	96		102		40-140	6		25
Decane (C10)	94		100		40-140	6		25
Dodecane (C12)	91		95		40-140	4		25
Tetradecane (C14)	88		89		40-140	1		25
Hexadecane (C16)	85		86		40-140	1		25
Octadecane (C18)	88		89		40-140	1		25
Eicosane (C20)	81		82		40-140	1		25
Heneicosane (C21)	83		84		40-140	1		25
Docosane (C22)	83		84		40-140	1		25
Tetracosane (C24)	83		84		40-140	1		25
Hexacosane (C26)	82		83		40-140	1		25
Octacosane (C28)	82		84		40-140	2		25
triacontane (C30)	82		83		40-140	1		25
Dotriacontane (C32)	84		85		40-140	1		25
Tetratriacontane (C34)	81		82		40-140	1		25
Hexatriacontane (C36)	82		83		40-140	1		25
Octatriacontane (C38)	80		80		40-140	0		25
Tetracontane (C40)	82		80		40-140	2		25

Lab Control Sample Analysis

Batch Quality Control

Project Name: SUN VALLEY SITE

Lab Number: L2353480

Project Number: 12060 / PHASE 8

Report Date: 09/20/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
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NJ Extractable Petroleum Hydrocarbons (Total) - Westborough Lab Associated sample(s): 01,03,05,07,09 Batch: WG1827489-2 WG1827489-3

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
Chloro-Octadecane	76		76		40-140
o-Terphenyl	76		76		40-140

Matrix Spike Analysis

Batch Quality Control

Project Name: SUN VALLEY SITE

Project Number: 12060 / PHASE 8

Lab Number: L2353480

Report Date: 09/20/23

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
NJ Extractable Petroleum Hydrocarbons (Total) - Westborough Lab Client ID: MS Sample Associated sample(s): 01,03,05,07,09 QC Batch ID: WG1827489-4 QC Sample: L2353074-20												
Total EPH	ND	302	304	101		-	-		40-140	-		50
Nonane (C9)	ND	8.39	8.51	101		-	-		40-140	-		50
Decane (C10)	ND	8.39	8.30	99		-	-		40-140	-		50
Dodecane (C12)	ND	8.39	8.06	96		-	-		40-140	-		50
Tetradecane (C14)	ND	8.39	7.76	93		-	-		40-140	-		50
Hexadecane (C16)	ND	8.39	7.56	90		-	-		40-140	-		50
Octadecane (C18)	ND	8.39	7.85	94		-	-		40-140	-		50
Eicosane (C20)	ND	8.39	7.26	87		-	-		40-140	-		50
Heneicosane (C21)	ND	8.39	7.48	89		-	-		40-140	-		50
Docosane (C22)	ND	8.39	7.45	89		-	-		40-140	-		50
Tetracosane (C24)	ND	8.39	7.46	89		-	-		40-140	-		50
Hexacosane (C26)	ND	8.39	7.42	88		-	-		40-140	-		50
Octacosane (C28)	ND	8.39	7.53	90		-	-		40-140	-		50
triacontane (C30)	ND	8.39	7.45	89		-	-		40-140	-		50
Dotriacontane (C32)	ND	8.39	7.58	90		-	-		40-140	-		50
Tetratriacontane (C34)	ND	8.39	7.38	88		-	-		40-140	-		50
Hexatriacontane (C36)	ND	8.39	7.42	88		-	-		40-140	-		50
Octatriacontane (C38)	ND	8.39	7.23	86		-	-		40-140	-		50
Tetracontane (C40)	ND	8.39	7.56	90		-	-		40-140	-		50

Surrogate	MS % Recovery	MS Qualifier	MSD % Recovery	MSD Qualifier	Acceptance Criteria
Chloro-Octadecane	81				40-140

Matrix Spike Analysis**Batch Quality Control****Project Name:** SUN VALLEY SITE**Lab Number:** L2353480**Project Number:** 12060 / PHASE 8**Report Date:** 09/20/23

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
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NJ Extractable Petroleum Hydrocarbons (Total) - Westborough Lab Associated sample(s): 01,03,05,07,09 QC Batch ID: WG1827489-4 QC Sample: L2353074-20
 Client ID: MS Sample

Surrogate	MS % Recovery	Qualifier	MSD % Recovery	Qualifier	Acceptance Criteria
o-Terphenyl	80				40-140

Lab Duplicate Analysis Batch Quality Control

Project Name: SUN VALLEY SITE

Project Number: 12060 / PHASE 8

Lab Number: L2353480

Report Date: 09/20/23

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
NJ Extractable Petroleum Hydrocarbons (Total) - Westborough Lab Associated sample(s): 01,03,05,07,09 QC Batch ID: WG1827489-5 QC Sample: L2353074-20 Client ID: DUP Sample						
Total EPH	ND	ND	mg/kg	NC		50

Surrogate	%Recovery	Qualifier	%Recovery	Qualifier	Acceptance Criteria
Chloro-Octadecane	76		81		40-140
o-Terphenyl	76		81		40-140

PCBS

Project Name: SUN VALLEY SITE
Project Number: 12060 / PHASE 8

Lab Number: L2353480
Report Date: 09/20/23

SAMPLE RESULTS

Lab ID: L2353480-01
Client ID: COMP_D3(0-7)
Sample Location: OSINING, NY

Date Collected: 09/13/23 09:50
Date Received: 09/13/23
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 09/15/23 10:00
Analyst: MEO
Percent Solids: 85%

Extraction Method: EPA 3546
Extraction Date: 09/14/23 17:55
Cleanup Method: EPA 3665A
Cleanup Date: 09/15/23
Cleanup Method: EPA 3660B
Cleanup Date: 09/15/23

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	56.1	4.98	1	A
Aroclor 1221	ND		ug/kg	56.1	5.62	1	A
Aroclor 1232	ND		ug/kg	56.1	11.9	1	A
Aroclor 1242	ND		ug/kg	56.1	7.56	1	A
Aroclor 1248	ND		ug/kg	56.1	8.41	1	A
Aroclor 1254	ND		ug/kg	56.1	6.14	1	A
Aroclor 1260	ND		ug/kg	56.1	10.4	1	A
Aroclor 1262	ND		ug/kg	56.1	7.12	1	A
Aroclor 1268	ND		ug/kg	56.1	5.81	1	A
PCBs, Total	ND		ug/kg	56.1	4.98	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	66		30-150	A
Decachlorobiphenyl	54		30-150	A
2,4,5,6-Tetrachloro-m-xylene	64		30-150	B
Decachlorobiphenyl	52		30-150	B

Project Name: SUN VALLEY SITE
Project Number: 12060 / PHASE 8

Lab Number: L2353480
Report Date: 09/20/23

SAMPLE RESULTS

Lab ID: L2353480-03
Client ID: COMP_E3(0-6)
Sample Location: OSINING, NY

Date Collected: 09/13/23 11:30
Date Received: 09/13/23
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 09/15/23 10:10
Analyst: MEO
Percent Solids: 91%

Extraction Method: EPA 3546
Extraction Date: 09/14/23 17:55
Cleanup Method: EPA 3665A
Cleanup Date: 09/15/23
Cleanup Method: EPA 3660B
Cleanup Date: 09/15/23

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	53.6	4.76	1	A
Aroclor 1221	ND		ug/kg	53.6	5.37	1	A
Aroclor 1232	ND		ug/kg	53.6	11.4	1	A
Aroclor 1242	ND		ug/kg	53.6	7.22	1	A
Aroclor 1248	ND		ug/kg	53.6	8.03	1	A
Aroclor 1254	ND		ug/kg	53.6	5.86	1	A
Aroclor 1260	ND		ug/kg	53.6	9.90	1	A
Aroclor 1262	ND		ug/kg	53.6	6.80	1	A
Aroclor 1268	ND		ug/kg	53.6	5.55	1	A
PCBs, Total	ND		ug/kg	53.6	4.76	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	69		30-150	A
Decachlorobiphenyl	58		30-150	A
2,4,5,6-Tetrachloro-m-xylene	70		30-150	B
Decachlorobiphenyl	59		30-150	B

Project Name: SUN VALLEY SITE
Project Number: 12060 / PHASE 8

Lab Number: L2353480
Report Date: 09/20/23

SAMPLE RESULTS

Lab ID: L2353480-05
Client ID: COMP_F3(0-10)
Sample Location: OSINING, NY

Date Collected: 09/13/23 13:00
Date Received: 09/13/23
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 09/15/23 10:20
Analyst: MEO
Percent Solids: 93%

Extraction Method: EPA 3546
Extraction Date: 09/14/23 17:55
Cleanup Method: EPA 3665A
Cleanup Date: 09/15/23
Cleanup Method: EPA 3660B
Cleanup Date: 09/15/23

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	48.9	4.34	1	A
Aroclor 1221	ND		ug/kg	48.9	4.90	1	A
Aroclor 1232	ND		ug/kg	48.9	10.4	1	A
Aroclor 1242	ND		ug/kg	48.9	6.60	1	A
Aroclor 1248	ND		ug/kg	48.9	7.34	1	A
Aroclor 1254	ND		ug/kg	48.9	5.35	1	A
Aroclor 1260	ND		ug/kg	48.9	9.04	1	A
Aroclor 1262	ND		ug/kg	48.9	6.22	1	A
Aroclor 1268	ND		ug/kg	48.9	5.07	1	A
PCBs, Total	ND		ug/kg	48.9	4.34	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	68		30-150	A
Decachlorobiphenyl	56		30-150	A
2,4,5,6-Tetrachloro-m-xylene	67		30-150	B
Decachlorobiphenyl	57		30-150	B

Project Name: SUN VALLEY SITE
Project Number: 12060 / PHASE 8

Lab Number: L2353480
Report Date: 09/20/23

SAMPLE RESULTS

Lab ID: L2353480-07
Client ID: COMP_F2(0-7)
Sample Location: OSINING, NY

Date Collected: 09/13/23 14:45
Date Received: 09/13/23
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 09/15/23 10:30
Analyst: MEO
Percent Solids: 93%

Extraction Method: EPA 3546
Extraction Date: 09/14/23 17:55
Cleanup Method: EPA 3665A
Cleanup Date: 09/15/23
Cleanup Method: EPA 3660B
Cleanup Date: 09/15/23

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	51.3	4.55	1	A
Aroclor 1221	ND		ug/kg	51.3	5.14	1	A
Aroclor 1232	ND		ug/kg	51.3	10.9	1	A
Aroclor 1242	ND		ug/kg	51.3	6.91	1	A
Aroclor 1248	ND		ug/kg	51.3	7.69	1	A
Aroclor 1254	ND		ug/kg	51.3	5.61	1	A
Aroclor 1260	ND		ug/kg	51.3	9.48	1	A
Aroclor 1262	ND		ug/kg	51.3	6.51	1	A
Aroclor 1268	ND		ug/kg	51.3	5.31	1	A
PCBs, Total	ND		ug/kg	51.3	4.55	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	67		30-150	A
Decachlorobiphenyl	59		30-150	A
2,4,5,6-Tetrachloro-m-xylene	67		30-150	B
Decachlorobiphenyl	55		30-150	B

Project Name: SUN VALLEY SITE
Project Number: 12060 / PHASE 8

Lab Number: L2353480
Report Date: 09/20/23

SAMPLE RESULTS

Lab ID: L2353480-09
Client ID: COMP_F2(7-15)
Sample Location: OSINING, NY

Date Collected: 09/13/23 15:45
Date Received: 09/13/23
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 09/15/23 10:40
Analyst: MEO
Percent Solids: 93%

Extraction Method: EPA 3546
Extraction Date: 09/14/23 17:55
Cleanup Method: EPA 3665A
Cleanup Date: 09/15/23
Cleanup Method: EPA 3660B
Cleanup Date: 09/15/23

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	51.0	4.53	1	A
Aroclor 1221	ND		ug/kg	51.0	5.11	1	A
Aroclor 1232	ND		ug/kg	51.0	10.8	1	A
Aroclor 1242	ND		ug/kg	51.0	6.87	1	A
Aroclor 1248	ND		ug/kg	51.0	7.65	1	A
Aroclor 1254	ND		ug/kg	51.0	5.58	1	A
Aroclor 1260	ND		ug/kg	51.0	9.42	1	A
Aroclor 1262	ND		ug/kg	51.0	6.48	1	A
Aroclor 1268	ND		ug/kg	51.0	5.28	1	A
PCBs, Total	ND		ug/kg	51.0	4.53	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	69		30-150	A
Decachlorobiphenyl	63		30-150	A
2,4,5,6-Tetrachloro-m-xylene	68		30-150	B
Decachlorobiphenyl	51		30-150	B

Project Name: SUN VALLEY SITE
Project Number: 12060 / PHASE 8

Lab Number: L2353480
Report Date: 09/20/23

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8082A
Analytical Date: 09/15/23 08:51
Analyst: MEO

Extraction Method: EPA 3546
Extraction Date: 09/14/23 17:55
Cleanup Method: EPA 3665A
Cleanup Date: 09/15/23
Cleanup Method: EPA 3660B
Cleanup Date: 09/15/23

Parameter	Result	Qualifier	Units	RL	MDL	Column
Polychlorinated Biphenyls by GC - Westborough Lab for sample(s): 01,03,05,07,09 Batch: WG1827680-1						
Aroclor 1016	ND		ug/kg	47.6	4.23	A
Aroclor 1221	ND		ug/kg	47.6	4.77	A
Aroclor 1232	ND		ug/kg	47.6	10.1	A
Aroclor 1242	ND		ug/kg	47.6	6.42	A
Aroclor 1248	ND		ug/kg	47.6	7.14	A
Aroclor 1254	ND		ug/kg	47.6	5.21	A
Aroclor 1260	ND		ug/kg	47.6	8.80	A
Aroclor 1262	ND		ug/kg	47.6	6.05	A
Aroclor 1268	ND		ug/kg	47.6	4.93	A
PCBs, Total	ND		ug/kg	47.6	4.23	A

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	76		30-150	A
Decachlorobiphenyl	73		30-150	A
2,4,5,6-Tetrachloro-m-xylene	79		30-150	B
Decachlorobiphenyl	68		30-150	B

Lab Control Sample Analysis

Batch Quality Control

Project Name: SUN VALLEY SITE

Project Number: 12060 / PHASE 8

Lab Number: L2353480

Report Date: 09/20/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Polychlorinated Biphenyls by GC - Westborough Lab Associated sample(s): 01,03,05,07,09 Batch: WG1827680-2 WG1827680-3									
Aroclor 1016	75		78		40-140	4		50	A
Aroclor 1260	70		66		40-140	6		50	A

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	72		74		30-150	A
Decachlorobiphenyl	67		65		30-150	A
2,4,5,6-Tetrachloro-m-xylene	72		73		30-150	B
Decachlorobiphenyl	63		64		30-150	B

PESTICIDES

Project Name: SUN VALLEY SITE
Project Number: 12060 / PHASE 8

Lab Number: L2353480
Report Date: 09/20/23

SAMPLE RESULTS

Lab ID: L2353480-01
Client ID: COMP_D3(0-7)
Sample Location: OSINING, NY

Date Collected: 09/13/23 09:50
Date Received: 09/13/23
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 09/15/23 15:18
Analyst: JAG
Percent Solids: 85%

Extraction Method: EPA 3546
Extraction Date: 09/14/23 17:47
Cleanup Method: EPA 3620B
Cleanup Date: 09/15/23
Cleanup Method: EPA 3660B
Cleanup Date: 09/15/23

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.79	0.350	1	A
Lindane	ND		ug/kg	0.744	0.333	1	A
Alpha-BHC	ND		ug/kg	0.744	0.211	1	A
Beta-BHC	ND		ug/kg	1.79	0.677	1	A
Heptachlor	ND		ug/kg	0.893	0.400	1	A
Aldrin	ND		ug/kg	1.79	0.629	1	A
Heptachlor epoxide	ND		ug/kg	3.35	1.00	1	A
Endrin	ND		ug/kg	0.744	0.305	1	A
Endrin aldehyde	ND		ug/kg	2.23	0.782	1	A
Endrin ketone	ND		ug/kg	1.79	0.460	1	A
Dieldrin	ND		ug/kg	1.12	0.558	1	A
4,4'-DDE	ND		ug/kg	1.79	0.413	1	A
4,4'-DDD	ND		ug/kg	1.79	0.637	1	A
4,4'-DDT	ND		ug/kg	1.79	1.44	1	A
Endosulfan I	ND		ug/kg	1.79	0.422	1	A
Endosulfan II	ND		ug/kg	1.79	0.597	1	A
Endosulfan sulfate	ND		ug/kg	0.744	0.354	1	A
Methoxychlor	ND		ug/kg	3.35	1.04	1	A
Toxaphene	ND		ug/kg	33.5	9.38	1	A
cis-Chlordane	ND		ug/kg	2.23	0.622	1	A
trans-Chlordane	ND		ug/kg	2.23	0.589	1	A
Chlordane	ND		ug/kg	14.9	5.92	1	A

Project Name: SUN VALLEY SITE**Lab Number:** L2353480**Project Number:** 12060 / PHASE 8**Report Date:** 09/20/23**SAMPLE RESULTS**

Lab ID: L2353480-01

Date Collected: 09/13/23 09:50

Client ID: COMP_D3(0-7)

Date Received: 09/13/23

Sample Location: OSINING, NY

Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	62		30-150	A
Decachlorobiphenyl	68		30-150	A
2,4,5,6-Tetrachloro-m-xylene	67		30-150	B
Decachlorobiphenyl	65		30-150	B

Project Name: SUN VALLEY SITE
Project Number: 12060 / PHASE 8

Lab Number: L2353480
Report Date: 09/20/23

SAMPLE RESULTS

Lab ID: L2353480-01
Client ID: COMP_D3(0-7)
Sample Location: OSINING, NY

Date Collected: 09/13/23 09:50
Date Received: 09/13/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8151A
Analytical Date: 09/18/23 12:30
Analyst: EJJ
Percent Solids: 85%
Methylation Date: 09/18/23 01:55

Extraction Method: EPA 8151A
Extraction Date: 09/15/23 15:46

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Chlorinated Herbicides by GC - Westborough Lab							
2,4-D	ND		ug/kg	193	12.2	1	A
2,4,5-T	ND		ug/kg	193	5.99	1	A
2,4,5-TP (Silvex)	ND		ug/kg	193	5.14	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
DCAA	85		30-150	A
DCAA	95		30-150	B

Project Name: SUN VALLEY SITE
Project Number: 12060 / PHASE 8

Lab Number: L2353480
Report Date: 09/20/23

SAMPLE RESULTS

Lab ID: L2353480-03
Client ID: COMP_E3(0-6)
Sample Location: OSINING, NY

Date Collected: 09/13/23 11:30
Date Received: 09/13/23
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 09/15/23 15:28
Analyst: JAG
Percent Solids: 91%

Extraction Method: EPA 3546
Extraction Date: 09/14/23 17:47
Cleanup Method: EPA 3620B
Cleanup Date: 09/15/23
Cleanup Method: EPA 3660B
Cleanup Date: 09/15/23

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.72	0.337	1	A
Lindane	ND		ug/kg	0.718	0.321	1	A
Alpha-BHC	ND		ug/kg	0.718	0.204	1	A
Beta-BHC	ND		ug/kg	1.72	0.653	1	A
Heptachlor	ND		ug/kg	0.862	0.386	1	A
Aldrin	ND		ug/kg	1.72	0.607	1	A
Heptachlor epoxide	ND		ug/kg	3.23	0.969	1	A
Endrin	ND		ug/kg	0.718	0.294	1	A
Endrin aldehyde	ND		ug/kg	2.15	0.754	1	A
Endrin ketone	ND		ug/kg	1.72	0.444	1	A
Dieldrin	ND		ug/kg	1.08	0.538	1	A
4,4'-DDE	ND		ug/kg	1.72	0.398	1	A
4,4'-DDD	ND		ug/kg	1.72	0.614	1	A
4,4'-DDT	ND		ug/kg	1.72	1.38	1	A
Endosulfan I	ND		ug/kg	1.72	0.407	1	A
Endosulfan II	ND		ug/kg	1.72	0.576	1	A
Endosulfan sulfate	ND		ug/kg	0.718	0.342	1	A
Methoxychlor	ND		ug/kg	3.23	1.00	1	A
Toxaphene	ND		ug/kg	32.3	9.05	1	A
cis-Chlordane	ND		ug/kg	2.15	0.600	1	A
trans-Chlordane	ND		ug/kg	2.15	0.569	1	A
Chlordane	ND		ug/kg	14.4	5.71	1	A

Project Name: SUN VALLEY SITE
Project Number: 12060 / PHASE 8

Lab Number: L2353480
Report Date: 09/20/23

SAMPLE RESULTS

Lab ID: L2353480-03
Client ID: COMP_E3(0-6)
Sample Location: OSINING, NY

Date Collected: 09/13/23 11:30
Date Received: 09/13/23
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	64		30-150	A
Decachlorobiphenyl	69		30-150	A
2,4,5,6-Tetrachloro-m-xylene	70		30-150	B
Decachlorobiphenyl	66		30-150	B

Project Name: SUN VALLEY SITE
Project Number: 12060 / PHASE 8

Lab Number: L2353480
Report Date: 09/20/23

SAMPLE RESULTS

Lab ID: L2353480-03
Client ID: COMP_E3(0-6)
Sample Location: OSINING, NY

Date Collected: 09/13/23 11:30
Date Received: 09/13/23
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8151A
Analytical Date: 09/18/23 12:49
Analyst: EJJ
Percent Solids: 91%
Methylation Date: 09/18/23 01:55

Extraction Method: EPA 8151A
Extraction Date: 09/15/23 15:46

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Chlorinated Herbicides by GC - Westborough Lab							
2,4-D	ND		ug/kg	180	11.4	1	A
2,4,5-T	ND		ug/kg	180	5.59	1	A
2,4,5-TP (Silvex)	ND		ug/kg	180	4.80	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
DCAA	82		30-150	A
DCAA	92		30-150	B

Project Name: SUN VALLEY SITE
Project Number: 12060 / PHASE 8

Lab Number: L2353480
Report Date: 09/20/23

SAMPLE RESULTS

Lab ID: L2353480-05
Client ID: COMP_F3(0-10)
Sample Location: OSINING, NY

Date Collected: 09/13/23 13:00
Date Received: 09/13/23
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 09/15/23 15:39
Analyst: JAG
Percent Solids: 93%

Extraction Method: EPA 3546
Extraction Date: 09/14/23 17:47
Cleanup Method: EPA 3620B
Cleanup Date: 09/15/23
Cleanup Method: EPA 3660B
Cleanup Date: 09/15/23

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.65	0.324	1	A
Lindane	ND		ug/kg	0.688	0.308	1	A
Alpha-BHC	ND		ug/kg	0.688	0.196	1	A
Beta-BHC	ND		ug/kg	1.65	0.626	1	A
Heptachlor	ND		ug/kg	0.826	0.370	1	A
Aldrin	ND		ug/kg	1.65	0.582	1	A
Heptachlor epoxide	ND		ug/kg	3.10	0.929	1	A
Endrin	ND		ug/kg	0.688	0.282	1	A
Endrin aldehyde	ND		ug/kg	2.06	0.723	1	A
Endrin ketone	ND		ug/kg	1.65	0.425	1	A
Dieldrin	ND		ug/kg	1.03	0.516	1	A
4,4'-DDE	ND		ug/kg	1.65	0.382	1	A
4,4'-DDD	ND		ug/kg	1.65	0.589	1	A
4,4'-DDT	ND		ug/kg	1.65	1.33	1	A
Endosulfan I	ND		ug/kg	1.65	0.390	1	A
Endosulfan II	ND		ug/kg	1.65	0.552	1	A
Endosulfan sulfate	ND		ug/kg	0.688	0.328	1	A
Methoxychlor	ND		ug/kg	3.10	0.964	1	A
Toxaphene	ND		ug/kg	31.0	8.67	1	A
cis-Chlordane	ND		ug/kg	2.06	0.575	1	A
trans-Chlordane	ND		ug/kg	2.06	0.545	1	A
Chlordane	ND		ug/kg	13.8	5.47	1	A

Project Name: SUN VALLEY SITE
Project Number: 12060 / PHASE 8

Lab Number: L2353480
Report Date: 09/20/23

SAMPLE RESULTS

Lab ID: L2353480-05
Client ID: COMP_F3(0-10)
Sample Location: OSINING, NY

Date Collected: 09/13/23 13:00
Date Received: 09/13/23
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	69		30-150	A
Decachlorobiphenyl	74		30-150	A
2,4,5,6-Tetrachloro-m-xylene	76		30-150	B
Decachlorobiphenyl	70		30-150	B

Project Name: SUN VALLEY SITE
Project Number: 12060 / PHASE 8

Lab Number: L2353480
Report Date: 09/20/23

SAMPLE RESULTS

Lab ID: L2353480-05
Client ID: COMP_F3(0-10)
Sample Location: OSINING, NY

Date Collected: 09/13/23 13:00
Date Received: 09/13/23
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8151A
Analytical Date: 09/18/23 13:07
Analyst: EJJ
Percent Solids: 93%
Methylation Date: 09/18/23 01:55

Extraction Method: EPA 8151A
Extraction Date: 09/15/23 15:46

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Chlorinated Herbicides by GC - Westborough Lab							
2,4-D	ND		ug/kg	177	11.1	1	A
2,4,5-T	ND		ug/kg	177	5.48	1	A
2,4,5-TP (Silvex)	ND		ug/kg	177	4.70	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
DCAA	85		30-150	A
DCAA	93		30-150	B

Project Name: SUN VALLEY SITE
Project Number: 12060 / PHASE 8

Lab Number: L2353480
Report Date: 09/20/23

SAMPLE RESULTS

Lab ID: L2353480-07
Client ID: COMP_F2(0-7)
Sample Location: OSINING, NY

Date Collected: 09/13/23 14:45
Date Received: 09/13/23
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 09/15/23 15:50
Analyst: JAG
Percent Solids: 93%

Extraction Method: EPA 3546
Extraction Date: 09/14/23 17:47
Cleanup Method: EPA 3620B
Cleanup Date: 09/15/23
Cleanup Method: EPA 3660B
Cleanup Date: 09/15/23

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.69	0.332	1	A
Lindane	ND		ug/kg	0.705	0.315	1	A
Alpha-BHC	ND		ug/kg	0.705	0.200	1	A
Beta-BHC	ND		ug/kg	1.69	0.642	1	A
Heptachlor	ND		ug/kg	0.846	0.380	1	A
Aldrin	ND		ug/kg	1.69	0.596	1	A
Heptachlor epoxide	ND		ug/kg	3.17	0.952	1	A
Endrin	ND		ug/kg	0.705	0.289	1	A
Endrin aldehyde	ND		ug/kg	2.12	0.741	1	A
Endrin ketone	ND		ug/kg	1.69	0.436	1	A
Dieldrin	ND		ug/kg	1.06	0.529	1	A
4,4'-DDE	ND		ug/kg	1.69	0.392	1	A
4,4'-DDD	ND		ug/kg	1.69	0.604	1	A
4,4'-DDT	ND		ug/kg	1.69	1.36	1	A
Endosulfan I	ND		ug/kg	1.69	0.400	1	A
Endosulfan II	ND		ug/kg	1.69	0.566	1	A
Endosulfan sulfate	ND		ug/kg	0.705	0.336	1	A
Methoxychlor	ND		ug/kg	3.17	0.988	1	A
Toxaphene	ND		ug/kg	31.7	8.89	1	A
cis-Chlordane	ND		ug/kg	2.12	0.590	1	A
trans-Chlordane	ND		ug/kg	2.12	0.559	1	A
Chlordane	ND		ug/kg	14.1	5.61	1	A

Project Name: SUN VALLEY SITE
Project Number: 12060 / PHASE 8

Lab Number: L2353480
Report Date: 09/20/23

SAMPLE RESULTS

Lab ID: L2353480-07
Client ID: COMP_F2(0-7)
Sample Location: OSINING, NY

Date Collected: 09/13/23 14:45
Date Received: 09/13/23
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	65		30-150	A
Decachlorobiphenyl	64		30-150	A
2,4,5,6-Tetrachloro-m-xylene	71		30-150	B
Decachlorobiphenyl	62		30-150	B

Project Name: SUN VALLEY SITE
Project Number: 12060 / PHASE 8

Lab Number: L2353480
Report Date: 09/20/23

SAMPLE RESULTS

Lab ID: L2353480-07
 Client ID: COMP_F2(0-7)
 Sample Location: OSINING, NY

Date Collected: 09/13/23 14:45
 Date Received: 09/13/23
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8151A
 Analytical Date: 09/18/23 13:25
 Analyst: EJJ
 Percent Solids: 93%
 Methylation Date: 09/18/23 01:55

Extraction Method: EPA 8151A
 Extraction Date: 09/15/23 15:46

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
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Chlorinated Herbicides by GC - Westborough Lab

2,4-D	ND		ug/kg	174	11.0	1	A
2,4,5-T	ND		ug/kg	174	5.40	1	A
2,4,5-TP (Silvex)	ND		ug/kg	174	4.63	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
DCAA	81		30-150	A
DCAA	85		30-150	B

Project Name: SUN VALLEY SITE
Project Number: 12060 / PHASE 8

Lab Number: L2353480
Report Date: 09/20/23

SAMPLE RESULTS

Lab ID: L2353480-09
Client ID: COMP_F2(7-15)
Sample Location: OSINING, NY

Date Collected: 09/13/23 15:45
Date Received: 09/13/23
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 09/15/23 16:40
Analyst: EJL
Percent Solids: 93%

Extraction Method: EPA 3546
Extraction Date: 09/14/23 17:47
Cleanup Method: EPA 3620B
Cleanup Date: 09/15/23
Cleanup Method: EPA 3660B
Cleanup Date: 09/15/23

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.68	0.330	1	A
Lindane	ND		ug/kg	0.701	0.314	1	A
Alpha-BHC	ND		ug/kg	0.701	0.199	1	A
Beta-BHC	ND		ug/kg	1.68	0.638	1	A
Heptachlor	ND		ug/kg	0.842	0.377	1	A
Aldrin	ND		ug/kg	1.68	0.593	1	A
Heptachlor epoxide	ND		ug/kg	3.16	0.947	1	A
Endrin	ND		ug/kg	0.701	0.288	1	A
Endrin aldehyde	ND		ug/kg	2.10	0.736	1	A
Endrin ketone	ND		ug/kg	1.68	0.433	1	A
Dieldrin	ND		ug/kg	1.05	0.526	1	A
4,4'-DDE	ND		ug/kg	1.68	0.389	1	A
4,4'-DDD	ND		ug/kg	1.68	0.600	1	A
4,4'-DDT	ND		ug/kg	1.68	1.35	1	A
Endosulfan I	ND		ug/kg	1.68	0.398	1	A
Endosulfan II	ND		ug/kg	1.68	0.562	1	A
Endosulfan sulfate	ND		ug/kg	0.701	0.334	1	A
Methoxychlor	ND		ug/kg	3.16	0.982	1	A
Toxaphene	ND		ug/kg	31.6	8.84	1	A
cis-Chlordane	ND		ug/kg	2.10	0.586	1	A
trans-Chlordane	ND		ug/kg	2.10	0.556	1	A
Chlordane	ND		ug/kg	14.0	5.58	1	A

Project Name: SUN VALLEY SITE**Lab Number:** L2353480**Project Number:** 12060 / PHASE 8**Report Date:** 09/20/23**SAMPLE RESULTS**

Lab ID: L2353480-09

Date Collected: 09/13/23 15:45

Client ID: COMP_F2(7-15)

Date Received: 09/13/23

Sample Location: OSINING, NY

Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	56		30-150	A
Decachlorobiphenyl	65		30-150	A
2,4,5,6-Tetrachloro-m-xylene	61		30-150	B
Decachlorobiphenyl	63		30-150	B

Project Name: SUN VALLEY SITE
Project Number: 12060 / PHASE 8

Lab Number: L2353480
Report Date: 09/20/23

SAMPLE RESULTS

Lab ID: L2353480-09
Client ID: COMP_F2(7-15)
Sample Location: OSINING, NY

Date Collected: 09/13/23 15:45
Date Received: 09/13/23
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8151A
Analytical Date: 09/18/23 13:43
Analyst: MMG
Percent Solids: 93%
Methylation Date: 09/18/23 01:55

Extraction Method: EPA 8151A
Extraction Date: 09/15/23 15:46

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
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Chlorinated Herbicides by GC - Westborough Lab

2,4-D	ND		ug/kg	176	11.1	1	A
2,4,5-T	ND		ug/kg	176	5.44	1	A
2,4,5-TP (Silvex)	ND		ug/kg	176	4.67	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
DCAA	81		30-150	A
DCAA	92		30-150	B

Project Name: SUN VALLEY SITE
Project Number: 12060 / PHASE 8

Lab Number: L2353480
Report Date: 09/20/23

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8081B
Analytical Date: 09/14/23 14:31
Analyst: JAG

Extraction Method: EPA 3546
Extraction Date: 09/13/23 23:47
Cleanup Method: EPA 3620B
Cleanup Date: 09/14/23
Cleanup Method: EPA 3660B
Cleanup Date: 09/14/23

Parameter	Result	Qualifier	Units	RL	MDL	Column
Organochlorine Pesticides by GC - Westborough Lab for sample(s): 01,03,05,07,09 Batch: WG1827260-1						
Delta-BHC	ND		ug/kg	1.55	0.304	A
Lindane	ND		ug/kg	0.646	0.289	A
Alpha-BHC	ND		ug/kg	0.646	0.184	A
Beta-BHC	ND		ug/kg	1.55	0.588	A
Heptachlor	ND		ug/kg	0.776	0.348	A
Aldrin	ND		ug/kg	1.55	0.546	A
Heptachlor epoxide	ND		ug/kg	2.91	0.873	A
Endrin	ND		ug/kg	0.646	0.265	A
Endrin aldehyde	ND		ug/kg	1.94	0.679	A
Endrin ketone	ND		ug/kg	1.55	0.399	A
Dieldrin	ND		ug/kg	0.970	0.485	A
4,4'-DDE	ND		ug/kg	1.55	0.359	A
4,4'-DDD	ND		ug/kg	1.55	0.553	A
4,4'-DDT	ND		ug/kg	1.55	1.25	A
Endosulfan I	ND		ug/kg	1.55	0.366	A
Endosulfan II	ND		ug/kg	1.55	0.518	A
Endosulfan sulfate	ND		ug/kg	0.646	0.308	A
Methoxychlor	ND		ug/kg	2.91	0.905	A
Toxaphene	ND		ug/kg	29.1	8.14	A
cis-Chlordane	ND		ug/kg	1.94	0.540	A
trans-Chlordane	ND		ug/kg	1.94	0.512	A
Chlordane	ND		ug/kg	12.9	5.14	A

Project Name: SUN VALLEY SITE
Project Number: 12060 / PHASE 8

Lab Number: L2353480
Report Date: 09/20/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8081B
 Analytical Date: 09/14/23 14:31
 Analyst: JAG

Extraction Method: EPA 3546
 Extraction Date: 09/13/23 23:47
 Cleanup Method: EPA 3620B
 Cleanup Date: 09/14/23
 Cleanup Method: EPA 3660B
 Cleanup Date: 09/14/23

Parameter	Result	Qualifier	Units	RL	MDL	Column
Organochlorine Pesticides by GC - Westborough Lab for sample(s): 01,03,05,07,09 Batch: WG1827260-1						

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	50		30-150	A
Decachlorobiphenyl	52		30-150	A
2,4,5,6-Tetrachloro-m-xylene	51		30-150	B
Decachlorobiphenyl	58		30-150	B

Project Name: SUN VALLEY SITE
Project Number: 12060 / PHASE 8

Lab Number: L2353480
Report Date: 09/20/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8151A
Analytical Date: 09/18/23 10:59
Analyst: EJL

Extraction Method: EPA 8151A
Extraction Date: 09/15/23 15:46

Methylation Date: 09/17/23 16:54

Parameter	Result	Qualifier	Units	RL	MDL	Column
Chlorinated Herbicides by GC - Westborough Lab for sample(s): 01,03,05,07,09 Batch: WG1828064-1						
2,4-D	ND		ug/kg	162	10.2	A
2,4,5-T	ND		ug/kg	162	5.02	A
2,4,5-TP (Silvex)	ND		ug/kg	162	4.31	A

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
DCAA	89		30-150	A
DCAA	90		30-150	B

Lab Control Sample Analysis **Batch Quality Control**

Project Name: SUN VALLEY SITE

Project Number: 12060 / PHASE 8

Lab Number: L2353480

Report Date: 09/20/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 01,03,05,07,09 Batch: WG1827260-2 WG1827260-3									
Delta-BHC	83		82		30-150	1		30	A
Lindane	70		73		30-150	4		30	A
Alpha-BHC	73		76		30-150	4		30	A
Beta-BHC	82		89		30-150	8		30	A
Heptachlor	69		73		30-150	6		30	A
Aldrin	68		72		30-150	6		30	A
Heptachlor epoxide	68		71		30-150	4		30	A
Endrin	73		76		30-150	4		30	A
Endrin aldehyde	62		63		30-150	2		30	A
Endrin ketone	76		78		30-150	3		30	A
Dieldrin	80		80		30-150	0		30	A
4,4'-DDE	71		74		30-150	4		30	A
4,4'-DDD	75		81		30-150	8		30	A
4,4'-DDT	80		82		30-150	2		30	A
Endosulfan I	69		73		30-150	6		30	A
Endosulfan II	74		77		30-150	4		30	A
Endosulfan sulfate	70		72		30-150	3		30	A
Methoxychlor	70		74		30-150	6		30	A
cis-Chlordane	75		80		30-150	6		30	A
trans-Chlordane	80		84		30-150	5		30	A

Lab Control Sample Analysis

Batch Quality Control

Project Name: SUN VALLEY SITE

Project Number: 12060 / PHASE 8

Lab Number: L2353480

Report Date: 09/20/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
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Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 01,03,05,07,09 Batch: WG1827260-2 WG1827260-3

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	56		58		30-150	A
Decachlorobiphenyl	58		64		30-150	A
2,4,5,6-Tetrachloro-m-xylene	58		59		30-150	B
Decachlorobiphenyl	68		72		30-150	B

Lab Control Sample Analysis

Batch Quality Control

Project Name: SUN VALLEY SITE

Project Number: 12060 / PHASE 8

Lab Number: L2353480

Report Date: 09/20/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Chlorinated Herbicides by GC - Westborough Lab Associated sample(s): 01,03,05,07,09 Batch: WG1828064-2 WG1828064-3									
2,4-D	90		89		30-150	1		30	A
2,4,5-T	91		91		30-150	0		30	A
2,4,5-TP (Silvex)	87		88		30-150	1		30	A

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
DCAA	89		86		30-150	A
DCAA	89		91		30-150	B

METALS

Project Name: SUN VALLEY SITE**Lab Number:** L2353480**Project Number:** 12060 / PHASE 8**Report Date:** 09/20/23**SAMPLE RESULTS**

Lab ID: L2353480-01

Date Collected: 09/13/23 09:50

Client ID: COMP_D3(0-7)

Date Received: 09/13/23

Sample Location: OSINING, NY

Field Prep: Not Specified

Sample Depth:

TCLP/SPLP Ext. Date: 09/14/23 17:11

Matrix: Soil

Percent Solids: 85%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
TCLP Metals by EPA 1311 - Mansfield Lab											
Arsenic, TCLP	0.0222	J	mg/l	1.00	0.0190	1	09/18/23 23:10	09/19/23 10:26	EPA 3015	1,6010D	DMB
Barium, TCLP	1.00		mg/l	0.500	0.0210	1	09/18/23 23:10	09/19/23 12:21	EPA 3015	1,6010D	DMB
Cadmium, TCLP	ND		mg/l	0.100	0.0100	1	09/18/23 23:10	09/19/23 10:26	EPA 3015	1,6010D	DMB
Chromium, TCLP	ND		mg/l	0.200	0.0210	1	09/18/23 23:10	09/19/23 10:26	EPA 3015	1,6010D	DMB
Lead, TCLP	ND		mg/l	0.500	0.0270	1	09/18/23 23:10	09/19/23 10:26	EPA 3015	1,6010D	DMB
Mercury, TCLP	ND		mg/l	0.0010	0.0005	1	09/19/23 14:10	09/20/23 08:16	EPA 7470A	1,7470A	GMG
Selenium, TCLP	ND		mg/l	0.500	0.0350	1	09/18/23 23:10	09/19/23 10:26	EPA 3015	1,6010D	DMB
Silver, TCLP	ND		mg/l	0.100	0.0280	1	09/18/23 23:10	09/19/23 10:26	EPA 3015	1,6010D	DMB



Project Name: SUN VALLEY SITE**Lab Number:** L2353480**Project Number:** 12060 / PHASE 8**Report Date:** 09/20/23**SAMPLE RESULTS**

Lab ID: L2353480-01

Date Collected: 09/13/23 09:50

Client ID: COMP_D3(0-7)

Date Received: 09/13/23

Sample Location: OSINING, NY

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 85%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	11400		mg/kg	8.90	2.40	2	09/14/23 22:42	09/15/23 10:30	EPA 3050B	1,6010D	DMB
Antimony, Total	ND		mg/kg	4.45	0.338	2	09/14/23 22:42	09/15/23 10:30	EPA 3050B	1,6010D	DMB
Arsenic, Total	1.37		mg/kg	0.890	0.185	2	09/14/23 22:42	09/15/23 10:30	EPA 3050B	1,6010D	DMB
Barium, Total	133		mg/kg	0.890	0.155	2	09/14/23 22:42	09/15/23 10:30	EPA 3050B	1,6010D	DMB
Beryllium, Total	0.746		mg/kg	0.445	0.029	2	09/14/23 22:42	09/15/23 10:30	EPA 3050B	1,6010D	DMB
Cadmium, Total	0.127	J	mg/kg	0.890	0.087	2	09/14/23 22:42	09/15/23 10:30	EPA 3050B	1,6010D	DMB
Calcium, Total	10000		mg/kg	8.90	3.12	2	09/14/23 22:42	09/15/23 10:30	EPA 3050B	1,6010D	DMB
Chromium, Total	20.5		mg/kg	0.890	0.086	2	09/14/23 22:42	09/15/23 10:30	EPA 3050B	1,6010D	DMB
Cobalt, Total	10.0		mg/kg	1.78	0.148	2	09/14/23 22:42	09/15/23 10:30	EPA 3050B	1,6010D	DMB
Copper, Total	15.7		mg/kg	0.890	0.230	2	09/14/23 22:42	09/15/23 10:30	EPA 3050B	1,6010D	DMB
Iron, Total	20300		mg/kg	4.45	0.804	2	09/14/23 22:42	09/15/23 10:30	EPA 3050B	1,6010D	DMB
Lead, Total	4.66		mg/kg	4.45	0.239	2	09/14/23 22:42	09/15/23 10:30	EPA 3050B	1,6010D	DMB
Magnesium, Total	7910		mg/kg	8.90	1.37	2	09/14/23 22:42	09/15/23 10:30	EPA 3050B	1,6010D	DMB
Manganese, Total	262		mg/kg	0.890	0.142	2	09/14/23 22:42	09/15/23 10:30	EPA 3050B	1,6010D	DMB
Mercury, Total	ND		mg/kg	0.076	0.050	1	09/14/23 23:38	09/16/23 10:03	EPA 7471B	1,7471B	GMG
Nickel, Total	16.5		mg/kg	2.23	0.215	2	09/14/23 22:42	09/15/23 10:30	EPA 3050B	1,6010D	DMB
Potassium, Total	5330		mg/kg	223	12.8	2	09/14/23 22:42	09/15/23 10:30	EPA 3050B	1,6010D	DMB
Selenium, Total	ND		mg/kg	1.78	0.230	2	09/14/23 22:42	09/15/23 10:30	EPA 3050B	1,6010D	DMB
Silver, Total	ND		mg/kg	0.445	0.252	2	09/14/23 22:42	09/15/23 10:30	EPA 3050B	1,6010D	DMB
Sodium, Total	120	J	mg/kg	178	2.80	2	09/14/23 22:42	09/15/23 10:30	EPA 3050B	1,6010D	DMB
Thallium, Total	0.319	J	mg/kg	1.78	0.280	2	09/14/23 22:42	09/15/23 10:30	EPA 3050B	1,6010D	DMB
Vanadium, Total	28.2		mg/kg	0.890	0.181	2	09/14/23 22:42	09/15/23 10:30	EPA 3050B	1,6010D	DMB
Zinc, Total	45.7		mg/kg	4.45	0.261	2	09/14/23 22:42	09/15/23 10:30	EPA 3050B	1,6010D	DMB



Project Name: SUN VALLEY SITE**Lab Number:** L2353480**Project Number:** 12060 / PHASE 8**Report Date:** 09/20/23**SAMPLE RESULTS**

Lab ID: L2353480-03

Date Collected: 09/13/23 11:30

Client ID: COMP_E3(0-6)

Date Received: 09/13/23

Sample Location: OSINING, NY

Field Prep: Not Specified

Sample Depth:

TCLP/SPLP Ext. Date: 09/14/23 17:11

Matrix: Soil

Percent Solids: 91%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
TCLP Metals by EPA 1311 - Mansfield Lab											
Arsenic, TCLP	ND		mg/l	1.00	0.0190	1	09/18/23 23:10	09/19/23 13:19	EPA 3015	1,6010D	DMB
Barium, TCLP	0.673		mg/l	0.500	0.0210	1	09/18/23 23:10	09/19/23 13:19	EPA 3015	1,6010D	DMB
Cadmium, TCLP	ND		mg/l	0.100	0.0100	1	09/18/23 23:10	09/19/23 13:19	EPA 3015	1,6010D	DMB
Chromium, TCLP	ND		mg/l	0.200	0.0210	1	09/18/23 23:10	09/19/23 13:19	EPA 3015	1,6010D	DMB
Lead, TCLP	ND		mg/l	0.500	0.0270	1	09/18/23 23:10	09/19/23 13:19	EPA 3015	1,6010D	DMB
Mercury, TCLP	ND		mg/l	0.0010	0.0005	1	09/19/23 14:10	09/20/23 08:26	EPA 7470A	1,7470A	GMG
Selenium, TCLP	ND		mg/l	0.500	0.0350	1	09/18/23 23:10	09/19/23 13:19	EPA 3015	1,6010D	DMB
Silver, TCLP	ND		mg/l	0.100	0.0280	1	09/18/23 23:10	09/19/23 13:19	EPA 3015	1,6010D	DMB



Project Name: SUN VALLEY SITE**Lab Number:** L2353480**Project Number:** 12060 / PHASE 8**Report Date:** 09/20/23**SAMPLE RESULTS**

Lab ID: L2353480-03

Date Collected: 09/13/23 11:30

Client ID: COMP_E3(0-6)

Date Received: 09/13/23

Sample Location: OSINING, NY

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 91%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	8060		mg/kg	8.56	2.31	2	09/14/23 22:42	09/15/23 10:35	EPA 3050B	1,6010D	DMB
Antimony, Total	ND		mg/kg	4.28	0.325	2	09/14/23 22:42	09/15/23 10:35	EPA 3050B	1,6010D	DMB
Arsenic, Total	1.42		mg/kg	0.856	0.178	2	09/14/23 22:42	09/15/23 10:35	EPA 3050B	1,6010D	DMB
Barium, Total	85.9		mg/kg	0.856	0.149	2	09/14/23 22:42	09/15/23 10:35	EPA 3050B	1,6010D	DMB
Beryllium, Total	0.549		mg/kg	0.428	0.028	2	09/14/23 22:42	09/15/23 10:35	EPA 3050B	1,6010D	DMB
Cadmium, Total	ND		mg/kg	0.856	0.084	2	09/14/23 22:42	09/15/23 10:35	EPA 3050B	1,6010D	DMB
Calcium, Total	15100		mg/kg	8.56	3.00	2	09/14/23 22:42	09/15/23 10:35	EPA 3050B	1,6010D	DMB
Chromium, Total	14.6		mg/kg	0.856	0.082	2	09/14/23 22:42	09/15/23 10:35	EPA 3050B	1,6010D	DMB
Cobalt, Total	6.74		mg/kg	1.71	0.142	2	09/14/23 22:42	09/15/23 10:35	EPA 3050B	1,6010D	DMB
Copper, Total	15.4		mg/kg	0.856	0.221	2	09/14/23 22:42	09/15/23 10:35	EPA 3050B	1,6010D	DMB
Iron, Total	15600		mg/kg	4.28	0.773	2	09/14/23 22:42	09/15/23 10:35	EPA 3050B	1,6010D	DMB
Lead, Total	5.90		mg/kg	4.28	0.229	2	09/14/23 22:42	09/15/23 10:35	EPA 3050B	1,6010D	DMB
Magnesium, Total	10400		mg/kg	8.56	1.32	2	09/14/23 22:42	09/15/23 10:35	EPA 3050B	1,6010D	DMB
Manganese, Total	190		mg/kg	0.856	0.136	2	09/14/23 22:42	09/15/23 10:35	EPA 3050B	1,6010D	DMB
Mercury, Total	ND		mg/kg	0.071	0.046	1	09/14/23 23:38	09/16/23 10:07	EPA 7471B	1,7471B	GMG
Nickel, Total	13.0		mg/kg	2.14	0.207	2	09/14/23 22:42	09/15/23 10:35	EPA 3050B	1,6010D	DMB
Potassium, Total	3560		mg/kg	214	12.3	2	09/14/23 22:42	09/15/23 10:35	EPA 3050B	1,6010D	DMB
Selenium, Total	ND		mg/kg	1.71	0.221	2	09/14/23 22:42	09/15/23 10:35	EPA 3050B	1,6010D	DMB
Silver, Total	ND		mg/kg	0.428	0.242	2	09/14/23 22:42	09/15/23 10:35	EPA 3050B	1,6010D	DMB
Sodium, Total	90.1	J	mg/kg	171	2.70	2	09/14/23 22:42	09/15/23 10:35	EPA 3050B	1,6010D	DMB
Thallium, Total	0.306	J	mg/kg	1.71	0.270	2	09/14/23 22:42	09/15/23 10:35	EPA 3050B	1,6010D	DMB
Vanadium, Total	20.0		mg/kg	0.856	0.174	2	09/14/23 22:42	09/15/23 10:35	EPA 3050B	1,6010D	DMB
Zinc, Total	35.8		mg/kg	4.28	0.251	2	09/14/23 22:42	09/15/23 10:35	EPA 3050B	1,6010D	DMB



Project Name: SUN VALLEY SITE**Lab Number:** L2353480**Project Number:** 12060 / PHASE 8**Report Date:** 09/20/23**SAMPLE RESULTS**

Lab ID: L2353480-05

Date Collected: 09/13/23 13:00

Client ID: COMP_F3(0-10)

Date Received: 09/13/23

Sample Location: OSINING, NY

Field Prep: Not Specified

Sample Depth:

TCLP/SPLP Ext. Date: 09/14/23 17:11

Matrix: Soil

Percent Solids: 93%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
TCLP Metals by EPA 1311 - Mansfield Lab											
Arsenic, TCLP	ND		mg/l	1.00	0.0190	1	09/18/23 23:10	09/19/23 13:24	EPA 3015	1,6010D	DMB
Barium, TCLP	0.588		mg/l	0.500	0.0210	1	09/18/23 23:10	09/19/23 13:24	EPA 3015	1,6010D	DMB
Cadmium, TCLP	ND		mg/l	0.100	0.0100	1	09/18/23 23:10	09/19/23 13:24	EPA 3015	1,6010D	DMB
Chromium, TCLP	ND		mg/l	0.200	0.0210	1	09/18/23 23:10	09/19/23 13:24	EPA 3015	1,6010D	DMB
Lead, TCLP	ND		mg/l	0.500	0.0270	1	09/18/23 23:10	09/19/23 13:24	EPA 3015	1,6010D	DMB
Mercury, TCLP	ND		mg/l	0.0010	0.0005	1	09/19/23 14:10	09/20/23 08:30	EPA 7470A	1,7470A	GMG
Selenium, TCLP	ND		mg/l	0.500	0.0350	1	09/18/23 23:10	09/19/23 13:24	EPA 3015	1,6010D	DMB
Silver, TCLP	ND		mg/l	0.100	0.0280	1	09/18/23 23:10	09/19/23 13:24	EPA 3015	1,6010D	DMB



Project Name: SUN VALLEY SITE**Lab Number:** L2353480**Project Number:** 12060 / PHASE 8**Report Date:** 09/20/23**SAMPLE RESULTS**

Lab ID: L2353480-05

Date Collected: 09/13/23 13:00

Client ID: COMP_F3(0-10)

Date Received: 09/13/23

Sample Location: OSINING, NY

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 93%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	7180		mg/kg	8.12	2.19	2	09/14/23 22:42	09/15/23 10:40	EPA 3050B	1,6010D	DMB
Antimony, Total	ND		mg/kg	4.06	0.308	2	09/14/23 22:42	09/15/23 10:40	EPA 3050B	1,6010D	DMB
Arsenic, Total	1.10		mg/kg	0.812	0.169	2	09/14/23 22:42	09/15/23 10:40	EPA 3050B	1,6010D	DMB
Barium, Total	74.3		mg/kg	0.812	0.141	2	09/14/23 22:42	09/15/23 10:40	EPA 3050B	1,6010D	DMB
Beryllium, Total	0.516		mg/kg	0.406	0.027	2	09/14/23 22:42	09/15/23 10:40	EPA 3050B	1,6010D	DMB
Cadmium, Total	ND		mg/kg	0.812	0.080	2	09/14/23 22:42	09/15/23 10:40	EPA 3050B	1,6010D	DMB
Calcium, Total	6210		mg/kg	8.12	2.84	2	09/14/23 22:42	09/15/23 10:40	EPA 3050B	1,6010D	DMB
Chromium, Total	12.6		mg/kg	0.812	0.078	2	09/14/23 22:42	09/15/23 10:40	EPA 3050B	1,6010D	DMB
Cobalt, Total	6.41		mg/kg	1.62	0.135	2	09/14/23 22:42	09/15/23 10:40	EPA 3050B	1,6010D	DMB
Copper, Total	11.7		mg/kg	0.812	0.209	2	09/14/23 22:42	09/15/23 10:40	EPA 3050B	1,6010D	DMB
Iron, Total	13400		mg/kg	4.06	0.733	2	09/14/23 22:42	09/15/23 10:40	EPA 3050B	1,6010D	DMB
Lead, Total	7.04		mg/kg	4.06	0.218	2	09/14/23 22:42	09/15/23 10:40	EPA 3050B	1,6010D	DMB
Magnesium, Total	4940		mg/kg	8.12	1.25	2	09/14/23 22:42	09/15/23 10:40	EPA 3050B	1,6010D	DMB
Manganese, Total	183		mg/kg	0.812	0.129	2	09/14/23 22:42	09/15/23 10:40	EPA 3050B	1,6010D	DMB
Mercury, Total	ND		mg/kg	0.069	0.045	1	09/14/23 23:38	09/16/23 10:10	EPA 7471B	1,7471B	GMG
Nickel, Total	10.6		mg/kg	2.03	0.196	2	09/14/23 22:42	09/15/23 10:40	EPA 3050B	1,6010D	DMB
Potassium, Total	3120		mg/kg	203	11.7	2	09/14/23 22:42	09/15/23 10:40	EPA 3050B	1,6010D	DMB
Selenium, Total	ND		mg/kg	1.62	0.209	2	09/14/23 22:42	09/15/23 10:40	EPA 3050B	1,6010D	DMB
Silver, Total	ND		mg/kg	0.406	0.230	2	09/14/23 22:42	09/15/23 10:40	EPA 3050B	1,6010D	DMB
Sodium, Total	110	J	mg/kg	162	2.56	2	09/14/23 22:42	09/15/23 10:40	EPA 3050B	1,6010D	DMB
Thallium, Total	ND		mg/kg	1.62	0.256	2	09/14/23 22:42	09/15/23 10:40	EPA 3050B	1,6010D	DMB
Vanadium, Total	17.1		mg/kg	0.812	0.165	2	09/14/23 22:42	09/15/23 10:40	EPA 3050B	1,6010D	DMB
Zinc, Total	35.6		mg/kg	4.06	0.238	2	09/14/23 22:42	09/15/23 10:40	EPA 3050B	1,6010D	DMB



Project Name: SUN VALLEY SITE**Lab Number:** L2353480**Project Number:** 12060 / PHASE 8**Report Date:** 09/20/23**SAMPLE RESULTS**

Lab ID: L2353480-07

Date Collected: 09/13/23 14:45

Client ID: COMP_F2(0-7)

Date Received: 09/13/23

Sample Location: OSINING, NY

Field Prep: Not Specified

Sample Depth:

TCLP/SPLP Ext. Date: 09/14/23 17:11

Matrix: Soil

Percent Solids: 93%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
TCLP Metals by EPA 1311 - Mansfield Lab											
Arsenic, TCLP	ND		mg/l	1.00	0.0190	1	09/18/23 23:10	09/19/23 13:28	EPA 3015	1,6010D	DMB
Barium, TCLP	0.658		mg/l	0.500	0.0210	1	09/18/23 23:10	09/19/23 13:28	EPA 3015	1,6010D	DMB
Cadmium, TCLP	ND		mg/l	0.100	0.0100	1	09/18/23 23:10	09/19/23 13:28	EPA 3015	1,6010D	DMB
Chromium, TCLP	ND		mg/l	0.200	0.0210	1	09/18/23 23:10	09/19/23 13:28	EPA 3015	1,6010D	DMB
Lead, TCLP	ND		mg/l	0.500	0.0270	1	09/18/23 23:10	09/19/23 13:28	EPA 3015	1,6010D	DMB
Mercury, TCLP	ND		mg/l	0.0010	0.0005	1	09/19/23 14:10	09/20/23 08:33	EPA 7470A	1,7470A	GMG
Selenium, TCLP	ND		mg/l	0.500	0.0350	1	09/18/23 23:10	09/19/23 13:28	EPA 3015	1,6010D	DMB
Silver, TCLP	ND		mg/l	0.100	0.0280	1	09/18/23 23:10	09/19/23 13:28	EPA 3015	1,6010D	DMB



Project Name: SUN VALLEY SITE**Lab Number:** L2353480**Project Number:** 12060 / PHASE 8**Report Date:** 09/20/23**SAMPLE RESULTS**

Lab ID: L2353480-07

Date Collected: 09/13/23 14:45

Client ID: COMP_F2(0-7)

Date Received: 09/13/23

Sample Location: OSINING, NY

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 93%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	14300		mg/kg	8.26	2.23	2	09/14/23 22:42	09/15/23 10:44	EPA 3050B	1,6010D	DMB
Antimony, Total	ND		mg/kg	4.13	0.314	2	09/14/23 22:42	09/15/23 10:44	EPA 3050B	1,6010D	DMB
Arsenic, Total	0.760	J	mg/kg	0.826	0.172	2	09/14/23 22:42	09/15/23 10:44	EPA 3050B	1,6010D	DMB
Barium, Total	142		mg/kg	0.826	0.144	2	09/14/23 22:42	09/15/23 10:44	EPA 3050B	1,6010D	DMB
Beryllium, Total	0.904		mg/kg	0.413	0.027	2	09/14/23 22:42	09/15/23 10:44	EPA 3050B	1,6010D	DMB
Cadmium, Total	ND		mg/kg	0.826	0.081	2	09/14/23 22:42	09/15/23 10:44	EPA 3050B	1,6010D	DMB
Calcium, Total	6130		mg/kg	8.26	2.89	2	09/14/23 22:42	09/15/23 10:44	EPA 3050B	1,6010D	DMB
Chromium, Total	28.6		mg/kg	0.826	0.079	2	09/14/23 22:42	09/15/23 10:44	EPA 3050B	1,6010D	DMB
Cobalt, Total	12.8		mg/kg	1.65	0.137	2	09/14/23 22:42	09/15/23 10:44	EPA 3050B	1,6010D	DMB
Copper, Total	18.7		mg/kg	0.826	0.213	2	09/14/23 22:42	09/15/23 10:44	EPA 3050B	1,6010D	DMB
Iron, Total	26300		mg/kg	4.13	0.746	2	09/14/23 22:42	09/15/23 10:44	EPA 3050B	1,6010D	DMB
Lead, Total	7.63		mg/kg	4.13	0.221	2	09/14/23 22:42	09/15/23 10:44	EPA 3050B	1,6010D	DMB
Magnesium, Total	10100		mg/kg	8.26	1.27	2	09/14/23 22:42	09/15/23 10:44	EPA 3050B	1,6010D	DMB
Manganese, Total	387		mg/kg	0.826	0.131	2	09/14/23 22:42	09/15/23 10:44	EPA 3050B	1,6010D	DMB
Mercury, Total	ND		mg/kg	0.073	0.047	1	09/14/23 23:38	09/16/23 10:13	EPA 7471B	1,7471B	GMG
Nickel, Total	22.2		mg/kg	2.06	0.200	2	09/14/23 22:42	09/15/23 10:44	EPA 3050B	1,6010D	DMB
Potassium, Total	7310		mg/kg	206	11.9	2	09/14/23 22:42	09/15/23 10:44	EPA 3050B	1,6010D	DMB
Selenium, Total	ND		mg/kg	1.65	0.213	2	09/14/23 22:42	09/15/23 10:44	EPA 3050B	1,6010D	DMB
Silver, Total	ND		mg/kg	0.413	0.234	2	09/14/23 22:42	09/15/23 10:44	EPA 3050B	1,6010D	DMB
Sodium, Total	320		mg/kg	165	2.60	2	09/14/23 22:42	09/15/23 10:44	EPA 3050B	1,6010D	DMB
Thallium, Total	0.506	J	mg/kg	1.65	0.260	2	09/14/23 22:42	09/15/23 10:44	EPA 3050B	1,6010D	DMB
Vanadium, Total	40.1		mg/kg	0.826	0.168	2	09/14/23 22:42	09/15/23 10:44	EPA 3050B	1,6010D	DMB
Zinc, Total	63.9		mg/kg	4.13	0.242	2	09/14/23 22:42	09/15/23 10:44	EPA 3050B	1,6010D	DMB



Project Name: SUN VALLEY SITE**Lab Number:** L2353480**Project Number:** 12060 / PHASE 8**Report Date:** 09/20/23**SAMPLE RESULTS**

Lab ID: L2353480-09

Date Collected: 09/13/23 15:45

Client ID: COMP_F2(7-15)

Date Received: 09/13/23

Sample Location: OSINING, NY

Field Prep: Not Specified

Sample Depth:

TCLP/SPLP Ext. Date: 09/14/23 17:11

Matrix: Soil

Percent Solids: 93%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
TCLP Metals by EPA 1311 - Mansfield Lab											
Arsenic, TCLP	ND		mg/l	1.00	0.0190	1	09/18/23 23:10	09/19/23 13:33	EPA 3015	1,6010D	DMB
Barium, TCLP	0.929		mg/l	0.500	0.0210	1	09/18/23 23:10	09/19/23 13:33	EPA 3015	1,6010D	DMB
Cadmium, TCLP	ND		mg/l	0.100	0.0100	1	09/18/23 23:10	09/19/23 13:33	EPA 3015	1,6010D	DMB
Chromium, TCLP	ND		mg/l	0.200	0.0210	1	09/18/23 23:10	09/19/23 13:33	EPA 3015	1,6010D	DMB
Lead, TCLP	ND		mg/l	0.500	0.0270	1	09/18/23 23:10	09/19/23 13:33	EPA 3015	1,6010D	DMB
Mercury, TCLP	ND		mg/l	0.0010	0.0005	1	09/19/23 14:10	09/20/23 08:36	EPA 7470A	1,7470A	GMG
Selenium, TCLP	ND		mg/l	0.500	0.0350	1	09/18/23 23:10	09/19/23 13:33	EPA 3015	1,6010D	DMB
Silver, TCLP	ND		mg/l	0.100	0.0280	1	09/18/23 23:10	09/19/23 13:33	EPA 3015	1,6010D	DMB



Project Name: SUN VALLEY SITE**Lab Number:** L2353480**Project Number:** 12060 / PHASE 8**Report Date:** 09/20/23**SAMPLE RESULTS**

Lab ID: L2353480-09

Date Collected: 09/13/23 15:45

Client ID: COMP_F2(7-15)

Date Received: 09/13/23

Sample Location: OSINING, NY

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 93%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	11200		mg/kg	8.16	2.20	2	09/14/23 22:42	09/15/23 10:49	EPA 3050B	1,6010D	DMB
Antimony, Total	ND		mg/kg	4.08	0.310	2	09/14/23 22:42	09/15/23 10:49	EPA 3050B	1,6010D	DMB
Arsenic, Total	1.36		mg/kg	0.816	0.170	2	09/14/23 22:42	09/15/23 10:49	EPA 3050B	1,6010D	DMB
Barium, Total	133		mg/kg	0.816	0.142	2	09/14/23 22:42	09/15/23 10:49	EPA 3050B	1,6010D	DMB
Beryllium, Total	0.737		mg/kg	0.408	0.027	2	09/14/23 22:42	09/15/23 10:49	EPA 3050B	1,6010D	DMB
Cadmium, Total	ND		mg/kg	0.816	0.080	2	09/14/23 22:42	09/15/23 10:49	EPA 3050B	1,6010D	DMB
Calcium, Total	3230		mg/kg	8.16	2.86	2	09/14/23 22:42	09/15/23 10:49	EPA 3050B	1,6010D	DMB
Chromium, Total	20.2		mg/kg	0.816	0.078	2	09/14/23 22:42	09/15/23 10:49	EPA 3050B	1,6010D	DMB
Cobalt, Total	10.0		mg/kg	1.63	0.136	2	09/14/23 22:42	09/15/23 10:49	EPA 3050B	1,6010D	DMB
Copper, Total	18.9		mg/kg	0.816	0.211	2	09/14/23 22:42	09/15/23 10:49	EPA 3050B	1,6010D	DMB
Iron, Total	21100		mg/kg	4.08	0.737	2	09/14/23 22:42	09/15/23 10:49	EPA 3050B	1,6010D	DMB
Lead, Total	5.27		mg/kg	4.08	0.219	2	09/14/23 22:42	09/15/23 10:49	EPA 3050B	1,6010D	DMB
Magnesium, Total	5800		mg/kg	8.16	1.26	2	09/14/23 22:42	09/15/23 10:49	EPA 3050B	1,6010D	DMB
Manganese, Total	294		mg/kg	0.816	0.130	2	09/14/23 22:42	09/15/23 10:49	EPA 3050B	1,6010D	DMB
Mercury, Total	ND		mg/kg	0.074	0.049	1	09/14/23 23:38	09/16/23 10:17	EPA 7471B	1,7471B	GMG
Nickel, Total	18.0		mg/kg	2.04	0.198	2	09/14/23 22:42	09/15/23 10:49	EPA 3050B	1,6010D	DMB
Potassium, Total	5100		mg/kg	204	11.8	2	09/14/23 22:42	09/15/23 10:49	EPA 3050B	1,6010D	DMB
Selenium, Total	ND		mg/kg	1.63	0.211	2	09/14/23 22:42	09/15/23 10:49	EPA 3050B	1,6010D	DMB
Silver, Total	ND		mg/kg	0.408	0.231	2	09/14/23 22:42	09/15/23 10:49	EPA 3050B	1,6010D	DMB
Sodium, Total	176		mg/kg	163	2.57	2	09/14/23 22:42	09/15/23 10:49	EPA 3050B	1,6010D	DMB
Thallium, Total	0.310	J	mg/kg	1.63	0.257	2	09/14/23 22:42	09/15/23 10:49	EPA 3050B	1,6010D	DMB
Vanadium, Total	27.2		mg/kg	0.816	0.166	2	09/14/23 22:42	09/15/23 10:49	EPA 3050B	1,6010D	DMB
Zinc, Total	48.9		mg/kg	4.08	0.239	2	09/14/23 22:42	09/15/23 10:49	EPA 3050B	1,6010D	DMB



Project Name: SUN VALLEY SITE

Lab Number: L2353480

Project Number: 12060 / PHASE 8

Report Date: 09/20/23

Method Blank Analysis Batch Quality Control

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 01,03,05,07,09 Batch: WG1827468-1										
Aluminum, Total	ND		mg/kg	4.00	1.08	1	09/14/23 22:42	09/15/23 09:26	1,6010D	DMB
Antimony, Total	ND		mg/kg	2.00	0.152	1	09/14/23 22:42	09/15/23 09:26	1,6010D	DMB
Arsenic, Total	ND		mg/kg	0.400	0.083	1	09/14/23 22:42	09/15/23 09:26	1,6010D	DMB
Barium, Total	ND		mg/kg	0.400	0.070	1	09/14/23 22:42	09/15/23 09:26	1,6010D	DMB
Beryllium, Total	ND		mg/kg	0.200	0.013	1	09/14/23 22:42	09/15/23 09:26	1,6010D	DMB
Cadmium, Total	ND		mg/kg	0.400	0.039	1	09/14/23 22:42	09/15/23 09:26	1,6010D	DMB
Calcium, Total	ND		mg/kg	4.00	1.40	1	09/14/23 22:42	09/15/23 09:26	1,6010D	DMB
Chromium, Total	ND		mg/kg	0.400	0.038	1	09/14/23 22:42	09/15/23 09:26	1,6010D	DMB
Cobalt, Total	ND		mg/kg	0.800	0.066	1	09/14/23 22:42	09/15/23 09:26	1,6010D	DMB
Copper, Total	ND		mg/kg	0.400	0.103	1	09/14/23 22:42	09/15/23 09:26	1,6010D	DMB
Iron, Total	ND		mg/kg	2.00	0.361	1	09/14/23 22:42	09/15/23 09:26	1,6010D	DMB
Lead, Total	ND		mg/kg	2.00	0.107	1	09/14/23 22:42	09/15/23 09:26	1,6010D	DMB
Magnesium, Total	ND		mg/kg	4.00	0.616	1	09/14/23 22:42	09/15/23 09:26	1,6010D	DMB
Manganese, Total	ND		mg/kg	0.400	0.064	1	09/14/23 22:42	09/15/23 09:26	1,6010D	DMB
Nickel, Total	ND		mg/kg	1.00	0.097	1	09/14/23 22:42	09/15/23 09:26	1,6010D	DMB
Potassium, Total	ND		mg/kg	100	5.76	1	09/14/23 22:42	09/15/23 09:26	1,6010D	DMB
Selenium, Total	ND		mg/kg	0.800	0.103	1	09/14/23 22:42	09/15/23 09:26	1,6010D	DMB
Silver, Total	ND		mg/kg	0.200	0.113	1	09/14/23 22:42	09/15/23 09:26	1,6010D	DMB
Sodium, Total	4.62	J	mg/kg	80.0	1.26	1	09/14/23 22:42	09/15/23 09:26	1,6010D	DMB
Thallium, Total	ND		mg/kg	0.800	0.126	1	09/14/23 22:42	09/15/23 09:26	1,6010D	DMB
Vanadium, Total	ND		mg/kg	0.400	0.081	1	09/14/23 22:42	09/15/23 09:26	1,6010D	DMB
Zinc, Total	ND		mg/kg	2.00	0.117	1	09/14/23 22:42	09/15/23 09:26	1,6010D	DMB

Prep Information

Digestion Method: EPA 3050B

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 01,03,05,07,09 Batch: WG1827472-1										
Mercury, Total	ND		mg/kg	0.083	0.054	1	09/14/23 23:38	09/16/23 09:26	1,7471B	GMG



Project Name: SUN VALLEY SITE
Project Number: 12060 / PHASE 8

Lab Number: L2353480
Report Date: 09/20/23

Method Blank Analysis Batch Quality Control

Prep Information

Digestion Method: EPA 7471B

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
TCLP Metals by EPA 1311 - Mansfield Lab for sample(s): 01,03,05,07,09 Batch: WG1827989-1										
Arsenic, TCLP	0.0216	J	mg/l	1.00	0.0190	1	09/18/23 23:10	09/19/23 10:02	1,6010D	DMB
Barium, TCLP	ND		mg/l	0.500	0.0210	1	09/18/23 23:10	09/19/23 11:57	1,6010D	DMB
Cadmium, TCLP	ND		mg/l	0.100	0.0100	1	09/18/23 23:10	09/19/23 10:02	1,6010D	DMB
Chromium, TCLP	ND		mg/l	0.200	0.0210	1	09/18/23 23:10	09/19/23 10:02	1,6010D	DMB
Lead, TCLP	ND		mg/l	0.500	0.0270	1	09/18/23 23:10	09/19/23 10:02	1,6010D	DMB
Selenium, TCLP	ND		mg/l	0.500	0.0350	1	09/18/23 23:10	09/19/23 10:02	1,6010D	DMB
Silver, TCLP	ND		mg/l	0.100	0.0280	1	09/18/23 23:10	09/19/23 10:02	1,6010D	DMB

Prep Information

Digestion Method: EPA 3015
TCLP/SPLP Extraction Date: 09/14/23 17:11

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
TCLP Metals by EPA 1311 - Mansfield Lab for sample(s): 01,03,05,07,09 Batch: WG1827991-1										
Mercury, TCLP	ND		mg/l	0.0010	0.0005	1	09/19/23 14:10	09/20/23 08:10	1,7470A	GMG

Prep Information

Digestion Method: EPA 7470A
TCLP/SPLP Extraction Date: 09/14/23 17:11

Lab Control Sample Analysis

Batch Quality Control

Project Name: SUN VALLEY SITE

Project Number: 12060 / PHASE 8

Lab Number: L2353480

Report Date: 09/20/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01,03,05,07,09 Batch: WG1827468-2 SRM Lot Number: D119-540								
Aluminum, Total	72		-		48-152	-		
Antimony, Total	129		-		10-190	-		
Arsenic, Total	95		-		83-117	-		
Barium, Total	92		-		82-118	-		
Beryllium, Total	94		-		83-117	-		
Cadmium, Total	88		-		82-117	-		
Calcium, Total	93		-		81-118	-		
Chromium, Total	97		-		82-119	-		
Cobalt, Total	96		-		83-117	-		
Copper, Total	96		-		84-116	-		
Iron, Total	98		-		60-140	-		
Lead, Total	97		-		82-118	-		
Magnesium, Total	89		-		76-124	-		
Manganese, Total	90		-		82-118	-		
Nickel, Total	95		-		82-117	-		
Potassium, Total	85		-		70-130	-		
Selenium, Total	98		-		79-121	-		
Silver, Total	101		-		80-120	-		
Sodium, Total	92		-		74-126	-		
Thallium, Total	96		-		81-119	-		
Vanadium, Total	93		-		79-121	-		

Lab Control Sample Analysis

Batch Quality Control

Project Name: SUN VALLEY SITE
Project Number: 12060 / PHASE 8

Lab Number: L2353480
Report Date: 09/20/23

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01,03,05,07,09 Batch: WG1827468-2 SRM Lot Number: D119-540					
Zinc, Total	96	-	80-120	-	
Total Metals - Mansfield Lab Associated sample(s): 01,03,05,07,09 Batch: WG1827472-2 SRM Lot Number: D119-540					
Mercury, Total	109	-	73-127	-	
TCLP Metals by EPA 1311 - Mansfield Lab Associated sample(s): 01,03,05,07,09 Batch: WG1827989-2					
Arsenic, TCLP	100	-	75-125	-	20
Barium, TCLP	86	-	75-125	-	20
Cadmium, TCLP	93	-	75-125	-	20
Chromium, TCLP	92	-	75-125	-	20
Lead, TCLP	94	-	75-125	-	20
Selenium, TCLP	102	-	75-125	-	20
Silver, TCLP	92	-	75-125	-	20
TCLP Metals by EPA 1311 - Mansfield Lab Associated sample(s): 01,03,05,07,09 Batch: WG1827991-2					
Mercury, TCLP	120	-	80-120	-	

Matrix Spike Analysis

Batch Quality Control

Project Name: SUN VALLEY SITE
Project Number: 12060 / PHASE 8

Lab Number: L2353480
Report Date: 09/20/23

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01,03,05,07,09 QC Batch ID: WG1827468-3 QC Sample: L2353343-02 Client ID: MS Sample												
Aluminum, Total	26700	185	30600	2100	Q	-	-		75-125	-		20
Antimony, Total	ND	46.3	28.8	62	Q	-	-		75-125	-		20
Arsenic, Total	1.80	11.1	9.05	65	Q	-	-		75-125	-		20
Barium, Total	148	185	275	68	Q	-	-		75-125	-		20
Beryllium, Total	1.71	4.63	5.11	73	Q	-	-		75-125	-		20
Cadmium, Total	ND	4.91	3.40	69	Q	-	-		75-125	-		20
Calcium, Total	528	927	1260	79		-	-		75-125	-		20
Chromium, Total	31.6	18.5	46.2	79		-	-		75-125	-		20
Cobalt, Total	22.1	46.3	55.2	71	Q	-	-		75-125	-		20
Copper, Total	25.3	23.2	43.2	77		-	-		75-125	-		20
Iron, Total	24300	92.7	24600	324	Q	-	-		75-125	-		20
Lead, Total	8.32	49.1	43.3	71	Q	-	-		75-125	-		20
Magnesium, Total	6820	927	7690	94		-	-		75-125	-		20
Manganese, Total	246	46.3	277	67	Q	-	-		75-125	-		20
Nickel, Total	28.5	46.3	61.3	71	Q	-	-		75-125	-		20
Potassium, Total	7410	927	7970	60	Q	-	-		75-125	-		20
Selenium, Total	ND	11.1	7.61	68	Q	-	-		75-125	-		20
Silver, Total	ND	4.63	3.22	69	Q	-	-		75-125	-		20
Sodium, Total	622	927	1260	69	Q	-	-		75-125	-		20
Thallium, Total	ND	11.1	7.54	68	Q	-	-		75-125	-		20
Vanadium, Total	46.6	46.3	81.6	76		-	-		75-125	-		20

Matrix Spike Analysis **Batch Quality Control**

Project Name: SUN VALLEY SITE
Project Number: 12060 / PHASE 8

Lab Number: L2353480
Report Date: 09/20/23

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	MSD Found	MSD %Recovery	Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01,03,05,07,09 QC Batch ID: WG1827468-3 QC Sample: L2353343-02 Client ID: MS Sample									
Zinc, Total	73.5	46.3	109	77	-	-	75-125	-	20
Total Metals - Mansfield Lab Associated sample(s): 01,03,05,07,09 QC Batch ID: WG1827472-3 QC Sample: L2353343-02 Client ID: MS Sample									
Mercury, Total	ND	1.74	2.02	116	-	-	80-120	-	20
TCLP Metals by EPA 1311 - Mansfield Lab Associated sample(s): 01,03,05,07,09 QC Batch ID: WG1827989-3 QC Sample: L2353480-01 Client ID: COMP_D3(0-7)									
Arsenic, TCLP	0.0222J	1.2	1.25	104	-	-	75-125	-	20
Barium, TCLP	1.00	20	18.8	89	-	-	75-125	-	20
Cadmium, TCLP	ND	0.53	0.505	95	-	-	75-125	-	20
Chromium, TCLP	ND	2	1.88	94	-	-	75-125	-	20
Lead, TCLP	ND	5.3	5.12	97	-	-	75-125	-	20
Selenium, TCLP	ND	1.2	1.23	102	-	-	75-125	-	20
Silver, TCLP	ND	0.5	0.474	95	-	-	75-125	-	20
TCLP Metals by EPA 1311 - Mansfield Lab Associated sample(s): 01,03,05,07,09 QC Batch ID: WG1827991-3 QC Sample: L2353480-01 Client ID: COMP_D3(0-7)									
Mercury, TCLP	ND	0.025	0.0300	120	-	-	75-125	-	20

Project Name: SUN VALLEY SITE
Project Number: 12060 / PHASE 8

Lab Duplicate Analysis
Batch Quality Control

Lab Number: L2353480
Report Date: 09/20/23

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01,03,05,07,09 QC Batch ID: WG1827468-4 QC Sample: L2353343-02 Client ID: DUP Sample						
Aluminum, Total	26700	29100	mg/kg	9		20
Antimony, Total	ND	ND	mg/kg	NC		20
Arsenic, Total	1.80	1.44	mg/kg	22	Q	20
Barium, Total	148	138	mg/kg	7		20
Beryllium, Total	1.71	1.71	mg/kg	0		20
Cadmium, Total	ND	ND	mg/kg	NC		20
Calcium, Total	528	584	mg/kg	10		20
Chromium, Total	31.6	29.2	mg/kg	8		20
Cobalt, Total	22.1	20.0	mg/kg	10		20
Copper, Total	25.3	23.9	mg/kg	6		20
Iron, Total	24300	23200	mg/kg	5		20
Lead, Total	8.32	8.36	mg/kg	0		20
Magnesium, Total	6820	6340	mg/kg	7		20
Manganese, Total	246	241	mg/kg	2		20
Nickel, Total	28.5	27.0	mg/kg	5		20
Potassium, Total	7410	7040	mg/kg	5		20
Selenium, Total	ND	ND	mg/kg	NC		20
Silver, Total	ND	ND	mg/kg	NC		20
Sodium, Total	622	554	mg/kg	12		20

Lab Duplicate Analysis *Batch Quality Control*

Project Name: SUN VALLEY SITE
Project Number: 12060 / PHASE 8

Lab Number: L2353480
Report Date: 09/20/23

Parameter	Native Sample	Duplicate Sample	Units	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01,03,05,07,09 QC Batch ID: WG1827468-4 QC Sample: L2353343-02 Client ID: DUP Sample					
Thallium, Total	ND	ND	mg/kg	NC	20
Vanadium, Total	46.6	43.0	mg/kg	8	20
Zinc, Total	73.5	69.8	mg/kg	5	20
Total Metals - Mansfield Lab Associated sample(s): 01,03,05,07,09 QC Batch ID: WG1827472-4 QC Sample: L2353343-02 Client ID: DUP Sample					
Mercury, Total	ND	ND	mg/kg	NC	20
TCLP Metals by EPA 1311 - Mansfield Lab Associated sample(s): 01,03,05,07,09 QC Batch ID: WG1827989-4 QC Sample: L2353480-01 Client ID: COMP_D3(0-7)					
Arsenic, TCLP	0.0222J	ND	mg/l	NC	20
Cadmium, TCLP	ND	ND	mg/l	NC	20
Chromium, TCLP	ND	ND	mg/l	NC	20
Lead, TCLP	ND	ND	mg/l	NC	20
Selenium, TCLP	ND	ND	mg/l	NC	20
Silver, TCLP	ND	ND	mg/l	NC	20
TCLP Metals by EPA 1311 - Mansfield Lab Associated sample(s): 01,03,05,07,09 QC Batch ID: WG1827989-4 QC Sample: L2353480-01 Client ID: COMP_D3(0-7)					
Barium, TCLP	1.00	0.870	mg/l	14	20
TCLP Metals by EPA 1311 - Mansfield Lab Associated sample(s): 01,03,05,07,09 QC Batch ID: WG1827991-4 QC Sample: L2353480-01 Client ID: COMP_D3(0-7)					
Mercury, TCLP	ND	ND	mg/l	NC	20

INORGANICS & MISCELLANEOUS

Project Name: SUN VALLEY SITE
Project Number: 12060 / PHASE 8

Lab Number: L2353480
Report Date: 09/20/23

SAMPLE RESULTS

Lab ID: L2353480-01
Client ID: COMP_D3(0-7)
Sample Location: OSINING, NY

Date Collected: 09/13/23 09:50
Date Received: 09/13/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Test Material Information

Source of Material: Unknown
Description of Material: Non-Metallic - Damp Clay
Particle Size: Medium
Preliminary Burning Time (sec): 120

Parameter	Result	Date Analyzed	Analytical Method	Analyst
Ignitability of Solids - Westborough Lab				
Ignitability	NI	09/18/23 15:39	1,1030	GEF



Project Name: SUN VALLEY SITE
Project Number: 12060 / PHASE 8

Lab Number: L2353480
Report Date: 09/20/23

SAMPLE RESULTS

Lab ID: L2353480-03
Client ID: COMP_E3(0-6)
Sample Location: OSINING, NY

Date Collected: 09/13/23 11:30
Date Received: 09/13/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Test Material Information

Source of Material: Unknown
Description of Material: Non-Metallic - Wet Clay
Particle Size: Medium
Preliminary Burning Time (sec): 120

Parameter	Result	Date Analyzed	Analytical Method	Analyst
Ignitability of Solids - Westborough Lab				
Ignitability	NI	09/18/23 15:39	1,1030	GEF



Project Name: SUN VALLEY SITE
Project Number: 12060 / PHASE 8

Lab Number: L2353480
Report Date: 09/20/23

SAMPLE RESULTS

Lab ID: L2353480-05
Client ID: COMP_F3(0-10)
Sample Location: OSINING, NY

Date Collected: 09/13/23 13:00
Date Received: 09/13/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Test Material Information

Source of Material: Unknown
Description of Material: Non-Metallic - Damp Clay
Particle Size: Medium
Preliminary Burning Time (sec): 120

Parameter	Result	Date Analyzed	Analytical Method	Analyst
Ignitability of Solids - Westborough Lab				
Ignitability	NI	09/18/23 15:39	1,1030	GEF



Project Name: SUN VALLEY SITE
Project Number: 12060 / PHASE 8

Lab Number: L2353480
Report Date: 09/20/23

SAMPLE RESULTS

Lab ID: L2353480-07
Client ID: COMP_F2(0-7)
Sample Location: OSINING, NY

Date Collected: 09/13/23 14:45
Date Received: 09/13/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Test Material Information

Source of Material: Unknown
Description of Material: Non-Metallic - Damp Soil
Particle Size: Medium
Preliminary Burning Time (sec): 120

Parameter	Result	Date Analyzed	Analytical Method	Analyst
Ignitability of Solids - Westborough Lab				
Ignitability	NI	09/18/23 15:39	1,1030	GEF



Project Name: SUN VALLEY SITE
Project Number: 12060 / PHASE 8

Lab Number: L2353480
Report Date: 09/20/23

SAMPLE RESULTS

Lab ID: L2353480-09
Client ID: COMP_F2(7-15)
Sample Location: OSINING, NY

Date Collected: 09/13/23 15:45
Date Received: 09/13/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Test Material Information

Source of Material: Unknown
Description of Material: Non-Metallic - Damp Clay
Particle Size: Medium
Preliminary Burning Time (sec): 120

Parameter	Result	Date Analyzed	Analytical Method	Analyst
Ignitability of Solids - Westborough Lab				
Ignitability	NI	09/18/23 15:39	1,1030	GEF



Project Name: SUN VALLEY SITE
Project Number: 12060 / PHASE 8

Lab Number: L2353480
Report Date: 09/20/23

SAMPLE RESULTS

Lab ID: L2353480-01
Client ID: COMP_D3(0-7)
Sample Location: OSINING, NY

Date Collected: 09/13/23 09:50
Date Received: 09/13/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	84.5		%	0.100	NA	1	-	09/14/23 09:16	121,2540G	ROI
Cyanide, Total	ND		mg/kg	1.1	0.24	1	09/14/23 11:40	09/14/23 18:05	1,9010C/9012B	JER
pH (H)	8.64		SU	-	NA	1	-	09/18/23 10:45	1,9045D	RDS
Chromium, Hexavalent	0.462	J	mg/kg	0.947	0.189	1	09/17/23 09:00	09/19/23 13:10	1,7196A	DTH
Cyanide, Reactive	ND		mg/kg	10	10.	1	09/15/23 10:48	09/15/23 13:23	125,7.3	JLB
Sulfide, Reactive	ND		mg/kg	10	10.	1	09/15/23 10:48	09/15/23 12:10	125,7.3	JLB
Paint Filter Liquid	Negative		-	0	NA	1	-	09/14/23 17:08	1,9095B	AAS



Project Name: SUN VALLEY SITE**Project Number:** 12060 / PHASE 8**Lab Number:** L2353480**Report Date:** 09/20/23**SAMPLE RESULTS****Lab ID:** L2353480-02**Client ID:** GRAB_D3(5.5-6)**Sample Location:** OSINING, NY**Date Collected:** 09/13/23 09:50**Date Received:** 09/13/23**Field Prep:** Not Specified**Sample Depth:****Matrix:** Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	84.5		%	0.100	NA	1	-	09/14/23 09:16	121,2540G	ROI



Project Name: SUN VALLEY SITE
Project Number: 12060 / PHASE 8

Lab Number: L2353480
Report Date: 09/20/23

SAMPLE RESULTS

Lab ID: L2353480-03
Client ID: COMP_E3(0-6)
Sample Location: OSINING, NY

Date Collected: 09/13/23 11:30
Date Received: 09/13/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	90.8		%	0.100	NA	1	-	09/14/23 09:16	121,2540G	ROI
Cyanide, Total	ND		mg/kg	1.0	0.22	1	09/14/23 11:40	09/14/23 18:06	1,9010C/9012B	JER
pH (H)	8.57		SU	-	NA	1	-	09/18/23 10:45	1,9045D	RDS
Chromium, Hexavalent	ND		mg/kg	0.881	0.176	1	09/17/23 09:00	09/19/23 13:10	1,7196A	DTH
Cyanide, Reactive	ND		mg/kg	10	10.	1	09/15/23 10:48	09/15/23 13:23	125,7.3	JLB
Sulfide, Reactive	ND		mg/kg	10	10.	1	09/15/23 10:48	09/15/23 12:11	125,7.3	JLB
Paint Filter Liquid	Negative		-	0	NA	1	-	09/14/23 17:08	1,9095B	AAS



Project Name: SUN VALLEY SITE**Project Number:** 12060 / PHASE 8**Lab Number:** L2353480**Report Date:** 09/20/23**SAMPLE RESULTS****Lab ID:** L2353480-04**Client ID:** GRAB_E3(3.5-4)**Sample Location:** OSINING, NY**Date Collected:** 09/13/23 11:30**Date Received:** 09/13/23**Field Prep:** Not Specified**Sample Depth:****Matrix:** Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	90.8		%	0.100	NA	1	-	09/14/23 09:16	121,2540G	ROI



Project Name: SUN VALLEY SITE
Project Number: 12060 / PHASE 8

Lab Number: L2353480
Report Date: 09/20/23

SAMPLE RESULTS

Lab ID: L2353480-05
Client ID: COMP_F3(0-10)
Sample Location: OSINING, NY

Date Collected: 09/13/23 13:00
Date Received: 09/13/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	93.3		%	0.100	NA	1	-	09/14/23 09:16	121,2540G	ROI
Cyanide, Total	ND		mg/kg	1.0	0.22	1	09/14/23 11:40	09/14/23 18:10	1,9010C/9012B	JER
pH (H)	8.68		SU	-	NA	1	-	09/18/23 10:45	1,9045D	RDS
Chromium, Hexavalent	ND		mg/kg	0.857	0.171	1	09/17/23 09:00	09/19/23 13:10	1,7196A	DTH
Cyanide, Reactive	ND		mg/kg	10	10.	1	09/15/23 10:48	09/15/23 13:23	125,7.3	JLB
Sulfide, Reactive	ND		mg/kg	10	10.	1	09/15/23 10:48	09/15/23 12:11	125,7.3	JLB
Paint Filter Liquid	Negative		-	0	NA	1	-	09/14/23 17:08	1,9095B	AAS



Project Name: SUN VALLEY SITE**Project Number:** 12060 / PHASE 8**Lab Number:** L2353480**Report Date:** 09/20/23**SAMPLE RESULTS****Lab ID:** L2353480-06**Client ID:** GRAB_F3(4.5-5)**Sample Location:** OSINING, NY**Date Collected:** 09/13/23 13:00**Date Received:** 09/13/23**Field Prep:** Not Specified**Sample Depth:****Matrix:** Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	93.3		%	0.100	NA	1	-	09/14/23 09:16	121,2540G	ROI



Project Name: SUN VALLEY SITE
Project Number: 12060 / PHASE 8

Lab Number: L2353480
Report Date: 09/20/23

SAMPLE RESULTS

Lab ID: L2353480-07
Client ID: COMP_F2(0-7)
Sample Location: OSINING, NY

Date Collected: 09/13/23 14:45
Date Received: 09/13/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	93.2		%	0.100	NA	1	-	09/14/23 09:16	121,2540G	ROI
Cyanide, Total	ND		mg/kg	1.0	0.22	1	09/14/23 11:40	09/14/23 18:11	1,9010C/9012B	JER
pH (H)	8.75		SU	-	NA	1	-	09/18/23 10:45	1,9045D	RDS
Chromium, Hexavalent	0.182	J	mg/kg	0.858	0.172	1	09/17/23 09:00	09/19/23 13:10	1,7196A	DTH
Cyanide, Reactive	ND		mg/kg	10	10.	1	09/15/23 19:30	09/15/23 20:56	125,7.3	QJM
Sulfide, Reactive	ND		mg/kg	10	10.	1	09/15/23 19:30	09/15/23 21:14	125,7.3	QJM
Paint Filter Liquid	Negative		-	0	NA	1	-	09/14/23 17:08	1,9095B	AAS



Project Name: SUN VALLEY SITE**Project Number:** 12060 / PHASE 8**Lab Number:** L2353480**Report Date:** 09/20/23**SAMPLE RESULTS****Lab ID:** L2353480-08**Client ID:** GRAB_F2(4.5-5)**Sample Location:** OSINING, NY**Date Collected:** 09/13/23 14:45**Date Received:** 09/13/23**Field Prep:** Not Specified**Sample Depth:****Matrix:** Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	93.2		%	0.100	NA	1	-	09/14/23 09:16	121,2540G	ROI



Project Name: SUN VALLEY SITE
Project Number: 12060 / PHASE 8

Lab Number: L2353480
Report Date: 09/20/23

SAMPLE RESULTS

Lab ID: L2353480-09
Client ID: COMP_F2(7-15)
Sample Location: OSINING, NY

Date Collected: 09/13/23 15:45
Date Received: 09/13/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	93.3		%	0.100	NA	1	-	09/14/23 09:16	121,2540G	ROI
Cyanide, Total	ND		mg/kg	1.0	0.22	1	09/14/23 11:40	09/14/23 18:12	1,9010C/9012B	JER
pH (H)	8.65		SU	-	NA	1	-	09/18/23 10:45	1,9045D	RDS
Chromium, Hexavalent	0.246	J	mg/kg	0.857	0.171	1	09/17/23 09:00	09/19/23 13:10	1,7196A	DTH
Cyanide, Reactive	ND		mg/kg	10	10.	1	09/15/23 19:30	09/15/23 20:56	125,7.3	QJM
Sulfide, Reactive	ND		mg/kg	10	10.	1	09/15/23 19:30	09/15/23 21:14	125,7.3	QJM
Paint Filter Liquid	Negative		-	0	NA	1	-	09/14/23 17:08	1,9095B	AAS



Project Name: SUN VALLEY SITE**Project Number:** 12060 / PHASE 8**Lab Number:** L2353480**Report Date:** 09/20/23**SAMPLE RESULTS****Lab ID:** L2353480-10**Client ID:** GRAB_F2(10-10.5)**Sample Location:** OSINING, NY**Date Collected:** 09/13/23 15:45**Date Received:** 09/13/23**Field Prep:** Not Specified**Sample Depth:****Matrix:** Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	93.3		%	0.100	NA	1	-	09/14/23 09:16	121,2540G	ROI



Project Name: SUN VALLEY SITE
Project Number: 12060 / PHASE 8

Lab Number: L2353480
Report Date: 09/20/23

Method Blank Analysis
Batch Quality Control

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab for sample(s): 01,03,05,07,09 Batch: WG1827407-1										
Cyanide, Total	ND		mg/kg	0.90	0.19	1	09/14/23 11:40	09/14/23 17:46	1,9010C/9012B	JER
General Chemistry - Westborough Lab for sample(s): 01,03,05 Batch: WG1827851-1										
Cyanide, Reactive	ND		mg/kg	10	10.	1	09/15/23 10:48	09/15/23 13:00	125,7.3	JLB
General Chemistry - Westborough Lab for sample(s): 01,03,05 Batch: WG1827859-1										
Sulfide, Reactive	ND		mg/kg	10	10.	1	09/15/23 10:48	09/15/23 12:09	125,7.3	JLB
General Chemistry - Westborough Lab for sample(s): 07,09 Batch: WG1828098-1										
Sulfide, Reactive	ND		mg/kg	10	10.	1	09/15/23 19:30	09/15/23 21:13	125,7.3	QJM
General Chemistry - Westborough Lab for sample(s): 07,09 Batch: WG1828099-1										
Cyanide, Reactive	ND		mg/kg	10	10.	1	09/15/23 19:30	09/15/23 20:55	125,7.3	QJM
General Chemistry - Westborough Lab for sample(s): 01,03,05,07,09 Batch: WG1828416-1										
Chromium, Hexavalent	ND		mg/kg	0.800	0.160	1	09/17/23 09:00	09/19/23 13:10	1,7196A	DTH

Lab Control Sample Analysis

Batch Quality Control

Project Name: SUN VALLEY SITE
Project Number: 12060 / PHASE 8

Lab Number: L2353480
Report Date: 09/20/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01,03,05,07,09 Batch: WG1827407-2 WG1827407-3								
Cyanide, Total	147	Q	110		80-120	26		35
General Chemistry - Westborough Lab Associated sample(s): 01,03,05 Batch: WG1827851-2								
Cyanide, Reactive	79		-		30-125	-		40
General Chemistry - Westborough Lab Associated sample(s): 01,03,05 Batch: WG1827859-2								
Sulfide, Reactive	97		-		60-125	-		40
General Chemistry - Westborough Lab Associated sample(s): 07,09 Batch: WG1828098-2								
Sulfide, Reactive	74		-		60-125	-		40
General Chemistry - Westborough Lab Associated sample(s): 07,09 Batch: WG1828099-2								
Cyanide, Reactive	70		-		30-125	-		40
General Chemistry - Westborough Lab Associated sample(s): 01,03,05,07,09 Batch: WG1828416-2								
Chromium, Hexavalent	84		-		80-120	-		20
General Chemistry - Westborough Lab Associated sample(s): 01,03,05,07,09 Batch: WG1828643-1								
pH	100		-		99-101	-		

Matrix Spike Analysis

Batch Quality Control

Project Name: SUN VALLEY SITE
Project Number: 12060 / PHASE 8

Lab Number: L2353480
Report Date: 09/20/23

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01,03,05,07,09 QC Batch ID: WG1827407-4 WG1827407-5 QC Sample: L2353482-01 Client ID: MS Sample												
Cyanide, Total	ND	10	16	150	Q	20	190	Q	75-125	22		35
General Chemistry - Westborough Lab Associated sample(s): 01,03,05,07,09 QC Batch ID: WG1828416-4 QC Sample: L2353480-05 Client ID: COMP_F3(0-10)												
Chromium, Hexavalent	ND	934	916	98		-	-		75-125	-		20

Lab Duplicate Analysis *Batch Quality Control*

Project Name: SUN VALLEY SITE
Project Number: 12060 / PHASE 8

Lab Number: L2353480
Report Date: 09/20/23

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01-10 QC Batch ID: WG1827340-1 QC Sample: L2353469-04 Client ID: DUP Sample						
Solids, Total	84.3	87.4	%	4		20
General Chemistry - Westborough Lab Associated sample(s): 01,03,05 QC Batch ID: WG1827851-3 QC Sample: L2353564-03 Client ID: DUP Sample						
Cyanide, Reactive	ND	ND	mg/kg	NC		40
General Chemistry - Westborough Lab Associated sample(s): 01,03,05 QC Batch ID: WG1827859-3 QC Sample: L2353564-03 Client ID: DUP Sample						
Sulfide, Reactive	ND	ND	mg/kg	NC		40
General Chemistry - Westborough Lab Associated sample(s): 07,09 QC Batch ID: WG1828098-3 QC Sample: L2353480-07 Client ID: COMP_F2(0-7)						
Sulfide, Reactive	ND	ND	mg/kg	NC		40
General Chemistry - Westborough Lab Associated sample(s): 07,09 QC Batch ID: WG1828099-3 QC Sample: L2353480-07 Client ID: COMP_F2(0-7)						
Cyanide, Reactive	ND	ND	mg/kg	NC		40
General Chemistry - Westborough Lab Associated sample(s): 01,03,05,07,09 QC Batch ID: WG1828416-6 QC Sample: L2353480-05 Client ID: COMP_F3(0-10)						
Chromium, Hexavalent	ND	ND	mg/kg	NC		20
General Chemistry - Westborough Lab Associated sample(s): 01,03,05,07,09 QC Batch ID: WG1828643-2 QC Sample: L2353955-01 Client ID: DUP Sample						
pH	9.12	8.97	SU	2		5

Project Name: SUN VALLEY SITE
Project Number: 12060 / PHASE 8

Serial_No: 09202314:17
Lab Number: L2353480
Report Date: 09/20/23

Sample Receipt and Container Information

Were project specific reporting limits specified?

YES

Cooler Information

Cooler	Custody Seal
A	Absent
B	Absent

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2353480-01A	Plastic 2oz unpreserved for TS	A	NA		3.9	Y	Absent		TS(7)
L2353480-01B	Metals Only-Glass 60mL/2oz unpreserved	A	NA		3.9	Y	Absent		BE-Ti(180),AS-Ti(180),BA-Ti(180),AG-Ti(180),TL-Ti(180),AL-Ti(180),CR-Ti(180),NI-Ti(180),SB-Ti(180),CU-Ti(180),ZN-Ti(180),PB-Ti(180),SE-Ti(180),V-Ti(180),CO-Ti(180),FE-Ti(180),HG-T(28),MG-Ti(180),MN-Ti(180),NA-Ti(180),CA-Ti(180),K-Ti(180),CD-Ti(180)
L2353480-01C	Glass 120ml/4oz unpreserved	A	NA		3.9	Y	Absent		TCN-9010(14),NYTCL-8270(14),NJEPH-TPH-CAT2(14),IGNIT-1030(14),REACTS(14),HERB-APA(14),PH-9045(1),NYTCL-8081(14),PAINTF(),NYTCL-8082(365),REACTCN(14),HEXCR-7196(30)
L2353480-01D	Glass 500ml/16oz unpreserved	A	NA		3.9	Y	Absent		TCN-9010(14),NYTCL-8270(14),NJEPH-TPH-CAT2(14),IGNIT-1030(14),REACTS(14),HERB-APA(14),PH-9045(1),NYTCL-8081(14),PAINTF(),NYTCL-8082(365),REACTCN(14),HEXCR-7196(30)
L2353480-01E	Glass 500ml/16oz unpreserved	A	NA		3.9	Y	Absent		TCN-9010(14),NYTCL-8270(14),NJEPH-TPH-CAT2(14),IGNIT-1030(14),REACTS(14),HERB-APA(14),PH-9045(1),NYTCL-8081(14),PAINTF(),NYTCL-8082(365),REACTCN(14),HEXCR-7196(30)
L2353480-01X	Plastic 120ml HNO3 preserved Extracts	A	NA		3.9	Y	Absent		CD-CI(180),AS-CI(180),BA-CI(180),HG-C(28),PB-CI(180),CR-CI(180),SE-CI(180),AG-CI(180)
L2353480-01X9	Tumble Vessel	A	NA		3.9	Y	Absent		-
L2353480-02A	5 gram Encore Sampler	A	NA		3.9	Y	Absent		NYTCL-8260HLW(14)
L2353480-02B	5 gram Encore Sampler	A	NA		3.9	Y	Absent		NYTCL-8260HLW(14)
L2353480-02C	5 gram Encore Sampler	A	NA		3.9	Y	Absent		NYTCL-8260HLW(14)
L2353480-02X	Vial MeOH preserved split	A	NA		3.9	Y	Absent		NYTCL-8260HLW(14)
L2353480-02Y	Vial Water preserved split	A	NA		3.9	Y	Absent	14-SEP-23 14:31	NYTCL-8260HLW(14)
L2353480-02Z	Vial Water preserved split	A	NA		3.9	Y	Absent	14-SEP-23 14:31	NYTCL-8260HLW(14)

Project Name: SUN VALLEY SITE
Project Number: 12060 / PHASE 8

Serial_No: 09202314:17
Lab Number: L2353480
Report Date: 09/20/23

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2353480-03A	Plastic 2oz unpreserved for TS	B	NA		3.7	Y	Absent		TS(7)
L2353480-03B	Metals Only-Glass 60mL/2oz unpreserved	B	NA		3.7	Y	Absent		BE-Ti(180),BA-Ti(180),AS-Ti(180),AG-Ti(180),CR-Ti(180),TL-Ti(180),AL-Ti(180),NI-Ti(180),PB-Ti(180),SB-Ti(180),ZN-Ti(180),CU-Ti(180),SE-Ti(180),V-Ti(180),CO-Ti(180),MG-Ti(180),MN-Ti(180),HG-T(28),FE-Ti(180),CA-Ti(180),NA-Ti(180),CD-Ti(180),K-Ti(180)
L2353480-03C	Glass 120ml/4oz unpreserved	B	NA		3.7	Y	Absent		REACTS(14),IGNIT-1030(14),NYTCL-8270(14),NJEPH-TPH-CAT2(14),TCN-9010(14),HERB-APA(14),PH-9045(1),NYTCL-8081(14),PAINTF(),REACTCN(14),NYTCL-8082(365),HEXCR-7196(30)
L2353480-03D	Glass 500ml/16oz unpreserved	B	NA		3.7	Y	Absent		REACTS(14),IGNIT-1030(14),NYTCL-8270(14),NJEPH-TPH-CAT2(14),TCN-9010(14),HERB-APA(14),PH-9045(1),NYTCL-8081(14),PAINTF(),REACTCN(14),NYTCL-8082(365),HEXCR-7196(30)
L2353480-03E	Glass 500ml/16oz unpreserved	B	NA		3.7	Y	Absent		REACTS(14),IGNIT-1030(14),NYTCL-8270(14),NJEPH-TPH-CAT2(14),TCN-9010(14),HERB-APA(14),PH-9045(1),NYTCL-8081(14),PAINTF(),REACTCN(14),NYTCL-8082(365),HEXCR-7196(30)
L2353480-03X	Plastic 120ml HNO3 preserved Extracts	B	NA		3.7	Y	Absent		CD-CI(180),AS-CI(180),BA-CI(180),HG-C(28),PB-CI(180),SE-CI(180),CR-CI(180),AG-CI(180)
L2353480-03X9	Tumble Vessel	B	NA		3.7	Y	Absent		-
L2353480-04A	5 gram Encore Sampler	B	NA		3.7	Y	Absent		NYTCL-8260HLW(14)
L2353480-04B	5 gram Encore Sampler	B	NA		3.7	Y	Absent		NYTCL-8260HLW(14)
L2353480-04C	5 gram Encore Sampler	B	NA		3.7	Y	Absent		NYTCL-8260HLW(14)
L2353480-04X	Vial MeOH preserved split	B	NA		3.7	Y	Absent		NYTCL-8260HLW(14)
L2353480-04Y	Vial Water preserved split	B	NA		3.7	Y	Absent	14-SEP-23 14:31	NYTCL-8260HLW(14)
L2353480-04Z	Vial Water preserved split	B	NA		3.7	Y	Absent	14-SEP-23 14:31	NYTCL-8260HLW(14)
L2353480-05A	Plastic 2oz unpreserved for TS	B	NA		3.7	Y	Absent		TS(7)
L2353480-05B	Metals Only-Glass 60mL/2oz unpreserved	B	NA		3.7	Y	Absent		BE-Ti(180),AS-Ti(180),BA-Ti(180),AG-Ti(180),TL-Ti(180),NI-Ti(180),AL-Ti(180),CR-Ti(180),PB-Ti(180),CU-Ti(180),SB-Ti(180),ZN-Ti(180),SE-Ti(180),V-Ti(180),CO-Ti(180),HG-T(28),MN-Ti(180),FE-Ti(180),MG-Ti(180),K-Ti(180),CA-Ti(180),CD-Ti(180),NA-Ti(180)

Project Name: SUN VALLEY SITE
Project Number: 12060 / PHASE 8

Serial_No: 09202314:17
Lab Number: L2353480
Report Date: 09/20/23

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2353480-05C	Glass 120ml/4oz unpreserved	B	NA		3.7	Y	Absent		TCN-9010(14),REACTS(14),NYTCL-8270(14),IGNIT-1030(14),NJEPH-TPH-CAT2(14),HERB-APA(14),PH-9045(1),NYTCL-8081(14),PAINTF(),NYTCL-8082(365),REACTCN(14),HEXCR-7196(30)
L2353480-05D	Glass 500ml/16oz unpreserved	B	NA		3.7	Y	Absent		TCN-9010(14),REACTS(14),NYTCL-8270(14),IGNIT-1030(14),NJEPH-TPH-CAT2(14),HERB-APA(14),PH-9045(1),NYTCL-8081(14),PAINTF(),NYTCL-8082(365),REACTCN(14),HEXCR-7196(30)
L2353480-05E	Glass 500ml/16oz unpreserved	B	NA		3.7	Y	Absent		TCN-9010(14),REACTS(14),NYTCL-8270(14),IGNIT-1030(14),NJEPH-TPH-CAT2(14),HERB-APA(14),PH-9045(1),NYTCL-8081(14),PAINTF(),NYTCL-8082(365),REACTCN(14),HEXCR-7196(30)
L2353480-05X	Plastic 120ml HNO3 preserved Extracts	B	NA		3.7	Y	Absent		CD-CI(180),BA-CI(180),AS-CI(180),HG-C(28),PB-CI(180),SE-CI(180),CR-CI(180),AG-CI(180)
L2353480-05X9	Tumble Vessel	B	NA		3.7	Y	Absent		-
L2353480-06A	5 gram Encore Sampler	B	NA		3.7	Y	Absent		NYTCL-8260HLW(14)
L2353480-06B	5 gram Encore Sampler	B	NA		3.7	Y	Absent		NYTCL-8260HLW(14)
L2353480-06C	5 gram Encore Sampler	B	NA		3.7	Y	Absent		NYTCL-8260HLW(14)
L2353480-06X	Vial MeOH preserved split	B	NA		3.7	Y	Absent		NYTCL-8260HLW(14)
L2353480-06Y	Vial Water preserved split	B	NA		3.7	Y	Absent	14-SEP-23 14:31	NYTCL-8260HLW(14)
L2353480-06Z	Vial Water preserved split	B	NA		3.7	Y	Absent	14-SEP-23 14:31	NYTCL-8260HLW(14)
L2353480-07A	Plastic 2oz unpreserved for TS	A	NA		3.9	Y	Absent		TS(7)
L2353480-07B	Metals Only-Glass 60mL/2oz unpreserved	A	NA		3.9	Y	Absent		BE-TI(180),BA-TI(180),AS-TI(180),AG-TI(180),AL-TI(180),CR-TI(180),TL-TI(180),NI-TI(180),PB-TI(180),SB-TI(180),SE-TI(180),CU-TI(180),ZN-TI(180),V-TI(180),CO-TI(180),FE-TI(180),HG-T(28),MG-TI(180),MN-TI(180),CD-TI(180),NA-TI(180),CA-TI(180),K-TI(180)
L2353480-07C	Glass 120ml/4oz unpreserved	A	NA		3.9	Y	Absent		IGNIT-1030(14),NJEPH-TPH-CAT2(14),NYTCL-8270(14),REACTS(14),TCN-9010(14),HERB-APA(14),PH-9045(1),PAINTF(),NYTCL-8081(14),REACTCN(14),NYTCL-8082(365),HEXCR-7196(30)

Project Name: SUN VALLEY SITE
Project Number: 12060 / PHASE 8

Serial_No: 09202314:17
Lab Number: L2353480
Report Date: 09/20/23

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2353480-07D	Glass 500ml/16oz unpreserved	A	NA		3.9	Y	Absent		IGNIT-1030(14),NJEPH-TPH-CAT2(14),NYTCL-8270(14),REACTS(14),TCN-9010(14),HERB-APA(14),PH-9045(1),PAINTF(),NYTCL-8081(14),REACTCN(14),NYTCL-8082(365),HEXCR-7196(30)
L2353480-07E	Glass 500ml/16oz unpreserved	A	NA		3.9	Y	Absent		IGNIT-1030(14),NJEPH-TPH-CAT2(14),NYTCL-8270(14),REACTS(14),TCN-9010(14),HERB-APA(14),PH-9045(1),PAINTF(),NYTCL-8081(14),REACTCN(14),NYTCL-8082(365),HEXCR-7196(30)
L2353480-07X	Plastic 120ml HNO3 preserved Extracts	A	NA		3.9	Y	Absent		CD-CI(180),BA-CI(180),AS-CI(180),HG-C(28),PB-CI(180),CR-CI(180),SE-CI(180),AG-CI(180)
L2353480-07X9	Tumble Vessel	A	NA		3.9	Y	Absent		-
L2353480-08A	5 gram Encore Sampler	A	NA		3.9	Y	Absent		NYTCL-8260HLW(14)
L2353480-08B	5 gram Encore Sampler	A	NA		3.9	Y	Absent		NYTCL-8260HLW(14)
L2353480-08C	5 gram Encore Sampler	A	NA		3.9	Y	Absent		NYTCL-8260HLW(14)
L2353480-08X	Vial MeOH preserved split	A	NA		3.9	Y	Absent		NYTCL-8260HLW(14)
L2353480-08Y	Vial Water preserved split	A	NA		3.9	Y	Absent	14-SEP-23 14:31	NYTCL-8260HLW(14)
L2353480-08Z	Vial Water preserved split	A	NA		3.9	Y	Absent	14-SEP-23 14:31	NYTCL-8260HLW(14)
L2353480-09A	Plastic 2oz unpreserved for TS	A	NA		3.9	Y	Absent		TS(7)
L2353480-09B	Metals Only-Glass 60mL/2oz unpreserved	A	NA		3.9	Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),NI-TI(180),CR-TI(180),AL-TI(180),TL-TI(180),PB-TI(180),SE-TI(180),SB-TI(180),CU-TI(180),ZN-TI(180),CO-TI(180),V-TI(180),MN-TI(180),HG-T(28),MG-TI(180),FE-TI(180),NA-TI(180),CD-TI(180),CA-TI(180),K-TI(180)
L2353480-09C	Glass 120ml/4oz unpreserved	A	NA		3.9	Y	Absent		REACTS(14),NJEPH-TPH-CAT2(14),TCN-9010(14),IGNIT-1030(14),NYTCL-8270(14),HERB-APA(14),PH-9045(1),NYTCL-8081(14),PAINTF(),NYTCL-8082(365),REACTCN(14),HEXCR-7196(30)
L2353480-09D	Glass 500ml/16oz unpreserved	A	NA		3.9	Y	Absent		REACTS(14),NJEPH-TPH-CAT2(14),TCN-9010(14),IGNIT-1030(14),NYTCL-8270(14),HERB-APA(14),PH-9045(1),NYTCL-8081(14),PAINTF(),NYTCL-8082(365),REACTCN(14),HEXCR-7196(30)

Project Name: SUN VALLEY SITE
Project Number: 12060 / PHASE 8

Serial_No:09202314:17
Lab Number: L2353480
Report Date: 09/20/23

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2353480-09E	Glass 500ml/16oz unpreserved	A	NA		3.9	Y	Absent		REACTS(14),NJEPH-TPH-CAT2(14),TCN-9010(14),IGNIT-1030(14),NYTCL-8270(14),HERB-APA(14),PH-9045(1),NYTCL-8081(14),PAINTF(),NYTCL-8082(365),REACTCN(14),HEXCR-7196(30)
L2353480-09X	Plastic 120ml HNO3 preserved Extracts	A	NA		3.9	Y	Absent		CD-CI(180),BA-CI(180),AS-CI(180),HG-C(28),PB-CI(180),CR-CI(180),SE-CI(180),AG-CI(180)
L2353480-09X9	Tumble Vessel	A	NA		3.9	Y	Absent		-
L2353480-10A	5 gram Encore Sampler	A	NA		3.9	Y	Absent		NYTCL-8260HLW(14)
L2353480-10B	5 gram Encore Sampler	A	NA		3.9	Y	Absent		NYTCL-8260HLW(14)
L2353480-10C	5 gram Encore Sampler	A	NA		3.9	Y	Absent		NYTCL-8260HLW(14)
L2353480-10X	Vial MeOH preserved split	A	NA		3.9	Y	Absent		NYTCL-8260HLW(14)
L2353480-10Y	Vial Water preserved split	A	NA		3.9	Y	Absent	14-SEP-23 14:31	NYTCL-8260HLW(14)
L2353480-10Z	Vial Water preserved split	A	NA		3.9	Y	Absent	14-SEP-23 14:31	NYTCL-8260HLW(14)

Project Name: SUN VALLEY SITE
Project Number: 12060 / PHASE 8

Lab Number: L2353480
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GLOSSARY

Acronyms

DL	- Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the limit of quantitation (LOQ). The DL includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
EDL	- Estimated Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The EDL includes any adjustments from dilutions, concentrations or moisture content, where applicable. The use of EDLs is specific to the analysis of PAHs using Solid-Phase Microextraction (SPME).
EMPC	- Estimated Maximum Possible Concentration: The concentration that results from the signal present at the retention time of an analyte when the ions meet all of the identification criteria except the ion abundance ratio criteria. An EMPC is a worst-case estimate of the concentration.
EPA	- Environmental Protection Agency.
LCS	- Laboratory Control Sample: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.
LCSD	- Laboratory Control Sample Duplicate: Refer to LCS.
LFB	- Laboratory Fortified Blank: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.
LOD	- Limit of Detection: This value represents the level to which a target analyte can reliably be detected for a specific analyte in a specific matrix by a specific method. The LOD includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
LOQ	- Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.) Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
MDL	- Method Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The MDL includes any adjustments from dilutions, concentrations or moisture content, where applicable.
MS	- Matrix Spike Sample: A sample prepared by adding a known mass of target analyte to a specified amount of matrix sample for which an independent estimate of target analyte concentration is available. For Method 332.0, the spike recovery is calculated using the native concentration, including estimated values.
MSD	- Matrix Spike Sample Duplicate: Refer to MS.
NA	- Not Applicable.
NC	- Not Calculated: Term is utilized when one or more of the results utilized in the calculation are non-detect at the parameter's reporting unit.
NDPA/DPA	- N-Nitrosodiphenylamine/Diphenylamine.
NI	- Not Ignitable.
NP	- Non-Plastic: Term is utilized for the analysis of Atterberg Limits in soil.
NR	- No Results: Term is utilized when 'No Target Compounds Requested' is reported for the analysis of Volatile or Semivolatile Organic TIC only requests.
RL	- Reporting Limit: The value at which an instrument can accurately measure an analyte at a specific concentration. The RL includes any adjustments from dilutions, concentrations or moisture content, where applicable.
RPD	- Relative Percent Difference: The results from matrix and/or matrix spike duplicates are primarily designed to assess the precision of analytical results in a given matrix and are expressed as relative percent difference (RPD). Values which are less than five times the reporting limit for any individual parameter are evaluated by utilizing the absolute difference between the values; although the RPD value will be provided in the report.
SRM	- Standard Reference Material: A reference sample of a known or certified value that is of the same or similar matrix as the associated field samples.
STLP	- Semi-dynamic Tank Leaching Procedure per EPA Method 1315.
TEF	- Toxic Equivalency Factors: The values assigned to each dioxin and furan to evaluate their toxicity relative to 2,3,7,8-TCDD.
TEQ	- Toxic Equivalent: The measure of a sample's toxicity derived by multiplying each dioxin and furan by its corresponding TEF and then summing the resulting values.
TIC	- Tentatively Identified Compound: A compound that has been identified to be present and is not part of the target compound list (TCL) for the method and/or program. All TICs are qualitatively identified and reported as estimated concentrations.

Report Format: DU Report with 'J' Qualifiers



Project Name: SUN VALLEY SITE
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Footnotes

- 1 - The reference for this analyte should be considered modified since this analyte is absent from the target analyte list of the original method.

Terms

Analytical Method: Both the document from which the method originates and the analytical reference method. (Example: EPA 8260B is shown as 1,8260B.) The codes for the reference method documents are provided in the References section of the Addendum.

Chlordane: The target compound Chlordane (CAS No. 57-74-9) is reported for GC ECD analyses. Per EPA, this compound "refers to a mixture of chlordane isomers, other chlorinated hydrocarbons and numerous other components." (Reference: USEPA Toxicological Review of Chlordane, In Support of Summary Information on the Integrated Risk Information System (IRIS), December 1997.)

Difference: With respect to Total Oxidizable Precursor (TOP) Assay analysis, the difference is defined as the Post-Treatment value minus the Pre-Treatment value.

Final pH: As it pertains to Sample Receipt & Container Information section of the report, Final pH reflects pH of container determined after adjustment at the laboratory, if applicable. If no adjustment required, value reflects Initial pH.

Frozen Date/Time: With respect to Volatile Organics in soil, Frozen Date/Time reflects the date/time at which associated Reagent Water-preserved vials were initially frozen. Note: If frozen date/time is beyond 48 hours from sample collection, value will be reflected in 'bold'.

Gasoline Range Organics (GRO): Gasoline Range Organics (GRO) results include all chromatographic peaks eluting from Methyl tert butyl ether through Naphthalene, with the exception of GRO analysis in support of State of Ohio programs, which includes all chromatographic peaks eluting from Hexane through Dodecane.

Initial pH: As it pertains to Sample Receipt & Container Information section of the report, Initial pH reflects pH of container determined upon receipt, if applicable.

PAH Total: With respect to Alkylated PAH analyses, the 'PAHs, Total' result is defined as the summation of results for all or a subset of the following compounds: Naphthalene, C1-C4 Naphthalenes, 2-Methylnaphthalene, 1-Methylnaphthalene, Biphenyl, Acenaphthylene, Acenaphthene, Fluorene, C1-C3 Fluorenes, Phenanthrene, C1-C4 Phenanthrenes/Anthracenes, Anthracene, Fluoranthene, Pyrene, C1-C4 Fluoranthenes/Pyrenes, Benz(a)anthracene, Chrysene, C1-C4 Chrysenes, Benzo(b)fluoranthene, Benzo(j)+(k)fluoranthene, Benzo(e)pyrene, Benzo(a)pyrene, Perylene, Indeno(1,2,3-cd)pyrene, Dibenz(ah)+(ac)anthracene, Benzo(g,h,i)perylene. If a 'Total' result is requested, the results of its individual components will also be reported.

PFAS Total: With respect to PFAS analyses, the 'PFAS, Total (5)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA and PFOS. In addition, the 'PFAS, Total (6)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA, PFDA and PFOS. For MassDEP DW compliance analysis only, the 'PFAS, Total (6)' result is defined as the summation of results at or above the RL. Note: If a 'Total' result is requested, the results of its individual components will also be reported.

Total: With respect to Organic analyses, a 'Total' result is defined as the summation of results for individual isomers or Aroclors. If a 'Total' result is requested, the results of its individual components will also be reported. This is applicable to 'Total' results for methods 8260, 8081 and 8082.

Data Qualifiers

- A** - Spectra identified as "Aldol Condensates" are byproducts of the extraction/concentration procedures when acetone is introduced in the process.
- B** - The analyte was detected above the reporting limit in the associated method blank. Flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For MCP-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For DOD-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank AND the analyte was detected above one-half the reporting limit (or above the reporting limit for common lab contaminants) in the associated method blank. For NJ-Air-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte above the reporting limit. For NJ-related projects (excluding Air), flag only applies to associated field samples that have detectable concentrations of the analyte, which was detected above the reporting limit in the associated method blank or above five times the reporting limit for common lab contaminants (Phthalates, Acetone, Methylene Chloride, 2-Butanone).
- C** - Co-elution: The target analyte co-elutes with a known lab standard (i.e. surrogate, internal standards, etc.) for co-extracted analyses.
- D** - Concentration of analyte was quantified from diluted analysis. Flag only applies to field samples that have detectable concentrations of the analyte.
- E** - Concentration of analyte exceeds the range of the calibration curve and/or linear range of the instrument.
- F** - The ratio of quantifier ion response to qualifier ion response falls outside of the laboratory criteria. Results are considered to be an estimated maximum concentration.
- G** - The concentration may be biased high due to matrix interferences (i.e. co-elution) with non-target compound(s). The result should be considered estimated.
- H** - The analysis of pH was performed beyond the regulatory-required holding time of 15 minutes from the time of sample collection.
- I** - The lower value for the two columns has been reported due to obvious interference.
- J** - Estimated value. The Target analyte concentration is below the quantitation limit (RL), but above the Method Detection Limit (MDL) or Estimated Detection Limit (EDL) for SPME-related analyses. This represents an estimated concentration for Tentatively

Report Format: DU Report with 'J' Qualifiers



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Data Qualifiers

Identified Compounds (TICs). For calculated parameters, this represents that one or more values used in the calculation were estimated.

- M** - Reporting Limit (RL) exceeds the MCP CAM Reporting Limit for this analyte.
- ND** - Not detected at the method detection limit (MDL) for the sample, or estimated detection limit (EDL) for SPME-related analyses.
- NJ** - Presumptive evidence of compound. This represents an estimated concentration for Tentatively Identified Compounds (TICs), where the identification is based on a mass spectral library search.
- P** - The RPD between the results for the two columns exceeds the method-specified criteria.
- Q** - The quality control sample exceeds the associated acceptance criteria. For DOD-related projects, LCS and/or Continuing Calibration Standard exceedences are also qualified on all associated sample results. Note: This flag is not applicable for matrix spike recoveries when the sample concentration is greater than 4x the spike added or for batch duplicate RPD when the sample concentrations are less than 5x the RL. (Metals only.)
- R** - Analytical results are from sample re-analysis.
- RE** - Analytical results are from sample re-extraction.
- S** - Analytical results are from modified screening analysis.
- V** - The surrogate associated with this target analyte has a recovery outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)
- Z** - The batch matrix spike and/or duplicate associated with this target analyte has a recovery/RPD outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)

Project Name: SUN VALLEY SITE
Project Number: 12060 / PHASE 8

Lab Number: L2353480
Report Date: 09/20/23

REFERENCES

- 1 Test Methods for Evaluating Solid Waste: Physical/Chemical Methods. EPA SW-846. Third Edition. Updates I - VI, 2018.
- 103 Analysis of Extractable Petroleum Hydrocarbon Compounds (EPH) in Aqueous and Soil/Sediment/Sludge Matrices. New Jersey Department of Environmental Protection, Site Remediation Program, (Version 1.1), Document # NJDEP EPH 10/08, Revision 3, August 2010.
- 121 Standard Methods for the Examination of Water and Wastewater. APHA-AWWA-WEF. Standard Methods Online.
- 125 Test Methods for Evaluating Solid Waste: Physical/Chemical Methods. EPA SW-846. Third Edition. Updates IIIA, April 1998.

LIMITATION OF LIABILITIES

Alpha Analytical performs services with reasonable care and diligence normal to the analytical testing laboratory industry. In the event of an error, the sole and exclusive responsibility of Alpha Analytical shall be to re-perform the work at it's own expense. In no event shall Alpha Analytical be held liable for any incidental, consequential or special damages, including but not limited to, damages in any way connected with the use of, interpretation of, information or analysis provided by Alpha Analytical.

We strongly urge our clients to comply with EPA protocol regarding sample volume, preservation, cooling, containers, sampling procedures, holding time and splitting of samples in the field.



Alpha Analytical, Inc.Facility: **Company-wide**Department: **Quality Assurance**Title: **Certificate/Approval Program Summary**ID No.: **17873**

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Published Date: 6/16/2023 4:52:28 PM

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Certification Information

The following analytes are not included in our Primary NELAP Scope of Accreditation:

Westborough Facility**EPA 624.1:** m/p-xylene, o-xylene, Naphthalene**EPA 625.1:** alpha-Terpineol**EPA 8260D:** NPW: 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene, Azobenzene; SCM: Iodomethane (methyl iodide), 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene.**EPA 8270E:** NPW: Dimethylnaphthalene, 1,4-Diphenylhydrazine, alpha-Terpineol; SCM: Dimethylnaphthalene, 1,4-Diphenylhydrazine.**SM4500:** NPW: Amenable Cyanide; SCM: Total Phosphorus, TKN, NO₂, NO₃.**Mansfield Facility****SM 2540D:** TSS.**EPA TO-15:** Halothane, 2,4,4-Trimethyl-2-pentene, 2,4,4-Trimethyl-1-pentene, Thiophene, 2-Methylthiophene,

3-Methylthiophene, 2-Ethylthiophene, 1,2,3-Trimethylbenzene, Indan, Indene, 1,2,4,5-Tetramethylbenzene, Benzothiophene, 1-Methylnaphthalene.

Biological Tissue Matrix: EPA 3050B

The following analytes are included in our Massachusetts DEP Scope of Accreditation

Westborough Facility:**Drinking Water****EPA 300.0:** Chloride, Nitrate-N, Fluoride, Sulfate; **EPA 353.2:** Nitrate-N, Nitrite-N; **SM4500NO3-F:** Nitrate-N, Nitrite-N; **SM4500F-C, SM4500CN-CE,****EPA 180.1, SM2130B, SM4500CI-D, SM2320B, SM2540C, SM4500H-B, SM4500NO2-B****EPA 524.2:** THMs and VOCs; **EPA 504.1:** EDB, DBCP.**Microbiology:** **SM9215B; SM9223-P/A, SM9223B-Colilert-QT, SM9222D.****Non-Potable Water****SM4500H,B, EPA 120.1, SM2510B, SM2540C, SM2320B, SM4500CL-E, SM4500F-BC, SM4500NH3-BH:** Ammonia-N and Kjeldahl-N, **EPA 350.1:**Ammonia-N, **LACHAT 10-107-06-1-B:** Ammonia-N, **EPA 351.1, SM4500NO3-F, EPA 353.2:** Nitrate-N, **SM4500P-E, SM4500P-B, E, SM4500SO4-E,****SM5220D, EPA 410.4, SM5210B, SM5310C, SM4500CL-D, EPA 1664, EPA 420.1, SM4500-CN-CE, SM2540D, EPA 300:** Chloride, Sulfate, Nitrate.**EPA 624.1:** Volatile Halocarbons & Aromatics,**EPA 608.3:** Chlordane, Toxaphene, Aldrin, alpha-BHC, beta-BHC, gamma-BHC, delta-BHC, Dieldrin, DDD, DDE, DDT, Endosulfan I, Endosulfan II,

Endosulfan sulfate, Endrin, Endrin Aldehyde, Heptachlor, Heptachlor Epoxide, PCBs

EPA 625.1: SVOC (Acid/Base/Neutral Extractables).**Microbiology:** **SM9223B-Colilert-QT; Enterolert-QT, SM9221E, EPA 1600, EPA 1603, SM9222D.****Mansfield Facility:****Drinking Water****EPA 200.7:** Al, Ba, Cd, Cr, Cu, Fe, Mn, Ni, Na, Ag, Ca, Zn. **EPA 200.8:** Al, Sb, As, Ba, Be, Cd, Cr, Cu, Pb, Mn, Ni, Se, Ag, TL, Zn. **EPA 245.1** Hg.**EPA 522, EPA 537.1.****Non-Potable Water****EPA 200.7:** Al, Sb, As, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Mo, Ni, K, Se, Ag, Na, Sr, TL, Ti, V, Zn.**EPA 200.8:** Al, Sb, As, Be, Cd, Cr, Cu, Fe, Pb, Mn, Ni, K, Se, Ag, Na, TL, Zn.**EPA 245.1** Hg.**SM2340B**

For a complete listing of analytes and methods, please contact your Alpha Project Manager.

 NEW YORK CHAIN OF CUSTODY		Service Centers Mahwah, NJ 07430: 35 Whitney Rd, Suite 5 Albany, NY 12205: 14 Walker Way Tonawanda, NY 14150: 275 Cooper Ave, Suite 105		Page 1 of 1		Date Rec'd in Lab 9/14/23		ALPHA Job # L2353480	
Westborough, MA 01581 8 Walkup Dr. TEL: 508-898-9220 FAX: 508-898-9193		Mansfield, MA 02048 320 Forbes Blvd TEL: 508-822-9300 FAX: 508-822-3288		Project Information Project Name: Sun Valley Site Project Location: Ossining, NY Project # 12060 / Phase 8 (Use Project name as Project #) ☐		Deliverables ☐ ASP-A ☒ ASP-B ☐ EQUIS (1 File) ☒ EQUIS (4 File) ☐ Other		Billing Information ☒ Same as Client Info PO #	
Client Information Client: SEI CONSULTING ENG. Address: 959 Rt 46 Ossining, NY Phone: 913 848 9050 Fax: Email: Monica.Natko@sei.com		Project Manager: James Vanda Vinski ALPHAQuote #: Turn-Around Time Standard ☒ Rush (only if pre approved) ☐ Due Date: # of Days:		Regulatory Requirement ☐ NY TOGS ☐ NY Part 375 ☐ AWQ Standards ☐ NY CP-51 ☒ NY Restricted Use ☐ Other ☒ NY Unrestricted Use ☐ NYC Sewer Discharge		Disposal Site Information Please identify below location of applicable disposal facilities. Disposal Facility: ☐ NJ ☐ NY ☐ Other:			
These samples have been previously analyzed by Alpha ☐				ANALYSIS				Sample Filtration ☐ Done ☐ Lab to do ☐ Lab to do (Please Specify below)	
Other project specific requirements/comments: Please use TS for grab samples analysis from composite samples indicated under "comments"				Please specify Metals or TAL				Total Bottles	
ALPHA Lab ID (Lab Use Only)		Sample ID		Collection Date Time		Sample Matrix		Sampler's Initials	
53480-01		COMP-D3(0-7)		9/13/23 950		SO		KL	
02		GRAB-D3(5.5-6)		950+30					
03		COMP-E3(0-6)		1130 1300					
04		GRAB-E3(3.5-4)		1430					
05		COMP-F3(0-10)		1300					
06		GRAB-F3(4.5-5)		1300					
07		COMP-F2(0-7)		1445					
08		GRAB-F2(4.5-5)		1445					
09		COMP-F2(7-15)		1545					
10		GRAB-F2(10-10.5)		1545					
Preservative Code: A = None B = HCl C = HNO ₃ D = H ₂ SO ₄ E = NaOH F = MeOH G = NaHSO ₄ H = Na ₂ S ₂ O ₃ K/E = Zn Ac/NaOH O = Other		Container Code: P = Plastic A = Amber Glass V = Vial G = Glass B = Bacteria Cup C = Cube O = Other E = Encore D = BOD Bottle		Westboro: Certification No: MA935 Mansfield: Certification No: MA015		Container Type ELP P/A		Preservative	
Relinquished By: Anthony Green		Date/Time 9/13/23 @ 1045 9/13/23 2040 9/14/23 0110 9/14/23 0310		Received By: Anthony Green		Date/Time 9/13/23 1910 SEP 13 2023 2040 9/14/23 0110 9/14/23 0310		Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. BY EXECUTING THIS COC, THE CLIENT HAS READ AND AGREES TO BE BOUND BY ALPHA'S TERMS & CONDITIONS. (See reverse side.)	



ANALYTICAL REPORT

Lab Number:	L2353853
Client:	Soils Engineering Services, Inc. 959 Route 46E Parsippany, NJ 07054
ATTN:	James Vander Vliet
Phone:	(973) 808-9050
Project Name:	SUN VALLEY SITE
Project Number:	12060 / PHASE 8
Report Date:	09/21/23

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Certifications & Approvals: MA (M-MA086), NH NELAP (2064), CT (PH-0826), IL (200077), IN (C-MA-03), KY (KY98045), ME (MA00086), MD (348), NJ (MA935), NY (11148), NC (25700/666), OH (CL108), OR (MA-1316), PA (68-03671), RI (LAO00065), TX (T104704476), VT (VT-0935), VA (460195), USDA (Permit #525-23-122-91930).

Eight Walkup Drive, Westborough, MA 01581-1019
508-898-9220 (Fax) 508-898-9193 800-624-9220 - www.alphalab.com



Project Name: SUN VALLEY SITE
Project Number: 12060 / PHASE 8

Lab Number: L2353853
Report Date: 09/21/23

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L2353853-01	COMP_D1(0-7)	SOIL	OSSINING, NY	09/14/23 09:50	09/14/23
L2353853-02	GRAB_D1(6.5-7)	SOIL	OSSINING, NY	09/14/23 09:50	09/14/23
L2353853-03	COMP_C2(0-7)	SOIL	OSSINING, NY	09/14/23 12:45	09/14/23
L2353853-04	GRAB_C2(3-3.5)	SOIL	OSSINING, NY	09/14/23 12:45	09/14/23
L2353853-05	COMP_D1(7-15)	SOIL	OSSINING, NY	09/14/23 09:55	09/14/23
L2353853-06	GRAB_D1(10.5-11)	SOIL	OSSINING, NY	09/14/23 09:55	09/14/23
L2353853-07	COMP_C2(7-17)	SOIL	OSSINING, NY	09/14/23 12:55	09/14/23
L2353853-08	GRAB_C2(12.5-13)	SOIL	OSSINING, NY	09/14/23 12:55	09/14/23
L2353853-09	COMP_D2(0-7)	SOIL	OSSINING, NY	09/14/23 14:45	09/14/23
L2353853-10	GRAB_D2(7.5-8)	SOIL	OSSINING, NY	09/14/23 14:45	09/14/23
L2353853-11	COMP_D2(7-17)	SOIL	OSSINING, NY	09/14/23 14:55	09/14/23
L2353853-12	GRAB_D2(2.5-3)	SOIL	OSSINING, NY	09/14/23 14:45	09/14/23

Project Name: SUN VALLEY SITE
Project Number: 12060 / PHASE 8

Lab Number: L2353853
Report Date: 09/21/23

Case Narrative

The samples were received in accordance with the Chain of Custody and no significant deviations were encountered during the preparation or analysis unless otherwise noted. Sample Receipt, Container Information, and the Chain of Custody are located at the back of the report.

Results contained within this report relate only to the samples submitted under this Alpha Lab Number and meet NELAP requirements for all NELAP accredited parameters unless otherwise noted in the following narrative. The data presented in this report is organized by parameter (i.e. VOC, SVOC, etc.). Sample specific Quality Control data (i.e. Surrogate Spike Recovery) is reported at the end of the target analyte list for each individual sample, followed by the Laboratory Batch Quality Control at the end of each parameter. Tentatively Identified Compounds (TICs), if requested, are reported for compounds identified to be present and are not part of the method/program Target Compound List, even if only a subset of the TCL are being reported. If a sample was re-analyzed or re-extracted due to a required quality control corrective action and if both sets of data are reported, the Laboratory ID of the re-analysis or re-extraction is designated with an "R" or "RE", respectively.

When multiple Batch Quality Control elements are reported (e.g. more than one LCS), the associated samples for each element are noted in the grey shaded header line of each data table. Any Laboratory Batch, Sample Specific % recovery or RPD value that is outside the listed Acceptance Criteria is bolded in the report. In reference to questions H (CAM) or 4 (RCP) when "NO" is checked, the performance criteria for CAM and RCP methods allow for some quality control failures to occur and still be within method compliance. In these instances, the specific failure is not narrated but noted in the associated QC Outlier Summary Report, located directly after the Case Narrative. QC information is also incorporated in the Data Usability Assessment table (Format 11) of our Data Merger tool, where it can be reviewed in conjunction with the sample result, associated regulatory criteria and any associated data usability implications.

Soil/sediments, solids and tissues are reported on a dry weight basis unless otherwise noted. Definitions of all data qualifiers and acronyms used in this report are provided in the Glossary located at the back of the report.

HOLD POLICY - For samples submitted on hold, Alpha's policy is to hold samples (with the exception of Air canisters) free of charge for 21 calendar days from the date the project is completed. After 21 calendar days, we will dispose of all samples submitted including those put on hold unless you have contacted your Alpha Project Manager and made arrangements for Alpha to continue to hold the samples. Air canisters will be disposed after 3 business days from the date the project is completed.

Please contact Project Management at 800-624-9220 with any questions.

Project Name: SUN VALLEY SITE
Project Number: 12060 / PHASE 8

Lab Number: L2353853
Report Date: 09/21/23

Case Narrative (continued)

Report Submission

All non-detect (ND) or estimated concentrations (J-qualified) have been quantitated to the limit noted in the MDL column.

Sample Receipt

L2353853-02, -04, -06, -08, -10, and -12: The grab samples submitted for Volatile Organics were received without raw soil for the Total Solids analysis. At the client's request, the Total Solids results from the corresponding composite samples were utilized in the dry weight calculation of the Volatile Organics data.

L2353853-10: The collection date and time on the chain of custody was 14-SEP-23 14:45; however, the collection date/time on the container label was 14-SEP-23 14:50. At the client's request, the collection date/time is reported as 14-SEP-23 14:45.

L2353853-11: The sample identified as "COMP_D2(7-17)" on the chain of custody was identified as "COMP_D2(7-12)" on the container label. At the client's request, the sample is reported as "COMP_D2(7-17)".

L2353853-11: The collection date and time on the chain of custody was 14-SEP-23 14:55; however, the collection date/time on the container label was 14-SEP-23 14:40. At the client's request, the collection date/time is reported as 14-SEP-23 14:55.

L2353853-12: The sample identified as "GRAB_D2(2.5-3)" on the chain of custody was identified as "GRAB_D2(7.5-8)" on the container label. At the client's request, the sample is reported as "GRAB_D2(2.5-3)".

Volatile Organics

L2353853-02: The sample was analyzed as a High Level Methanol based upon screen results. The sample was then analyzed as a Low Level in order to achieve lower reporting limits. The results of both analyses are reported. Differences were noted between the results of the analyses which have been attributed to vial discrepancies.

Total Metals

Project Name: SUN VALLEY SITE
Project Number: 12060 / PHASE 8

Lab Number: L2353853
Report Date: 09/21/23

Case Narrative (continued)

L2353853-01, -03, -05, -07, -09, and -11: The sample has elevated detection limits for all elements, with the exception of mercury, due to the dilution required by the sample matrix.

Cyanide, Total

The WG1828216-2/-3 LCS/LCSD recoveries for cyanide, total (150%/134%), associated with L2353853-01, -03, and -05, are outside our in-house acceptance criteria, but within the vendor-certified acceptance limits.

The results of the original analyses are reported.

The WG1828806-2/-3 LCS/LCSD recoveries, associated with L2353853-07, -09, and -11, are above the acceptance criteria for cyanide, total (153%/122%); however, the associated samples are non-detect to the RL for this target analyte. The results of the original analysis are reported.

I, the undersigned, attest under the pains and penalties of perjury that, to the best of my knowledge and belief and based upon my personal inquiry of those responsible for providing the information contained in this analytical report, such information is accurate and complete. This certificate of analysis is not complete unless this page accompanies any and all pages of this report.

Authorized Signature:

 Kelly Stenstrom

Title: Technical Director/Representative

Date: 09/21/23

ORGANICS

VOLATILES

Project Name: SUN VALLEY SITE
Project Number: 12060 / PHASE 8

Lab Number: L2353853
Report Date: 09/21/23

SAMPLE RESULTS

Lab ID: L2353853-02
Client ID: GRAB_D1(6.5-7)
Sample Location: OSSINING, NY

Date Collected: 09/14/23 09:50
Date Received: 09/14/23
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 09/18/23 13:13
Analyst: JIC
Percent Solids: 91%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 High - Westborough Lab						
Methylene chloride	ND		ug/kg	250	110	1
1,1-Dichloroethane	ND		ug/kg	50	7.2	1
Chloroform	ND		ug/kg	75	7.0	1
Carbon tetrachloride	ND		ug/kg	50	11.	1
1,2-Dichloropropane	ND		ug/kg	50	6.2	1
Dibromochloromethane	ND		ug/kg	50	7.0	1
1,1,2-Trichloroethane	ND		ug/kg	50	13.	1
Tetrachloroethene	ND		ug/kg	25	9.8	1
Chlorobenzene	ND		ug/kg	25	6.3	1
Trichlorofluoromethane	ND		ug/kg	200	35.	1
1,2-Dichloroethane	ND		ug/kg	50	13.	1
1,1,1-Trichloroethane	ND		ug/kg	25	8.3	1
Bromodichloromethane	ND		ug/kg	25	5.4	1
trans-1,3-Dichloropropene	ND		ug/kg	50	14.	1
cis-1,3-Dichloropropene	ND		ug/kg	25	7.9	1
1,3-Dichloropropene, Total	ND		ug/kg	25	7.9	1
1,1-Dichloropropene	ND		ug/kg	25	7.9	1
Bromoform	ND		ug/kg	200	12.	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	25	8.3	1
Benzene	ND		ug/kg	25	8.3	1
Toluene	ND		ug/kg	50	27.	1
Ethylbenzene	290		ug/kg	50	7.0	1
Chloromethane	ND		ug/kg	200	46.	1
Bromomethane	ND		ug/kg	100	29.	1
Vinyl chloride	ND		ug/kg	50	17.	1
Chloroethane	ND		ug/kg	100	22.	1
1,1-Dichloroethene	ND		ug/kg	50	12.	1
trans-1,2-Dichloroethene	ND		ug/kg	75	6.8	1

Project Name: SUN VALLEY SITE

Lab Number: L2353853

Project Number: 12060 / PHASE 8

Report Date: 09/21/23

SAMPLE RESULTS

Lab ID: L2353853-02
 Client ID: GRAB_D1(6.5-7)
 Sample Location: OSSINING, NY

Date Collected: 09/14/23 09:50
 Date Received: 09/14/23
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 High - Westborough Lab						
Trichloroethene	ND		ug/kg	25	6.8	1
1,2-Dichlorobenzene	ND		ug/kg	100	7.2	1
1,3-Dichlorobenzene	ND		ug/kg	100	7.4	1
1,4-Dichlorobenzene	ND		ug/kg	100	8.5	1
Methyl tert butyl ether	ND		ug/kg	100	10.	1
p/m-Xylene	93	J	ug/kg	100	28.	1
o-Xylene	17	J	ug/kg	50	14.	1
Xylenes, Total	110	J	ug/kg	50	14.	1
cis-1,2-Dichloroethene	ND		ug/kg	50	8.7	1
1,2-Dichloroethene, Total	ND		ug/kg	50	6.8	1
Dibromomethane	ND		ug/kg	100	12.	1
Styrene	ND		ug/kg	50	9.8	1
Dichlorodifluoromethane	ND		ug/kg	500	46.	1
Acetone	ND		ug/kg	500	240	1
Carbon disulfide	ND		ug/kg	500	230	1
2-Butanone	ND		ug/kg	500	110	1
Vinyl acetate	ND		ug/kg	500	110	1
4-Methyl-2-pentanone	ND		ug/kg	500	64.	1
1,2,3-Trichloropropane	ND		ug/kg	100	6.3	1
2-Hexanone	ND		ug/kg	500	59.	1
Bromochloromethane	ND		ug/kg	100	10.	1
2,2-Dichloropropane	ND		ug/kg	100	10.	1
1,2-Dibromoethane	ND		ug/kg	50	14.	1
1,3-Dichloropropane	ND		ug/kg	100	8.3	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	25	6.6	1
Bromobenzene	ND		ug/kg	100	7.2	1
n-Butylbenzene	730		ug/kg	50	8.3	1
sec-Butylbenzene	380		ug/kg	50	7.3	1
tert-Butylbenzene	6.1	J	ug/kg	100	5.9	1
o-Chlorotoluene	ND		ug/kg	100	9.5	1
p-Chlorotoluene	ND		ug/kg	100	5.4	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	150	50.	1
Hexachlorobutadiene	ND		ug/kg	200	8.4	1
Isopropylbenzene	280		ug/kg	50	5.4	1
p-Isopropyltoluene	81		ug/kg	50	5.4	1
Naphthalene	380		ug/kg	200	32.	1
Acrylonitrile	ND		ug/kg	200	57.	1

Project Name: SUN VALLEY SITE**Lab Number:** L2353853**Project Number:** 12060 / PHASE 8**Report Date:** 09/21/23**SAMPLE RESULTS**

Lab ID: L2353853-02
 Client ID: GRAB_D1(6.5-7)
 Sample Location: OSSINING, NY

Date Collected: 09/14/23 09:50
 Date Received: 09/14/23
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 High - Westborough Lab						
n-Propylbenzene	890		ug/kg	50	8.5	1
1,2,3-Trichlorobenzene	ND		ug/kg	100	16.	1
1,2,4-Trichlorobenzene	ND		ug/kg	100	14.	1
1,3,5-Trimethylbenzene	110		ug/kg	100	9.6	1
1,2,4-Trimethylbenzene	260		ug/kg	100	17.	1
1,4-Dioxane	ND		ug/kg	4000	1700	1
p-Diethylbenzene	790		ug/kg	100	8.8	1
p-Ethyltoluene	210		ug/kg	100	19.	1
1,2,4,5-Tetramethylbenzene	1300		ug/kg	100	9.5	1
Ethyl ether	ND		ug/kg	100	17.	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	250	71.	1

Tentatively Identified Compounds

Total TIC Compounds	43800	J	ug/kg			1
Unknown Benzene	2840	J	ug/kg			1
Unknown Benzene	1360	J	ug/kg			1
Hexane, 2,4-dimethyl-	1890	NJ	ug/kg			1
Unknown Alkane	1720	J	ug/kg			1
Unknown Benzene	1680	J	ug/kg			1
Unknown Benzene	1850	J	ug/kg			1
Pentane, 2,3,3-trimethyl-	6770	NJ	ug/kg			1
Unknown	1700	J	ug/kg			1
Unknown Alkane	4860	J	ug/kg			1
Unknown Aromatic	2110	J	ug/kg			1
Heptane, 3-methyl-	3260	NJ	ug/kg			1
Hexane, 2,5-dimethyl-	1760	NJ	ug/kg			1
Unknown	1510	J	ug/kg			1
Pentane, 2,3,4-trimethyl-	5120	NJ	ug/kg			1
Unknown Alkane	5360	J	ug/kg			1

Project Name: SUN VALLEY SITE
Project Number: 12060 / PHASE 8

Lab Number: L2353853
Report Date: 09/21/23

SAMPLE RESULTS

Lab ID: L2353853-02
Client ID: GRAB_D1(6.5-7)
Sample Location: OSSINING, NY

Date Collected: 09/14/23 09:50
Date Received: 09/14/23
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Volatile Organics by EPA 5035 High - Westborough Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	99		70-130
Toluene-d8	95		70-130
4-Bromofluorobenzene	93		70-130
Dibromofluoromethane	95		70-130

Project Name: SUN VALLEY SITE
Project Number: 12060 / PHASE 8

Lab Number: L2353853
Report Date: 09/21/23

SAMPLE RESULTS

Lab ID: L2353853-02
Client ID: GRAB_D1(6.5-7)
Sample Location: OSSINING, NY

Date Collected: 09/14/23 09:50
Date Received: 09/14/23
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 09/19/23 16:36
Analyst: LAC
Percent Solids: 91%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	4.3	2.0	1
1,1-Dichloroethane	ND		ug/kg	0.86	0.12	1
Chloroform	ND		ug/kg	1.3	0.12	1
Carbon tetrachloride	ND		ug/kg	0.86	0.20	1
1,2-Dichloropropane	ND		ug/kg	0.86	0.11	1
Dibromochloromethane	ND		ug/kg	0.86	0.12	1
1,1,2-Trichloroethane	ND		ug/kg	0.86	0.23	1
Tetrachloroethene	ND		ug/kg	0.43	0.17	1
Chlorobenzene	ND		ug/kg	0.43	0.11	1
Trichlorofluoromethane	ND		ug/kg	3.4	0.60	1
1,2-Dichloroethane	ND		ug/kg	0.86	0.22	1
1,1,1-Trichloroethane	ND		ug/kg	0.43	0.14	1
Bromodichloromethane	ND		ug/kg	0.43	0.09	1
trans-1,3-Dichloropropene	ND		ug/kg	0.86	0.23	1
cis-1,3-Dichloropropene	ND		ug/kg	0.43	0.14	1
1,3-Dichloropropene, Total	ND		ug/kg	0.43	0.14	1
1,1-Dichloropropene	ND		ug/kg	0.43	0.14	1
Bromoform	ND		ug/kg	3.4	0.21	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.43	0.14	1
Benzene	0.46		ug/kg	0.43	0.14	1
Toluene	ND		ug/kg	0.86	0.46	1
Ethylbenzene	64		ug/kg	0.86	0.12	1
Chloromethane	ND		ug/kg	3.4	0.80	1
Bromomethane	ND		ug/kg	1.7	0.50	1
Vinyl chloride	ND		ug/kg	0.86	0.29	1
Chloroethane	ND		ug/kg	1.7	0.39	1
1,1-Dichloroethene	ND		ug/kg	0.86	0.20	1
trans-1,2-Dichloroethene	ND		ug/kg	1.3	0.12	1

Project Name: SUN VALLEY SITE

Lab Number: L2353853

Project Number: 12060 / PHASE 8

Report Date: 09/21/23

SAMPLE RESULTS

Lab ID: L2353853-02
 Client ID: GRAB_D1(6.5-7)
 Sample Location: OSSINING, NY

Date Collected: 09/14/23 09:50
 Date Received: 09/14/23
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Trichloroethene	ND		ug/kg	0.43	0.12	1
1,2-Dichlorobenzene	ND		ug/kg	1.7	0.12	1
1,3-Dichlorobenzene	ND		ug/kg	1.7	0.13	1
1,4-Dichlorobenzene	ND		ug/kg	1.7	0.15	1
Methyl tert butyl ether	ND		ug/kg	1.7	0.17	1
p/m-Xylene	7.9		ug/kg	1.7	0.48	1
o-Xylene	1.1		ug/kg	0.86	0.25	1
Xylenes, Total	9.0		ug/kg	0.86	0.25	1
cis-1,2-Dichloroethene	ND		ug/kg	0.86	0.15	1
1,2-Dichloroethene, Total	ND		ug/kg	0.86	0.12	1
Dibromomethane	ND		ug/kg	1.7	0.20	1
Styrene	ND		ug/kg	0.86	0.17	1
Dichlorodifluoromethane	ND		ug/kg	8.6	0.78	1
Acetone	24		ug/kg	8.6	4.1	1
Carbon disulfide	ND		ug/kg	8.6	3.9	1
2-Butanone	ND		ug/kg	8.6	1.9	1
Vinyl acetate	ND		ug/kg	8.6	1.8	1
4-Methyl-2-pentanone	ND		ug/kg	8.6	1.1	1
1,2,3-Trichloropropane	ND		ug/kg	1.7	0.11	1
2-Hexanone	ND		ug/kg	8.6	1.0	1
Bromochloromethane	ND		ug/kg	1.7	0.18	1
2,2-Dichloropropane	ND		ug/kg	1.7	0.17	1
1,2-Dibromoethane	ND		ug/kg	0.86	0.24	1
1,3-Dichloropropane	ND		ug/kg	1.7	0.14	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.43	0.11	1
Bromobenzene	ND		ug/kg	1.7	0.12	1
n-Butylbenzene	36		ug/kg	0.86	0.14	1
sec-Butylbenzene	23		ug/kg	0.86	0.12	1
tert-Butylbenzene	0.41	J	ug/kg	1.7	0.10	1
o-Chlorotoluene	ND		ug/kg	1.7	0.16	1
p-Chlorotoluene	ND		ug/kg	1.7	0.09	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	2.6	0.86	1
Hexachlorobutadiene	ND		ug/kg	3.4	0.14	1
Isopropylbenzene	35		ug/kg	0.86	0.09	1
p-Isopropyltoluene	2.6		ug/kg	0.86	0.09	1
Naphthalene	40		ug/kg	3.4	0.56	1
Acrylonitrile	ND		ug/kg	3.4	0.99	1

Project Name: SUN VALLEY SITE**Lab Number:** L2353853**Project Number:** 12060 / PHASE 8**Report Date:** 09/21/23**SAMPLE RESULTS**

Lab ID: L2353853-02
 Client ID: GRAB_D1(6.5-7)
 Sample Location: OSSINING, NY

Date Collected: 09/14/23 09:50
 Date Received: 09/14/23
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
n-Propylbenzene	96		ug/kg	0.86	0.15	1
1,2,3-Trichlorobenzene	ND		ug/kg	1.7	0.28	1
1,2,4-Trichlorobenzene	ND		ug/kg	1.7	0.23	1
1,3,5-Trimethylbenzene	4.9		ug/kg	1.7	0.16	1
1,2,4-Trimethylbenzene	12		ug/kg	1.7	0.29	1
1,4-Dioxane	ND		ug/kg	69	30.	1
p-Diethylbenzene	20		ug/kg	1.7	0.15	1
p-Ethyltoluene	10		ug/kg	1.7	0.33	1
1,2,4,5-Tetramethylbenzene	68		ug/kg	1.7	0.16	1
Ethyl ether	ND		ug/kg	1.7	0.29	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	4.3	1.2	1

Tentatively Identified Compounds

Total TIC Compounds	2160	J	ug/kg			1
Unknown Alkane	348	J	ug/kg			1
Unknown	60.1	J	ug/kg			1
Unknown Alkane	61.9	J	ug/kg			1
Heptane, 3-methyl-	99.8	NJ	ug/kg			1
Octane, 3-methyl-	78.4	NJ	ug/kg			1
Unknown Aromatic	143	J	ug/kg			1
Unknown Benzene	159	J	ug/kg			1
Unknown Alkane	170	J	ug/kg			1
Unknown Aromatic	71.0	J	ug/kg			1
Unknown Benzene	203	J	ug/kg			1
Unknown Alkane	64.4	J	ug/kg			1
Unknown Alkane	130	J	ug/kg			1
Unknown Alkane	269	J	ug/kg			1
Unknown Benzene	71.5	J	ug/kg			1
Pentane, 2,3,4-trimethyl-	234	NJ	ug/kg			1

Project Name: SUN VALLEY SITE
Project Number: 12060 / PHASE 8

Lab Number: L2353853
Report Date: 09/21/23

SAMPLE RESULTS

Lab ID: L2353853-02
Client ID: GRAB_D1(6.5-7)
Sample Location: OSSINING, NY

Date Collected: 09/14/23 09:50
Date Received: 09/14/23
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	92		70-130
Toluene-d8	99		70-130
4-Bromofluorobenzene	109		70-130
Dibromofluoromethane	88		70-130

Project Name: SUN VALLEY SITE
Project Number: 12060 / PHASE 8

Lab Number: L2353853
Report Date: 09/21/23

SAMPLE RESULTS

Lab ID: L2353853-04
Client ID: GRAB_C2(3-3.5)
Sample Location: OSSINING, NY

Date Collected: 09/14/23 12:45
Date Received: 09/14/23
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 09/19/23 14:16
Analyst: LAC
Percent Solids: 89%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	5.0	2.3	1
1,1-Dichloroethane	ND		ug/kg	1.0	0.15	1
Chloroform	ND		ug/kg	1.5	0.14	1
Carbon tetrachloride	ND		ug/kg	1.0	0.23	1
1,2-Dichloropropane	ND		ug/kg	1.0	0.13	1
Dibromochloromethane	ND		ug/kg	1.0	0.14	1
1,1,2-Trichloroethane	ND		ug/kg	1.0	0.27	1
Tetrachloroethene	ND		ug/kg	0.50	0.20	1
Chlorobenzene	ND		ug/kg	0.50	0.13	1
Trichlorofluoromethane	ND		ug/kg	4.0	0.70	1
1,2-Dichloroethane	ND		ug/kg	1.0	0.26	1
1,1,1-Trichloroethane	ND		ug/kg	0.50	0.17	1
Bromodichloromethane	ND		ug/kg	0.50	0.11	1
trans-1,3-Dichloropropene	ND		ug/kg	1.0	0.28	1
cis-1,3-Dichloropropene	ND		ug/kg	0.50	0.16	1
1,3-Dichloropropene, Total	ND		ug/kg	0.50	0.16	1
1,1-Dichloropropene	ND		ug/kg	0.50	0.16	1
Bromoform	ND		ug/kg	4.0	0.25	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.50	0.17	1
Benzene	ND		ug/kg	0.50	0.17	1
Toluene	ND		ug/kg	1.0	0.55	1
Ethylbenzene	0.70	J	ug/kg	1.0	0.14	1
Chloromethane	ND		ug/kg	4.0	0.94	1
Bromomethane	ND		ug/kg	2.0	0.59	1
Vinyl chloride	ND		ug/kg	1.0	0.34	1
Chloroethane	ND		ug/kg	2.0	0.46	1
1,1-Dichloroethene	ND		ug/kg	1.0	0.24	1
trans-1,2-Dichloroethene	ND		ug/kg	1.5	0.14	1

Project Name: SUN VALLEY SITE

Lab Number: L2353853

Project Number: 12060 / PHASE 8

Report Date: 09/21/23

SAMPLE RESULTS

Lab ID: L2353853-04
 Client ID: GRAB_C2(3-3.5)
 Sample Location: OSSINING, NY

Date Collected: 09/14/23 12:45
 Date Received: 09/14/23
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Trichloroethene	ND		ug/kg	0.50	0.14	1
1,2-Dichlorobenzene	ND		ug/kg	2.0	0.14	1
1,3-Dichlorobenzene	ND		ug/kg	2.0	0.15	1
1,4-Dichlorobenzene	ND		ug/kg	2.0	0.17	1
Methyl tert butyl ether	ND		ug/kg	2.0	0.20	1
p/m-Xylene	1.1	J	ug/kg	2.0	0.57	1
o-Xylene	0.83	J	ug/kg	1.0	0.29	1
Xylenes, Total	1.9	J	ug/kg	1.0	0.29	1
cis-1,2-Dichloroethene	ND		ug/kg	1.0	0.18	1
1,2-Dichloroethene, Total	ND		ug/kg	1.0	0.14	1
Dibromomethane	ND		ug/kg	2.0	0.24	1
Styrene	ND		ug/kg	1.0	0.20	1
Dichlorodifluoromethane	ND		ug/kg	10	0.92	1
Acetone	ND		ug/kg	10	4.9	1
Carbon disulfide	ND		ug/kg	10	4.6	1
2-Butanone	ND		ug/kg	10	2.2	1
Vinyl acetate	ND		ug/kg	10	2.2	1
4-Methyl-2-pentanone	ND		ug/kg	10	1.3	1
1,2,3-Trichloropropane	ND		ug/kg	2.0	0.13	1
2-Hexanone	ND		ug/kg	10	1.2	1
Bromochloromethane	ND		ug/kg	2.0	0.21	1
2,2-Dichloropropane	ND		ug/kg	2.0	0.20	1
1,2-Dibromoethane	ND		ug/kg	1.0	0.28	1
1,3-Dichloropropane	ND		ug/kg	2.0	0.17	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.50	0.13	1
Bromobenzene	ND		ug/kg	2.0	0.15	1
n-Butylbenzene	ND		ug/kg	1.0	0.17	1
sec-Butylbenzene	ND		ug/kg	1.0	0.15	1
tert-Butylbenzene	ND		ug/kg	2.0	0.12	1
o-Chlorotoluene	ND		ug/kg	2.0	0.19	1
p-Chlorotoluene	ND		ug/kg	2.0	0.11	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.0	1.0	1
Hexachlorobutadiene	ND		ug/kg	4.0	0.17	1
Isopropylbenzene	0.12	J	ug/kg	1.0	0.11	1
p-Isopropyltoluene	ND		ug/kg	1.0	0.11	1
Naphthalene	ND		ug/kg	4.0	0.66	1
Acrylonitrile	ND		ug/kg	4.0	1.2	1

Project Name: SUN VALLEY SITE
Project Number: 12060 / PHASE 8

Lab Number: L2353853
Report Date: 09/21/23

SAMPLE RESULTS

Lab ID: L2353853-04
Client ID: GRAB_C2(3-3.5)
Sample Location: OSSINING, NY

Date Collected: 09/14/23 12:45
Date Received: 09/14/23
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
n-Propylbenzene	0.29	J	ug/kg	1.0	0.17	1
1,2,3-Trichlorobenzene	ND		ug/kg	2.0	0.32	1
1,2,4-Trichlorobenzene	ND		ug/kg	2.0	0.28	1
1,3,5-Trimethylbenzene	0.48	J	ug/kg	2.0	0.20	1
1,2,4-Trimethylbenzene	1.4	J	ug/kg	2.0	0.34	1
1,4-Dioxane	ND		ug/kg	81	35.	1
p-Diethylbenzene	0.64	J	ug/kg	2.0	0.18	1
p-Ethyltoluene	0.98	J	ug/kg	2.0	0.39	1
1,2,4,5-Tetramethylbenzene	0.32	J	ug/kg	2.0	0.19	1
Ethyl ether	ND		ug/kg	2.0	0.34	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	5.0	1.4	1

Tentatively Identified Compounds

No Tentatively Identified Compounds ND ug/kg 1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	113		70-130
Toluene-d8	102		70-130
4-Bromofluorobenzene	92		70-130
Dibromofluoromethane	103		70-130

Project Name: SUN VALLEY SITE**Lab Number:** L2353853**Project Number:** 12060 / PHASE 8**Report Date:** 09/21/23**SAMPLE RESULTS**

Lab ID: L2353853-06
 Client ID: GRAB_D1(10.5-11)
 Sample Location: OSSINING, NY

Date Collected: 09/14/23 09:55
 Date Received: 09/14/23
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Analytical Method: 1,8260D

Analytical Date: 09/18/23 13:55

Analyst: JIC

Percent Solids: 93%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	5.2	2.4	1
1,1-Dichloroethane	ND		ug/kg	1.0	0.15	1
Chloroform	ND		ug/kg	1.5	0.14	1
Carbon tetrachloride	ND		ug/kg	1.0	0.24	1
1,2-Dichloropropane	ND		ug/kg	1.0	0.13	1
Dibromochloromethane	ND		ug/kg	1.0	0.14	1
1,1,2-Trichloroethane	ND		ug/kg	1.0	0.28	1
Tetrachloroethene	ND		ug/kg	0.52	0.20	1
Chlorobenzene	ND		ug/kg	0.52	0.13	1
Trichlorofluoromethane	ND		ug/kg	4.1	0.72	1
1,2-Dichloroethane	ND		ug/kg	1.0	0.26	1
1,1,1-Trichloroethane	ND		ug/kg	0.52	0.17	1
Bromodichloromethane	ND		ug/kg	0.52	0.11	1
trans-1,3-Dichloropropene	ND		ug/kg	1.0	0.28	1
cis-1,3-Dichloropropene	ND		ug/kg	0.52	0.16	1
1,3-Dichloropropene, Total	ND		ug/kg	0.52	0.16	1
1,1-Dichloropropene	ND		ug/kg	0.52	0.16	1
Bromoform	ND		ug/kg	4.1	0.25	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.52	0.17	1
Benzene	ND		ug/kg	0.52	0.17	1
Toluene	ND		ug/kg	1.0	0.56	1
Ethylbenzene	ND		ug/kg	1.0	0.14	1
Chloromethane	ND		ug/kg	4.1	0.96	1
Bromomethane	ND		ug/kg	2.1	0.60	1
Vinyl chloride	ND		ug/kg	1.0	0.34	1
Chloroethane	ND		ug/kg	2.1	0.47	1
1,1-Dichloroethene	ND		ug/kg	1.0	0.24	1
trans-1,2-Dichloroethene	ND		ug/kg	1.5	0.14	1

Project Name: SUN VALLEY SITE**Lab Number:** L2353853**Project Number:** 12060 / PHASE 8**Report Date:** 09/21/23**SAMPLE RESULTS**

Lab ID: L2353853-06
 Client ID: GRAB_D1(10.5-11)
 Sample Location: OSSINING, NY

Date Collected: 09/14/23 09:55
 Date Received: 09/14/23
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Trichloroethene	ND		ug/kg	0.52	0.14	1
1,2-Dichlorobenzene	ND		ug/kg	2.1	0.15	1
1,3-Dichlorobenzene	ND		ug/kg	2.1	0.15	1
1,4-Dichlorobenzene	ND		ug/kg	2.1	0.18	1
Methyl tert butyl ether	ND		ug/kg	2.1	0.21	1
p/m-Xylene	ND		ug/kg	2.1	0.58	1
o-Xylene	ND		ug/kg	1.0	0.30	1
Xylenes, Total	ND		ug/kg	1.0	0.30	1
cis-1,2-Dichloroethene	ND		ug/kg	1.0	0.18	1
1,2-Dichloroethene, Total	ND		ug/kg	1.0	0.14	1
Dibromomethane	ND		ug/kg	2.1	0.24	1
Styrene	ND		ug/kg	1.0	0.20	1
Dichlorodifluoromethane	ND		ug/kg	10	0.94	1
Acetone	ND		ug/kg	10	5.0	1
Carbon disulfide	ND		ug/kg	10	4.7	1
2-Butanone	ND		ug/kg	10	2.3	1
Vinyl acetate	ND		ug/kg	10	2.2	1
4-Methyl-2-pentanone	ND		ug/kg	10	1.3	1
1,2,3-Trichloropropane	ND		ug/kg	2.1	0.13	1
2-Hexanone	ND		ug/kg	10	1.2	1
Bromochloromethane	ND		ug/kg	2.1	0.21	1
2,2-Dichloropropane	ND		ug/kg	2.1	0.21	1
1,2-Dibromoethane	ND		ug/kg	1.0	0.29	1
1,3-Dichloropropane	ND		ug/kg	2.1	0.17	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.52	0.14	1
Bromobenzene	ND		ug/kg	2.1	0.15	1
n-Butylbenzene	ND		ug/kg	1.0	0.17	1
sec-Butylbenzene	ND		ug/kg	1.0	0.15	1
tert-Butylbenzene	ND		ug/kg	2.1	0.12	1
o-Chlorotoluene	ND		ug/kg	2.1	0.20	1
p-Chlorotoluene	ND		ug/kg	2.1	0.11	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.1	1.0	1
Hexachlorobutadiene	ND		ug/kg	4.1	0.17	1
Isopropylbenzene	ND		ug/kg	1.0	0.11	1
p-Isopropyltoluene	ND		ug/kg	1.0	0.11	1
Naphthalene	ND		ug/kg	4.1	0.67	1
Acrylonitrile	ND		ug/kg	4.1	1.2	1

Project Name: SUN VALLEY SITE**Lab Number:** L2353853**Project Number:** 12060 / PHASE 8**Report Date:** 09/21/23**SAMPLE RESULTS**

Lab ID: L2353853-06
 Client ID: GRAB_D1(10.5-11)
 Sample Location: OSSINING, NY

Date Collected: 09/14/23 09:55
 Date Received: 09/14/23
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
n-Propylbenzene	ND		ug/kg	1.0	0.18	1
1,2,3-Trichlorobenzene	ND		ug/kg	2.1	0.33	1
1,2,4-Trichlorobenzene	ND		ug/kg	2.1	0.28	1
1,3,5-Trimethylbenzene	ND		ug/kg	2.1	0.20	1
1,2,4-Trimethylbenzene	ND		ug/kg	2.1	0.34	1
1,4-Dioxane	ND		ug/kg	82	36.	1
p-Diethylbenzene	ND		ug/kg	2.1	0.18	1
p-Ethyltoluene	ND		ug/kg	2.1	0.40	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	2.1	0.20	1
Ethyl ether	ND		ug/kg	2.1	0.35	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	5.2	1.5	1

Tentatively Identified Compounds

Total TIC Compounds	7.41	J	ug/kg	1
Unknown	7.41	J	ug/kg	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	103		70-130
Toluene-d8	94		70-130
4-Bromofluorobenzene	93		70-130
Dibromofluoromethane	102		70-130

Project Name: SUN VALLEY SITE**Lab Number:** L2353853**Project Number:** 12060 / PHASE 8**Report Date:** 09/21/23**SAMPLE RESULTS**

Lab ID: L2353853-08
 Client ID: GRAB_C2(12.5-13)
 Sample Location: OSSINING, NY

Date Collected: 09/14/23 12:55
 Date Received: 09/14/23
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Analytical Method: 1,8260D

Analytical Date: 09/18/23 14:15

Analyst: JIC

Percent Solids: 92%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	4.7	2.2	1
1,1-Dichloroethane	ND		ug/kg	0.95	0.14	1
Chloroform	ND		ug/kg	1.4	0.13	1
Carbon tetrachloride	ND		ug/kg	0.95	0.22	1
1,2-Dichloropropane	ND		ug/kg	0.95	0.12	1
Dibromochloromethane	ND		ug/kg	0.95	0.13	1
1,1,2-Trichloroethane	ND		ug/kg	0.95	0.25	1
Tetrachloroethene	ND		ug/kg	0.47	0.19	1
Chlorobenzene	ND		ug/kg	0.47	0.12	1
Trichlorofluoromethane	ND		ug/kg	3.8	0.66	1
1,2-Dichloroethane	ND		ug/kg	0.95	0.24	1
1,1,1-Trichloroethane	ND		ug/kg	0.47	0.16	1
Bromodichloromethane	ND		ug/kg	0.47	0.10	1
trans-1,3-Dichloropropene	ND		ug/kg	0.95	0.26	1
cis-1,3-Dichloropropene	ND		ug/kg	0.47	0.15	1
1,3-Dichloropropene, Total	ND		ug/kg	0.47	0.15	1
1,1-Dichloropropene	ND		ug/kg	0.47	0.15	1
Bromoform	ND		ug/kg	3.8	0.23	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.47	0.16	1
Benzene	ND		ug/kg	0.47	0.16	1
Toluene	ND		ug/kg	0.95	0.52	1
Ethylbenzene	ND		ug/kg	0.95	0.13	1
Chloromethane	ND		ug/kg	3.8	0.88	1
Bromomethane	ND		ug/kg	1.9	0.55	1
Vinyl chloride	ND		ug/kg	0.95	0.32	1
Chloroethane	ND		ug/kg	1.9	0.43	1
1,1-Dichloroethene	ND		ug/kg	0.95	0.22	1
trans-1,2-Dichloroethene	ND		ug/kg	1.4	0.13	1

Project Name: SUN VALLEY SITE

Lab Number: L2353853

Project Number: 12060 / PHASE 8

Report Date: 09/21/23

SAMPLE RESULTS

Lab ID: L2353853-08
 Client ID: GRAB_C2(12.5-13)
 Sample Location: OSSINING, NY

Date Collected: 09/14/23 12:55
 Date Received: 09/14/23
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Trichloroethene	ND		ug/kg	0.47	0.13	1
1,2-Dichlorobenzene	ND		ug/kg	1.9	0.14	1
1,3-Dichlorobenzene	ND		ug/kg	1.9	0.14	1
1,4-Dichlorobenzene	ND		ug/kg	1.9	0.16	1
Methyl tert butyl ether	ND		ug/kg	1.9	0.19	1
p/m-Xylene	ND		ug/kg	1.9	0.53	1
o-Xylene	ND		ug/kg	0.95	0.28	1
Xylenes, Total	ND		ug/kg	0.95	0.28	1
cis-1,2-Dichloroethene	ND		ug/kg	0.95	0.17	1
1,2-Dichloroethene, Total	ND		ug/kg	0.95	0.13	1
Dibromomethane	ND		ug/kg	1.9	0.22	1
Styrene	ND		ug/kg	0.95	0.19	1
Dichlorodifluoromethane	ND		ug/kg	9.5	0.87	1
Acetone	8.2	J	ug/kg	9.5	4.6	1
Carbon disulfide	ND		ug/kg	9.5	4.3	1
2-Butanone	ND		ug/kg	9.5	2.1	1
Vinyl acetate	ND		ug/kg	9.5	2.0	1
4-Methyl-2-pentanone	ND		ug/kg	9.5	1.2	1
1,2,3-Trichloropropane	ND		ug/kg	1.9	0.12	1
2-Hexanone	ND		ug/kg	9.5	1.1	1
Bromochloromethane	ND		ug/kg	1.9	0.19	1
2,2-Dichloropropane	ND		ug/kg	1.9	0.19	1
1,2-Dibromoethane	ND		ug/kg	0.95	0.26	1
1,3-Dichloropropane	ND		ug/kg	1.9	0.16	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.47	0.12	1
Bromobenzene	ND		ug/kg	1.9	0.14	1
n-Butylbenzene	ND		ug/kg	0.95	0.16	1
sec-Butylbenzene	ND		ug/kg	0.95	0.14	1
tert-Butylbenzene	ND		ug/kg	1.9	0.11	1
o-Chlorotoluene	ND		ug/kg	1.9	0.18	1
p-Chlorotoluene	ND		ug/kg	1.9	0.10	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	2.8	0.95	1
Hexachlorobutadiene	ND		ug/kg	3.8	0.16	1
Isopropylbenzene	ND		ug/kg	0.95	0.10	1
p-Isopropyltoluene	ND		ug/kg	0.95	0.10	1
Naphthalene	ND		ug/kg	3.8	0.62	1
Acrylonitrile	ND		ug/kg	3.8	1.1	1

Project Name: SUN VALLEY SITE**Lab Number:** L2353853**Project Number:** 12060 / PHASE 8**Report Date:** 09/21/23**SAMPLE RESULTS**

Lab ID: L2353853-08
 Client ID: GRAB_C2(12.5-13)
 Sample Location: OSSINING, NY

Date Collected: 09/14/23 12:55
 Date Received: 09/14/23
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
n-Propylbenzene	ND		ug/kg	0.95	0.16	1
1,2,3-Trichlorobenzene	ND		ug/kg	1.9	0.30	1
1,2,4-Trichlorobenzene	ND		ug/kg	1.9	0.26	1
1,3,5-Trimethylbenzene	ND		ug/kg	1.9	0.18	1
1,2,4-Trimethylbenzene	ND		ug/kg	1.9	0.32	1
1,4-Dioxane	ND		ug/kg	76	33.	1
p-Diethylbenzene	ND		ug/kg	1.9	0.17	1
p-Ethyltoluene	ND		ug/kg	1.9	0.36	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	1.9	0.18	1
Ethyl ether	ND		ug/kg	1.9	0.32	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	4.7	1.3	1

Tentatively Identified Compounds

Total TIC Compounds	11.6	J	ug/kg	1
Unknown	6.39	J	ug/kg	1
Unknown	2.27	J	ug/kg	1
Unknown	2.98	J	ug/kg	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	105		70-130
Toluene-d8	96		70-130
4-Bromofluorobenzene	94		70-130
Dibromofluoromethane	102		70-130

Project Name: SUN VALLEY SITE
Project Number: 12060 / PHASE 8

Lab Number: L2353853
Report Date: 09/21/23

SAMPLE RESULTS

Lab ID: L2353853-10
Client ID: GRAB_D2(7.5-8)
Sample Location: OSSINING, NY

Date Collected: 09/14/23 14:45
Date Received: 09/14/23
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 09/18/23 14:36
Analyst: JIC
Percent Solids: 91%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	4.2	1.9	1
1,1-Dichloroethane	ND		ug/kg	0.84	0.12	1
Chloroform	ND		ug/kg	1.2	0.12	1
Carbon tetrachloride	ND		ug/kg	0.84	0.19	1
1,2-Dichloropropane	ND		ug/kg	0.84	0.10	1
Dibromochloromethane	ND		ug/kg	0.84	0.12	1
1,1,2-Trichloroethane	ND		ug/kg	0.84	0.22	1
Tetrachloroethene	ND		ug/kg	0.42	0.16	1
Chlorobenzene	ND		ug/kg	0.42	0.11	1
Trichlorofluoromethane	ND		ug/kg	3.3	0.58	1
1,2-Dichloroethane	ND		ug/kg	0.84	0.21	1
1,1,1-Trichloroethane	ND		ug/kg	0.42	0.14	1
Bromodichloromethane	ND		ug/kg	0.42	0.09	1
trans-1,3-Dichloropropene	ND		ug/kg	0.84	0.23	1
cis-1,3-Dichloropropene	ND		ug/kg	0.42	0.13	1
1,3-Dichloropropene, Total	ND		ug/kg	0.42	0.13	1
1,1-Dichloropropene	ND		ug/kg	0.42	0.13	1
Bromoform	ND		ug/kg	3.3	0.20	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.42	0.14	1
Benzene	ND		ug/kg	0.42	0.14	1
Toluene	0.50	J	ug/kg	0.84	0.45	1
Ethylbenzene	ND		ug/kg	0.84	0.12	1
Chloromethane	ND		ug/kg	3.3	0.78	1
Bromomethane	ND		ug/kg	1.7	0.49	1
Vinyl chloride	ND		ug/kg	0.84	0.28	1
Chloroethane	ND		ug/kg	1.7	0.38	1
1,1-Dichloroethene	ND		ug/kg	0.84	0.20	1
trans-1,2-Dichloroethene	ND		ug/kg	1.2	0.11	1

Project Name: SUN VALLEY SITE**Lab Number:** L2353853**Project Number:** 12060 / PHASE 8**Report Date:** 09/21/23**SAMPLE RESULTS**

Lab ID: L2353853-10
 Client ID: GRAB_D2(7.5-8)
 Sample Location: OSSINING, NY

Date Collected: 09/14/23 14:45
 Date Received: 09/14/23
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Trichloroethene	ND		ug/kg	0.42	0.11	1
1,2-Dichlorobenzene	ND		ug/kg	1.7	0.12	1
1,3-Dichlorobenzene	ND		ug/kg	1.7	0.12	1
1,4-Dichlorobenzene	ND		ug/kg	1.7	0.14	1
Methyl tert butyl ether	0.91	J	ug/kg	1.7	0.17	1
p/m-Xylene	ND		ug/kg	1.7	0.47	1
o-Xylene	ND		ug/kg	0.84	0.24	1
Xylenes, Total	ND		ug/kg	0.84	0.24	1
cis-1,2-Dichloroethene	ND		ug/kg	0.84	0.15	1
1,2-Dichloroethene, Total	ND		ug/kg	0.84	0.11	1
Dibromomethane	ND		ug/kg	1.7	0.20	1
Styrene	ND		ug/kg	0.84	0.16	1
Dichlorodifluoromethane	ND		ug/kg	8.4	0.76	1
Acetone	9.1		ug/kg	8.4	4.0	1
Carbon disulfide	ND		ug/kg	8.4	3.8	1
2-Butanone	2.3	J	ug/kg	8.4	1.8	1
Vinyl acetate	ND		ug/kg	8.4	1.8	1
4-Methyl-2-pentanone	ND		ug/kg	8.4	1.1	1
1,2,3-Trichloropropane	ND		ug/kg	1.7	0.11	1
2-Hexanone	ND		ug/kg	8.4	0.99	1
Bromochloromethane	ND		ug/kg	1.7	0.17	1
2,2-Dichloropropane	ND		ug/kg	1.7	0.17	1
1,2-Dibromoethane	ND		ug/kg	0.84	0.23	1
1,3-Dichloropropane	ND		ug/kg	1.7	0.14	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.42	0.11	1
Bromobenzene	ND		ug/kg	1.7	0.12	1
n-Butylbenzene	ND		ug/kg	0.84	0.14	1
sec-Butylbenzene	ND		ug/kg	0.84	0.12	1
tert-Butylbenzene	ND		ug/kg	1.7	0.10	1
o-Chlorotoluene	ND		ug/kg	1.7	0.16	1
p-Chlorotoluene	ND		ug/kg	1.7	0.09	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	2.5	0.83	1
Hexachlorobutadiene	ND		ug/kg	3.3	0.14	1
Isopropylbenzene	ND		ug/kg	0.84	0.09	1
p-Isopropyltoluene	ND		ug/kg	0.84	0.09	1
Naphthalene	ND		ug/kg	3.3	0.54	1
Acrylonitrile	ND		ug/kg	3.3	0.96	1

Project Name: SUN VALLEY SITE
Project Number: 12060 / PHASE 8

Lab Number: L2353853
Report Date: 09/21/23

SAMPLE RESULTS

Lab ID: L2353853-10
Client ID: GRAB_D2(7.5-8)
Sample Location: OSSINING, NY

Date Collected: 09/14/23 14:45
Date Received: 09/14/23
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
n-Propylbenzene	ND		ug/kg	0.84	0.14	1
1,2,3-Trichlorobenzene	ND		ug/kg	1.7	0.27	1
1,2,4-Trichlorobenzene	ND		ug/kg	1.7	0.23	1
1,3,5-Trimethylbenzene	ND		ug/kg	1.7	0.16	1
1,2,4-Trimethylbenzene	ND		ug/kg	1.7	0.28	1
1,4-Dioxane	ND		ug/kg	67	29.	1
p-Diethylbenzene	ND		ug/kg	1.7	0.15	1
p-Ethyltoluene	ND		ug/kg	1.7	0.32	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	1.7	0.16	1
Ethyl ether	ND		ug/kg	1.7	0.28	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	4.2	1.2	1

Tentatively Identified Compounds

Total TIC Compounds	8.65	J	ug/kg	1
Unknown	6.93	J	ug/kg	1
Unknown	1.72	J	ug/kg	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	103		70-130
Toluene-d8	93		70-130
4-Bromofluorobenzene	94		70-130
Dibromofluoromethane	104		70-130

Project Name: SUN VALLEY SITE
Project Number: 12060 / PHASE 8

Lab Number: L2353853
Report Date: 09/21/23

SAMPLE RESULTS

Lab ID: L2353853-12
Client ID: GRAB_D2(2.5-3)
Sample Location: OSSINING, NY

Date Collected: 09/14/23 14:45
Date Received: 09/14/23
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 09/18/23 14:57
Analyst: JIC
Percent Solids: 91%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	4.7	2.2	1
1,1-Dichloroethane	ND		ug/kg	0.94	0.14	1
Chloroform	ND		ug/kg	1.4	0.13	1
Carbon tetrachloride	ND		ug/kg	0.94	0.22	1
1,2-Dichloropropane	ND		ug/kg	0.94	0.12	1
Dibromochloromethane	ND		ug/kg	0.94	0.13	1
1,1,2-Trichloroethane	ND		ug/kg	0.94	0.25	1
Tetrachloroethene	ND		ug/kg	0.47	0.18	1
Chlorobenzene	ND		ug/kg	0.47	0.12	1
Trichlorofluoromethane	ND		ug/kg	3.8	0.66	1
1,2-Dichloroethane	ND		ug/kg	0.94	0.24	1
1,1,1-Trichloroethane	ND		ug/kg	0.47	0.16	1
Bromodichloromethane	ND		ug/kg	0.47	0.10	1
trans-1,3-Dichloropropene	ND		ug/kg	0.94	0.26	1
cis-1,3-Dichloropropene	ND		ug/kg	0.47	0.15	1
1,3-Dichloropropene, Total	ND		ug/kg	0.47	0.15	1
1,1-Dichloropropene	ND		ug/kg	0.47	0.15	1
Bromoform	ND		ug/kg	3.8	0.23	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.47	0.16	1
Benzene	ND		ug/kg	0.47	0.16	1
Toluene	ND		ug/kg	0.94	0.51	1
Ethylbenzene	ND		ug/kg	0.94	0.13	1
Chloromethane	ND		ug/kg	3.8	0.88	1
Bromomethane	ND		ug/kg	1.9	0.55	1
Vinyl chloride	ND		ug/kg	0.94	0.32	1
Chloroethane	ND		ug/kg	1.9	0.42	1
1,1-Dichloroethene	ND		ug/kg	0.94	0.22	1
trans-1,2-Dichloroethene	ND		ug/kg	1.4	0.13	1

Project Name: SUN VALLEY SITE

Lab Number: L2353853

Project Number: 12060 / PHASE 8

Report Date: 09/21/23

SAMPLE RESULTS

Lab ID: L2353853-12
 Client ID: GRAB_D2(2.5-3)
 Sample Location: OSSINING, NY

Date Collected: 09/14/23 14:45
 Date Received: 09/14/23
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Trichloroethene	ND		ug/kg	0.47	0.13	1
1,2-Dichlorobenzene	ND		ug/kg	1.9	0.14	1
1,3-Dichlorobenzene	ND		ug/kg	1.9	0.14	1
1,4-Dichlorobenzene	ND		ug/kg	1.9	0.16	1
Methyl tert butyl ether	0.46	J	ug/kg	1.9	0.19	1
p/m-Xylene	ND		ug/kg	1.9	0.53	1
o-Xylene	ND		ug/kg	0.94	0.27	1
Xylenes, Total	ND		ug/kg	0.94	0.27	1
cis-1,2-Dichloroethene	ND		ug/kg	0.94	0.16	1
1,2-Dichloroethene, Total	ND		ug/kg	0.94	0.13	1
Dibromomethane	ND		ug/kg	1.9	0.22	1
Styrene	ND		ug/kg	0.94	0.18	1
Dichlorodifluoromethane	ND		ug/kg	9.4	0.86	1
Acetone	9.7		ug/kg	9.4	4.5	1
Carbon disulfide	ND		ug/kg	9.4	4.3	1
2-Butanone	ND		ug/kg	9.4	2.1	1
Vinyl acetate	ND		ug/kg	9.4	2.0	1
4-Methyl-2-pentanone	ND		ug/kg	9.4	1.2	1
1,2,3-Trichloropropane	ND		ug/kg	1.9	0.12	1
2-Hexanone	ND		ug/kg	9.4	1.1	1
Bromochloromethane	ND		ug/kg	1.9	0.19	1
2,2-Dichloropropane	ND		ug/kg	1.9	0.19	1
1,2-Dibromoethane	ND		ug/kg	0.94	0.26	1
1,3-Dichloropropane	ND		ug/kg	1.9	0.16	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.47	0.12	1
Bromobenzene	ND		ug/kg	1.9	0.14	1
n-Butylbenzene	ND		ug/kg	0.94	0.16	1
sec-Butylbenzene	ND		ug/kg	0.94	0.14	1
tert-Butylbenzene	ND		ug/kg	1.9	0.11	1
o-Chlorotoluene	ND		ug/kg	1.9	0.18	1
p-Chlorotoluene	ND		ug/kg	1.9	0.10	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	2.8	0.94	1
Hexachlorobutadiene	ND		ug/kg	3.8	0.16	1
Isopropylbenzene	ND		ug/kg	0.94	0.10	1
p-Isopropyltoluene	ND		ug/kg	0.94	0.10	1
Naphthalene	ND		ug/kg	3.8	0.61	1
Acrylonitrile	ND		ug/kg	3.8	1.1	1

Project Name: SUN VALLEY SITE
Project Number: 12060 / PHASE 8

Lab Number: L2353853
Report Date: 09/21/23

SAMPLE RESULTS

Lab ID: L2353853-12
Client ID: GRAB_D2(2.5-3)
Sample Location: OSSINING, NY

Date Collected: 09/14/23 14:45
Date Received: 09/14/23
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
n-Propylbenzene	ND		ug/kg	0.94	0.16	1
1,2,3-Trichlorobenzene	ND		ug/kg	1.9	0.30	1
1,2,4-Trichlorobenzene	ND		ug/kg	1.9	0.26	1
1,3,5-Trimethylbenzene	ND		ug/kg	1.9	0.18	1
1,2,4-Trimethylbenzene	ND		ug/kg	1.9	0.31	1
1,4-Dioxane	ND		ug/kg	75	33.	1
p-Diethylbenzene	ND		ug/kg	1.9	0.17	1
p-Ethyltoluene	ND		ug/kg	1.9	0.36	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	1.9	0.18	1
Ethyl ether	ND		ug/kg	1.9	0.32	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	4.7	1.3	1

Tentatively Identified Compounds

Total TIC Compounds	8.08	J	ug/kg	1
Unknown	8.08	J	ug/kg	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	104		70-130
Toluene-d8	95		70-130
4-Bromofluorobenzene	93		70-130
Dibromofluoromethane	106		70-130

Project Name: SUN VALLEY SITE
Project Number: 12060 / PHASE 8

Lab Number: L2353853
Report Date: 09/21/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 09/18/23 10:55
Analyst: AJK

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 High - Westborough Lab for sample(s): 02 Batch: WG1829202-5					
Methylene chloride	ND		ug/kg	250	110
1,1-Dichloroethane	ND		ug/kg	50	7.2
Chloroform	ND		ug/kg	75	7.0
Carbon tetrachloride	ND		ug/kg	50	12.
1,2-Dichloropropane	ND		ug/kg	50	6.2
Dibromochloromethane	ND		ug/kg	50	7.0
1,1,2-Trichloroethane	ND		ug/kg	50	13.
Tetrachloroethene	ND		ug/kg	25	9.8
Chlorobenzene	ND		ug/kg	25	6.4
Trichlorofluoromethane	ND		ug/kg	200	35.
1,2-Dichloroethane	ND		ug/kg	50	13.
1,1,1-Trichloroethane	ND		ug/kg	25	8.4
Bromodichloromethane	ND		ug/kg	25	5.4
trans-1,3-Dichloropropene	ND		ug/kg	50	14.
cis-1,3-Dichloropropene	ND		ug/kg	25	7.9
1,3-Dichloropropene, Total	ND		ug/kg	25	7.9
1,1-Dichloropropene	ND		ug/kg	25	8.0
Bromoform	ND		ug/kg	200	12.
1,1,2,2-Tetrachloroethane	ND		ug/kg	25	8.3
Benzene	ND		ug/kg	25	8.3
Toluene	ND		ug/kg	50	27.
Ethylbenzene	ND		ug/kg	50	7.0
Chloromethane	ND		ug/kg	200	47.
Bromomethane	ND		ug/kg	100	29.
Vinyl chloride	ND		ug/kg	50	17.
Chloroethane	ND		ug/kg	100	23.
1,1-Dichloroethene	ND		ug/kg	50	12.
trans-1,2-Dichloroethene	ND		ug/kg	75	6.8
Trichloroethene	ND		ug/kg	25	6.8

Project Name: SUN VALLEY SITE
Project Number: 12060 / PHASE 8

Lab Number: L2353853
Report Date: 09/21/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 09/18/23 10:55
Analyst: AJK

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 High - Westborough Lab for sample(s): 02 Batch: WG1829202-5					
1,2-Dichlorobenzene	ND		ug/kg	100	7.2
1,3-Dichlorobenzene	ND		ug/kg	100	7.4
1,4-Dichlorobenzene	ND		ug/kg	100	8.6
Methyl tert butyl ether	ND		ug/kg	100	10.
p/m-Xylene	ND		ug/kg	100	28.
o-Xylene	ND		ug/kg	50	14.
Xylenes, Total	ND		ug/kg	50	14.
cis-1,2-Dichloroethene	ND		ug/kg	50	8.8
1,2-Dichloroethene, Total	ND		ug/kg	50	6.8
Dibromomethane	ND		ug/kg	100	12.
Styrene	ND		ug/kg	50	9.8
Dichlorodifluoromethane	ND		ug/kg	500	46.
Acetone	ND		ug/kg	500	240
Carbon disulfide	ND		ug/kg	500	230
2-Butanone	ND		ug/kg	500	110
Vinyl acetate	ND		ug/kg	500	110
4-Methyl-2-pentanone	ND		ug/kg	500	64.
1,2,3-Trichloropropane	ND		ug/kg	100	6.4
2-Hexanone	ND		ug/kg	500	59.
Bromochloromethane	ND		ug/kg	100	10.
2,2-Dichloropropane	ND		ug/kg	100	10.
1,2-Dibromoethane	ND		ug/kg	50	14.
1,3-Dichloropropane	ND		ug/kg	100	8.4
1,1,1,2-Tetrachloroethane	ND		ug/kg	25	6.6
Bromobenzene	ND		ug/kg	100	7.2
n-Butylbenzene	ND		ug/kg	50	8.4
sec-Butylbenzene	ND		ug/kg	50	7.3
tert-Butylbenzene	ND		ug/kg	100	5.9
o-Chlorotoluene	ND		ug/kg	100	9.6

Project Name: SUN VALLEY SITE
Project Number: 12060 / PHASE 8

Lab Number: L2353853
Report Date: 09/21/23

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8260D
 Analytical Date: 09/18/23 10:55
 Analyst: AJK

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 High - Westborough Lab for sample(s): 02 Batch: WG1829202-5					
p-Chlorotoluene	ND		ug/kg	100	5.4
1,2-Dibromo-3-chloropropane	ND		ug/kg	150	50.
Hexachlorobutadiene	ND		ug/kg	200	8.4
Isopropylbenzene	ND		ug/kg	50	5.4
p-Isopropyltoluene	ND		ug/kg	50	5.4
Naphthalene	ND		ug/kg	200	32.
Acrylonitrile	ND		ug/kg	200	58.
n-Propylbenzene	ND		ug/kg	50	8.6
1,2,3-Trichlorobenzene	ND		ug/kg	100	16.
1,2,4-Trichlorobenzene	ND		ug/kg	100	14.
1,3,5-Trimethylbenzene	ND		ug/kg	100	9.6
1,2,4-Trimethylbenzene	ND		ug/kg	100	17.
1,4-Dioxane	ND		ug/kg	4000	1800
p-Diethylbenzene	ND		ug/kg	100	8.8
p-Ethyltoluene	ND		ug/kg	100	19.
1,2,4,5-Tetramethylbenzene	ND		ug/kg	100	9.6
Ethyl ether	ND		ug/kg	100	17.
trans-1,4-Dichloro-2-butene	ND		ug/kg	250	71.

Tentatively Identified Compounds

Total TIC Compounds	343	J	ug/kg
Unknown	343	J	ug/kg

Project Name: SUN VALLEY SITE
Project Number: 12060 / PHASE 8

Lab Number: L2353853
Report Date: 09/21/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
 Analytical Date: 09/18/23 10:55
 Analyst: AJK

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 High - Westborough Lab for sample(s): 02 Batch: WG1829202-5					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	100		70-130
Toluene-d8	95		70-130
4-Bromofluorobenzene	92		70-130
Dibromofluoromethane	101		70-130

Project Name: SUN VALLEY SITE
Project Number: 12060 / PHASE 8

Lab Number: L2353853
Report Date: 09/21/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 09/18/23 10:55
Analyst: AJK

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 06,08,10,12 Batch: WG1829203-5					
Methylene chloride	ND		ug/kg	5.0	2.3
1,1-Dichloroethane	ND		ug/kg	1.0	0.14
Chloroform	ND		ug/kg	1.5	0.14
Carbon tetrachloride	ND		ug/kg	1.0	0.23
1,2-Dichloropropane	ND		ug/kg	1.0	0.12
Dibromochloromethane	ND		ug/kg	1.0	0.14
1,1,2-Trichloroethane	ND		ug/kg	1.0	0.27
Tetrachloroethene	ND		ug/kg	0.50	0.20
Chlorobenzene	ND		ug/kg	0.50	0.13
Trichlorofluoromethane	ND		ug/kg	4.0	0.70
1,2-Dichloroethane	ND		ug/kg	1.0	0.26
1,1,1-Trichloroethane	ND		ug/kg	0.50	0.17
Bromodichloromethane	ND		ug/kg	0.50	0.11
trans-1,3-Dichloropropene	ND		ug/kg	1.0	0.27
cis-1,3-Dichloropropene	ND		ug/kg	0.50	0.16
1,3-Dichloropropene, Total	ND		ug/kg	0.50	0.16
1,1-Dichloropropene	ND		ug/kg	0.50	0.16
Bromoform	ND		ug/kg	4.0	0.25
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.50	0.17
Benzene	ND		ug/kg	0.50	0.17
Toluene	ND		ug/kg	1.0	0.54
Ethylbenzene	ND		ug/kg	1.0	0.14
Chloromethane	ND		ug/kg	4.0	0.93
Bromomethane	ND		ug/kg	2.0	0.58
Vinyl chloride	ND		ug/kg	1.0	0.34
Chloroethane	ND		ug/kg	2.0	0.45
1,1-Dichloroethene	ND		ug/kg	1.0	0.24
trans-1,2-Dichloroethene	ND		ug/kg	1.5	0.14
Trichloroethene	ND		ug/kg	0.50	0.14

Project Name: SUN VALLEY SITE
Project Number: 12060 / PHASE 8

Lab Number: L2353853
Report Date: 09/21/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 09/18/23 10:55
Analyst: AJK

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 06,08,10,12 Batch: WG1829203-5					
1,2-Dichlorobenzene	ND		ug/kg	2.0	0.14
1,3-Dichlorobenzene	ND		ug/kg	2.0	0.15
1,4-Dichlorobenzene	ND		ug/kg	2.0	0.17
Methyl tert butyl ether	ND		ug/kg	2.0	0.20
p/m-Xylene	ND		ug/kg	2.0	0.56
o-Xylene	ND		ug/kg	1.0	0.29
Xylenes, Total	ND		ug/kg	1.0	0.29
cis-1,2-Dichloroethene	ND		ug/kg	1.0	0.18
1,2-Dichloroethene, Total	ND		ug/kg	1.0	0.14
Dibromomethane	ND		ug/kg	2.0	0.24
Styrene	ND		ug/kg	1.0	0.20
Dichlorodifluoromethane	ND		ug/kg	10	0.92
Acetone	ND		ug/kg	10	4.8
Carbon disulfide	ND		ug/kg	10	4.6
2-Butanone	ND		ug/kg	10	2.2
Vinyl acetate	ND		ug/kg	10	2.2
4-Methyl-2-pentanone	ND		ug/kg	10	1.3
1,2,3-Trichloropropane	ND		ug/kg	2.0	0.13
2-Hexanone	ND		ug/kg	10	1.2
Bromochloromethane	ND		ug/kg	2.0	0.20
2,2-Dichloropropane	ND		ug/kg	2.0	0.20
1,2-Dibromoethane	ND		ug/kg	1.0	0.28
1,3-Dichloropropane	ND		ug/kg	2.0	0.17
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.50	0.13
Bromobenzene	ND		ug/kg	2.0	0.14
n-Butylbenzene	ND		ug/kg	1.0	0.17
sec-Butylbenzene	ND		ug/kg	1.0	0.15
tert-Butylbenzene	ND		ug/kg	2.0	0.12
o-Chlorotoluene	ND		ug/kg	2.0	0.19

Project Name: SUN VALLEY SITE
Project Number: 12060 / PHASE 8

Lab Number: L2353853
Report Date: 09/21/23

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 09/18/23 10:55
Analyst: AJK

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 06,08,10,12 Batch: WG1829203-5					
p-Chlorotoluene	ND		ug/kg	2.0	0.11
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.0	1.0
Hexachlorobutadiene	ND		ug/kg	4.0	0.17
Isopropylbenzene	ND		ug/kg	1.0	0.11
p-Isopropyltoluene	ND		ug/kg	1.0	0.11
Naphthalene	ND		ug/kg	4.0	0.65
Acrylonitrile	ND		ug/kg	4.0	1.2
n-Propylbenzene	ND		ug/kg	1.0	0.17
1,2,3-Trichlorobenzene	ND		ug/kg	2.0	0.32
1,2,4-Trichlorobenzene	ND		ug/kg	2.0	0.27
1,3,5-Trimethylbenzene	ND		ug/kg	2.0	0.19
1,2,4-Trimethylbenzene	ND		ug/kg	2.0	0.33
1,4-Dioxane	ND		ug/kg	80	35.
p-Diethylbenzene	ND		ug/kg	2.0	0.18
p-Ethyltoluene	ND		ug/kg	2.0	0.38
1,2,4,5-Tetramethylbenzene	ND		ug/kg	2.0	0.19
Ethyl ether	ND		ug/kg	2.0	0.34
trans-1,4-Dichloro-2-butene	ND		ug/kg	5.0	1.4

Tentatively Identified Compounds

Total TIC Compounds	6.86	J	ug/kg
Unknown	6.86	J	ug/kg

Project Name: SUN VALLEY SITE
Project Number: 12060 / PHASE 8

Lab Number: L2353853
Report Date: 09/21/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
 Analytical Date: 09/18/23 10:55
 Analyst: AJK

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 06,08,10,12 Batch: WG1829203-5					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	101		70-130
Toluene-d8	95		70-130
4-Bromofluorobenzene	92		70-130
Dibromofluoromethane	101		70-130

Project Name: SUN VALLEY SITE
Project Number: 12060 / PHASE 8

Lab Number: L2353853
Report Date: 09/21/23

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8260D
 Analytical Date: 09/19/23 09:21
 Analyst: AJK

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 02 Batch: WG1829788-5					
Methylene chloride	ND		ug/kg	5.0	2.3
1,1-Dichloroethane	ND		ug/kg	1.0	0.14
Chloroform	ND		ug/kg	1.5	0.14
Carbon tetrachloride	ND		ug/kg	1.0	0.23
1,2-Dichloropropane	ND		ug/kg	1.0	0.12
Dibromochloromethane	ND		ug/kg	1.0	0.14
1,1,2-Trichloroethane	ND		ug/kg	1.0	0.27
Tetrachloroethene	ND		ug/kg	0.50	0.20
Chlorobenzene	ND		ug/kg	0.50	0.13
Trichlorofluoromethane	ND		ug/kg	4.0	0.70
1,2-Dichloroethane	ND		ug/kg	1.0	0.26
1,1,1-Trichloroethane	ND		ug/kg	0.50	0.17
Bromodichloromethane	ND		ug/kg	0.50	0.11
trans-1,3-Dichloropropene	ND		ug/kg	1.0	0.27
cis-1,3-Dichloropropene	ND		ug/kg	0.50	0.16
1,3-Dichloropropene, Total	ND		ug/kg	0.50	0.16
1,1-Dichloropropene	ND		ug/kg	0.50	0.16
Bromoform	ND		ug/kg	4.0	0.25
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.50	0.17
Benzene	ND		ug/kg	0.50	0.17
Toluene	ND		ug/kg	1.0	0.54
Ethylbenzene	ND		ug/kg	1.0	0.14
Chloromethane	ND		ug/kg	4.0	0.93
Bromomethane	ND		ug/kg	2.0	0.58
Vinyl chloride	ND		ug/kg	1.0	0.34
Chloroethane	ND		ug/kg	2.0	0.45
1,1-Dichloroethene	ND		ug/kg	1.0	0.24
trans-1,2-Dichloroethene	ND		ug/kg	1.5	0.14
Trichloroethene	ND		ug/kg	0.50	0.14

Project Name: SUN VALLEY SITE
Project Number: 12060 / PHASE 8

Lab Number: L2353853
Report Date: 09/21/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 09/19/23 09:21
Analyst: AJK

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 02 Batch: WG1829788-5					
1,2-Dichlorobenzene	ND		ug/kg	2.0	0.14
1,3-Dichlorobenzene	ND		ug/kg	2.0	0.15
1,4-Dichlorobenzene	ND		ug/kg	2.0	0.17
Methyl tert butyl ether	ND		ug/kg	2.0	0.20
p/m-Xylene	ND		ug/kg	2.0	0.56
o-Xylene	ND		ug/kg	1.0	0.29
Xylenes, Total	ND		ug/kg	1.0	0.29
cis-1,2-Dichloroethene	ND		ug/kg	1.0	0.18
1,2-Dichloroethene, Total	ND		ug/kg	1.0	0.14
Dibromomethane	ND		ug/kg	2.0	0.24
Styrene	ND		ug/kg	1.0	0.20
Dichlorodifluoromethane	ND		ug/kg	10	0.92
Acetone	ND		ug/kg	10	4.8
Carbon disulfide	ND		ug/kg	10	4.6
2-Butanone	ND		ug/kg	10	2.2
Vinyl acetate	ND		ug/kg	10	2.2
4-Methyl-2-pentanone	ND		ug/kg	10	1.3
1,2,3-Trichloropropane	ND		ug/kg	2.0	0.13
2-Hexanone	ND		ug/kg	10	1.2
Bromochloromethane	ND		ug/kg	2.0	0.20
2,2-Dichloropropane	ND		ug/kg	2.0	0.20
1,2-Dibromoethane	ND		ug/kg	1.0	0.28
1,3-Dichloropropane	ND		ug/kg	2.0	0.17
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.50	0.13
Bromobenzene	ND		ug/kg	2.0	0.14
n-Butylbenzene	ND		ug/kg	1.0	0.17
sec-Butylbenzene	ND		ug/kg	1.0	0.15
tert-Butylbenzene	ND		ug/kg	2.0	0.12
o-Chlorotoluene	ND		ug/kg	2.0	0.19

Project Name: SUN VALLEY SITE
Project Number: 12060 / PHASE 8

Lab Number: L2353853
Report Date: 09/21/23

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8260D
 Analytical Date: 09/19/23 09:21
 Analyst: AJK

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 02 Batch: WG1829788-5					
p-Chlorotoluene	ND		ug/kg	2.0	0.11
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.0	1.0
Hexachlorobutadiene	ND		ug/kg	4.0	0.17
Isopropylbenzene	ND		ug/kg	1.0	0.11
p-Isopropyltoluene	ND		ug/kg	1.0	0.11
Naphthalene	ND		ug/kg	4.0	0.65
Acrylonitrile	ND		ug/kg	4.0	1.2
n-Propylbenzene	ND		ug/kg	1.0	0.17
1,2,3-Trichlorobenzene	ND		ug/kg	2.0	0.32
1,2,4-Trichlorobenzene	ND		ug/kg	2.0	0.27
1,3,5-Trimethylbenzene	ND		ug/kg	2.0	0.19
1,2,4-Trimethylbenzene	ND		ug/kg	2.0	0.33
1,4-Dioxane	ND		ug/kg	80	35.
p-Diethylbenzene	ND		ug/kg	2.0	0.18
p-Ethyltoluene	ND		ug/kg	2.0	0.38
1,2,4,5-Tetramethylbenzene	ND		ug/kg	2.0	0.19
Ethyl ether	ND		ug/kg	2.0	0.34
trans-1,4-Dichloro-2-butene	ND		ug/kg	5.0	1.4

Tentatively Identified Compounds

No Tentatively Identified Compounds ND ug/kg

Project Name: SUN VALLEY SITE
Project Number: 12060 / PHASE 8

Lab Number: L2353853
Report Date: 09/21/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 09/19/23 09:21
Analyst: AJK

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 02 Batch: WG1829788-5					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	92		70-130
Toluene-d8	101		70-130
4-Bromofluorobenzene	106		70-130
Dibromofluoromethane	87		70-130

Project Name: SUN VALLEY SITE
Project Number: 12060 / PHASE 8

Lab Number: L2353853
Report Date: 09/21/23

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8260D
 Analytical Date: 09/19/23 12:45
 Analyst: JIC

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 04 Batch: WG1829798-5					
Methylene chloride	ND		ug/kg	5.0	2.3
1,1-Dichloroethane	ND		ug/kg	1.0	0.14
Chloroform	ND		ug/kg	1.5	0.14
Carbon tetrachloride	ND		ug/kg	1.0	0.23
1,2-Dichloropropane	ND		ug/kg	1.0	0.12
Dibromochloromethane	ND		ug/kg	1.0	0.14
1,1,2-Trichloroethane	ND		ug/kg	1.0	0.27
Tetrachloroethene	ND		ug/kg	0.50	0.20
Chlorobenzene	ND		ug/kg	0.50	0.13
Trichlorofluoromethane	ND		ug/kg	4.0	0.70
1,2-Dichloroethane	ND		ug/kg	1.0	0.26
1,1,1-Trichloroethane	ND		ug/kg	0.50	0.17
Bromodichloromethane	ND		ug/kg	0.50	0.11
trans-1,3-Dichloropropene	ND		ug/kg	1.0	0.27
cis-1,3-Dichloropropene	ND		ug/kg	0.50	0.16
1,3-Dichloropropene, Total	ND		ug/kg	0.50	0.16
1,1-Dichloropropene	ND		ug/kg	0.50	0.16
Bromoform	ND		ug/kg	4.0	0.25
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.50	0.17
Benzene	ND		ug/kg	0.50	0.17
Toluene	ND		ug/kg	1.0	0.54
Ethylbenzene	ND		ug/kg	1.0	0.14
Chloromethane	ND		ug/kg	4.0	0.93
Bromomethane	ND		ug/kg	2.0	0.58
Vinyl chloride	ND		ug/kg	1.0	0.34
Chloroethane	ND		ug/kg	2.0	0.45
1,1-Dichloroethene	ND		ug/kg	1.0	0.24
trans-1,2-Dichloroethene	ND		ug/kg	1.5	0.14
Trichloroethene	ND		ug/kg	0.50	0.14

Project Name: SUN VALLEY SITE
Project Number: 12060 / PHASE 8

Lab Number: L2353853
Report Date: 09/21/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 09/19/23 12:45
Analyst: JIC

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 04 Batch: WG1829798-5					
1,2-Dichlorobenzene	ND		ug/kg	2.0	0.14
1,3-Dichlorobenzene	ND		ug/kg	2.0	0.15
1,4-Dichlorobenzene	ND		ug/kg	2.0	0.17
Methyl tert butyl ether	ND		ug/kg	2.0	0.20
p/m-Xylene	ND		ug/kg	2.0	0.56
o-Xylene	ND		ug/kg	1.0	0.29
Xylenes, Total	ND		ug/kg	1.0	0.29
cis-1,2-Dichloroethene	ND		ug/kg	1.0	0.18
1,2-Dichloroethene, Total	ND		ug/kg	1.0	0.14
Dibromomethane	ND		ug/kg	2.0	0.24
Styrene	ND		ug/kg	1.0	0.20
Dichlorodifluoromethane	ND		ug/kg	10	0.92
Acetone	ND		ug/kg	10	4.8
Carbon disulfide	ND		ug/kg	10	4.6
2-Butanone	ND		ug/kg	10	2.2
Vinyl acetate	ND		ug/kg	10	2.2
4-Methyl-2-pentanone	ND		ug/kg	10	1.3
1,2,3-Trichloropropane	ND		ug/kg	2.0	0.13
2-Hexanone	ND		ug/kg	10	1.2
Bromochloromethane	ND		ug/kg	2.0	0.20
2,2-Dichloropropane	ND		ug/kg	2.0	0.20
1,2-Dibromoethane	ND		ug/kg	1.0	0.28
1,3-Dichloropropane	ND		ug/kg	2.0	0.17
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.50	0.13
Bromobenzene	ND		ug/kg	2.0	0.14
n-Butylbenzene	ND		ug/kg	1.0	0.17
sec-Butylbenzene	ND		ug/kg	1.0	0.15
tert-Butylbenzene	ND		ug/kg	2.0	0.12
o-Chlorotoluene	ND		ug/kg	2.0	0.19

Project Name: SUN VALLEY SITE
Project Number: 12060 / PHASE 8

Lab Number: L2353853
Report Date: 09/21/23

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8260D
 Analytical Date: 09/19/23 12:45
 Analyst: JIC

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 04 Batch: WG1829798-5					
p-Chlorotoluene	ND		ug/kg	2.0	0.11
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.0	1.0
Hexachlorobutadiene	ND		ug/kg	4.0	0.17
Isopropylbenzene	ND		ug/kg	1.0	0.11
p-Isopropyltoluene	ND		ug/kg	1.0	0.11
Naphthalene	ND		ug/kg	4.0	0.65
Acrylonitrile	ND		ug/kg	4.0	1.2
n-Propylbenzene	ND		ug/kg	1.0	0.17
1,2,3-Trichlorobenzene	ND		ug/kg	2.0	0.32
1,2,4-Trichlorobenzene	ND		ug/kg	2.0	0.27
1,3,5-Trimethylbenzene	ND		ug/kg	2.0	0.19
1,2,4-Trimethylbenzene	ND		ug/kg	2.0	0.33
1,4-Dioxane	ND		ug/kg	80	35.
p-Diethylbenzene	ND		ug/kg	2.0	0.18
p-Ethyltoluene	ND		ug/kg	2.0	0.38
1,2,4,5-Tetramethylbenzene	ND		ug/kg	2.0	0.19
Ethyl ether	ND		ug/kg	2.0	0.34
trans-1,4-Dichloro-2-butene	ND		ug/kg	5.0	1.4

Tentatively Identified Compounds

Total TIC Compounds	2.31	J	ug/kg
Unknown	2.31	J	ug/kg

Project Name: SUN VALLEY SITE
Project Number: 12060 / PHASE 8

Lab Number: L2353853
Report Date: 09/21/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 09/19/23 12:45
Analyst: JIC

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 04 Batch: WG1829798-5					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	108		70-130
Toluene-d8	102		70-130
4-Bromofluorobenzene	95		70-130
Dibromofluoromethane	103		70-130

Lab Control Sample Analysis **Batch Quality Control**

Project Name: SUN VALLEY SITE

Project Number: 12060 / PHASE 8

Lab Number: L2353853

Report Date: 09/21/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 High - Westborough Lab Associated sample(s): 02 Batch: WG1829202-3 WG1829202-4								
Methylene chloride	76		74		70-130	3		30
1,1-Dichloroethane	89		85		70-130	5		30
Chloroform	87		85		70-130	2		30
Carbon tetrachloride	83		80		70-130	4		30
1,2-Dichloropropane	92		90		70-130	2		30
Dibromochloromethane	99		104		70-130	5		30
1,1,2-Trichloroethane	88		92		70-130	4		30
Tetrachloroethene	83		81		70-130	2		30
Chlorobenzene	94		94		70-130	0		30
Trichlorofluoromethane	86		82		70-139	5		30
1,2-Dichloroethane	90		90		70-130	0		30
1,1,1-Trichloroethane	87		83		70-130	5		30
Bromodichloromethane	91		88		70-130	3		30
trans-1,3-Dichloropropene	82		84		70-130	2		30
cis-1,3-Dichloropropene	89		88		70-130	1		30
1,1-Dichloropropene	75		73		70-130	3		30
Bromoform	91		95		70-130	4		30
1,1,2,2-Tetrachloroethane	81		84		70-130	4		30
Benzene	89		85		70-130	5		30
Toluene	87		86		70-130	1		30
Ethylbenzene	89		88		70-130	1		30
Chloromethane	91		87		52-130	4		30
Bromomethane	86		80		57-147	7		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: SUN VALLEY SITE

Project Number: 12060 / PHASE 8

Lab Number: L2353853

Report Date: 09/21/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 High - Westborough Lab Associated sample(s): 02 Batch: WG1829202-3 WG1829202-4								
Vinyl chloride	79		75		67-130	5		30
Chloroethane	76		73		50-151	4		30
1,1-Dichloroethene	74		71		65-135	4		30
trans-1,2-Dichloroethene	77		73		70-130	5		30
Trichloroethene	97		93		70-130	4		30
1,2-Dichlorobenzene	91		90		70-130	1		30
1,3-Dichlorobenzene	91		88		70-130	3		30
1,4-Dichlorobenzene	91		90		70-130	1		30
Methyl tert butyl ether	77		77		66-130	0		30
p/m-Xylene	91		90		70-130	1		30
o-Xylene	93		92		70-130	1		30
cis-1,2-Dichloroethene	86		83		70-130	4		30
Dibromomethane	88		89		70-130	1		30
Styrene	96		95		70-130	1		30
Dichlorodifluoromethane	74		70		30-146	6		30
Acetone	86		94		54-140	9		30
Carbon disulfide	75		71		59-130	5		30
2-Butanone	82		91		70-130	10		30
Vinyl acetate	77		80		70-130	4		30
4-Methyl-2-pentanone	86		95		70-130	10		30
1,2,3-Trichloropropane	87		91		68-130	4		30
2-Hexanone	84		92		70-130	9		30
Bromochloromethane	90		89		70-130	1		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: SUN VALLEY SITE

Project Number: 12060 / PHASE 8

Lab Number: L2353853

Report Date: 09/21/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 High - Westborough Lab Associated sample(s): 02 Batch: WG1829202-3 WG1829202-4								
2,2-Dichloropropane	71		68	Q	70-130	4		30
1,2-Dibromoethane	94		98		70-130	4		30
1,3-Dichloropropane	92		94		69-130	2		30
1,1,1,2-Tetrachloroethane	96		95		70-130	1		30
Bromobenzene	91		89		70-130	2		30
n-Butylbenzene	88		86		70-130	2		30
sec-Butylbenzene	88		85		70-130	3		30
tert-Butylbenzene	87		85		70-130	2		30
o-Chlorotoluene	105		101		70-130	4		30
p-Chlorotoluene	87		84		70-130	4		30
1,2-Dibromo-3-chloropropane	79		88		68-130	11		30
Hexachlorobutadiene	92		89		67-130	3		30
Isopropylbenzene	89		86		70-130	3		30
p-Isopropyltoluene	89		85		70-130	5		30
Naphthalene	90		93		70-130	3		30
Acrylonitrile	86		90		70-130	5		30
n-Propylbenzene	88		85		70-130	3		30
1,2,3-Trichlorobenzene	97		97		70-130	0		30
1,2,4-Trichlorobenzene	95		95		70-130	0		30
1,3,5-Trimethylbenzene	89		86		70-130	3		30
1,2,4-Trimethylbenzene	90		87		70-130	3		30
1,4-Dioxane	73		80		65-136	9		30
p-Diethylbenzene	91		88		70-130	3		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: SUN VALLEY SITE

Project Number: 12060 / PHASE 8

Lab Number: L2353853

Report Date: 09/21/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 High - Westborough Lab Associated sample(s): 02 Batch: WG1829202-3 WG1829202-4								
p-Ethyltoluene	90		86		70-130	5		30
1,2,4,5-Tetramethylbenzene	96		93		70-130	3		30
Ethyl ether	75		74		67-130	1		30
trans-1,4-Dichloro-2-butene	78		79		70-130	1		30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	96		97		70-130
Toluene-d8	96		97		70-130
4-Bromofluorobenzene	94		95		70-130
Dibromofluoromethane	95		97		70-130

Lab Control Sample Analysis **Batch Quality Control**

Project Name: SUN VALLEY SITE

Project Number: 12060 / PHASE 8

Lab Number: L2353853

Report Date: 09/21/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 06,08,10,12 Batch: WG1829203-3 WG1829203-4								
Methylene chloride	76		74		70-130	3		30
1,1-Dichloroethane	89		85		70-130	5		30
Chloroform	87		85		70-130	2		30
Carbon tetrachloride	83		80		70-130	4		30
1,2-Dichloropropane	92		90		70-130	2		30
Dibromochloromethane	99		104		70-130	5		30
1,1,2-Trichloroethane	88		92		70-130	4		30
Tetrachloroethene	83		81		70-130	2		30
Chlorobenzene	94		94		70-130	0		30
Trichlorofluoromethane	86		82		70-139	5		30
1,2-Dichloroethane	90		90		70-130	0		30
1,1,1-Trichloroethane	87		83		70-130	5		30
Bromodichloromethane	91		88		70-130	3		30
trans-1,3-Dichloropropene	82		84		70-130	2		30
cis-1,3-Dichloropropene	89		88		70-130	1		30
1,1-Dichloropropene	75		73		70-130	3		30
Bromoform	91		95		70-130	4		30
1,1,2,2-Tetrachloroethane	81		84		70-130	4		30
Benzene	89		85		70-130	5		30
Toluene	87		86		70-130	1		30
Ethylbenzene	89		88		70-130	1		30
Chloromethane	91		87		52-130	4		30
Bromomethane	86		80		57-147	7		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: SUN VALLEY SITE

Project Number: 12060 / PHASE 8

Lab Number: L2353853

Report Date: 09/21/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 06,08,10,12 Batch: WG1829203-3 WG1829203-4								
Vinyl chloride	79		75		67-130	5		30
Chloroethane	76		73		50-151	4		30
1,1-Dichloroethene	74		71		65-135	4		30
trans-1,2-Dichloroethene	77		73		70-130	5		30
Trichloroethene	97		93		70-130	4		30
1,2-Dichlorobenzene	91		90		70-130	1		30
1,3-Dichlorobenzene	91		88		70-130	3		30
1,4-Dichlorobenzene	91		90		70-130	1		30
Methyl tert butyl ether	77		77		66-130	0		30
p/m-Xylene	91		90		70-130	1		30
o-Xylene	93		92		70-130	1		30
cis-1,2-Dichloroethene	86		83		70-130	4		30
Dibromomethane	88		89		70-130	1		30
Styrene	96		95		70-130	1		30
Dichlorodifluoromethane	74		70		30-146	6		30
Acetone	86		94		54-140	9		30
Carbon disulfide	75		71		59-130	5		30
2-Butanone	82		91		70-130	10		30
Vinyl acetate	77		80		70-130	4		30
4-Methyl-2-pentanone	86		95		70-130	10		30
1,2,3-Trichloropropane	87		91		68-130	4		30
2-Hexanone	84		92		70-130	9		30
Bromochloromethane	90		89		70-130	1		30

Lab Control Sample Analysis **Batch Quality Control**

Project Name: SUN VALLEY SITE

Project Number: 12060 / PHASE 8

Lab Number: L2353853

Report Date: 09/21/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 06,08,10,12 Batch: WG1829203-3 WG1829203-4								
2,2-Dichloropropane	71		68	Q	70-130	4		30
1,2-Dibromoethane	94		98		70-130	4		30
1,3-Dichloropropane	92		94		69-130	2		30
1,1,1,2-Tetrachloroethane	96		95		70-130	1		30
Bromobenzene	91		89		70-130	2		30
n-Butylbenzene	88		86		70-130	2		30
sec-Butylbenzene	88		85		70-130	3		30
tert-Butylbenzene	87		85		70-130	2		30
o-Chlorotoluene	105		101		70-130	4		30
p-Chlorotoluene	87		84		70-130	4		30
1,2-Dibromo-3-chloropropane	79		88		68-130	11		30
Hexachlorobutadiene	92		89		67-130	3		30
Isopropylbenzene	89		86		70-130	3		30
p-Isopropyltoluene	89		85		70-130	5		30
Naphthalene	90		93		70-130	3		30
Acrylonitrile	86		90		70-130	5		30
n-Propylbenzene	88		85		70-130	3		30
1,2,3-Trichlorobenzene	97		97		70-130	0		30
1,2,4-Trichlorobenzene	95		95		70-130	0		30
1,3,5-Trimethylbenzene	89		86		70-130	3		30
1,2,4-Trimethylbenzene	90		87		70-130	3		30
1,4-Dioxane	73		80		65-136	9		30
p-Diethylbenzene	91		88		70-130	3		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: SUN VALLEY SITE

Project Number: 12060 / PHASE 8

Lab Number: L2353853

Report Date: 09/21/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 06,08,10,12 Batch: WG1829203-3 WG1829203-4								
p-Ethyltoluene	90		86		70-130	5		30
1,2,4,5-Tetramethylbenzene	96		93		70-130	3		30
Ethyl ether	75		74		67-130	1		30
trans-1,4-Dichloro-2-butene	78		79		70-130	1		30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	96		97		70-130
Toluene-d8	96		97		70-130
4-Bromofluorobenzene	94		95		70-130
Dibromofluoromethane	95		97		70-130

Lab Control Sample Analysis

Batch Quality Control

Project Name: SUN VALLEY SITE

Project Number: 12060 / PHASE 8

Lab Number: L2353853

Report Date: 09/21/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 02 Batch: WG1829788-3 WG1829788-4								
Methylene chloride	83		79		70-130	5		30
1,1-Dichloroethane	81		78		70-130	4		30
Chloroform	88		85		70-130	3		30
Carbon tetrachloride	79		75		70-130	5		30
1,2-Dichloropropane	94		91		70-130	3		30
Dibromochloromethane	106		108		70-130	2		30
1,1,2-Trichloroethane	106		108		70-130	2		30
Tetrachloroethene	89		88		70-130	1		30
Chlorobenzene	99		97		70-130	2		30
Trichlorofluoromethane	76		72		70-139	5		30
1,2-Dichloroethane	94		93		70-130	1		30
1,1,1-Trichloroethane	81		78		70-130	4		30
Bromodichloromethane	98		96		70-130	2		30
trans-1,3-Dichloropropene	112		111		70-130	1		30
cis-1,3-Dichloropropene	90		89		70-130	1		30
1,1-Dichloropropene	83		80		70-130	4		30
Bromoform	97		97		70-130	0		30
1,1,2,2-Tetrachloroethane	105		106		70-130	1		30
Benzene	86		83		70-130	4		30
Toluene	92		90		70-130	2		30
Ethylbenzene	94		92		70-130	2		30
Chloromethane	72		67		52-130	7		30
Bromomethane	84		76		57-147	10		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: SUN VALLEY SITE

Project Number: 12060 / PHASE 8

Lab Number: L2353853

Report Date: 09/21/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 02 Batch: WG1829788-3 WG1829788-4								
Vinyl chloride	76		72		67-130	5		30
Chloroethane	78		72		50-151	8		30
1,1-Dichloroethene	79		75		65-135	5		30
trans-1,2-Dichloroethene	81		76		70-130	6		30
Trichloroethene	85		83		70-130	2		30
1,2-Dichlorobenzene	101		98		70-130	3		30
1,3-Dichlorobenzene	102		98		70-130	4		30
1,4-Dichlorobenzene	100		96		70-130	4		30
Methyl tert butyl ether	103		103		66-130	0		30
p/m-Xylene	95		93		70-130	2		30
o-Xylene	97		95		70-130	2		30
cis-1,2-Dichloroethene	87		84		70-130	4		30
Dibromomethane	97		96		70-130	1		30
Styrene	100		100		70-130	0		30
Dichlorodifluoromethane	82		77		30-146	6		30
Acetone	82		84		54-140	2		30
Carbon disulfide	74		70		59-130	6		30
2-Butanone	83		82		70-130	1		30
Vinyl acetate	86		82		70-130	5		30
4-Methyl-2-pentanone	99		103		70-130	4		30
1,2,3-Trichloropropane	100		102		68-130	2		30
2-Hexanone	91		96		70-130	5		30
Bromochloromethane	90		89		70-130	1		30

Lab Control Sample Analysis **Batch Quality Control**

Project Name: SUN VALLEY SITE

Project Number: 12060 / PHASE 8

Lab Number: L2353853

Report Date: 09/21/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 02 Batch: WG1829788-3 WG1829788-4								
2,2-Dichloropropane	83		78		70-130	6		30
1,2-Dibromoethane	100		102		70-130	2		30
1,3-Dichloropropane	106		107		69-130	1		30
1,1,1,2-Tetrachloroethane	102		102		70-130	0		30
Bromobenzene	101		98		70-130	3		30
n-Butylbenzene	99		93		70-130	6		30
sec-Butylbenzene	94		89		70-130	5		30
tert-Butylbenzene	94		89		70-130	5		30
o-Chlorotoluene	98		93		70-130	5		30
p-Chlorotoluene	100		96		70-130	4		30
1,2-Dibromo-3-chloropropane	85		86		68-130	1		30
Hexachlorobutadiene	91		87		67-130	4		30
Isopropylbenzene	95		91		70-130	4		30
p-Isopropyltoluene	97		93		70-130	4		30
Naphthalene	99		101		70-130	2		30
Acrylonitrile	93		94		70-130	1		30
n-Propylbenzene	97		92		70-130	5		30
1,2,3-Trichlorobenzene	102		101		70-130	1		30
1,2,4-Trichlorobenzene	106		102		70-130	4		30
1,3,5-Trimethylbenzene	97		92		70-130	5		30
1,2,4-Trimethylbenzene	99		96		70-130	3		30
1,4-Dioxane	72		74		65-136	3		30
p-Diethylbenzene	99		94		70-130	5		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: SUN VALLEY SITE

Project Number: 12060 / PHASE 8

Lab Number: L2353853

Report Date: 09/21/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 02 Batch: WG1829788-3 WG1829788-4								
p-Ethyltoluene	99		94		70-130	5		30
1,2,4,5-Tetramethylbenzene	103		99		70-130	4		30
Ethyl ether	95		92		67-130	3		30
trans-1,4-Dichloro-2-butene	124		124		70-130	0		30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	87		89		70-130
Toluene-d8	99		101		70-130
4-Bromofluorobenzene	104		104		70-130
Dibromofluoromethane	91		91		70-130

Lab Control Sample Analysis **Batch Quality Control**

Project Name: SUN VALLEY SITE

Project Number: 12060 / PHASE 8

Lab Number: L2353853

Report Date: 09/21/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 04 Batch: WG1829798-3 WG1829798-4								
Methylene chloride	60	Q	59	Q	70-130	2		30
1,1-Dichloroethane	94		95		70-130	1		30
Chloroform	92		91		70-130	1		30
Carbon tetrachloride	96		94		70-130	2		30
1,2-Dichloropropane	96		96		70-130	0		30
Dibromochloromethane	112		114		70-130	2		30
1,1,2-Trichloroethane	102		102		70-130	0		30
Tetrachloroethene	87		86		70-130	1		30
Chlorobenzene	95		96		70-130	1		30
Trichlorofluoromethane	94		92		70-139	2		30
1,2-Dichloroethane	98		98		70-130	0		30
1,1,1-Trichloroethane	93		92		70-130	1		30
Bromodichloromethane	98		98		70-130	0		30
trans-1,3-Dichloropropene	104		105		70-130	1		30
cis-1,3-Dichloropropene	97		97		70-130	0		30
1,1-Dichloropropene	76		75		70-130	1		30
Bromoform	114		113		70-130	1		30
1,1,2,2-Tetrachloroethane	97		96		70-130	1		30
Benzene	90		89		70-130	1		30
Toluene	92		93		70-130	1		30
Ethylbenzene	91		90		70-130	1		30
Chloromethane	106		102		52-130	4		30
Bromomethane	72		71		57-147	1		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: SUN VALLEY SITE

Project Number: 12060 / PHASE 8

Lab Number: L2353853

Report Date: 09/21/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 04 Batch: WG1829798-3 WG1829798-4								
Vinyl chloride	82		80		67-130	2		30
Chloroethane	81		79		50-151	3		30
1,1-Dichloroethene	75		73		65-135	3		30
trans-1,2-Dichloroethene	67	Q	67	Q	70-130	0		30
Trichloroethene	95		95		70-130	0		30
1,2-Dichlorobenzene	96		96		70-130	0		30
1,3-Dichlorobenzene	95		96		70-130	1		30
1,4-Dichlorobenzene	96		96		70-130	0		30
Methyl tert butyl ether	79		80		66-130	1		30
p/m-Xylene	94		94		70-130	0		30
o-Xylene	96		96		70-130	0		30
cis-1,2-Dichloroethene	87		88		70-130	1		30
Dibromomethane	94		94		70-130	0		30
Styrene	97		97		70-130	0		30
Dichlorodifluoromethane	102		99		30-146	3		30
Acetone	97		94		54-140	3		30
Carbon disulfide	73		71		59-130	3		30
2-Butanone	112		109		70-130	3		30
Vinyl acetate	107		101		70-130	6		30
4-Methyl-2-pentanone	105		107		70-130	2		30
1,2,3-Trichloropropane	96		97		68-130	1		30
2-Hexanone	106		108		70-130	2		30
Bromochloromethane	96		96		70-130	0		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: SUN VALLEY SITE
Project Number: 12060 / PHASE 8

Lab Number: L2353853
Report Date: 09/21/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 04 Batch: WG1829798-3 WG1829798-4								
2,2-Dichloropropane	95		94		70-130	1		30
1,2-Dibromoethane	101		101		70-130	0		30
1,3-Dichloropropane	98		98		69-130	0		30
1,1,1,2-Tetrachloroethane	111		112		70-130	1		30
Bromobenzene	94		95		70-130	1		30
n-Butylbenzene	91		91		70-130	0		30
sec-Butylbenzene	88		88		70-130	0		30
tert-Butylbenzene	87		88		70-130	1		30
o-Chlorotoluene	90		90		70-130	0		30
p-Chlorotoluene	91		92		70-130	1		30
1,2-Dibromo-3-chloropropane	98		98		68-130	0		30
Hexachlorobutadiene	89		89		67-130	0		30
Isopropylbenzene	87		88		70-130	1		30
p-Isopropyltoluene	89		89		70-130	0		30
Naphthalene	92		93		70-130	1		30
Acrylonitrile	114		116		70-130	2		30
n-Propylbenzene	90		90		70-130	0		30
1,2,3-Trichlorobenzene	97		98		70-130	1		30
1,2,4-Trichlorobenzene	96		97		70-130	1		30
1,3,5-Trimethylbenzene	91		91		70-130	0		30
1,2,4-Trimethylbenzene	91		91		70-130	0		30
1,4-Dioxane	88		88		65-136	0		30
p-Diethylbenzene	90		90		70-130	0		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: SUN VALLEY SITE
Project Number: 12060 / PHASE 8

Lab Number: L2353853
Report Date: 09/21/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 04 Batch: WG1829798-3 WG1829798-4								
p-Ethyltoluene	90		90		70-130	0		30
1,2,4,5-Tetramethylbenzene	90		90		70-130	0		30
Ethyl ether	79		79		67-130	0		30
trans-1,4-Dichloro-2-butene	119		119		70-130	0		30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	106		104		70-130
Toluene-d8	102		104		70-130
4-Bromofluorobenzene	93		94		70-130
Dibromofluoromethane	99		98		70-130

SEMIVOLATILES

Project Name: SUN VALLEY SITE
Project Number: 12060 / PHASE 8

Lab Number: L2353853
Report Date: 09/21/23

SAMPLE RESULTS

Lab ID: L2353853-01
Client ID: COMP_D1(0-7)
Sample Location: OSSINING, NY

Date Collected: 09/14/23 09:50
Date Received: 09/14/23
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 09/18/23 16:38
Analyst: IM
Percent Solids: 91%

Extraction Method: EPA 3546
Extraction Date: 09/16/23 01:26

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	140	19.	1
1,2,4-Trichlorobenzene	ND		ug/kg	180	21.	1
Hexachlorobenzene	ND		ug/kg	110	20.	1
Bis(2-chloroethyl)ether	ND		ug/kg	160	25.	1
2-Chloronaphthalene	ND		ug/kg	180	18.	1
1,2-Dichlorobenzene	ND		ug/kg	180	33.	1
1,3-Dichlorobenzene	ND		ug/kg	180	31.	1
1,4-Dichlorobenzene	ND		ug/kg	180	32.	1
3,3'-Dichlorobenzidine	ND		ug/kg	180	48.	1
2,4-Dinitrotoluene	ND		ug/kg	180	36.	1
2,6-Dinitrotoluene	ND		ug/kg	180	31.	1
Fluoranthene	ND		ug/kg	110	21.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	180	19.	1
4-Bromophenyl phenyl ether	ND		ug/kg	180	28.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	220	31.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	200	18.	1
Hexachlorobutadiene	ND		ug/kg	180	26.	1
Hexachlorocyclopentadiene	ND		ug/kg	520	160	1
Hexachloroethane	ND		ug/kg	140	29.	1
Isophorone	ND		ug/kg	160	24.	1
Naphthalene	ND		ug/kg	180	22.	1
Nitrobenzene	ND		ug/kg	160	27.	1
NDPA/DPA	ND		ug/kg	140	21.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	180	28.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	180	63.	1
Butyl benzyl phthalate	ND		ug/kg	180	46.	1
Di-n-butylphthalate	ND		ug/kg	180	34.	1
Di-n-octylphthalate	ND		ug/kg	180	62.	1

Project Name: SUN VALLEY SITE**Lab Number:** L2353853**Project Number:** 12060 / PHASE 8**Report Date:** 09/21/23**SAMPLE RESULTS**

Lab ID: L2353853-01
 Client ID: COMP_D1(0-7)
 Sample Location: OSSINING, NY

Date Collected: 09/14/23 09:50
 Date Received: 09/14/23
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Diethyl phthalate	ND		ug/kg	180	17.	1
Dimethyl phthalate	ND		ug/kg	180	38.	1
Benzo(a)anthracene	ND		ug/kg	110	20.	1
Benzo(a)pyrene	ND		ug/kg	140	44.	1
Benzo(b)fluoranthene	ND		ug/kg	110	30.	1
Benzo(k)fluoranthene	ND		ug/kg	110	29.	1
Chrysene	ND		ug/kg	110	19.	1
Acenaphthylene	ND		ug/kg	140	28.	1
Anthracene	ND		ug/kg	110	35.	1
Benzo(ghi)perylene	ND		ug/kg	140	21.	1
Fluorene	ND		ug/kg	180	18.	1
Phenanthrene	ND		ug/kg	110	22.	1
Dibenzo(a,h)anthracene	ND		ug/kg	110	21.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	140	25.	1
Pyrene	ND		ug/kg	110	18.	1
Biphenyl	ND		ug/kg	410	24.	1
4-Chloroaniline	ND		ug/kg	180	33.	1
2-Nitroaniline	ND		ug/kg	180	35.	1
3-Nitroaniline	ND		ug/kg	180	34.	1
4-Nitroaniline	ND		ug/kg	180	75.	1
Dibenzofuran	ND		ug/kg	180	17.	1
2-Methylnaphthalene	ND		ug/kg	220	22.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	180	19.	1
Acetophenone	ND		ug/kg	180	22.	1
2,4,6-Trichlorophenol	ND		ug/kg	110	34.	1
p-Chloro-m-cresol	ND		ug/kg	180	27.	1
2-Chlorophenol	ND		ug/kg	180	21.	1
2,4-Dichlorophenol	ND		ug/kg	160	29.	1
2,4-Dimethylphenol	ND		ug/kg	180	60.	1
2-Nitrophenol	ND		ug/kg	390	68.	1
4-Nitrophenol	ND		ug/kg	250	74.	1
2,4-Dinitrophenol	ND		ug/kg	870	85.	1
4,6-Dinitro-o-cresol	ND		ug/kg	470	87.	1
Pentachlorophenol	ND		ug/kg	140	40.	1
Phenol	ND		ug/kg	180	27.	1
2-Methylphenol	ND		ug/kg	180	28.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	260	28.	1

Project Name: SUN VALLEY SITE
Project Number: 12060 / PHASE 8

Lab Number: L2353853
Report Date: 09/21/23

SAMPLE RESULTS

Lab ID: L2353853-01
Client ID: COMP_D1(0-7)
Sample Location: OSSINING, NY

Date Collected: 09/14/23 09:50
Date Received: 09/14/23
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	180	35.	1
Benzoic Acid	ND		ug/kg	590	180	1
Benzyl Alcohol	ND		ug/kg	180	56.	1
Carbazole	ND		ug/kg	180	18.	1
1,4-Dioxane	ND		ug/kg	27	8.4	1

Tentatively Identified Compounds

Total TIC Compounds	170	J	ug/kg			1
Unknown Organic Acid	170	J	ug/kg			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	76		25-120
Phenol-d6	71		10-120
Nitrobenzene-d5	67		23-120
2-Fluorobiphenyl	73		30-120
2,4,6-Tribromophenol	85		10-136
4-Terphenyl-d14	73		18-120

Project Name: SUN VALLEY SITE
Project Number: 12060 / PHASE 8

Lab Number: L2353853
Report Date: 09/21/23

SAMPLE RESULTS

Lab ID: L2353853-03
Client ID: COMP_C2(0-7)
Sample Location: OSSINING, NY

Date Collected: 09/14/23 12:45
Date Received: 09/14/23
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 09/18/23 16:14
Analyst: IM
Percent Solids: 89%

Extraction Method: EPA 3546
Extraction Date: 09/16/23 01:26

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	210		ug/kg	140	19.	1
1,2,4-Trichlorobenzene	ND		ug/kg	180	21.	1
Hexachlorobenzene	ND		ug/kg	110	20.	1
Bis(2-chloroethyl)ether	ND		ug/kg	160	25.	1
2-Chloronaphthalene	ND		ug/kg	180	18.	1
1,2-Dichlorobenzene	ND		ug/kg	180	33.	1
1,3-Dichlorobenzene	ND		ug/kg	180	31.	1
1,4-Dichlorobenzene	ND		ug/kg	180	32.	1
3,3'-Dichlorobenzidine	ND		ug/kg	180	48.	1
2,4-Dinitrotoluene	ND		ug/kg	180	36.	1
2,6-Dinitrotoluene	ND		ug/kg	180	31.	1
Fluoranthene	710		ug/kg	110	21.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	180	19.	1
4-Bromophenyl phenyl ether	ND		ug/kg	180	28.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	220	31.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	200	18.	1
Hexachlorobutadiene	ND		ug/kg	180	27.	1
Hexachlorocyclopentadiene	ND		ug/kg	520	160	1
Hexachloroethane	ND		ug/kg	140	29.	1
Isophorone	ND		ug/kg	160	24.	1
Naphthalene	88	J	ug/kg	180	22.	1
Nitrobenzene	ND		ug/kg	160	27.	1
NDPA/DPA	ND		ug/kg	140	21.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	180	28.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	180	63.	1
Butyl benzyl phthalate	ND		ug/kg	180	46.	1
Di-n-butylphthalate	ND		ug/kg	180	34.	1
Di-n-octylphthalate	ND		ug/kg	180	62.	1

Project Name: SUN VALLEY SITE

Lab Number: L2353853

Project Number: 12060 / PHASE 8

Report Date: 09/21/23

SAMPLE RESULTS

Lab ID: L2353853-03

Date Collected: 09/14/23 12:45

Client ID: COMP_C2(0-7)

Date Received: 09/14/23

Sample Location: OSSINING, NY

Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Diethyl phthalate	ND		ug/kg	180	17.	1
Dimethyl phthalate	ND		ug/kg	180	38.	1
Benzo(a)anthracene	300		ug/kg	110	20.	1
Benzo(a)pyrene	350		ug/kg	140	44.	1
Benzo(b)fluoranthene	390		ug/kg	110	31.	1
Benzo(k)fluoranthene	130		ug/kg	110	29.	1
Chrysene	300		ug/kg	110	19.	1
Acenaphthylene	ND		ug/kg	140	28.	1
Anthracene	220		ug/kg	110	36.	1
Benzo(ghi)perylene	170		ug/kg	140	21.	1
Fluorene	140	J	ug/kg	180	18.	1
Phenanthrene	730		ug/kg	110	22.	1
Dibenzo(a,h)anthracene	39	J	ug/kg	110	21.	1
Indeno(1,2,3-cd)pyrene	190		ug/kg	140	25.	1
Pyrene	590		ug/kg	110	18.	1
Biphenyl	ND		ug/kg	420	24.	1
4-Chloroaniline	ND		ug/kg	180	33.	1
2-Nitroaniline	ND		ug/kg	180	35.	1
3-Nitroaniline	ND		ug/kg	180	34.	1
4-Nitroaniline	ND		ug/kg	180	75.	1
Dibenzofuran	86	J	ug/kg	180	17.	1
2-Methylnaphthalene	29	J	ug/kg	220	22.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	180	19.	1
Acetophenone	ND		ug/kg	180	22.	1
2,4,6-Trichlorophenol	ND		ug/kg	110	34.	1
p-Chloro-m-cresol	ND		ug/kg	180	27.	1
2-Chlorophenol	ND		ug/kg	180	22.	1
2,4-Dichlorophenol	ND		ug/kg	160	29.	1
2,4-Dimethylphenol	ND		ug/kg	180	60.	1
2-Nitrophenol	ND		ug/kg	390	68.	1
4-Nitrophenol	ND		ug/kg	250	74.	1
2,4-Dinitrophenol	ND		ug/kg	870	85.	1
4,6-Dinitro-o-cresol	ND		ug/kg	470	87.	1
Pentachlorophenol	ND		ug/kg	140	40.	1
Phenol	ND		ug/kg	180	28.	1
2-Methylphenol	ND		ug/kg	180	28.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	260	28.	1

Project Name: SUN VALLEY SITE
Project Number: 12060 / PHASE 8

Lab Number: L2353853
Report Date: 09/21/23

SAMPLE RESULTS

Lab ID: L2353853-03
Client ID: COMP_C2(0-7)
Sample Location: OSSINING, NY

Date Collected: 09/14/23 12:45
Date Received: 09/14/23
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	180	35.	1
Benzoic Acid	ND		ug/kg	590	180	1
Benzyl Alcohol	ND		ug/kg	180	56.	1
Carbazole	120	J	ug/kg	180	18.	1
1,4-Dioxane	ND		ug/kg	27	8.4	1

Tentatively Identified Compounds

Total TIC Compounds	197	J	ug/kg	1
Unknown PAH	197	J	ug/kg	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	45		25-120
Phenol-d6	59		10-120
Nitrobenzene-d5	58		23-120
2-Fluorobiphenyl	65		30-120
2,4,6-Tribromophenol	45		10-136
4-Terphenyl-d14	64		18-120

Project Name: SUN VALLEY SITE
Project Number: 12060 / PHASE 8

Lab Number: L2353853
Report Date: 09/21/23

SAMPLE RESULTS

Lab ID: L2353853-05
Client ID: COMP_D1(7-15)
Sample Location: OSSINING, NY

Date Collected: 09/14/23 09:55
Date Received: 09/14/23
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 09/18/23 15:50
Analyst: IM
Percent Solids: 93%

Extraction Method: EPA 3546
Extraction Date: 09/16/23 01:26

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	140	18.	1
1,2,4-Trichlorobenzene	ND		ug/kg	170	20.	1
Hexachlorobenzene	ND		ug/kg	100	20.	1
Bis(2-chloroethyl)ether	ND		ug/kg	160	24.	1
2-Chloronaphthalene	ND		ug/kg	170	17.	1
1,2-Dichlorobenzene	ND		ug/kg	170	31.	1
1,3-Dichlorobenzene	ND		ug/kg	170	30.	1
1,4-Dichlorobenzene	ND		ug/kg	170	30.	1
3,3'-Dichlorobenzidine	ND		ug/kg	170	46.	1
2,4-Dinitrotoluene	ND		ug/kg	170	35.	1
2,6-Dinitrotoluene	ND		ug/kg	170	30.	1
Fluoranthene	ND		ug/kg	100	20.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	170	19.	1
4-Bromophenyl phenyl ether	ND		ug/kg	170	27.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	210	30.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	190	18.	1
Hexachlorobutadiene	ND		ug/kg	170	26.	1
Hexachlorocyclopentadiene	ND		ug/kg	500	160	1
Hexachloroethane	ND		ug/kg	140	28.	1
Isophorone	ND		ug/kg	160	23.	1
Naphthalene	ND		ug/kg	170	21.	1
Nitrobenzene	ND		ug/kg	160	26.	1
NDPA/DPA	ND		ug/kg	140	20.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	170	27.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	170	60.	1
Butyl benzyl phthalate	ND		ug/kg	170	44.	1
Di-n-butylphthalate	ND		ug/kg	170	33.	1
Di-n-octylphthalate	ND		ug/kg	170	59.	1

Project Name: SUN VALLEY SITE

Lab Number: L2353853

Project Number: 12060 / PHASE 8

Report Date: 09/21/23

SAMPLE RESULTS

Lab ID: L2353853-05
 Client ID: COMP_D1(7-15)
 Sample Location: OSSINING, NY

Date Collected: 09/14/23 09:55
 Date Received: 09/14/23
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Diethyl phthalate	ND		ug/kg	170	16.	1
Dimethyl phthalate	ND		ug/kg	170	37.	1
Benzo(a)anthracene	ND		ug/kg	100	20.	1
Benzo(a)pyrene	ND		ug/kg	140	43.	1
Benzo(b)fluoranthene	ND		ug/kg	100	29.	1
Benzo(k)fluoranthene	ND		ug/kg	100	28.	1
Chrysene	ND		ug/kg	100	18.	1
Acenaphthylene	ND		ug/kg	140	27.	1
Anthracene	ND		ug/kg	100	34.	1
Benzo(ghi)perylene	ND		ug/kg	140	20.	1
Fluorene	ND		ug/kg	170	17.	1
Phenanthrene	ND		ug/kg	100	21.	1
Dibenzo(a,h)anthracene	ND		ug/kg	100	20.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	140	24.	1
Pyrene	ND		ug/kg	100	17.	1
Biphenyl	ND		ug/kg	400	23.	1
4-Chloroaniline	ND		ug/kg	170	32.	1
2-Nitroaniline	ND		ug/kg	170	34.	1
3-Nitroaniline	ND		ug/kg	170	33.	1
4-Nitroaniline	ND		ug/kg	170	72.	1
Dibenzofuran	ND		ug/kg	170	16.	1
2-Methylnaphthalene	ND		ug/kg	210	21.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	170	18.	1
Acetophenone	ND		ug/kg	170	22.	1
2,4,6-Trichlorophenol	ND		ug/kg	100	33.	1
p-Chloro-m-cresol	ND		ug/kg	170	26.	1
2-Chlorophenol	ND		ug/kg	170	21.	1
2,4-Dichlorophenol	ND		ug/kg	160	28.	1
2,4-Dimethylphenol	ND		ug/kg	170	58.	1
2-Nitrophenol	ND		ug/kg	380	66.	1
4-Nitrophenol	ND		ug/kg	240	71.	1
2,4-Dinitrophenol	ND		ug/kg	840	82.	1
4,6-Dinitro-o-cresol	ND		ug/kg	450	84.	1
Pentachlorophenol	ND		ug/kg	140	38.	1
Phenol	ND		ug/kg	170	26.	1
2-Methylphenol	ND		ug/kg	170	27.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	250	27.	1

Project Name: SUN VALLEY SITE
Project Number: 12060 / PHASE 8

Lab Number: L2353853
Report Date: 09/21/23

SAMPLE RESULTS

Lab ID: L2353853-05
Client ID: COMP_D1(7-15)
Sample Location: OSSINING, NY

Date Collected: 09/14/23 09:55
Date Received: 09/14/23
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	170	34.	1
Benzoic Acid	ND		ug/kg	570	180	1
Benzyl Alcohol	ND		ug/kg	170	54.	1
Carbazole	ND		ug/kg	170	17.	1
1,4-Dioxane	ND		ug/kg	26	8.0	1

Tentatively Identified Compounds

Total TIC Compounds	171	J	ug/kg	1
Unknown Organic Acid	171	J	ug/kg	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	64		25-120
Phenol-d6	62		10-120
Nitrobenzene-d5	58		23-120
2-Fluorobiphenyl	62		30-120
2,4,6-Tribromophenol	70		10-136
4-Terphenyl-d14	64		18-120

Project Name: SUN VALLEY SITE
Project Number: 12060 / PHASE 8

Lab Number: L2353853
Report Date: 09/21/23

SAMPLE RESULTS

Lab ID: L2353853-07
Client ID: COMP_C2(7-17)
Sample Location: OSSINING, NY

Date Collected: 09/14/23 12:55
Date Received: 09/14/23
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 09/18/23 15:26
Analyst: IM
Percent Solids: 92%

Extraction Method: EPA 3546
Extraction Date: 09/16/23 01:26

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	140	18.	1
1,2,4-Trichlorobenzene	ND		ug/kg	180	20.	1
Hexachlorobenzene	ND		ug/kg	110	20.	1
Bis(2-chloroethyl)ether	ND		ug/kg	160	24.	1
2-Chloronaphthalene	ND		ug/kg	180	18.	1
1,2-Dichlorobenzene	ND		ug/kg	180	32.	1
1,3-Dichlorobenzene	ND		ug/kg	180	30.	1
1,4-Dichlorobenzene	ND		ug/kg	180	31.	1
3,3'-Dichlorobenzidine	ND		ug/kg	180	47.	1
2,4-Dinitrotoluene	ND		ug/kg	180	36.	1
2,6-Dinitrotoluene	ND		ug/kg	180	30.	1
Fluoranthene	ND		ug/kg	110	20.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	180	19.	1
4-Bromophenyl phenyl ether	ND		ug/kg	180	27.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	210	30.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	190	18.	1
Hexachlorobutadiene	ND		ug/kg	180	26.	1
Hexachlorocyclopentadiene	ND		ug/kg	510	160	1
Hexachloroethane	ND		ug/kg	140	29.	1
Isophorone	ND		ug/kg	160	23.	1
Naphthalene	ND		ug/kg	180	22.	1
Nitrobenzene	ND		ug/kg	160	26.	1
NDPA/DPA	ND		ug/kg	140	20.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	180	27.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	180	61.	1
Butyl benzyl phthalate	ND		ug/kg	180	45.	1
Di-n-butylphthalate	ND		ug/kg	180	34.	1
Di-n-octylphthalate	ND		ug/kg	180	60.	1

Project Name: SUN VALLEY SITE

Lab Number: L2353853

Project Number: 12060 / PHASE 8

Report Date: 09/21/23

SAMPLE RESULTS

Lab ID: L2353853-07
 Client ID: COMP_C2(7-17)
 Sample Location: OSSINING, NY

Date Collected: 09/14/23 12:55
 Date Received: 09/14/23
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Diethyl phthalate	ND		ug/kg	180	16.	1
Dimethyl phthalate	ND		ug/kg	180	37.	1
Benzo(a)anthracene	ND		ug/kg	110	20.	1
Benzo(a)pyrene	ND		ug/kg	140	43.	1
Benzo(b)fluoranthene	ND		ug/kg	110	30.	1
Benzo(k)fluoranthene	ND		ug/kg	110	28.	1
Chrysene	ND		ug/kg	110	18.	1
Acenaphthylene	ND		ug/kg	140	27.	1
Anthracene	ND		ug/kg	110	35.	1
Benzo(ghi)perylene	ND		ug/kg	140	21.	1
Fluorene	ND		ug/kg	180	17.	1
Phenanthrene	ND		ug/kg	110	22.	1
Dibenzo(a,h)anthracene	ND		ug/kg	110	20.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	140	25.	1
Pyrene	ND		ug/kg	110	18.	1
Biphenyl	ND		ug/kg	400	23.	1
4-Chloroaniline	ND		ug/kg	180	32.	1
2-Nitroaniline	ND		ug/kg	180	34.	1
3-Nitroaniline	ND		ug/kg	180	33.	1
4-Nitroaniline	ND		ug/kg	180	74.	1
Dibenzofuran	ND		ug/kg	180	17.	1
2-Methylnaphthalene	ND		ug/kg	210	21.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	180	18.	1
Acetophenone	ND		ug/kg	180	22.	1
2,4,6-Trichlorophenol	ND		ug/kg	110	34.	1
p-Chloro-m-cresol	ND		ug/kg	180	26.	1
2-Chlorophenol	ND		ug/kg	180	21.	1
2,4-Dichlorophenol	ND		ug/kg	160	28.	1
2,4-Dimethylphenol	ND		ug/kg	180	58.	1
2-Nitrophenol	ND		ug/kg	380	67.	1
4-Nitrophenol	ND		ug/kg	250	72.	1
2,4-Dinitrophenol	ND		ug/kg	850	83.	1
4,6-Dinitro-o-cresol	ND		ug/kg	460	85.	1
Pentachlorophenol	ND		ug/kg	140	39.	1
Phenol	ND		ug/kg	180	27.	1
2-Methylphenol	ND		ug/kg	180	28.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	260	28.	1

Project Name: SUN VALLEY SITE
Project Number: 12060 / PHASE 8

Lab Number: L2353853
Report Date: 09/21/23

SAMPLE RESULTS

Lab ID: L2353853-07
Client ID: COMP_C2(7-17)
Sample Location: OSSINING, NY

Date Collected: 09/14/23 12:55
Date Received: 09/14/23
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	180	34.	1
Benzoic Acid	ND		ug/kg	580	180	1
Benzyl Alcohol	ND		ug/kg	180	54.	1
Carbazole	ND		ug/kg	180	17.	1
1,4-Dioxane	ND		ug/kg	27	8.2	1

Tentatively Identified Compounds

No Tentatively Identified Compounds	ND	ug/kg	1
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Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	77		25-120
Phenol-d6	75		10-120
Nitrobenzene-d5	70		23-120
2-Fluorobiphenyl	80		30-120
2,4,6-Tribromophenol	86		10-136
4-Terphenyl-d14	79		18-120

Project Name: SUN VALLEY SITE
Project Number: 12060 / PHASE 8

Lab Number: L2353853
Report Date: 09/21/23

SAMPLE RESULTS

Lab ID: L2353853-09
Client ID: COMP_D2(0-7)
Sample Location: OSSINING, NY

Date Collected: 09/14/23 14:45
Date Received: 09/14/23
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 09/16/23 16:14
Analyst: CMM
Percent Solids: 91%

Extraction Method: EPA 3546
Extraction Date: 09/16/23 01:26

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	140	18.	1
1,2,4-Trichlorobenzene	ND		ug/kg	180	20.	1
Hexachlorobenzene	ND		ug/kg	110	20.	1
Bis(2-chloroethyl)ether	ND		ug/kg	160	24.	1
2-Chloronaphthalene	ND		ug/kg	180	18.	1
1,2-Dichlorobenzene	ND		ug/kg	180	32.	1
1,3-Dichlorobenzene	ND		ug/kg	180	31.	1
1,4-Dichlorobenzene	ND		ug/kg	180	31.	1
3,3'-Dichlorobenzidine	ND		ug/kg	180	48.	1
2,4-Dinitrotoluene	ND		ug/kg	180	36.	1
2,6-Dinitrotoluene	ND		ug/kg	180	31.	1
Fluoranthene	ND		ug/kg	110	20.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	180	19.	1
4-Bromophenyl phenyl ether	ND		ug/kg	180	27.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	210	30.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	190	18.	1
Hexachlorobutadiene	ND		ug/kg	180	26.	1
Hexachlorocyclopentadiene	ND		ug/kg	510	160	1
Hexachloroethane	ND		ug/kg	140	29.	1
Isophorone	ND		ug/kg	160	23.	1
Naphthalene	ND		ug/kg	180	22.	1
Nitrobenzene	ND		ug/kg	160	26.	1
NDPA/DPA	ND		ug/kg	140	20.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	180	28.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	180	62.	1
Butyl benzyl phthalate	ND		ug/kg	180	45.	1
Di-n-butylphthalate	ND		ug/kg	180	34.	1
Di-n-octylphthalate	ND		ug/kg	180	61.	1

Project Name: SUN VALLEY SITE**Lab Number:** L2353853**Project Number:** 12060 / PHASE 8**Report Date:** 09/21/23**SAMPLE RESULTS**

Lab ID: L2353853-09
 Client ID: COMP_D2(0-7)
 Sample Location: OSSINING, NY

Date Collected: 09/14/23 14:45
 Date Received: 09/14/23
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Diethyl phthalate	ND		ug/kg	180	16.	1
Dimethyl phthalate	ND		ug/kg	180	38.	1
Benzo(a)anthracene	ND		ug/kg	110	20.	1
Benzo(a)pyrene	ND		ug/kg	140	44.	1
Benzo(b)fluoranthene	ND		ug/kg	110	30.	1
Benzo(k)fluoranthene	ND		ug/kg	110	29.	1
Chrysene	ND		ug/kg	110	19.	1
Acenaphthylene	ND		ug/kg	140	28.	1
Anthracene	ND		ug/kg	110	35.	1
Benzo(ghi)perylene	ND		ug/kg	140	21.	1
Fluorene	ND		ug/kg	180	17.	1
Phenanthrene	ND		ug/kg	110	22.	1
Dibenzo(a,h)anthracene	ND		ug/kg	110	21.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	140	25.	1
Pyrene	ND		ug/kg	110	18.	1
Biphenyl	ND		ug/kg	410	23.	1
4-Chloroaniline	ND		ug/kg	180	32.	1
2-Nitroaniline	ND		ug/kg	180	34.	1
3-Nitroaniline	ND		ug/kg	180	34.	1
4-Nitroaniline	ND		ug/kg	180	74.	1
Dibenzofuran	ND		ug/kg	180	17.	1
2-Methylnaphthalene	ND		ug/kg	210	22.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	180	19.	1
Acetophenone	ND		ug/kg	180	22.	1
2,4,6-Trichlorophenol	ND		ug/kg	110	34.	1
p-Chloro-m-cresol	ND		ug/kg	180	27.	1
2-Chlorophenol	ND		ug/kg	180	21.	1
2,4-Dichlorophenol	ND		ug/kg	160	29.	1
2,4-Dimethylphenol	ND		ug/kg	180	59.	1
2-Nitrophenol	ND		ug/kg	390	67.	1
4-Nitrophenol	ND		ug/kg	250	73.	1
2,4-Dinitrophenol	ND		ug/kg	860	83.	1
4,6-Dinitro-o-cresol	ND		ug/kg	460	86.	1
Pentachlorophenol	ND		ug/kg	140	39.	1
Phenol	ND		ug/kg	180	27.	1
2-Methylphenol	ND		ug/kg	180	28.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	260	28.	1

Project Name: SUN VALLEY SITE
Project Number: 12060 / PHASE 8

Lab Number: L2353853
Report Date: 09/21/23

SAMPLE RESULTS

Lab ID: L2353853-09
Client ID: COMP_D2(0-7)
Sample Location: OSSINING, NY

Date Collected: 09/14/23 14:45
Date Received: 09/14/23
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	180	34.	1
Benzoic Acid	ND		ug/kg	580	180	1
Benzyl Alcohol	ND		ug/kg	180	55.	1
Carbazole	ND		ug/kg	180	17.	1
1,4-Dioxane	ND		ug/kg	27	8.2	1

Tentatively Identified Compounds

No Tentatively Identified Compounds	ND	ug/kg	1
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Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	67		25-120
Phenol-d6	67		10-120
Nitrobenzene-d5	68		23-120
2-Fluorobiphenyl	60		30-120
2,4,6-Tribromophenol	53		10-136
4-Terphenyl-d14	55		18-120

Project Name: SUN VALLEY SITE
Project Number: 12060 / PHASE 8

Lab Number: L2353853
Report Date: 09/21/23

SAMPLE RESULTS

Lab ID: L2353853-11
Client ID: COMP_D2(7-17)
Sample Location: OSSINING, NY

Date Collected: 09/14/23 14:55
Date Received: 09/14/23
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 09/16/23 16:37
Analyst: CMM
Percent Solids: 91%

Extraction Method: EPA 3546
Extraction Date: 09/16/23 01:26

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	140	19.	1
1,2,4-Trichlorobenzene	ND		ug/kg	180	21.	1
Hexachlorobenzene	ND		ug/kg	110	20.	1
Bis(2-chloroethyl)ether	ND		ug/kg	160	25.	1
2-Chloronaphthalene	ND		ug/kg	180	18.	1
1,2-Dichlorobenzene	ND		ug/kg	180	33.	1
1,3-Dichlorobenzene	ND		ug/kg	180	31.	1
1,4-Dichlorobenzene	ND		ug/kg	180	32.	1
3,3'-Dichlorobenzidine	ND		ug/kg	180	48.	1
2,4-Dinitrotoluene	ND		ug/kg	180	36.	1
2,6-Dinitrotoluene	ND		ug/kg	180	31.	1
Fluoranthene	ND		ug/kg	110	21.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	180	19.	1
4-Bromophenyl phenyl ether	ND		ug/kg	180	28.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	220	31.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	200	18.	1
Hexachlorobutadiene	ND		ug/kg	180	27.	1
Hexachlorocyclopentadiene	ND		ug/kg	520	160	1
Hexachloroethane	ND		ug/kg	140	29.	1
Isophorone	ND		ug/kg	160	24.	1
Naphthalene	ND		ug/kg	180	22.	1
Nitrobenzene	ND		ug/kg	160	27.	1
NDPA/DPA	ND		ug/kg	140	21.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	180	28.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	180	63.	1
Butyl benzyl phthalate	ND		ug/kg	180	46.	1
Di-n-butylphthalate	ND		ug/kg	180	34.	1
Di-n-octylphthalate	ND		ug/kg	180	62.	1

Project Name: SUN VALLEY SITE**Lab Number:** L2353853**Project Number:** 12060 / PHASE 8**Report Date:** 09/21/23**SAMPLE RESULTS**

Lab ID: L2353853-11
 Client ID: COMP_D2(7-17)
 Sample Location: OSSINING, NY

Date Collected: 09/14/23 14:55
 Date Received: 09/14/23
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Diethyl phthalate	ND		ug/kg	180	17.	1
Dimethyl phthalate	ND		ug/kg	180	38.	1
Benzo(a)anthracene	ND		ug/kg	110	20.	1
Benzo(a)pyrene	ND		ug/kg	140	44.	1
Benzo(b)fluoranthene	ND		ug/kg	110	31.	1
Benzo(k)fluoranthene	ND		ug/kg	110	29.	1
Chrysene	ND		ug/kg	110	19.	1
Acenaphthylene	ND		ug/kg	140	28.	1
Anthracene	ND		ug/kg	110	35.	1
Benzo(ghi)perylene	ND		ug/kg	140	21.	1
Fluorene	ND		ug/kg	180	18.	1
Phenanthrene	ND		ug/kg	110	22.	1
Dibenzo(a,h)anthracene	ND		ug/kg	110	21.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	140	25.	1
Pyrene	ND		ug/kg	110	18.	1
Biphenyl	ND		ug/kg	410	24.	1
4-Chloroaniline	ND		ug/kg	180	33.	1
2-Nitroaniline	ND		ug/kg	180	35.	1
3-Nitroaniline	ND		ug/kg	180	34.	1
4-Nitroaniline	ND		ug/kg	180	75.	1
Dibenzofuran	ND		ug/kg	180	17.	1
2-Methylnaphthalene	ND		ug/kg	220	22.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	180	19.	1
Acetophenone	ND		ug/kg	180	22.	1
2,4,6-Trichlorophenol	ND		ug/kg	110	34.	1
p-Chloro-m-cresol	ND		ug/kg	180	27.	1
2-Chlorophenol	ND		ug/kg	180	22.	1
2,4-Dichlorophenol	ND		ug/kg	160	29.	1
2,4-Dimethylphenol	ND		ug/kg	180	60.	1
2-Nitrophenol	ND		ug/kg	390	68.	1
4-Nitrophenol	ND		ug/kg	250	74.	1
2,4-Dinitrophenol	ND		ug/kg	870	85.	1
4,6-Dinitro-o-cresol	ND		ug/kg	470	87.	1
Pentachlorophenol	ND		ug/kg	140	40.	1
Phenol	ND		ug/kg	180	27.	1
2-Methylphenol	ND		ug/kg	180	28.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	260	28.	1

Project Name: SUN VALLEY SITE
Project Number: 12060 / PHASE 8

Lab Number: L2353853
Report Date: 09/21/23

SAMPLE RESULTS

Lab ID: L2353853-11
Client ID: COMP_D2(7-17)
Sample Location: OSSINING, NY

Date Collected: 09/14/23 14:55
Date Received: 09/14/23
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	180	35.	1
Benzoic Acid	ND		ug/kg	590	180	1
Benzyl Alcohol	ND		ug/kg	180	56.	1
Carbazole	ND		ug/kg	180	18.	1
1,4-Dioxane	ND		ug/kg	27	8.4	1

Tentatively Identified Compounds

Total TIC Compounds	2600	J	ug/kg			1
Unknown	240	J	ug/kg			1
Unknown	980	J	ug/kg			1
Unknown	230	J	ug/kg			1
Unknown	482	J	ug/kg			1
Unknown	447	J	ug/kg			1
Unknown Organic Acid	224	J	ug/kg			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	76		25-120
Phenol-d6	76		10-120
Nitrobenzene-d5	79		23-120
2-Fluorobiphenyl	69		30-120
2,4,6-Tribromophenol	60		10-136
4-Terphenyl-d14	63		18-120

Project Name: SUN VALLEY SITE
Project Number: 12060 / PHASE 8

Lab Number: L2353853
Report Date: 09/21/23

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 09/17/23 21:22
Analyst: CMM

Extraction Method: EPA 3546
Extraction Date: 09/16/23 01:26

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01,03,05,07,09,11 Batch: WG1828151-1					
Acenaphthene	ND		ug/kg	130	17.
1,2,4-Trichlorobenzene	ND		ug/kg	160	18.
Hexachlorobenzene	ND		ug/kg	97	18.
Bis(2-chloroethyl)ether	ND		ug/kg	140	22.
2-Chloronaphthalene	ND		ug/kg	160	16.
1,2-Dichlorobenzene	ND		ug/kg	160	29.
1,3-Dichlorobenzene	ND		ug/kg	160	28.
1,4-Dichlorobenzene	ND		ug/kg	160	28.
3,3'-Dichlorobenzidine	ND		ug/kg	160	43.
2,4-Dinitrotoluene	ND		ug/kg	160	32.
2,6-Dinitrotoluene	ND		ug/kg	160	28.
Fluoranthene	ND		ug/kg	97	18.
4-Chlorophenyl phenyl ether	ND		ug/kg	160	17.
4-Bromophenyl phenyl ether	ND		ug/kg	160	25.
Bis(2-chloroisopropyl)ether	ND		ug/kg	190	28.
Bis(2-chloroethoxy)methane	ND		ug/kg	170	16.
Hexachlorobutadiene	ND		ug/kg	160	24.
Hexachlorocyclopentadiene	ND		ug/kg	460	150
Hexachloroethane	ND		ug/kg	130	26.
Isophorone	ND		ug/kg	140	21.
Naphthalene	ND		ug/kg	160	20.
Nitrobenzene	ND		ug/kg	140	24.
NDPA/DPA	ND		ug/kg	130	18.
n-Nitrosodi-n-propylamine	ND		ug/kg	160	25.
Bis(2-ethylhexyl)phthalate	ND		ug/kg	160	56.
Butyl benzyl phthalate	ND		ug/kg	160	41.
Di-n-butylphthalate	ND		ug/kg	160	31.
Di-n-octylphthalate	ND		ug/kg	160	55.
Diethyl phthalate	ND		ug/kg	160	15.

Project Name: SUN VALLEY SITE
Project Number: 12060 / PHASE 8

Lab Number: L2353853
Report Date: 09/21/23

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 09/17/23 21:22
Analyst: CMM

Extraction Method: EPA 3546
Extraction Date: 09/16/23 01:26

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01,03,05,07,09,11 Batch: WG1828151-1					
Dimethyl phthalate	ND		ug/kg	160	34.
Benzo(a)anthracene	ND		ug/kg	97	18.
Benzo(a)pyrene	ND		ug/kg	130	40.
Benzo(b)fluoranthene	ND		ug/kg	97	27.
Benzo(k)fluoranthene	ND		ug/kg	97	26.
Chrysene	ND		ug/kg	97	17.
Acenaphthylene	ND		ug/kg	130	25.
Anthracene	ND		ug/kg	97	32.
Benzo(ghi)perylene	ND		ug/kg	130	19.
Fluorene	ND		ug/kg	160	16.
Phenanthrene	ND		ug/kg	97	20.
Dibenzo(a,h)anthracene	ND		ug/kg	97	19.
Indeno(1,2,3-cd)pyrene	ND		ug/kg	130	22.
Pyrene	ND		ug/kg	97	16.
Biphenyl	ND		ug/kg	370	21.
4-Chloroaniline	ND		ug/kg	160	29.
2-Nitroaniline	ND		ug/kg	160	31.
3-Nitroaniline	ND		ug/kg	160	30.
4-Nitroaniline	ND		ug/kg	160	67.
Dibenzofuran	ND		ug/kg	160	15.
2-Methylnaphthalene	ND		ug/kg	190	20.
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	160	17.
Acetophenone	ND		ug/kg	160	20.
2,4,6-Trichlorophenol	ND		ug/kg	97	31.
p-Chloro-m-cresol	ND		ug/kg	160	24.
2-Chlorophenol	ND		ug/kg	160	19.
2,4-Dichlorophenol	ND		ug/kg	140	26.
2,4-Dimethylphenol	ND		ug/kg	160	53.
2-Nitrophenol	ND		ug/kg	350	61.

Project Name: SUN VALLEY SITE
Project Number: 12060 / PHASE 8

Lab Number: L2353853
Report Date: 09/21/23

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 09/17/23 21:22
Analyst: CMM

Extraction Method: EPA 3546
Extraction Date: 09/16/23 01:26

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01,03,05,07,09,11 Batch: WG1828151-1					
4-Nitrophenol	ND		ug/kg	230	66.
2,4-Dinitrophenol	ND		ug/kg	780	75.
4,6-Dinitro-o-cresol	ND		ug/kg	420	78.
Pentachlorophenol	ND		ug/kg	130	36.
Phenol	ND		ug/kg	160	24.
2-Methylphenol	ND		ug/kg	160	25.
3-Methylphenol/4-Methylphenol	ND		ug/kg	230	25.
2,4,5-Trichlorophenol	ND		ug/kg	160	31.
Benzoic Acid	ND		ug/kg	520	160
Benzyl Alcohol	ND		ug/kg	160	50.
Carbazole	ND		ug/kg	160	16.
1,4-Dioxane	ND		ug/kg	24	7.4

Tentatively Identified Compounds

No Tentatively Identified Compounds ND ug/kg

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	108		25-120
Phenol-d6	103		10-120
Nitrobenzene-d5	93		23-120
2-Fluorobiphenyl	86		30-120
2,4,6-Tribromophenol	108		10-136
4-Terphenyl-d14	100		18-120



Lab Control Sample Analysis **Batch Quality Control**

Project Name: SUN VALLEY SITE

Project Number: 12060 / PHASE 8

Lab Number: L2353853

Report Date: 09/21/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01,03,05,07,09,11 Batch: WG1828151-2 WG1828151-3								
Acenaphthene	47		47		31-137	0		50
1,2,4-Trichlorobenzene	51		49		38-107	4		50
Hexachlorobenzene	42		42		40-140	0		50
Bis(2-chloroethyl)ether	49		49		40-140	0		50
2-Chloronaphthalene	49		48		40-140	2		50
1,2-Dichlorobenzene	49		48		40-140	2		50
1,3-Dichlorobenzene	48		48		40-140	0		50
1,4-Dichlorobenzene	48		49		28-104	2		50
3,3'-Dichlorobenzidine	36	Q	35	Q	40-140	3		50
2,4-Dinitrotoluene	56		55		40-132	2		50
2,6-Dinitrotoluene	54		54		40-140	0		50
Fluoranthene	48		47		40-140	2		50
4-Chlorophenyl phenyl ether	46		46		40-140	0		50
4-Bromophenyl phenyl ether	45		44		40-140	2		50
Bis(2-chloroisopropyl)ether	42		40		40-140	5		50
Bis(2-chloroethoxy)methane	55		53		40-117	4		50
Hexachlorobutadiene	47		45		40-140	4		50
Hexachlorocyclopentadiene	47		46		40-140	2		50
Hexachloroethane	52		50		40-140	4		50
Isophorone	55		54		40-140	2		50
Naphthalene	48		47		40-140	2		50
Nitrobenzene	55		54		40-140	2		50
NDPA/DPA	50		48		36-157	4		50

Lab Control Sample Analysis

Batch Quality Control

Project Name: SUN VALLEY SITE

Project Number: 12060 / PHASE 8

Lab Number: L2353853

Report Date: 09/21/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01,03,05,07,09,11 Batch: WG1828151-2 WG1828151-3								
n-Nitrosodi-n-propylamine	56		54		32-121	4		50
Bis(2-ethylhexyl)phthalate	55		54		40-140	2		50
Butyl benzyl phthalate	55		54		40-140	2		50
Di-n-butylphthalate	58		57		40-140	2		50
Di-n-octylphthalate	56		55		40-140	2		50
Diethyl phthalate	53		51		40-140	4		50
Dimethyl phthalate	52		49		40-140	6		50
Benzo(a)anthracene	48		47		40-140	2		50
Benzo(a)pyrene	52		49		40-140	6		50
Benzo(b)fluoranthene	47		44		40-140	7		50
Benzo(k)fluoranthene	45		45		40-140	0		50
Chrysene	45		44		40-140	2		50
Acenaphthylene	55		54		40-140	2		50
Anthracene	48		46		40-140	4		50
Benzo(ghi)perylene	46		45		40-140	2		50
Fluorene	49		48		40-140	2		50
Phenanthrene	46		45		40-140	2		50
Dibenzo(a,h)anthracene	46		45		40-140	2		50
Indeno(1,2,3-cd)pyrene	56		54		40-140	4		50
Pyrene	46		46		35-142	0		50
Biphenyl	51		50		37-127	2		50
4-Chloroaniline	42		40		40-140	5		50
2-Nitroaniline	59		56		47-134	5		50

Lab Control Sample Analysis

Batch Quality Control

Project Name: SUN VALLEY SITE

Project Number: 12060 / PHASE 8

Lab Number: L2353853

Report Date: 09/21/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01,03,05,07,09,11 Batch: WG1828151-2 WG1828151-3								
3-Nitroaniline	47		45		26-129	4		50
4-Nitroaniline	53		51		41-125	4		50
Dibenzofuran	48		47		40-140	2		50
2-Methylnaphthalene	50		49		40-140	2		50
1,2,4,5-Tetrachlorobenzene	48		48		40-117	0		50
Acetophenone	54		52		14-144	4		50
2,4,6-Trichlorophenol	54		54		30-130	0		50
p-Chloro-m-cresol	56		53		26-103	6		50
2-Chlorophenol	54		54		25-102	0		50
2,4-Dichlorophenol	55		54		30-130	2		50
2,4-Dimethylphenol	48		47		30-130	2		50
2-Nitrophenol	66		63		30-130	5		50
4-Nitrophenol	57		56		11-114	2		50
2,4-Dinitrophenol	55		60		4-130	9		50
4,6-Dinitro-o-cresol	61		61		10-130	0		50
Pentachlorophenol	47		47		17-109	0		50
Phenol	53		52		26-90	2		50
2-Methylphenol	54		52		30-130	4		50
3-Methylphenol/4-Methylphenol	55		55		30-130	0		50
2,4,5-Trichlorophenol	53		53		30-130	0		50
Benzoic Acid	29		42		10-110	37		50
Benzyl Alcohol	57		56		40-140	2		50
Carbazole	49	Q	48	Q	54-128	2		50

Lab Control Sample Analysis

Batch Quality Control

Project Name: SUN VALLEY SITE

Project Number: 12060 / PHASE 8

Lab Number: L2353853

Report Date: 09/21/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01,03,05,07,09,11 Batch: WG1828151-2 WG1828151-3								
1,4-Dioxane	39	Q	39	Q	40-140	0		50

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	55		51		25-120
Phenol-d6	54		50		10-120
Nitrobenzene-d5	58		54		23-120
2-Fluorobiphenyl	50		46		30-120
2,4,6-Tribromophenol	45		41		10-136
4-Terphenyl-d14	45		40		18-120

PETROLEUM HYDROCARBONS

Project Name: SUN VALLEY SITE
Project Number: 12060 / PHASE 8

Lab Number: L2353853
Report Date: 09/21/23

SAMPLE RESULTS

Lab ID: L2353853-01
 Client ID: COMP_D1(0-7)
 Sample Location: OSSINING, NY

Date Collected: 09/14/23 09:50
 Date Received: 09/14/23
 Field Prep: Not Specified

Sample Depth:
 Matrix: Soil
 Analytical Method: 103,NJDEP EPH
 Analytical Date: 09/16/23 13:53
 Analyst: SC
 Percent Solids: 91%

Extraction Method: EPA 3546
 Extraction Date: 09/15/23 21:45

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
NJ Extractable Petroleum Hydrocarbons (Total) - Westborough Lab						
Total EPH	ND		mg/kg	25.9	25.9	1
Surrogate	% Recovery		Qualifier	Acceptance Criteria		
Chloro-Octadecane	91			40-140		
o-Terphenyl	90			40-140		

Project Name: SUN VALLEY SITE
Project Number: 12060 / PHASE 8

Lab Number: L2353853
Report Date: 09/21/23

SAMPLE RESULTS

Lab ID: L2353853-03
 Client ID: COMP_C2(0-7)
 Sample Location: OSSINING, NY

Date Collected: 09/14/23 12:45
 Date Received: 09/14/23
 Field Prep: Not Specified

Sample Depth:
 Matrix: Soil
 Analytical Method: 103,NJDEP EPH
 Analytical Date: 09/16/23 13:18
 Analyst: SC
 Percent Solids: 89%

Extraction Method: EPA 3546
 Extraction Date: 09/15/23 21:45

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
NJ Extractable Petroleum Hydrocarbons (Total) - Westborough Lab						
Total EPH	75.8		mg/kg	25.7	25.7	1
Surrogate	% Recovery		Qualifier	Acceptance Criteria		
Chloro-Octadecane	87			40-140		
o-Terphenyl	88			40-140		

Project Name: SUN VALLEY SITE
Project Number: 12060 / PHASE 8

Lab Number: L2353853
Report Date: 09/21/23

SAMPLE RESULTS

Lab ID: L2353853-05
Client ID: COMP_D1(7-15)
Sample Location: OSSINING, NY

Date Collected: 09/14/23 09:55
Date Received: 09/14/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 103,NJDEP EPH
Analytical Date: 09/16/23 15:42
Analyst: SC
Percent Solids: 93%

Extraction Method: EPA 3546
Extraction Date: 09/15/23 21:45

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
NJ Extractable Petroleum Hydrocarbons (Total) - Westborough Lab						
Total EPH	29.7		mg/kg	25.1	25.1	1
Surrogate	% Recovery		Qualifier	Acceptance Criteria		
Chloro-Octadecane	79			40-140		
o-Terphenyl	79			40-140		

Project Name: SUN VALLEY SITE
Project Number: 12060 / PHASE 8

Lab Number: L2353853
Report Date: 09/21/23

SAMPLE RESULTS

Lab ID: L2353853-07
Client ID: COMP_C2(7-17)
Sample Location: OSSINING, NY

Date Collected: 09/14/23 12:55
Date Received: 09/14/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 103,NJDEP EPH
Analytical Date: 09/16/23 12:43
Analyst: SC
Percent Solids: 92%

Extraction Method: EPA 3546
Extraction Date: 09/15/23 21:45

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
NJ Extractable Petroleum Hydrocarbons (Total) - Westborough Lab						
Total EPH	ND		mg/kg	25.4	25.4	1
Surrogate	% Recovery		Qualifier	Acceptance Criteria		
Chloro-Octadecane	77			40-140		
o-Terphenyl	76			40-140		

Project Name: SUN VALLEY SITE
Project Number: 12060 / PHASE 8

Lab Number: L2353853
Report Date: 09/21/23

SAMPLE RESULTS

Lab ID: L2353853-09
Client ID: COMP_D2(0-7)
Sample Location: OSSINING, NY

Date Collected: 09/14/23 14:45
Date Received: 09/14/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 103,NJDEP EPH
Analytical Date: 09/16/23 11:32
Analyst: SC
Percent Solids: 91%

Extraction Method: EPA 3546
Extraction Date: 09/15/23 21:45

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
NJ Extractable Petroleum Hydrocarbons (Total) - Westborough Lab						
Total EPH	ND		mg/kg	25.5	25.5	1
Surrogate	% Recovery		Qualifier	Acceptance Criteria		
Chloro-Octadecane	77			40-140		
o-Terphenyl	78			40-140		

Project Name: SUN VALLEY SITE
Project Number: 12060 / PHASE 8

Lab Number: L2353853
Report Date: 09/21/23

SAMPLE RESULTS

Lab ID: L2353853-11
Client ID: COMP_D2(7-17)
Sample Location: OSSINING, NY

Date Collected: 09/14/23 14:55
Date Received: 09/14/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 103,NJDEP EPH
Analytical Date: 09/16/23 12:08
Analyst: SC
Percent Solids: 91%

Extraction Method: EPA 3546
Extraction Date: 09/15/23 21:45

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
NJ Extractable Petroleum Hydrocarbons (Total) - Westborough Lab						
Total EPH	ND		mg/kg	25.7	25.7	1
Surrogate	% Recovery		Qualifier	Acceptance Criteria		
Chloro-Octadecane	87			40-140		
o-Terphenyl	88			40-140		

Project Name: SUN VALLEY SITE
Project Number: 12060 / PHASE 8

Lab Number: L2353853
Report Date: 09/21/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 103,NJDEP EPH
Analytical Date: 09/16/23 10:57
Analyst: SC

Extraction Method: EPA 3546
Extraction Date: 09/15/23 21:45

Parameter	Result	Qualifier	Units	RL	MDL
NJ Extractable Petroleum Hydrocarbons (Total) - Westborough Lab for sample(s): 01,03,05,07,09,11 Batch: WG1828132-1					
Total EPH	ND		mg/kg	23.7	23.7

Surrogate	%Recovery	Qualifier	Acceptance Criteria
Chloro-Octadecane	82		40-140
o-Terphenyl	83		40-140

Lab Control Sample Analysis

Batch Quality Control

Project Name: SUN VALLEY SITE

Project Number: 12060 / PHASE 8

Lab Number: L2353853

Report Date: 09/21/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
NJ Extractable Petroleum Hydrocarbons (Total) - Westborough Lab Associated sample(s): 01,03,05,07,09,11 Batch: WG1828132-2 WG1828132-3								
Total EPH	103		105		40-140	2		25
Nonane (C9)	110		102		40-140	8		25
Decane (C10)	110		104		40-140	6		25
Dodecane (C12)	105		101		40-140	4		25
Tetradecane (C14)	98		97		40-140	1		25
Hexadecane (C16)	95		96		40-140	1		25
Octadecane (C18)	97		102		40-140	5		25
Eicosane (C20)	88		94		40-140	7		25
Heneicosane (C21)	91		97		40-140	6		25
Docosane (C22)	90		97		40-140	7		25
Tetracosane (C24)	90		97		40-140	7		25
Hexacosane (C26)	89		96		40-140	8		25
Octacosane (C28)	90		96		40-140	6		25
triacontane (C30)	90		96		40-140	6		25
Dotriacontane (C32)	91		97		40-140	6		25
Tetratriacontane (C34)	90		94		40-140	4		25
Hexatriacontane (C36)	92		94		40-140	2		25
Octatriacontane (C38)	90		91		40-140	1		25
Tetracontane (C40)	91		92		40-140	1		25

Lab Control Sample Analysis Batch Quality Control

Project Name: SUN VALLEY SITE

Lab Number: L2353853

Project Number: 12060 / PHASE 8

Report Date: 09/21/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
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NJ Extractable Petroleum Hydrocarbons (Total) - Westborough Lab Associated sample(s): 01,03,05,07,09,11 Batch: WG1828132-2 WG1828132-3

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
Chloro-Octadecane	81		85		40-140
o-Terphenyl	83		85		40-140

Matrix Spike Analysis

Batch Quality Control

Project Name: SUN VALLEY SITE

Project Number: 12060 / PHASE 8

Lab Number: L2353853

Report Date: 09/21/23

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
NJ Extractable Petroleum Hydrocarbons (Total) - Westborough Lab 01 Client ID: COMP_D1(0-7) Associated sample(s): 01,03,05,07,09,11 QC Batch ID: WG1828132-4 QC Sample: L2353853-												
Total EPH	ND	259	304	117		-	-		40-140	-		50
Nonane (C9)	ND	7.19	8.09	113		-	-		40-140	-		50
Decane (C10)	ND	7.19	8.13	113		-	-		40-140	-		50
Dodecane (C12)	ND	7.19	7.80	109		-	-		40-140	-		50
Tetradecane (C14)	ND	7.19	7.38	103		-	-		40-140	-		50
Hexadecane (C16)	ND	7.19	7.28	101		-	-		40-140	-		50
Octadecane (C18)	ND	7.19	7.61	106		-	-		40-140	-		50
Eicosane (C20)	ND	7.19	7.07	98		-	-		40-140	-		50
Heneicosane (C21)	ND	7.19	7.29	101		-	-		40-140	-		50
Docosane (C22)	ND	7.19	7.28	101		-	-		40-140	-		50
Tetracosane (C24)	ND	7.19	7.26	101		-	-		40-140	-		50
Hexacosane (C26)	ND	7.19	7.24	101		-	-		40-140	-		50
Octacosane (C28)	ND	7.19	7.28	101		-	-		40-140	-		50
triacontane (C30)	ND	7.19	7.28	101		-	-		40-140	-		50
Dotriacontane (C32)	ND	7.19	7.41	103		-	-		40-140	-		50
Tetratriacontane (C34)	ND	7.19	7.10	99		-	-		40-140	-		50
Hexatriacontane (C36)	ND	7.19	7.04	98		-	-		40-140	-		50
Octatriacontane (C38)	ND	7.19	6.76	94		-	-		40-140	-		50
Tetracontane (C40)	ND	7.19	6.85	95		-	-		40-140	-		50

Surrogate	MS % Recovery	MS Qualifier	MSD % Recovery	MSD Qualifier	Acceptance Criteria
Chloro-Octadecane	87				40-140

Matrix Spike Analysis**Batch Quality Control****Project Name:** SUN VALLEY SITE**Lab Number:** L2353853**Project Number:** 12060 / PHASE 8**Report Date:** 09/21/23

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
NJ Extractable Petroleum Hydrocarbons (Total) - Westborough Lab Associated sample(s): 01,03,05,07,09,11 QC Batch ID: WG1828132-4 QC Sample: L2353853-01 Client ID: COMP_D1(0-7)												

Surrogate	MS % Recovery	Qualifier	MSD % Recovery	Qualifier	Acceptance Criteria
o-Terphenyl	87				40-140

Lab Duplicate Analysis Batch Quality Control

Project Name: SUN VALLEY SITE

Project Number: 12060 / PHASE 8

Lab Number: L2353853

Report Date: 09/21/23

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
NJ Extractable Petroleum Hydrocarbons (Total) - Westborough Lab Associated sample(s): 01,03,05,07,09,11 QC Batch ID: WG1828132-5 QC Sample: L2353853-01 Client ID: COMP_D1(0-7)						
Total EPH	ND	ND	mg/kg	NC		50

Surrogate	%Recovery	Qualifier	%Recovery	Qualifier	Acceptance Criteria
Chloro-Octadecane	91		92		40-140
o-Terphenyl	90		92		40-140

PCBS

Project Name: SUN VALLEY SITE
Project Number: 12060 / PHASE 8

Lab Number: L2353853
Report Date: 09/21/23

SAMPLE RESULTS

Lab ID: L2353853-01
Client ID: COMP_D1(0-7)
Sample Location: OSSINING, NY

Date Collected: 09/14/23 09:50
Date Received: 09/14/23
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 09/16/23 11:47
Analyst: AD
Percent Solids: 91%

Extraction Method: EPA 3546
Extraction Date: 09/16/23 00:24
Cleanup Method: EPA 3665A
Cleanup Date: 09/16/23
Cleanup Method: EPA 3660B
Cleanup Date: 09/16/23

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	52.2	4.64	1	A
Aroclor 1221	ND		ug/kg	52.2	5.23	1	A
Aroclor 1232	ND		ug/kg	52.2	11.1	1	A
Aroclor 1242	ND		ug/kg	52.2	7.04	1	A
Aroclor 1248	ND		ug/kg	52.2	7.83	1	A
Aroclor 1254	ND		ug/kg	52.2	5.71	1	A
Aroclor 1260	ND		ug/kg	52.2	9.65	1	A
Aroclor 1262	ND		ug/kg	52.2	6.63	1	A
Aroclor 1268	ND		ug/kg	52.2	5.41	1	A
PCBs, Total	ND		ug/kg	52.2	4.64	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	83		30-150	A
Decachlorobiphenyl	77		30-150	A
2,4,5,6-Tetrachloro-m-xylene	86		30-150	B
Decachlorobiphenyl	80		30-150	B

Project Name: SUN VALLEY SITE
Project Number: 12060 / PHASE 8

Lab Number: L2353853
Report Date: 09/21/23

SAMPLE RESULTS

Lab ID: L2353853-03
Client ID: COMP_C2(0-7)
Sample Location: OSSINING, NY

Date Collected: 09/14/23 12:45
Date Received: 09/14/23
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 09/16/23 09:43
Analyst: AD
Percent Solids: 89%

Extraction Method: EPA 3546
Extraction Date: 09/16/23 00:24
Cleanup Method: EPA 3665A
Cleanup Date: 09/16/23
Cleanup Method: EPA 3660B
Cleanup Date: 09/16/23

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	51.5	4.58	1	A
Aroclor 1221	ND		ug/kg	51.5	5.16	1	A
Aroclor 1232	ND		ug/kg	51.5	10.9	1	A
Aroclor 1242	ND		ug/kg	51.5	6.95	1	A
Aroclor 1248	ND		ug/kg	51.5	7.73	1	A
Aroclor 1254	ND		ug/kg	51.5	5.64	1	A
Aroclor 1260	ND		ug/kg	51.5	9.52	1	A
Aroclor 1262	ND		ug/kg	51.5	6.54	1	A
Aroclor 1268	ND		ug/kg	51.5	5.34	1	A
PCBs, Total	ND		ug/kg	51.5	4.58	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	86		30-150	A
Decachlorobiphenyl	83		30-150	A
2,4,5,6-Tetrachloro-m-xylene	90		30-150	B
Decachlorobiphenyl	116		30-150	B

Project Name: SUN VALLEY SITE
Project Number: 12060 / PHASE 8

Lab Number: L2353853
Report Date: 09/21/23

SAMPLE RESULTS

Lab ID: L2353853-05
Client ID: COMP_D1(7-15)
Sample Location: OSSINING, NY

Date Collected: 09/14/23 09:55
Date Received: 09/14/23
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 09/16/23 09:51
Analyst: AD
Percent Solids: 93%

Extraction Method: EPA 3546
Extraction Date: 09/16/23 00:24
Cleanup Method: EPA 3665A
Cleanup Date: 09/16/23
Cleanup Method: EPA 3660B
Cleanup Date: 09/16/23

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	51.6	4.58	1	A
Aroclor 1221	ND		ug/kg	51.6	5.17	1	A
Aroclor 1232	ND		ug/kg	51.6	10.9	1	A
Aroclor 1242	ND		ug/kg	51.6	6.96	1	A
Aroclor 1248	ND		ug/kg	51.6	7.74	1	A
Aroclor 1254	ND		ug/kg	51.6	5.64	1	A
Aroclor 1260	ND		ug/kg	51.6	9.54	1	A
Aroclor 1262	ND		ug/kg	51.6	6.55	1	A
Aroclor 1268	ND		ug/kg	51.6	5.35	1	A
PCBs, Total	ND		ug/kg	51.6	4.58	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	95		30-150	A
Decachlorobiphenyl	89		30-150	A
2,4,5,6-Tetrachloro-m-xylene	102		30-150	B
Decachlorobiphenyl	99		30-150	B

Project Name: SUN VALLEY SITE
Project Number: 12060 / PHASE 8

Lab Number: L2353853
Report Date: 09/21/23

SAMPLE RESULTS

Lab ID: L2353853-07
Client ID: COMP_C2(7-17)
Sample Location: OSSINING, NY

Date Collected: 09/14/23 12:55
Date Received: 09/14/23
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 09/16/23 09:59
Analyst: AD
Percent Solids: 92%

Extraction Method: EPA 3546
Extraction Date: 09/16/23 00:24
Cleanup Method: EPA 3665A
Cleanup Date: 09/16/23
Cleanup Method: EPA 3660B
Cleanup Date: 09/16/23

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	51.5	4.58	1	A
Aroclor 1221	ND		ug/kg	51.5	5.16	1	A
Aroclor 1232	ND		ug/kg	51.5	10.9	1	A
Aroclor 1242	ND		ug/kg	51.5	6.95	1	A
Aroclor 1248	ND		ug/kg	51.5	7.73	1	A
Aroclor 1254	ND		ug/kg	51.5	5.64	1	A
Aroclor 1260	ND		ug/kg	51.5	9.52	1	A
Aroclor 1262	ND		ug/kg	51.5	6.55	1	A
Aroclor 1268	ND		ug/kg	51.5	5.34	1	A
PCBs, Total	ND		ug/kg	51.5	4.58	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	95		30-150	A
Decachlorobiphenyl	92		30-150	A
2,4,5,6-Tetrachloro-m-xylene	100		30-150	B
Decachlorobiphenyl	101		30-150	B

Project Name: SUN VALLEY SITE
Project Number: 12060 / PHASE 8

Lab Number: L2353853
Report Date: 09/21/23

SAMPLE RESULTS

Lab ID: L2353853-09
Client ID: COMP_D2(0-7)
Sample Location: OSSINING, NY

Date Collected: 09/14/23 14:45
Date Received: 09/14/23
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 09/16/23 10:07
Analyst: AD
Percent Solids: 91%

Extraction Method: EPA 3546
Extraction Date: 09/16/23 00:24
Cleanup Method: EPA 3665A
Cleanup Date: 09/16/23
Cleanup Method: EPA 3660B
Cleanup Date: 09/16/23

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	50.6	4.50	1	A
Aroclor 1221	ND		ug/kg	50.6	5.07	1	A
Aroclor 1232	ND		ug/kg	50.6	10.7	1	A
Aroclor 1242	ND		ug/kg	50.6	6.82	1	A
Aroclor 1248	ND		ug/kg	50.6	7.59	1	A
Aroclor 1254	ND		ug/kg	50.6	5.54	1	A
Aroclor 1260	ND		ug/kg	50.6	9.35	1	A
Aroclor 1262	ND		ug/kg	50.6	6.43	1	A
Aroclor 1268	ND		ug/kg	50.6	5.24	1	A
PCBs, Total	ND		ug/kg	50.6	4.50	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	80		30-150	A
Decachlorobiphenyl	75		30-150	A
2,4,5,6-Tetrachloro-m-xylene	84		30-150	B
Decachlorobiphenyl	83		30-150	B

Project Name: SUN VALLEY SITE
Project Number: 12060 / PHASE 8

Lab Number: L2353853
Report Date: 09/21/23

SAMPLE RESULTS

Lab ID: L2353853-11
Client ID: COMP_D2(7-17)
Sample Location: OSSINING, NY

Date Collected: 09/14/23 14:55
Date Received: 09/14/23
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 09/16/23 10:15
Analyst: AD
Percent Solids: 91%

Extraction Method: EPA 3546
Extraction Date: 09/16/23 00:24
Cleanup Method: EPA 3665A
Cleanup Date: 09/16/23
Cleanup Method: EPA 3660B
Cleanup Date: 09/16/23

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	53.1	4.71	1	A
Aroclor 1221	ND		ug/kg	53.1	5.32	1	A
Aroclor 1232	ND		ug/kg	53.1	11.2	1	A
Aroclor 1242	ND		ug/kg	53.1	7.16	1	A
Aroclor 1248	ND		ug/kg	53.1	7.96	1	A
Aroclor 1254	ND		ug/kg	53.1	5.81	1	A
Aroclor 1260	ND		ug/kg	53.1	9.81	1	A
Aroclor 1262	ND		ug/kg	53.1	6.74	1	A
Aroclor 1268	ND		ug/kg	53.1	5.50	1	A
PCBs, Total	ND		ug/kg	53.1	4.71	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	85		30-150	A
Decachlorobiphenyl	85		30-150	A
2,4,5,6-Tetrachloro-m-xylene	89		30-150	B
Decachlorobiphenyl	92		30-150	B

Project Name: SUN VALLEY SITE
Project Number: 12060 / PHASE 8

Lab Number: L2353853
Report Date: 09/21/23

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8082A
Analytical Date: 09/16/23 11:56
Analyst: AD

Extraction Method: EPA 3546
Extraction Date: 09/16/23 00:24
Cleanup Method: EPA 3665A
Cleanup Date: 09/16/23
Cleanup Method: EPA 3660B
Cleanup Date: 09/16/23

Parameter	Result	Qualifier	Units	RL	MDL	Column
Polychlorinated Biphenyls by GC - Westborough Lab for sample(s): 01,03,05,07,09,11 Batch: WG1828150-1						
Aroclor 1016	ND		ug/kg	45.8	4.07	A
Aroclor 1221	ND		ug/kg	45.8	4.59	A
Aroclor 1232	ND		ug/kg	45.8	9.72	A
Aroclor 1242	ND		ug/kg	45.8	6.18	A
Aroclor 1248	ND		ug/kg	45.8	6.87	A
Aroclor 1254	ND		ug/kg	45.8	5.01	A
Aroclor 1260	ND		ug/kg	45.8	8.47	A
Aroclor 1262	ND		ug/kg	45.8	5.82	A
Aroclor 1268	ND		ug/kg	45.8	4.75	A
PCBs, Total	ND		ug/kg	45.8	4.07	A

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	82		30-150	A
Decachlorobiphenyl	76		30-150	A
2,4,5,6-Tetrachloro-m-xylene	85		30-150	B
Decachlorobiphenyl	77		30-150	B

Lab Control Sample Analysis Batch Quality Control

Project Name: SUN VALLEY SITE

Project Number: 12060 / PHASE 8

Lab Number: L2353853

Report Date: 09/21/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Polychlorinated Biphenyls by GC - Westborough Lab Associated sample(s): 01,03,05,07,09,11 Batch: WG1828150-2 WG1828150-3									
Aroclor 1016	84		88		40-140	5		50	A
Aroclor 1260	71		76		40-140	7		50	A

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	79		91		30-150	A
Decachlorobiphenyl	76		90		30-150	A
2,4,5,6-Tetrachloro-m-xylene	81		92		30-150	B
Decachlorobiphenyl	74		86		30-150	B

PESTICIDES

Project Name: SUN VALLEY SITE
Project Number: 12060 / PHASE 8

Lab Number: L2353853
Report Date: 09/21/23

SAMPLE RESULTS

Lab ID: L2353853-01
Client ID: COMP_D1(0-7)
Sample Location: OSSINING, NY

Date Collected: 09/14/23 09:50
Date Received: 09/14/23
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 09/18/23 11:53
Analyst: EJJ
Percent Solids: 91%

Extraction Method: EPA 3546
Extraction Date: 09/15/23 23:24
Cleanup Method: EPA 3620B
Cleanup Date: 09/16/23
Cleanup Method: EPA 3660B
Cleanup Date: 09/16/23

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.70	0.333	1	A
Lindane	ND		ug/kg	0.709	0.317	1	A
Alpha-BHC	ND		ug/kg	0.709	0.201	1	A
Beta-BHC	ND		ug/kg	1.70	0.645	1	A
Heptachlor	ND		ug/kg	0.850	0.381	1	A
Aldrin	ND		ug/kg	1.70	0.599	1	A
Heptachlor epoxide	ND		ug/kg	3.19	0.957	1	A
Endrin	ND		ug/kg	0.709	0.290	1	A
Endrin aldehyde	ND		ug/kg	2.12	0.744	1	A
Endrin ketone	ND		ug/kg	1.70	0.438	1	A
Dieldrin	ND		ug/kg	1.06	0.531	1	A
4,4'-DDE	ND		ug/kg	1.70	0.393	1	A
4,4'-DDD	ND		ug/kg	1.70	0.607	1	A
4,4'-DDT	ND		ug/kg	1.70	1.37	1	A
Endosulfan I	ND		ug/kg	1.70	0.402	1	A
Endosulfan II	ND		ug/kg	1.70	0.568	1	A
Endosulfan sulfate	ND		ug/kg	0.709	0.337	1	A
Methoxychlor	ND		ug/kg	3.19	0.992	1	A
Toxaphene	ND		ug/kg	31.9	8.93	1	A
cis-Chlordane	ND		ug/kg	2.12	0.592	1	A
trans-Chlordane	ND	IP	ug/kg	2.12	0.561	1	B
Chlordane	ND		ug/kg	14.2	5.63	1	A

Project Name: SUN VALLEY SITE**Lab Number:** L2353853**Project Number:** 12060 / PHASE 8**Report Date:** 09/21/23**SAMPLE RESULTS**

Lab ID: L2353853-01

Date Collected: 09/14/23 09:50

Client ID: COMP_D1(0-7)

Date Received: 09/14/23

Sample Location: OSSINING, NY

Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	80		30-150	A
Decachlorobiphenyl	93		30-150	A
2,4,5,6-Tetrachloro-m-xylene	88		30-150	B
Decachlorobiphenyl	89		30-150	B

Project Name: SUN VALLEY SITE
Project Number: 12060 / PHASE 8

Lab Number: L2353853
Report Date: 09/21/23

SAMPLE RESULTS

Lab ID: L2353853-01
Client ID: COMP_D1(0-7)
Sample Location: OSSINING, NY

Date Collected: 09/14/23 09:50
Date Received: 09/14/23
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8151A
Analytical Date: 09/18/23 14:20
Analyst: MMG
Percent Solids: 91%
Methylation Date: 09/18/23 01:55

Extraction Method: EPA 8151A
Extraction Date: 09/15/23 15:46

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
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Chlorinated Herbicides by GC - Westborough Lab

2,4-D	ND		ug/kg	181	11.4	1	A
2,4,5-T	ND		ug/kg	181	5.61	1	A
2,4,5-TP (Silvex)	ND		ug/kg	181	4.81	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
DCAA	83		30-150	A
DCAA	89		30-150	B

Project Name: SUN VALLEY SITE
Project Number: 12060 / PHASE 8

Lab Number: L2353853
Report Date: 09/21/23

SAMPLE RESULTS

Lab ID: L2353853-03
Client ID: COMP_C2(0-7)
Sample Location: OSSINING, NY

Date Collected: 09/14/23 12:45
Date Received: 09/14/23
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 09/18/23 12:04
Analyst: EJJ
Percent Solids: 89%

Extraction Method: EPA 3546
Extraction Date: 09/15/23 23:24
Cleanup Method: EPA 3620B
Cleanup Date: 09/16/23
Cleanup Method: EPA 3660B
Cleanup Date: 09/16/23

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.73	0.339	1	A
Lindane	ND		ug/kg	0.721	0.322	1	A
Alpha-BHC	ND		ug/kg	0.721	0.205	1	A
Beta-BHC	0.786	JIP	ug/kg	1.73	0.656	1	B
Heptachlor	ND		ug/kg	0.865	0.388	1	A
Aldrin	ND		ug/kg	1.73	0.609	1	A
Heptachlor epoxide	ND		ug/kg	3.24	0.973	1	A
Endrin	ND		ug/kg	0.721	0.296	1	A
Endrin aldehyde	ND		ug/kg	2.16	0.757	1	A
Endrin ketone	ND		ug/kg	1.73	0.445	1	A
Dieldrin	ND		ug/kg	1.08	0.541	1	A
4,4'-DDE	ND	IP	ug/kg	1.73	0.400	1	A
4,4'-DDD	ND		ug/kg	1.73	0.617	1	B
4,4'-DDT	ND		ug/kg	1.73	1.39	1	A
Endosulfan I	ND		ug/kg	1.73	0.409	1	A
Endosulfan II	ND		ug/kg	1.73	0.578	1	A
Endosulfan sulfate	ND		ug/kg	0.721	0.343	1	A
Methoxychlor	ND		ug/kg	3.24	1.01	1	A
Toxaphene	ND		ug/kg	32.4	9.08	1	A
cis-Chlordane	ND		ug/kg	2.16	0.603	1	A
trans-Chlordane	ND		ug/kg	2.16	0.571	1	A
Chlordane	ND		ug/kg	14.4	5.73	1	A

Project Name: SUN VALLEY SITE**Lab Number:** L2353853**Project Number:** 12060 / PHASE 8**Report Date:** 09/21/23**SAMPLE RESULTS**

Lab ID: L2353853-03

Date Collected: 09/14/23 12:45

Client ID: COMP_C2(0-7)

Date Received: 09/14/23

Sample Location: OSSINING, NY

Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	67		30-150	A
Decachlorobiphenyl	75		30-150	A
2,4,5,6-Tetrachloro-m-xylene	66		30-150	B
Decachlorobiphenyl	81		30-150	B

Project Name: SUN VALLEY SITE
Project Number: 12060 / PHASE 8

Lab Number: L2353853
Report Date: 09/21/23

SAMPLE RESULTS

Lab ID: L2353853-03
Client ID: COMP_C2(0-7)
Sample Location: OSSINING, NY

Date Collected: 09/14/23 12:45
Date Received: 09/14/23
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8151A
Analytical Date: 09/18/23 14:38
Analyst: MMG
Percent Solids: 89%
Methylation Date: 09/18/23 01:55

Extraction Method: EPA 8151A
Extraction Date: 09/15/23 15:46

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
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Chlorinated Herbicides by GC - Westborough Lab

2,4-D	ND		ug/kg	182	11.4	1	A
2,4,5-T	ND		ug/kg	182	5.64	1	A
2,4,5-TP (Silvex)	ND		ug/kg	182	4.84	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
DCAA	84		30-150	A
DCAA	97		30-150	B

Project Name: SUN VALLEY SITE
Project Number: 12060 / PHASE 8

Lab Number: L2353853
Report Date: 09/21/23

SAMPLE RESULTS

Lab ID: L2353853-05
Client ID: COMP_D1(7-15)
Sample Location: OSSINING, NY

Date Collected: 09/14/23 09:55
Date Received: 09/14/23
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 09/18/23 12:15
Analyst: EJL
Percent Solids: 93%

Extraction Method: EPA 3546
Extraction Date: 09/15/23 23:24
Cleanup Method: EPA 3620B
Cleanup Date: 09/16/23
Cleanup Method: EPA 3660B
Cleanup Date: 09/16/23

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.63	0.320	1	A
Lindane	ND		ug/kg	0.681	0.304	1	A
Alpha-BHC	ND		ug/kg	0.681	0.193	1	A
Beta-BHC	ND		ug/kg	1.63	0.620	1	A
Heptachlor	ND		ug/kg	0.817	0.366	1	A
Aldrin	ND		ug/kg	1.63	0.575	1	A
Heptachlor epoxide	ND		ug/kg	3.06	0.919	1	A
Endrin	ND		ug/kg	0.681	0.279	1	A
Endrin aldehyde	ND		ug/kg	2.04	0.715	1	A
Endrin ketone	ND		ug/kg	1.63	0.421	1	A
Dieldrin	ND		ug/kg	1.02	0.511	1	A
4,4'-DDE	ND		ug/kg	1.63	0.378	1	A
4,4'-DDD	ND		ug/kg	1.63	0.583	1	A
4,4'-DDT	ND		ug/kg	1.63	1.31	1	A
Endosulfan I	ND		ug/kg	1.63	0.386	1	A
Endosulfan II	ND		ug/kg	1.63	0.546	1	A
Endosulfan sulfate	ND		ug/kg	0.681	0.324	1	A
Methoxychlor	ND		ug/kg	3.06	0.953	1	A
Toxaphene	ND		ug/kg	30.6	8.58	1	A
cis-Chlordane	ND		ug/kg	2.04	0.569	1	A
trans-Chlordane	ND		ug/kg	2.04	0.539	1	A
Chlordane	ND		ug/kg	13.6	5.41	1	A

Project Name: SUN VALLEY SITE
Project Number: 12060 / PHASE 8

Lab Number: L2353853
Report Date: 09/21/23

SAMPLE RESULTS

Lab ID: L2353853-05
Client ID: COMP_D1(7-15)
Sample Location: OSSINING, NY

Date Collected: 09/14/23 09:55
Date Received: 09/14/23
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
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Organochlorine Pesticides by GC - Westborough Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	75		30-150	A
Decachlorobiphenyl	90		30-150	A
2,4,5,6-Tetrachloro-m-xylene	83		30-150	B
Decachlorobiphenyl	85		30-150	B

Project Name: SUN VALLEY SITE
Project Number: 12060 / PHASE 8

Lab Number: L2353853
Report Date: 09/21/23

SAMPLE RESULTS

Lab ID: L2353853-05
Client ID: COMP_D1(7-15)
Sample Location: OSSINING, NY

Date Collected: 09/14/23 09:55
Date Received: 09/14/23
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8151A
Analytical Date: 09/18/23 15:15
Analyst: MMG
Percent Solids: 93%
Methylation Date: 09/18/23 01:55

Extraction Method: EPA 8151A
Extraction Date: 09/15/23 15:46

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
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Chlorinated Herbicides by GC - Westborough Lab

2,4-D	ND		ug/kg	177	11.2	1	A
2,4,5-T	ND		ug/kg	177	5.49	1	A
2,4,5-TP (Silvex)	ND		ug/kg	177	4.71	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
DCAA	54		30-150	A
DCAA	72		30-150	B

Project Name: SUN VALLEY SITE
Project Number: 12060 / PHASE 8

Lab Number: L2353853
Report Date: 09/21/23

SAMPLE RESULTS

Lab ID: L2353853-07
Client ID: COMP_C2(7-17)
Sample Location: OSSINING, NY

Date Collected: 09/14/23 12:55
Date Received: 09/14/23
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 09/18/23 12:26
Analyst: EJJ
Percent Solids: 92%

Extraction Method: EPA 3546
Extraction Date: 09/15/23 23:24
Cleanup Method: EPA 3620B
Cleanup Date: 09/16/23
Cleanup Method: EPA 3660B
Cleanup Date: 09/16/23

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.66	0.325	1	A
Lindane	ND		ug/kg	0.691	0.309	1	A
Alpha-BHC	ND		ug/kg	0.691	0.196	1	A
Beta-BHC	ND		ug/kg	1.66	0.629	1	A
Heptachlor	ND		ug/kg	0.830	0.372	1	A
Aldrin	ND		ug/kg	1.66	0.584	1	A
Heptachlor epoxide	ND		ug/kg	3.11	0.933	1	A
Endrin	ND		ug/kg	0.691	0.283	1	A
Endrin aldehyde	ND		ug/kg	2.07	0.726	1	A
Endrin ketone	ND		ug/kg	1.66	0.427	1	A
Dieldrin	ND		ug/kg	1.04	0.518	1	A
4,4'-DDE	ND		ug/kg	1.66	0.384	1	A
4,4'-DDD	ND		ug/kg	1.66	0.592	1	A
4,4'-DDT	ND		ug/kg	1.66	1.33	1	A
Endosulfan I	ND		ug/kg	1.66	0.392	1	A
Endosulfan II	ND		ug/kg	1.66	0.554	1	A
Endosulfan sulfate	ND		ug/kg	0.691	0.329	1	A
Methoxychlor	ND		ug/kg	3.11	0.968	1	A
Toxaphene	ND		ug/kg	31.1	8.71	1	A
cis-Chlordane	ND		ug/kg	2.07	0.578	1	A
trans-Chlordane	ND	IP	ug/kg	2.07	0.548	1	B
Chlordane	ND		ug/kg	13.8	5.50	1	A

Project Name: SUN VALLEY SITE
Project Number: 12060 / PHASE 8

Lab Number: L2353853
Report Date: 09/21/23

SAMPLE RESULTS

Lab ID: L2353853-07
Client ID: COMP_C2(7-17)
Sample Location: OSSINING, NY

Date Collected: 09/14/23 12:55
Date Received: 09/14/23
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	73		30-150	A
Decachlorobiphenyl	88		30-150	A
2,4,5,6-Tetrachloro-m-xylene	80		30-150	B
Decachlorobiphenyl	83		30-150	B

Project Name: SUN VALLEY SITE
Project Number: 12060 / PHASE 8

Lab Number: L2353853
Report Date: 09/21/23

SAMPLE RESULTS

Lab ID: L2353853-07
Client ID: COMP_C2(7-17)
Sample Location: OSSINING, NY

Date Collected: 09/14/23 12:55
Date Received: 09/14/23
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8151A
Analytical Date: 09/18/23 15:33
Analyst: MMG
Percent Solids: 92%
Methylation Date: 09/18/23 01:55

Extraction Method: EPA 8151A
Extraction Date: 09/15/23 15:46

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
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Chlorinated Herbicides by GC - Westborough Lab

2,4-D	ND		ug/kg	179	11.3	1	A
2,4,5-T	ND		ug/kg	179	5.56	1	A
2,4,5-TP (Silvex)	ND		ug/kg	179	4.77	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
DCAA	79		30-150	A
DCAA	89		30-150	B

Project Name: SUN VALLEY SITE
Project Number: 12060 / PHASE 8

Lab Number: L2353853
Report Date: 09/21/23

SAMPLE RESULTS

Lab ID: L2353853-09
Client ID: COMP_D2(0-7)
Sample Location: OSSINING, NY

Date Collected: 09/14/23 14:45
Date Received: 09/14/23
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 09/18/23 12:37
Analyst: EJL
Percent Solids: 91%

Extraction Method: EPA 3546
Extraction Date: 09/15/23 23:24
Cleanup Method: EPA 3620B
Cleanup Date: 09/16/23
Cleanup Method: EPA 3660B
Cleanup Date: 09/16/23

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.66	0.326	1	A
Lindane	ND		ug/kg	0.694	0.310	1	A
Alpha-BHC	ND		ug/kg	0.694	0.197	1	A
Beta-BHC	ND		ug/kg	1.66	0.631	1	A
Heptachlor	ND		ug/kg	0.833	0.373	1	A
Aldrin	ND		ug/kg	1.66	0.586	1	A
Heptachlor epoxide	ND		ug/kg	3.12	0.937	1	A
Endrin	ND		ug/kg	0.694	0.284	1	A
Endrin aldehyde	ND		ug/kg	2.08	0.728	1	A
Endrin ketone	ND		ug/kg	1.66	0.429	1	A
Dieldrin	ND		ug/kg	1.04	0.520	1	A
4,4'-DDE	ND		ug/kg	1.66	0.385	1	A
4,4'-DDD	ND		ug/kg	1.66	0.594	1	A
4,4'-DDT	ND		ug/kg	1.66	1.34	1	A
Endosulfan I	ND		ug/kg	1.66	0.393	1	A
Endosulfan II	ND		ug/kg	1.66	0.556	1	A
Endosulfan sulfate	ND		ug/kg	0.694	0.330	1	A
Methoxychlor	ND		ug/kg	3.12	0.971	1	A
Toxaphene	ND		ug/kg	31.2	8.74	1	A
cis-Chlordane	ND		ug/kg	2.08	0.580	1	A
trans-Chlordane	ND	IP	ug/kg	2.08	0.550	1	B
Chlordane	ND		ug/kg	13.9	5.52	1	A

Project Name: SUN VALLEY SITE
Project Number: 12060 / PHASE 8

Lab Number: L2353853
Report Date: 09/21/23

SAMPLE RESULTS

Lab ID: L2353853-09
Client ID: COMP_D2(0-7)
Sample Location: OSSINING, NY

Date Collected: 09/14/23 14:45
Date Received: 09/14/23
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
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Organochlorine Pesticides by GC - Westborough Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	75		30-150	A
Decachlorobiphenyl	92		30-150	A
2,4,5,6-Tetrachloro-m-xylene	83		30-150	B
Decachlorobiphenyl	88		30-150	B

Project Name: SUN VALLEY SITE
Project Number: 12060 / PHASE 8

Lab Number: L2353853
Report Date: 09/21/23

SAMPLE RESULTS

Lab ID: L2353853-09
Client ID: COMP_D2(0-7)
Sample Location: OSSINING, NY

Date Collected: 09/14/23 14:45
Date Received: 09/14/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8151A
Analytical Date: 09/18/23 15:51
Analyst: MMG
Percent Solids: 91%
Methylation Date: 09/18/23 01:55

Extraction Method: EPA 8151A
Extraction Date: 09/15/23 15:46

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Chlorinated Herbicides by GC - Westborough Lab							
2,4-D	ND		ug/kg	179	11.3	1	A
2,4,5-T	ND		ug/kg	179	5.54	1	A
2,4,5-TP (Silvex)	ND		ug/kg	179	4.76	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
DCAA	73		30-150	A
DCAA	80		30-150	B

Project Name: SUN VALLEY SITE
Project Number: 12060 / PHASE 8

Lab Number: L2353853
Report Date: 09/21/23

SAMPLE RESULTS

Lab ID: L2353853-11
Client ID: COMP_D2(7-17)
Sample Location: OSSINING, NY

Date Collected: 09/14/23 14:55
Date Received: 09/14/23
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 09/18/23 12:48
Analyst: EJJ
Percent Solids: 91%

Extraction Method: EPA 3546
Extraction Date: 09/15/23 23:24
Cleanup Method: EPA 3620B
Cleanup Date: 09/16/23
Cleanup Method: EPA 3660B
Cleanup Date: 09/16/23

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.69	0.332	1	A
Lindane	ND		ug/kg	0.705	0.315	1	A
Alpha-BHC	ND		ug/kg	0.705	0.200	1	A
Beta-BHC	ND		ug/kg	1.69	0.642	1	A
Heptachlor	ND		ug/kg	0.846	0.379	1	A
Aldrin	ND		ug/kg	1.69	0.596	1	A
Heptachlor epoxide	ND		ug/kg	3.17	0.952	1	A
Endrin	ND		ug/kg	0.705	0.289	1	A
Endrin aldehyde	ND		ug/kg	2.12	0.740	1	A
Endrin ketone	ND		ug/kg	1.69	0.436	1	A
Dieldrin	ND		ug/kg	1.06	0.529	1	A
4,4'-DDE	ND		ug/kg	1.69	0.391	1	A
4,4'-DDD	ND		ug/kg	1.69	0.604	1	A
4,4'-DDT	ND		ug/kg	1.69	1.36	1	A
Endosulfan I	ND		ug/kg	1.69	0.400	1	A
Endosulfan II	ND		ug/kg	1.69	0.566	1	A
Endosulfan sulfate	ND		ug/kg	0.705	0.336	1	A
Methoxychlor	ND		ug/kg	3.17	0.987	1	A
Toxaphene	ND		ug/kg	31.7	8.89	1	A
cis-Chlordane	ND		ug/kg	2.12	0.590	1	A
trans-Chlordane	ND	IP	ug/kg	2.12	0.559	1	B
Chlordane	ND		ug/kg	14.1	5.61	1	A

Project Name: SUN VALLEY SITE
Project Number: 12060 / PHASE 8

Lab Number: L2353853
Report Date: 09/21/23

SAMPLE RESULTS

Lab ID: L2353853-11
Client ID: COMP_D2(7-17)
Sample Location: OSSINING, NY

Date Collected: 09/14/23 14:55
Date Received: 09/14/23
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
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Organochlorine Pesticides by GC - Westborough Lab							
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Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	67		30-150	A
Decachlorobiphenyl	82		30-150	A
2,4,5,6-Tetrachloro-m-xylene	75		30-150	B
Decachlorobiphenyl	77		30-150	B

Project Name: SUN VALLEY SITE
Project Number: 12060 / PHASE 8

Lab Number: L2353853
Report Date: 09/21/23

SAMPLE RESULTS

Lab ID: L2353853-11
Client ID: COMP_D2(7-17)
Sample Location: OSSINING, NY

Date Collected: 09/14/23 14:55
Date Received: 09/14/23
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8151A
Analytical Date: 09/18/23 16:09
Analyst: MMG
Percent Solids: 91%
Methylation Date: 09/18/23 01:55

Extraction Method: EPA 8151A
Extraction Date: 09/15/23 15:46

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
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Chlorinated Herbicides by GC - Westborough Lab

2,4-D	ND		ug/kg	183	11.5	1	A
2,4,5-T	ND		ug/kg	183	5.66	1	A
2,4,5-TP (Silvex)	ND		ug/kg	183	4.86	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
DCAA	54		30-150	A
DCAA	101		30-150	B

Project Name: SUN VALLEY SITE
Project Number: 12060 / PHASE 8

Lab Number: L2353853
Report Date: 09/21/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8151A
Analytical Date: 09/18/23 10:59
Analyst: EJJ

Extraction Method: EPA 8151A
Extraction Date: 09/15/23 15:46

Methylation Date: 09/17/23 16:54

Parameter	Result	Qualifier	Units	RL	MDL	Column
Chlorinated Herbicides by GC - Westborough Lab for sample(s): 01,03,05,07,09,11 Batch: WG1828064-1						
2,4-D	ND		ug/kg	162	10.2	A
2,4,5-T	ND		ug/kg	162	5.02	A
2,4,5-TP (Silvex)	ND		ug/kg	162	4.31	A

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
DCAA	89		30-150	A
DCAA	90		30-150	B

Project Name: SUN VALLEY SITE
Project Number: 12060 / PHASE 8

Lab Number: L2353853
Report Date: 09/21/23

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8081B
Analytical Date: 09/17/23 12:33
Analyst: MMG

Extraction Method: EPA 3546
Extraction Date: 09/15/23 18:52
Cleanup Method: EPA 3620B
Cleanup Date: 09/16/23
Cleanup Method: EPA 3660B
Cleanup Date: 09/16/23

Parameter	Result	Qualifier	Units	RL	MDL	Column
Organochlorine Pesticides by GC - Westborough Lab for sample(s): 01,03,05,07,09,11 Batch: WG1828108-1						
Delta-BHC	ND		ug/kg	1.57	0.308	A
Lindane	ND		ug/kg	0.656	0.293	A
Alpha-BHC	ND		ug/kg	0.656	0.186	A
Beta-BHC	ND		ug/kg	1.57	0.597	A
Heptachlor	ND		ug/kg	0.787	0.353	A
Aldrin	ND		ug/kg	1.57	0.554	A
Heptachlor epoxide	ND		ug/kg	2.95	0.886	A
Endrin	ND		ug/kg	0.656	0.269	A
Endrin aldehyde	ND		ug/kg	1.97	0.689	A
Endrin ketone	ND		ug/kg	1.57	0.406	A
Dieldrin	ND		ug/kg	0.984	0.492	A
4,4'-DDE	ND		ug/kg	1.57	0.364	A
4,4'-DDD	ND		ug/kg	1.57	0.562	A
4,4'-DDT	ND		ug/kg	1.57	1.27	A
Endosulfan I	ND		ug/kg	1.57	0.372	A
Endosulfan II	ND		ug/kg	1.57	0.526	A
Endosulfan sulfate	ND		ug/kg	0.656	0.312	A
Methoxychlor	ND		ug/kg	2.95	0.919	A
Toxaphene	ND		ug/kg	29.5	8.27	A
cis-Chlordane	ND		ug/kg	1.97	0.548	A
trans-Chlordane	ND		ug/kg	1.97	0.520	A
Chlordane	ND		ug/kg	13.1	5.22	A

Project Name: SUN VALLEY SITE
Project Number: 12060 / PHASE 8

Lab Number: L2353853
Report Date: 09/21/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8081B
 Analytical Date: 09/17/23 12:33
 Analyst: MMG

Extraction Method: EPA 3546
 Extraction Date: 09/15/23 18:52
 Cleanup Method: EPA 3620B
 Cleanup Date: 09/16/23
 Cleanup Method: EPA 3660B
 Cleanup Date: 09/16/23

Parameter	Result	Qualifier	Units	RL	MDL	Column
Organochlorine Pesticides by GC - Westborough Lab for sample(s): 01,03,05,07,09,11 Batch: WG1828108-1						

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	54		30-150	A
Decachlorobiphenyl	57		30-150	A
2,4,5,6-Tetrachloro-m-xylene	59		30-150	B
Decachlorobiphenyl	50		30-150	B

Lab Control Sample Analysis

Batch Quality Control

Project Name: SUN VALLEY SITE

Project Number: 12060 / PHASE 8

Lab Number: L2353853

Report Date: 09/21/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Chlorinated Herbicides by GC - Westborough Lab Associated sample(s): 01,03,05,07,09,11 Batch: WG1828064-2 WG1828064-3									
2,4-D	90		89		30-150	1		30	A
2,4,5-T	91		91		30-150	0		30	A
2,4,5-TP (Silvex)	87		88		30-150	1		30	A

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
DCAA	89		86		30-150	A
DCAA	89		91		30-150	B

Lab Control Sample Analysis Batch Quality Control

Project Name: SUN VALLEY SITE

Project Number: 12060 / PHASE 8

Lab Number: L2353853

Report Date: 09/21/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 01,03,05,07,09,11 Batch: WG1828108-2 WG1828108-3									
Delta-BHC	77		77		30-150	0		30	A
Lindane	71		70		30-150	1		30	A
Alpha-BHC	70		68		30-150	3		30	A
Beta-BHC	69		66		30-150	4		30	A
Heptachlor	69		69		30-150	0		30	A
Aldrin	69		69		30-150	0		30	A
Heptachlor epoxide	70		70		30-150	0		30	A
Endrin	71		72		30-150	1		30	A
Endrin aldehyde	51		52		30-150	2		30	A
Endrin ketone	75		77		30-150	3		30	A
Dieldrin	76		77		30-150	1		30	A
4,4'-DDE	71		72		30-150	1		30	A
4,4'-DDD	76		77		30-150	1		30	A
4,4'-DDT	76		76		30-150	0		30	A
Endosulfan I	68		68		30-150	0		30	A
Endosulfan II	70		71		30-150	1		30	A
Endosulfan sulfate	71		72		30-150	1		30	A
Methoxychlor	71		72		30-150	1		30	A
cis-Chlordane	67		66		30-150	2		30	A
trans-Chlordane	76		76		30-150	0		30	A

Lab Control Sample Analysis

Batch Quality Control

Project Name: SUN VALLEY SITE

Project Number: 12060 / PHASE 8

Lab Number: L2353853

Report Date: 09/21/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
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Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 01,03,05,07,09,11 Batch: WG1828108-2 WG1828108-3

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	60		60		30-150	A
Decachlorobiphenyl	64		68		30-150	A
2,4,5,6-Tetrachloro-m-xylene	67		66		30-150	B
Decachlorobiphenyl	58		62		30-150	B

METALS

Project Name: SUN VALLEY SITE**Lab Number:** L2353853**Project Number:** 12060 / PHASE 8**Report Date:** 09/21/23**SAMPLE RESULTS**

Lab ID: L2353853-01

Date Collected: 09/14/23 09:50

Client ID: COMP_D1(0-7)

Date Received: 09/14/23

Sample Location: OSSINING, NY

Field Prep: Not Specified

Sample Depth:

TCLP/SPLP Ext. Date: 09/15/23 16:50

Matrix: Soil

Percent Solids: 91%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
TCLP Metals by EPA 1311 - Mansfield Lab											
Arsenic, TCLP	0.0293	J	mg/l	1.00	0.0190	1	09/18/23 20:10	09/19/23 08:29	EPA 3015	1,6010D	DMB
Barium, TCLP	0.730		mg/l	0.500	0.0210	1	09/18/23 20:10	09/19/23 08:29	EPA 3015	1,6010D	DMB
Cadmium, TCLP	ND		mg/l	0.100	0.0100	1	09/18/23 20:10	09/19/23 08:29	EPA 3015	1,6010D	DMB
Chromium, TCLP	ND		mg/l	0.200	0.0210	1	09/18/23 20:10	09/19/23 08:29	EPA 3015	1,6010D	DMB
Lead, TCLP	ND		mg/l	0.500	0.0270	1	09/18/23 20:10	09/19/23 08:29	EPA 3015	1,6010D	DMB
Mercury, TCLP	ND		mg/l	0.0010	0.0005	1	09/18/23 16:47	09/19/23 09:23	EPA 7470A	1,7470A	GMG
Selenium, TCLP	ND		mg/l	0.500	0.0350	1	09/18/23 20:10	09/19/23 08:29	EPA 3015	1,6010D	DMB
Silver, TCLP	ND		mg/l	0.100	0.0280	1	09/18/23 20:10	09/19/23 08:29	EPA 3015	1,6010D	DMB



Project Name: SUN VALLEY SITE**Lab Number:** L2353853**Project Number:** 12060 / PHASE 8**Report Date:** 09/21/23**SAMPLE RESULTS**

Lab ID: L2353853-01

Date Collected: 09/14/23 09:50

Client ID: COMP_D1(0-7)

Date Received: 09/14/23

Sample Location: OSSINING, NY

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 91%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	12200		mg/kg	8.54	2.31	2	09/15/23 23:15	09/16/23 11:31	EPA 3050B	1,6010D	JMF
Antimony, Total	ND		mg/kg	4.27	0.325	2	09/15/23 23:15	09/16/23 11:31	EPA 3050B	1,6010D	JMF
Arsenic, Total	1.68		mg/kg	0.854	0.178	2	09/15/23 23:15	09/16/23 11:31	EPA 3050B	1,6010D	JMF
Barium, Total	133		mg/kg	0.854	0.149	2	09/15/23 23:15	09/16/23 11:31	EPA 3050B	1,6010D	JMF
Beryllium, Total	0.671		mg/kg	0.427	0.028	2	09/15/23 23:15	09/16/23 11:31	EPA 3050B	1,6010D	JMF
Cadmium, Total	0.140	J	mg/kg	0.854	0.084	2	09/15/23 23:15	09/16/23 11:31	EPA 3050B	1,6010D	JMF
Calcium, Total	3920		mg/kg	8.54	2.99	2	09/15/23 23:15	09/16/23 11:31	EPA 3050B	1,6010D	JMF
Chromium, Total	23.2		mg/kg	0.854	0.082	2	09/15/23 23:15	09/16/23 11:31	EPA 3050B	1,6010D	JMF
Cobalt, Total	8.44		mg/kg	1.71	0.142	2	09/15/23 23:15	09/16/23 11:31	EPA 3050B	1,6010D	JMF
Copper, Total	18.4		mg/kg	0.854	0.220	2	09/15/23 23:15	09/16/23 11:31	EPA 3050B	1,6010D	JMF
Iron, Total	19500		mg/kg	4.27	0.771	2	09/15/23 23:15	09/16/23 11:31	EPA 3050B	1,6010D	JMF
Lead, Total	8.52		mg/kg	4.27	0.229	2	09/15/23 23:15	09/16/23 11:31	EPA 3050B	1,6010D	JMF
Magnesium, Total	6350		mg/kg	8.54	1.32	2	09/15/23 23:15	09/16/23 11:31	EPA 3050B	1,6010D	JMF
Manganese, Total	324		mg/kg	0.854	0.136	2	09/15/23 23:15	09/16/23 11:31	EPA 3050B	1,6010D	JMF
Mercury, Total	ND		mg/kg	0.079	0.052	1	09/16/23 00:16	09/16/23 19:21	EPA 7471B	1,7471B	GMG
Nickel, Total	17.3		mg/kg	2.14	0.207	2	09/15/23 23:15	09/16/23 11:31	EPA 3050B	1,6010D	JMF
Potassium, Total	5560		mg/kg	214	12.3	2	09/15/23 23:15	09/16/23 11:31	EPA 3050B	1,6010D	JMF
Selenium, Total	0.231	J	mg/kg	1.71	0.220	2	09/15/23 23:15	09/16/23 11:31	EPA 3050B	1,6010D	JMF
Silver, Total	ND		mg/kg	0.427	0.242	2	09/15/23 23:15	09/16/23 11:31	EPA 3050B	1,6010D	JMF
Sodium, Total	282		mg/kg	171	2.69	2	09/15/23 23:15	09/16/23 11:31	EPA 3050B	1,6010D	JMF
Thallium, Total	2.07		mg/kg	1.71	0.269	2	09/15/23 23:15	09/16/23 11:31	EPA 3050B	1,6010D	JMF
Vanadium, Total	31.6		mg/kg	0.854	0.173	2	09/15/23 23:15	09/16/23 11:31	EPA 3050B	1,6010D	JMF
Zinc, Total	49.1		mg/kg	4.27	0.250	2	09/15/23 23:15	09/16/23 11:31	EPA 3050B	1,6010D	JMF



Project Name: SUN VALLEY SITE**Lab Number:** L2353853**Project Number:** 12060 / PHASE 8**Report Date:** 09/21/23**SAMPLE RESULTS**

Lab ID: L2353853-03

Date Collected: 09/14/23 12:45

Client ID: COMP_C2(0-7)

Date Received: 09/14/23

Sample Location: OSSINING, NY

Field Prep: Not Specified

Sample Depth:

TCLP/SPLP Ext. Date: 09/15/23 16:50

Matrix: Soil

Percent Solids: 89%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
TCLP Metals by EPA 1311 - Mansfield Lab											
Arsenic, TCLP	0.0233	J	mg/l	1.00	0.0190	1	09/18/23 20:10	09/19/23 08:33	EPA 3015	1,6010D	DMB
Barium, TCLP	0.917		mg/l	0.500	0.0210	1	09/18/23 20:10	09/19/23 08:33	EPA 3015	1,6010D	DMB
Cadmium, TCLP	ND		mg/l	0.100	0.0100	1	09/18/23 20:10	09/19/23 08:33	EPA 3015	1,6010D	DMB
Chromium, TCLP	ND		mg/l	0.200	0.0210	1	09/18/23 20:10	09/19/23 08:33	EPA 3015	1,6010D	DMB
Lead, TCLP	ND		mg/l	0.500	0.0270	1	09/18/23 20:10	09/19/23 08:33	EPA 3015	1,6010D	DMB
Mercury, TCLP	ND		mg/l	0.0010	0.0005	1	09/18/23 16:47	09/19/23 09:26	EPA 7470A	1,7470A	GMG
Selenium, TCLP	ND		mg/l	0.500	0.0350	1	09/18/23 20:10	09/19/23 08:33	EPA 3015	1,6010D	DMB
Silver, TCLP	ND		mg/l	0.100	0.0280	1	09/18/23 20:10	09/19/23 08:33	EPA 3015	1,6010D	DMB



Project Name: SUN VALLEY SITE**Lab Number:** L2353853**Project Number:** 12060 / PHASE 8**Report Date:** 09/21/23**SAMPLE RESULTS**

Lab ID: L2353853-03

Date Collected: 09/14/23 12:45

Client ID: COMP_C2(0-7)

Date Received: 09/14/23

Sample Location: OSSINING, NY

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 89%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	11000		mg/kg	8.86	2.39	2	09/15/23 23:15	09/16/23 11:34	EPA 3050B	1,6010D	JMF
Antimony, Total	0.380	J	mg/kg	4.43	0.337	2	09/15/23 23:15	09/16/23 11:34	EPA 3050B	1,6010D	JMF
Arsenic, Total	1.89		mg/kg	0.886	0.184	2	09/15/23 23:15	09/16/23 11:34	EPA 3050B	1,6010D	JMF
Barium, Total	129		mg/kg	0.886	0.154	2	09/15/23 23:15	09/16/23 11:34	EPA 3050B	1,6010D	JMF
Beryllium, Total	0.573		mg/kg	0.443	0.029	2	09/15/23 23:15	09/16/23 11:34	EPA 3050B	1,6010D	JMF
Cadmium, Total	0.166	J	mg/kg	0.886	0.087	2	09/15/23 23:15	09/16/23 11:34	EPA 3050B	1,6010D	JMF
Calcium, Total	16100		mg/kg	8.86	3.10	2	09/15/23 23:15	09/16/23 11:34	EPA 3050B	1,6010D	JMF
Chromium, Total	20.2		mg/kg	0.886	0.085	2	09/15/23 23:15	09/16/23 11:34	EPA 3050B	1,6010D	JMF
Cobalt, Total	7.75		mg/kg	1.77	0.147	2	09/15/23 23:15	09/16/23 11:34	EPA 3050B	1,6010D	JMF
Copper, Total	19.4		mg/kg	0.886	0.228	2	09/15/23 23:15	09/16/23 11:34	EPA 3050B	1,6010D	JMF
Iron, Total	18600		mg/kg	4.43	0.800	2	09/15/23 23:15	09/16/23 11:34	EPA 3050B	1,6010D	JMF
Lead, Total	6.22		mg/kg	4.43	0.237	2	09/15/23 23:15	09/16/23 11:34	EPA 3050B	1,6010D	JMF
Magnesium, Total	8050		mg/kg	8.86	1.36	2	09/15/23 23:15	09/16/23 11:34	EPA 3050B	1,6010D	JMF
Manganese, Total	297		mg/kg	0.886	0.141	2	09/15/23 23:15	09/16/23 11:34	EPA 3050B	1,6010D	JMF
Mercury, Total	ND		mg/kg	0.072	0.047	1	09/16/23 00:16	09/16/23 19:25	EPA 7471B	1,7471B	GMG
Nickel, Total	15.7		mg/kg	2.21	0.214	2	09/15/23 23:15	09/16/23 11:34	EPA 3050B	1,6010D	JMF
Potassium, Total	5090		mg/kg	221	12.8	2	09/15/23 23:15	09/16/23 11:34	EPA 3050B	1,6010D	JMF
Selenium, Total	ND		mg/kg	1.77	0.228	2	09/15/23 23:15	09/16/23 11:34	EPA 3050B	1,6010D	JMF
Silver, Total	ND		mg/kg	0.443	0.251	2	09/15/23 23:15	09/16/23 11:34	EPA 3050B	1,6010D	JMF
Sodium, Total	150	J	mg/kg	177	2.79	2	09/15/23 23:15	09/16/23 11:34	EPA 3050B	1,6010D	JMF
Thallium, Total	1.61	J	mg/kg	1.77	0.279	2	09/15/23 23:15	09/16/23 11:34	EPA 3050B	1,6010D	JMF
Vanadium, Total	26.8		mg/kg	0.886	0.180	2	09/15/23 23:15	09/16/23 11:34	EPA 3050B	1,6010D	JMF
Zinc, Total	42.1		mg/kg	4.43	0.260	2	09/15/23 23:15	09/16/23 11:34	EPA 3050B	1,6010D	JMF



Project Name: SUN VALLEY SITE**Lab Number:** L2353853**Project Number:** 12060 / PHASE 8**Report Date:** 09/21/23**SAMPLE RESULTS**

Lab ID: L2353853-05

Date Collected: 09/14/23 09:55

Client ID: COMP_D1(7-15)

Date Received: 09/14/23

Sample Location: OSSINING, NY

Field Prep: Not Specified

Sample Depth:

TCLP/SPLP Ext. Date: 09/15/23 16:50

Matrix: Soil

Percent Solids: 93%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
TCLP Metals by EPA 1311 - Mansfield Lab											
Arsenic, TCLP	0.0259	J	mg/l	1.00	0.0190	1	09/18/23 20:10	09/19/23 09:33	EPA 3015	1,6010D	DMB
Barium, TCLP	0.863		mg/l	0.500	0.0210	1	09/18/23 20:10	09/19/23 09:33	EPA 3015	1,6010D	DMB
Cadmium, TCLP	ND		mg/l	0.100	0.0100	1	09/18/23 20:10	09/19/23 09:33	EPA 3015	1,6010D	DMB
Chromium, TCLP	ND		mg/l	0.200	0.0210	1	09/18/23 20:10	09/19/23 09:33	EPA 3015	1,6010D	DMB
Lead, TCLP	ND		mg/l	0.500	0.0270	1	09/18/23 20:10	09/19/23 09:33	EPA 3015	1,6010D	DMB
Mercury, TCLP	ND		mg/l	0.0010	0.0005	1	09/18/23 16:47	09/19/23 09:30	EPA 7470A	1,7470A	GMG
Selenium, TCLP	ND		mg/l	0.500	0.0350	1	09/18/23 20:10	09/19/23 09:33	EPA 3015	1,6010D	DMB
Silver, TCLP	ND		mg/l	0.100	0.0280	1	09/18/23 20:10	09/19/23 09:33	EPA 3015	1,6010D	DMB



Project Name: SUN VALLEY SITE**Lab Number:** L2353853**Project Number:** 12060 / PHASE 8**Report Date:** 09/21/23**SAMPLE RESULTS**

Lab ID: L2353853-05

Date Collected: 09/14/23 09:55

Client ID: COMP_D1(7-15)

Date Received: 09/14/23

Sample Location: OSSINING, NY

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 93%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	13400		mg/kg	8.21	2.22	2	09/15/23 23:15	09/16/23 11:37	EPA 3050B	1,6010D	JMF
Antimony, Total	ND		mg/kg	4.10	0.312	2	09/15/23 23:15	09/16/23 11:37	EPA 3050B	1,6010D	JMF
Arsenic, Total	1.17		mg/kg	0.821	0.171	2	09/15/23 23:15	09/16/23 11:37	EPA 3050B	1,6010D	JMF
Barium, Total	161		mg/kg	0.821	0.143	2	09/15/23 23:15	09/16/23 11:37	EPA 3050B	1,6010D	JMF
Beryllium, Total	0.682		mg/kg	0.410	0.027	2	09/15/23 23:15	09/16/23 11:37	EPA 3050B	1,6010D	JMF
Cadmium, Total	0.130	J	mg/kg	0.821	0.081	2	09/15/23 23:15	09/16/23 11:37	EPA 3050B	1,6010D	JMF
Calcium, Total	8130		mg/kg	8.21	2.87	2	09/15/23 23:15	09/16/23 11:37	EPA 3050B	1,6010D	JMF
Chromium, Total	24.5		mg/kg	0.821	0.079	2	09/15/23 23:15	09/16/23 11:37	EPA 3050B	1,6010D	JMF
Cobalt, Total	8.06		mg/kg	1.64	0.136	2	09/15/23 23:15	09/16/23 11:37	EPA 3050B	1,6010D	JMF
Copper, Total	19.5		mg/kg	0.821	0.212	2	09/15/23 23:15	09/16/23 11:37	EPA 3050B	1,6010D	JMF
Iron, Total	21600		mg/kg	4.10	0.741	2	09/15/23 23:15	09/16/23 11:37	EPA 3050B	1,6010D	JMF
Lead, Total	7.33		mg/kg	4.10	0.220	2	09/15/23 23:15	09/16/23 11:37	EPA 3050B	1,6010D	JMF
Magnesium, Total	8000		mg/kg	8.21	1.26	2	09/15/23 23:15	09/16/23 11:37	EPA 3050B	1,6010D	JMF
Manganese, Total	213		mg/kg	0.821	0.130	2	09/15/23 23:15	09/16/23 11:37	EPA 3050B	1,6010D	JMF
Mercury, Total	ND		mg/kg	0.067	0.044	1	09/16/23 00:16	09/16/23 19:28	EPA 7471B	1,7471B	GMG
Nickel, Total	17.5		mg/kg	2.05	0.199	2	09/15/23 23:15	09/16/23 11:37	EPA 3050B	1,6010D	JMF
Potassium, Total	6990		mg/kg	205	11.8	2	09/15/23 23:15	09/16/23 11:37	EPA 3050B	1,6010D	JMF
Selenium, Total	0.299	J	mg/kg	1.64	0.212	2	09/15/23 23:15	09/16/23 11:37	EPA 3050B	1,6010D	JMF
Silver, Total	ND		mg/kg	0.410	0.232	2	09/15/23 23:15	09/16/23 11:37	EPA 3050B	1,6010D	JMF
Sodium, Total	168		mg/kg	164	2.59	2	09/15/23 23:15	09/16/23 11:37	EPA 3050B	1,6010D	JMF
Thallium, Total	2.06		mg/kg	1.64	0.259	2	09/15/23 23:15	09/16/23 11:37	EPA 3050B	1,6010D	JMF
Vanadium, Total	33.8		mg/kg	0.821	0.167	2	09/15/23 23:15	09/16/23 11:37	EPA 3050B	1,6010D	JMF
Zinc, Total	54.7		mg/kg	4.10	0.240	2	09/15/23 23:15	09/16/23 11:37	EPA 3050B	1,6010D	JMF



Project Name: SUN VALLEY SITE**Lab Number:** L2353853**Project Number:** 12060 / PHASE 8**Report Date:** 09/21/23**SAMPLE RESULTS**

Lab ID: L2353853-07

Date Collected: 09/14/23 12:55

Client ID: COMP_C2(7-17)

Date Received: 09/14/23

Sample Location: OSSINING, NY

Field Prep: Not Specified

Sample Depth:

TCLP/SPLP Ext. Date: 09/15/23 16:50

Matrix: Soil

Percent Solids: 92%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
TCLP Metals by EPA 1311 - Mansfield Lab											
Arsenic, TCLP	0.0382	J	mg/l	1.00	0.0190	1	09/18/23 20:10	09/19/23 08:43	EPA 3015	1,6010D	DMB
Barium, TCLP	0.887		mg/l	0.500	0.0210	1	09/18/23 20:10	09/19/23 08:43	EPA 3015	1,6010D	DMB
Cadmium, TCLP	ND		mg/l	0.100	0.0100	1	09/18/23 20:10	09/19/23 08:43	EPA 3015	1,6010D	DMB
Chromium, TCLP	ND		mg/l	0.200	0.0210	1	09/18/23 20:10	09/19/23 08:43	EPA 3015	1,6010D	DMB
Lead, TCLP	ND		mg/l	0.500	0.0270	1	09/18/23 20:10	09/19/23 08:43	EPA 3015	1,6010D	DMB
Mercury, TCLP	ND		mg/l	0.0010	0.0005	1	09/18/23 16:47	09/19/23 09:33	EPA 7470A	1,7470A	GMG
Selenium, TCLP	ND		mg/l	0.500	0.0350	1	09/18/23 20:10	09/19/23 08:43	EPA 3015	1,6010D	DMB
Silver, TCLP	ND		mg/l	0.100	0.0280	1	09/18/23 20:10	09/19/23 08:43	EPA 3015	1,6010D	DMB



Project Name: SUN VALLEY SITE**Lab Number:** L2353853**Project Number:** 12060 / PHASE 8**Report Date:** 09/21/23**SAMPLE RESULTS**

Lab ID: L2353853-07

Date Collected: 09/14/23 12:55

Client ID: COMP_C2(7-17)

Date Received: 09/14/23

Sample Location: OSSINING, NY

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 92%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	12200		mg/kg	8.26	2.23	2	09/15/23 23:15	09/16/23 11:40	EPA 3050B	1,6010D	JMF
Antimony, Total	ND		mg/kg	4.13	0.314	2	09/15/23 23:15	09/16/23 11:40	EPA 3050B	1,6010D	JMF
Arsenic, Total	1.06		mg/kg	0.826	0.172	2	09/15/23 23:15	09/16/23 11:40	EPA 3050B	1,6010D	JMF
Barium, Total	150		mg/kg	0.826	0.144	2	09/15/23 23:15	09/16/23 11:40	EPA 3050B	1,6010D	JMF
Beryllium, Total	0.619		mg/kg	0.413	0.027	2	09/15/23 23:15	09/16/23 11:40	EPA 3050B	1,6010D	JMF
Cadmium, Total	0.115	J	mg/kg	0.826	0.081	2	09/15/23 23:15	09/16/23 11:40	EPA 3050B	1,6010D	JMF
Calcium, Total	13400		mg/kg	8.26	2.89	2	09/15/23 23:15	09/16/23 11:40	EPA 3050B	1,6010D	JMF
Chromium, Total	22.3		mg/kg	0.826	0.079	2	09/15/23 23:15	09/16/23 11:40	EPA 3050B	1,6010D	JMF
Cobalt, Total	7.94		mg/kg	1.65	0.137	2	09/15/23 23:15	09/16/23 11:40	EPA 3050B	1,6010D	JMF
Copper, Total	18.0		mg/kg	0.826	0.213	2	09/15/23 23:15	09/16/23 11:40	EPA 3050B	1,6010D	JMF
Iron, Total	20600		mg/kg	4.13	0.746	2	09/15/23 23:15	09/16/23 11:40	EPA 3050B	1,6010D	JMF
Lead, Total	6.22		mg/kg	4.13	0.221	2	09/15/23 23:15	09/16/23 11:40	EPA 3050B	1,6010D	JMF
Magnesium, Total	11300		mg/kg	8.26	1.27	2	09/15/23 23:15	09/16/23 11:40	EPA 3050B	1,6010D	JMF
Manganese, Total	255		mg/kg	0.826	0.131	2	09/15/23 23:15	09/16/23 11:40	EPA 3050B	1,6010D	JMF
Mercury, Total	ND		mg/kg	0.074	0.049	1	09/16/23 00:16	09/16/23 19:31	EPA 7471B	1,7471B	GMG
Nickel, Total	15.6		mg/kg	2.06	0.200	2	09/15/23 23:15	09/16/23 11:40	EPA 3050B	1,6010D	JMF
Potassium, Total	6500		mg/kg	206	11.9	2	09/15/23 23:15	09/16/23 11:40	EPA 3050B	1,6010D	JMF
Selenium, Total	0.376	J	mg/kg	1.65	0.213	2	09/15/23 23:15	09/16/23 11:40	EPA 3050B	1,6010D	JMF
Silver, Total	ND		mg/kg	0.413	0.234	2	09/15/23 23:15	09/16/23 11:40	EPA 3050B	1,6010D	JMF
Sodium, Total	118	J	mg/kg	165	2.60	2	09/15/23 23:15	09/16/23 11:40	EPA 3050B	1,6010D	JMF
Thallium, Total	2.01		mg/kg	1.65	0.260	2	09/15/23 23:15	09/16/23 11:40	EPA 3050B	1,6010D	JMF
Vanadium, Total	30.4		mg/kg	0.826	0.168	2	09/15/23 23:15	09/16/23 11:40	EPA 3050B	1,6010D	JMF
Zinc, Total	46.2		mg/kg	4.13	0.242	2	09/15/23 23:15	09/16/23 11:40	EPA 3050B	1,6010D	JMF



Project Name: SUN VALLEY SITE**Lab Number:** L2353853**Project Number:** 12060 / PHASE 8**Report Date:** 09/21/23**SAMPLE RESULTS**

Lab ID: L2353853-09

Date Collected: 09/14/23 14:45

Client ID: COMP_D2(0-7)

Date Received: 09/14/23

Sample Location: OSSINING, NY

Field Prep: Not Specified

Sample Depth:

TCLP/SPLP Ext. Date: 09/15/23 16:50

Matrix: Soil

Percent Solids: 91%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
TCLP Metals by EPA 1311 - Mansfield Lab											
Arsenic, TCLP	0.0322	J	mg/l	1.00	0.0190	1	09/18/23 20:10	09/19/23 09:15	EPA 3015	1,6010D	DMB
Barium, TCLP	0.755		mg/l	0.500	0.0210	1	09/18/23 20:10	09/19/23 09:15	EPA 3015	1,6010D	DMB
Cadmium, TCLP	ND		mg/l	0.100	0.0100	1	09/18/23 20:10	09/19/23 09:15	EPA 3015	1,6010D	DMB
Chromium, TCLP	ND		mg/l	0.200	0.0210	1	09/18/23 20:10	09/19/23 09:15	EPA 3015	1,6010D	DMB
Lead, TCLP	ND		mg/l	0.500	0.0270	1	09/18/23 20:10	09/19/23 09:15	EPA 3015	1,6010D	DMB
Mercury, TCLP	ND		mg/l	0.0010	0.0005	1	09/18/23 16:47	09/19/23 09:36	EPA 7470A	1,7470A	GMG
Selenium, TCLP	ND		mg/l	0.500	0.0350	1	09/18/23 20:10	09/19/23 09:15	EPA 3015	1,6010D	DMB
Silver, TCLP	ND		mg/l	0.100	0.0280	1	09/18/23 20:10	09/19/23 09:15	EPA 3015	1,6010D	DMB



Project Name: SUN VALLEY SITE**Lab Number:** L2353853**Project Number:** 12060 / PHASE 8**Report Date:** 09/21/23**SAMPLE RESULTS**

Lab ID: L2353853-09

Date Collected: 09/14/23 14:45

Client ID: COMP_D2(0-7)

Date Received: 09/14/23

Sample Location: OSSINING, NY

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 91%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	10300		mg/kg	8.69	2.34	2	09/15/23 23:15	09/16/23 11:43	EPA 3050B	1,6010D	JMF
Antimony, Total	ND		mg/kg	4.34	0.330	2	09/15/23 23:15	09/16/23 11:43	EPA 3050B	1,6010D	JMF
Arsenic, Total	1.11		mg/kg	0.869	0.181	2	09/15/23 23:15	09/16/23 11:43	EPA 3050B	1,6010D	JMF
Barium, Total	118		mg/kg	0.869	0.151	2	09/15/23 23:15	09/16/23 11:43	EPA 3050B	1,6010D	JMF
Beryllium, Total	0.550		mg/kg	0.434	0.029	2	09/15/23 23:15	09/16/23 11:43	EPA 3050B	1,6010D	JMF
Cadmium, Total	0.101	J	mg/kg	0.869	0.085	2	09/15/23 23:15	09/16/23 11:43	EPA 3050B	1,6010D	JMF
Calcium, Total	7900		mg/kg	8.69	3.04	2	09/15/23 23:15	09/16/23 11:43	EPA 3050B	1,6010D	JMF
Chromium, Total	18.6		mg/kg	0.869	0.083	2	09/15/23 23:15	09/16/23 11:43	EPA 3050B	1,6010D	JMF
Cobalt, Total	6.55		mg/kg	1.74	0.144	2	09/15/23 23:15	09/16/23 11:43	EPA 3050B	1,6010D	JMF
Copper, Total	14.4		mg/kg	0.869	0.224	2	09/15/23 23:15	09/16/23 11:43	EPA 3050B	1,6010D	JMF
Iron, Total	17400		mg/kg	4.34	0.784	2	09/15/23 23:15	09/16/23 11:43	EPA 3050B	1,6010D	JMF
Lead, Total	5.42		mg/kg	4.34	0.233	2	09/15/23 23:15	09/16/23 11:43	EPA 3050B	1,6010D	JMF
Magnesium, Total	6500		mg/kg	8.69	1.34	2	09/15/23 23:15	09/16/23 11:43	EPA 3050B	1,6010D	JMF
Manganese, Total	193		mg/kg	0.869	0.138	2	09/15/23 23:15	09/16/23 11:43	EPA 3050B	1,6010D	JMF
Mercury, Total	ND		mg/kg	0.070	0.046	1	09/16/23 00:16	09/16/23 19:34	EPA 7471B	1,7471B	GMG
Nickel, Total	14.0		mg/kg	2.17	0.210	2	09/15/23 23:15	09/16/23 11:43	EPA 3050B	1,6010D	JMF
Potassium, Total	5190		mg/kg	217	12.5	2	09/15/23 23:15	09/16/23 11:43	EPA 3050B	1,6010D	JMF
Selenium, Total	ND		mg/kg	1.74	0.224	2	09/15/23 23:15	09/16/23 11:43	EPA 3050B	1,6010D	JMF
Silver, Total	ND		mg/kg	0.434	0.246	2	09/15/23 23:15	09/16/23 11:43	EPA 3050B	1,6010D	JMF
Sodium, Total	94.8	J	mg/kg	174	2.74	2	09/15/23 23:15	09/16/23 11:43	EPA 3050B	1,6010D	JMF
Thallium, Total	1.46	J	mg/kg	1.74	0.274	2	09/15/23 23:15	09/16/23 11:43	EPA 3050B	1,6010D	JMF
Vanadium, Total	25.9		mg/kg	0.869	0.176	2	09/15/23 23:15	09/16/23 11:43	EPA 3050B	1,6010D	JMF
Zinc, Total	40.8		mg/kg	4.34	0.254	2	09/15/23 23:15	09/16/23 11:43	EPA 3050B	1,6010D	JMF



Project Name: SUN VALLEY SITE**Lab Number:** L2353853**Project Number:** 12060 / PHASE 8**Report Date:** 09/21/23**SAMPLE RESULTS**

Lab ID: L2353853-11

Date Collected: 09/14/23 14:55

Client ID: COMP_D2(7-17)

Date Received: 09/14/23

Sample Location: OSSINING, NY

Field Prep: Not Specified

Sample Depth:

TCLP/SPLP Ext. Date: 09/15/23 16:50

Matrix: Soil

Percent Solids: 91%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
TCLP Metals by EPA 1311 - Mansfield Lab											
Arsenic, TCLP	ND		mg/l	1.00	0.0190	1	09/18/23 20:10	09/19/23 09:20	EPA 3015	1,6010D	DMB
Barium, TCLP	0.856		mg/l	0.500	0.0210	1	09/18/23 20:10	09/19/23 09:20	EPA 3015	1,6010D	DMB
Cadmium, TCLP	ND		mg/l	0.100	0.0100	1	09/18/23 20:10	09/19/23 09:20	EPA 3015	1,6010D	DMB
Chromium, TCLP	ND		mg/l	0.200	0.0210	1	09/18/23 20:10	09/19/23 09:20	EPA 3015	1,6010D	DMB
Lead, TCLP	ND		mg/l	0.500	0.0270	1	09/18/23 20:10	09/19/23 09:20	EPA 3015	1,6010D	DMB
Mercury, TCLP	ND		mg/l	0.0010	0.0005	1	09/18/23 16:47	09/19/23 09:40	EPA 7470A	1,7470A	GMG
Selenium, TCLP	ND		mg/l	0.500	0.0350	1	09/18/23 20:10	09/19/23 09:20	EPA 3015	1,6010D	DMB
Silver, TCLP	ND		mg/l	0.100	0.0280	1	09/18/23 20:10	09/19/23 09:20	EPA 3015	1,6010D	DMB



Project Name: SUN VALLEY SITE**Lab Number:** L2353853**Project Number:** 12060 / PHASE 8**Report Date:** 09/21/23**SAMPLE RESULTS**

Lab ID: L2353853-11

Date Collected: 09/14/23 14:55

Client ID: COMP_D2(7-17)

Date Received: 09/14/23

Sample Location: OSSINING, NY

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 91%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	12200		mg/kg	8.29	2.24	2	09/15/23 23:15	09/16/23 11:46	EPA 3050B	1,6010D	JMF
Antimony, Total	ND		mg/kg	4.14	0.315	2	09/15/23 23:15	09/16/23 11:46	EPA 3050B	1,6010D	JMF
Arsenic, Total	1.29		mg/kg	0.829	0.172	2	09/15/23 23:15	09/16/23 11:46	EPA 3050B	1,6010D	JMF
Barium, Total	155		mg/kg	0.829	0.144	2	09/15/23 23:15	09/16/23 11:46	EPA 3050B	1,6010D	JMF
Beryllium, Total	0.505		mg/kg	0.414	0.027	2	09/15/23 23:15	09/16/23 11:46	EPA 3050B	1,6010D	JMF
Cadmium, Total	0.096	J	mg/kg	0.829	0.081	2	09/15/23 23:15	09/16/23 11:46	EPA 3050B	1,6010D	JMF
Calcium, Total	7970		mg/kg	8.29	2.90	2	09/15/23 23:15	09/16/23 11:46	EPA 3050B	1,6010D	JMF
Chromium, Total	21.6		mg/kg	0.829	0.080	2	09/15/23 23:15	09/16/23 11:46	EPA 3050B	1,6010D	JMF
Cobalt, Total	7.71		mg/kg	1.66	0.138	2	09/15/23 23:15	09/16/23 11:46	EPA 3050B	1,6010D	JMF
Copper, Total	16.5		mg/kg	0.829	0.214	2	09/15/23 23:15	09/16/23 11:46	EPA 3050B	1,6010D	JMF
Iron, Total	23600		mg/kg	4.14	0.748	2	09/15/23 23:15	09/16/23 11:46	EPA 3050B	1,6010D	JMF
Lead, Total	5.94		mg/kg	4.14	0.222	2	09/15/23 23:15	09/16/23 11:46	EPA 3050B	1,6010D	JMF
Magnesium, Total	8020		mg/kg	8.29	1.28	2	09/15/23 23:15	09/16/23 11:46	EPA 3050B	1,6010D	JMF
Manganese, Total	272		mg/kg	0.829	0.132	2	09/15/23 23:15	09/16/23 11:46	EPA 3050B	1,6010D	JMF
Mercury, Total	ND		mg/kg	0.074	0.048	1	09/16/23 00:16	09/16/23 19:44	EPA 7471B	1,7471B	GMG
Nickel, Total	15.8		mg/kg	2.07	0.200	2	09/15/23 23:15	09/16/23 11:46	EPA 3050B	1,6010D	JMF
Potassium, Total	6540		mg/kg	207	11.9	2	09/15/23 23:15	09/16/23 11:46	EPA 3050B	1,6010D	JMF
Selenium, Total	0.251	J	mg/kg	1.66	0.214	2	09/15/23 23:15	09/16/23 11:46	EPA 3050B	1,6010D	JMF
Silver, Total	ND		mg/kg	0.414	0.234	2	09/15/23 23:15	09/16/23 11:46	EPA 3050B	1,6010D	JMF
Sodium, Total	104	J	mg/kg	166	2.61	2	09/15/23 23:15	09/16/23 11:46	EPA 3050B	1,6010D	JMF
Thallium, Total	1.87		mg/kg	1.66	0.261	2	09/15/23 23:15	09/16/23 11:46	EPA 3050B	1,6010D	JMF
Vanadium, Total	29.2		mg/kg	0.829	0.168	2	09/15/23 23:15	09/16/23 11:46	EPA 3050B	1,6010D	JMF
Zinc, Total	45.7		mg/kg	4.14	0.243	2	09/15/23 23:15	09/16/23 11:46	EPA 3050B	1,6010D	JMF



Project Name: SUN VALLEY SITE

Lab Number: L2353853

Project Number: 12060 / PHASE 8

Report Date: 09/21/23

Method Blank Analysis Batch Quality Control

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 01,03,05,07,09,11 Batch: WG1827986-1										
Aluminum, Total	ND		mg/kg	4.00	1.08	1	09/15/23 23:15	09/16/23 10:45	1,6010D	JMF
Antimony, Total	0.468	J	mg/kg	2.00	0.152	1	09/15/23 23:15	09/16/23 10:45	1,6010D	JMF
Arsenic, Total	ND		mg/kg	0.400	0.083	1	09/15/23 23:15	09/16/23 10:45	1,6010D	JMF
Barium, Total	ND		mg/kg	0.400	0.070	1	09/15/23 23:15	09/16/23 10:45	1,6010D	JMF
Beryllium, Total	ND		mg/kg	0.200	0.013	1	09/15/23 23:15	09/16/23 10:45	1,6010D	JMF
Cadmium, Total	ND		mg/kg	0.400	0.039	1	09/15/23 23:15	09/16/23 10:45	1,6010D	JMF
Calcium, Total	ND		mg/kg	4.00	1.40	1	09/15/23 23:15	09/16/23 10:45	1,6010D	JMF
Chromium, Total	ND		mg/kg	0.400	0.038	1	09/15/23 23:15	09/16/23 10:45	1,6010D	JMF
Cobalt, Total	ND		mg/kg	0.800	0.066	1	09/15/23 23:15	09/16/23 10:45	1,6010D	JMF
Copper, Total	ND		mg/kg	0.400	0.103	1	09/15/23 23:15	09/16/23 10:45	1,6010D	JMF
Iron, Total	0.404	J	mg/kg	2.00	0.361	1	09/15/23 23:15	09/16/23 10:45	1,6010D	JMF
Lead, Total	ND		mg/kg	2.00	0.107	1	09/15/23 23:15	09/16/23 10:45	1,6010D	JMF
Magnesium, Total	ND		mg/kg	4.00	0.616	1	09/15/23 23:15	09/16/23 10:45	1,6010D	JMF
Manganese, Total	ND		mg/kg	0.400	0.064	1	09/15/23 23:15	09/16/23 10:45	1,6010D	JMF
Nickel, Total	ND		mg/kg	1.00	0.097	1	09/15/23 23:15	09/16/23 10:45	1,6010D	JMF
Potassium, Total	ND		mg/kg	100	5.76	1	09/15/23 23:15	09/16/23 10:45	1,6010D	JMF
Selenium, Total	ND		mg/kg	0.800	0.103	1	09/15/23 23:15	09/16/23 10:45	1,6010D	JMF
Silver, Total	ND		mg/kg	0.200	0.113	1	09/15/23 23:15	09/16/23 10:45	1,6010D	JMF
Sodium, Total	1.27	J	mg/kg	80.0	1.26	1	09/15/23 23:15	09/16/23 10:45	1,6010D	JMF
Thallium, Total	ND		mg/kg	0.800	0.126	1	09/15/23 23:15	09/16/23 10:45	1,6010D	JMF
Vanadium, Total	ND		mg/kg	0.400	0.081	1	09/15/23 23:15	09/16/23 10:45	1,6010D	JMF
Zinc, Total	ND		mg/kg	2.00	0.117	1	09/15/23 23:15	09/16/23 10:45	1,6010D	JMF

Prep Information

Digestion Method: EPA 3050B

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 01,03,05,07,09,11 Batch: WG1827987-1										
Mercury, Total	ND		mg/kg	0.083	0.054	1	09/16/23 00:16	09/16/23 18:45	1,7471B	GMG



Project Name: SUN VALLEY SITE
Project Number: 12060 / PHASE 8

Lab Number: L2353853
Report Date: 09/21/23

Method Blank Analysis Batch Quality Control

Prep Information

Digestion Method: EPA 7471B

Parameter	Result Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
TCLP Metals by EPA 1311 - Mansfield Lab for sample(s): 01,03,05,07,09,11 Batch: WG1828709-1									
Arsenic, TCLP	ND	mg/l	1.00	0.0190	1	09/18/23 20:08	09/19/23 07:03	1,6010D	DMB
Barium, TCLP	ND	mg/l	0.500	0.0210	1	09/18/23 20:08	09/19/23 07:03	1,6010D	DMB
Cadmium, TCLP	ND	mg/l	0.100	0.0100	1	09/18/23 20:08	09/19/23 07:03	1,6010D	DMB
Chromium, TCLP	ND	mg/l	0.200	0.0210	1	09/18/23 20:08	09/19/23 07:03	1,6010D	DMB
Lead, TCLP	ND	mg/l	0.500	0.0270	1	09/18/23 20:08	09/19/23 07:03	1,6010D	DMB
Selenium, TCLP	ND	mg/l	0.500	0.0350	1	09/18/23 20:08	09/19/23 07:03	1,6010D	DMB
Silver, TCLP	ND	mg/l	0.100	0.0280	1	09/18/23 20:08	09/19/23 07:03	1,6010D	DMB

Prep Information

Digestion Method: EPA 3015
TCLP/SPLP Extraction Date: 09/14/23 17:11

Parameter	Result Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
TCLP Metals by EPA 1311 - Mansfield Lab for sample(s): 01,03,05,07,09,11 Batch: WG1828710-1									
Mercury, TCLP	ND	mg/l	0.0010	0.0005	1	09/18/23 16:47	09/19/23 08:47	1,7470A	GMG

Prep Information

Digestion Method: EPA 7470A
TCLP/SPLP Extraction Date: 09/14/23 17:11

Lab Control Sample Analysis

Batch Quality Control

Project Name: SUN VALLEY SITE

Project Number: 12060 / PHASE 8

Lab Number: L2353853

Report Date: 09/21/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01,03,05,07,09,11 Batch: WG1827986-2 SRM Lot Number: D119-540								
Aluminum, Total	78		-		48-152	-		
Antimony, Total	150		-		10-190	-		
Arsenic, Total	103		-		83-117	-		
Barium, Total	105		-		82-118	-		
Beryllium, Total	112		-		83-117	-		
Cadmium, Total	97		-		82-117	-		
Calcium, Total	102		-		81-118	-		
Chromium, Total	104		-		82-119	-		
Cobalt, Total	103		-		83-117	-		
Copper, Total	102		-		84-116	-		
Iron, Total	126		-		60-140	-		
Lead, Total	105		-		82-118	-		
Magnesium, Total	92		-		76-124	-		
Manganese, Total	106		-		82-118	-		
Nickel, Total	103		-		82-117	-		
Potassium, Total	93		-		70-130	-		
Selenium, Total	106		-		79-121	-		
Silver, Total	104		-		80-120	-		
Sodium, Total	95		-		74-126	-		
Thallium, Total	106		-		81-119	-		
Vanadium, Total	100		-		79-121	-		

Lab Control Sample Analysis

Batch Quality Control

Project Name: SUN VALLEY SITE

Project Number: 12060 / PHASE 8

Lab Number: L2353853

Report Date: 09/21/23

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01,03,05,07,09,11 Batch: WG1827986-2 SRM Lot Number: D119-540					
Zinc, Total	102	-	80-120	-	
Total Metals - Mansfield Lab Associated sample(s): 01,03,05,07,09,11 Batch: WG1827987-2 SRM Lot Number: D119-540					
Mercury, Total	104	-	73-127	-	
TCLP Metals by EPA 1311 - Mansfield Lab Associated sample(s): 01,03,05,07,09,11 Batch: WG1828709-2					
Arsenic, TCLP	95	-	75-125	-	20
Barium, TCLP	92	-	75-125	-	20
Cadmium, TCLP	90	-	75-125	-	20
Chromium, TCLP	90	-	75-125	-	20
Lead, TCLP	88	-	75-125	-	20
Selenium, TCLP	95	-	75-125	-	20
Silver, TCLP	93	-	75-125	-	20
TCLP Metals by EPA 1311 - Mansfield Lab Associated sample(s): 01,03,05,07,09,11 Batch: WG1828710-2					
Mercury, TCLP	101	-	80-120	-	

Matrix Spike Analysis

Batch Quality Control

Project Name: SUN VALLEY SITE
Project Number: 12060 / PHASE 8

Lab Number: L2353853
Report Date: 09/21/23

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01,03,05,07,09,11 QC Batch ID: WG1827986-3 QC Sample: L2353676-01 Client ID: MS Sample												
Aluminum, Total	8900	198	9590	348	Q	-	-		75-125	-		20
Antimony, Total	0.787J	49.6	47.7	96		-	-		75-125	-		20
Arsenic, Total	5.34	11.9	16.9	97		-	-		75-125	-		20
Barium, Total	57.2	198	244	94		-	-		75-125	-		20
Beryllium, Total	0.447J	4.96	5.38	108		-	-		75-125	-		20
Cadmium, Total	0.142J	5.26	4.82	92		-	-		75-125	-		20
Calcium, Total	20900	993	6340	0	Q	-	-		75-125	-		20
Chromium, Total	25.3	19.8	38.7	67	Q	-	-		75-125	-		20
Cobalt, Total	6.78	49.6	53.6	94		-	-		75-125	-		20
Copper, Total	41.5	24.8	45.9	18	Q	-	-		75-125	-		20
Iron, Total	23200	99.3	22200	0	Q	-	-		75-125	-		20
Lead, Total	42.6	52.6	97.9	105		-	-		75-125	-		20
Magnesium, Total	3540	993	3720	18	Q	-	-		75-125	-		20
Manganese, Total	292	49.6	322	60	Q	-	-		75-125	-		20
Nickel, Total	36.5	49.6	75.7	79		-	-		75-125	-		20
Potassium, Total	1220	993	2200	99		-	-		75-125	-		20
Selenium, Total	0.428J	11.9	12.5	105		-	-		75-125	-		20
Silver, Total	ND	4.96	4.76	96		-	-		75-125	-		20
Sodium, Total	325	993	1200	88		-	-		75-125	-		20
Thallium, Total	0.799J	11.9	12.1	102		-	-		75-125	-		20
Vanadium, Total	23.0	49.6	82.8	120		-	-		75-125	-		20

Matrix Spike Analysis **Batch Quality Control**

Project Name: SUN VALLEY SITE
Project Number: 12060 / PHASE 8

Lab Number: L2353853
Report Date: 09/21/23

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	MSD Found	MSD %Recovery	Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01,03,05,07,09,11 QC Batch ID: WG1827986-3 QC Sample: L2353676-01 Client ID: MS Sample									
Zinc, Total	46.6	49.6	95.7	99	-	-	75-125	-	20
Total Metals - Mansfield Lab Associated sample(s): 01,03,05,07,09,11 QC Batch ID: WG1827987-3 QC Sample: L2353676-01 Client ID: MS Sample									
Mercury, Total	ND	1.67	1.70	102	-	-	80-120	-	20
TCLP Metals by EPA 1311 - Mansfield Lab Associated sample(s): 01,03,05,07,09,11 QC Batch ID: WG1828709-3 QC Sample: L2353564-01 Client ID: MS Sample									
Arsenic, TCLP	0.0241J	1.2	1.12	93	-	-	75-125	-	20
Barium, TCLP	0.333J	20	18.2	91	-	-	75-125	-	20
Cadmium, TCLP	ND	0.53	0.467	88	-	-	75-125	-	20
Chromium, TCLP	ND	2	1.77	88	-	-	75-125	-	20
Lead, TCLP	ND	5.3	4.60	87	-	-	75-125	-	20
Selenium, TCLP	ND	1.2	1.14	95	-	-	75-125	-	20
Silver, TCLP	ND	0.5	0.461	92	-	-	75-125	-	20
TCLP Metals by EPA 1311 - Mansfield Lab Associated sample(s): 01,03,05,07,09,11 QC Batch ID: WG1828710-3 QC Sample: L2353564-01 Client ID: MS Sample									
Mercury, TCLP	ND	0.025	0.0235	94	-	-	75-125	-	20

Lab Duplicate Analysis *Batch Quality Control*

Project Name: SUN VALLEY SITE
Project Number: 12060 / PHASE 8

Lab Number: L2353853
Report Date: 09/21/23

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01,03,05,07,09,11 QC Batch ID: WG1827986-4 QC Sample: L2353676-01 Client ID: DUP Sample						
Aluminum, Total	8900	8620	mg/kg	3		20
Antimony, Total	0.787J	ND	mg/kg	NC		20
Arsenic, Total	5.34	4.50	mg/kg	17		20
Barium, Total	57.2	52.2	mg/kg	9		20
Beryllium, Total	0.447J	0.436J	mg/kg	NC		20
Cadmium, Total	0.142J	0.146J	mg/kg	NC		20
Calcium, Total	20900	6520	mg/kg	105	Q	20
Chromium, Total	25.3	18.8	mg/kg	29	Q	20
Cobalt, Total	6.78	6.54	mg/kg	4		20
Copper, Total	41.5	23.5	mg/kg	55	Q	20
Iron, Total	23200	20400	mg/kg	13		20
Lead, Total	42.6	47.9	mg/kg	12		20
Magnesium, Total	3540	2950	mg/kg	18		20
Manganese, Total	292	321	mg/kg	9		20
Nickel, Total	36.5	30.8	mg/kg	17		20
Potassium, Total	1220	1120	mg/kg	9		20
Selenium, Total	0.428J	0.324J	mg/kg	NC		20
Silver, Total	ND	ND	mg/kg	NC		20
Sodium, Total	325	281	mg/kg	15		20

Lab Duplicate Analysis *Batch Quality Control*

Project Name: SUN VALLEY SITE

Project Number: 12060 / PHASE 8

Lab Number: L2353853

Report Date: 09/21/23

Parameter	Native Sample	Duplicate Sample	Units	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01,03,05,07,09,11 QC Batch ID: WG1827986-4 QC Sample: L2353676-01 Client ID: DUP Sample					
Thallium, Total	0.799J	0.682J	mg/kg	NC	20
Vanadium, Total	23.0	32.0	mg/kg	33 Q	20
Zinc, Total	46.6	51.0	mg/kg	9	20
Total Metals - Mansfield Lab Associated sample(s): 01,03,05,07,09,11 QC Batch ID: WG1827987-4 QC Sample: L2353676-01 Client ID: DUP Sample					
Mercury, Total	ND	ND	mg/kg	NC	20
TCLP Metals by EPA 1311 - Mansfield Lab Associated sample(s): 01,03,05,07,09,11 QC Batch ID: WG1828709-4 QC Sample: L2353564-01 Client ID: DUP Sample					
Arsenic, TCLP	0.0241J	0.0341J	mg/l	NC	20
Barium, TCLP	0.333J	0.341J	mg/l	NC	20
Cadmium, TCLP	ND	ND	mg/l	NC	20
Chromium, TCLP	ND	ND	mg/l	NC	20
Lead, TCLP	ND	ND	mg/l	NC	20
Selenium, TCLP	ND	ND	mg/l	NC	20
Silver, TCLP	ND	ND	mg/l	NC	20
TCLP Metals by EPA 1311 - Mansfield Lab Associated sample(s): 01,03,05,07,09,11 QC Batch ID: WG1828710-4 QC Sample: L2353564-01 Client ID: DUP Sample					
Mercury, TCLP	ND	ND	mg/l	NC	20

INORGANICS & MISCELLANEOUS

Project Name: SUN VALLEY SITE
Project Number: 12060 / PHASE 8

Lab Number: L2353853
Report Date: 09/21/23

SAMPLE RESULTS

Lab ID: L2353853-01
Client ID: COMP_D1(0-7)
Sample Location: OSSINING, NY

Date Collected: 09/14/23 09:50
Date Received: 09/14/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Test Material Information

Source of Material: Unknown
Description of Material: Non-Metallic - Damp Soil
Particle Size: Medium
Preliminary Burning Time (sec): 120

Parameter	Result	Date Analyzed	Analytical Method	Analyst
Ignitability of Solids - Westborough Lab				
Ignitability	NI	09/20/23 19:42	1,1030	TLH



Project Name: SUN VALLEY SITE
Project Number: 12060 / PHASE 8

Lab Number: L2353853
Report Date: 09/21/23

SAMPLE RESULTS

Lab ID: L2353853-03
Client ID: COMP_C2(0-7)
Sample Location: OSSINING, NY

Date Collected: 09/14/23 12:45
Date Received: 09/14/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Test Material Information

Source of Material: Unknown
Description of Material: Non-Metallic - Damp Soil
Particle Size: Medium
Preliminary Burning Time (sec): 120

Parameter	Result	Date Analyzed	Analytical Method	Analyst
Ignitability of Solids - Westborough Lab				
Ignitability	NI	09/20/23 19:42	1,1030	TLH



Project Name: SUN VALLEY SITE
Project Number: 12060 / PHASE 8

Lab Number: L2353853
Report Date: 09/21/23

SAMPLE RESULTS

Lab ID: L2353853-05
Client ID: COMP_D1(7-15)
Sample Location: OSSINING, NY

Date Collected: 09/14/23 09:55
Date Received: 09/14/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Test Material Information

Source of Material: Unknown
Description of Material: Non-Metallic - Damp Soil
Particle Size: Medium
Preliminary Burning Time (sec): 120

Parameter	Result	Date Analyzed	Analytical Method	Analyst
Ignitability of Solids - Westborough Lab				
Ignitability	NI	09/20/23 19:42	1,1030	TLH



Project Name: SUN VALLEY SITE
Project Number: 12060 / PHASE 8

Lab Number: L2353853
Report Date: 09/21/23

SAMPLE RESULTS

Lab ID: L2353853-07
Client ID: COMP_C2(7-17)
Sample Location: OSSINING, NY

Date Collected: 09/14/23 12:55
Date Received: 09/14/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Test Material Information

Source of Material: Unknown
Description of Material: Non-Metallic - Damp Soil
Particle Size: Medium
Preliminary Burning Time (sec): 120

Parameter	Result	Date Analyzed	Analytical Method	Analyst
Ignitability of Solids - Westborough Lab				
Ignitability	NI	09/20/23 19:42	1,1030	TLH



Project Name: SUN VALLEY SITE
Project Number: 12060 / PHASE 8

Lab Number: L2353853
Report Date: 09/21/23

SAMPLE RESULTS

Lab ID: L2353853-09
Client ID: COMP_D2(0-7)
Sample Location: OSSINING, NY

Date Collected: 09/14/23 14:45
Date Received: 09/14/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Test Material Information

Source of Material: Unknown
Description of Material: Non-Metallic - Damp Soil
Particle Size: Medium
Preliminary Burning Time (sec): 120

Parameter	Result	Date Analyzed	Analytical Method	Analyst
Ignitability of Solids - Westborough Lab				
Ignitability	NI	09/20/23 19:42	1,1030	TLH



Project Name: SUN VALLEY SITE
Project Number: 12060 / PHASE 8

Lab Number: L2353853
Report Date: 09/21/23

SAMPLE RESULTS

Lab ID: L2353853-11
Client ID: COMP_D2(7-17)
Sample Location: OSSINING, NY

Date Collected: 09/14/23 14:55
Date Received: 09/14/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Test Material Information

Source of Material: Unknown
Description of Material: Non-Metallic - Damp Soil
Particle Size: Medium
Preliminary Burning Time (sec): 120

Parameter	Result	Date Analyzed	Analytical Method	Analyst
Ignitability of Solids - Westborough Lab				
Ignitability	NI	09/20/23 19:42	1,1030	TLH



Project Name: SUN VALLEY SITE
Project Number: 12060 / PHASE 8

Lab Number: L2353853
Report Date: 09/21/23

SAMPLE RESULTS

Lab ID: L2353853-01
Client ID: COMP_D1(0-7)
Sample Location: OSSINING, NY

Date Collected: 09/14/23 09:50
Date Received: 09/14/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	91.1		%	0.100	NA	1	-	09/15/23 11:35	121,2540G	ROI
Cyanide, Total	ND		mg/kg	1.0	0.22	1	09/16/23 10:40	09/18/23 16:59	1,9010C/9012B	JER
pH (H)	8.92		SU	-	NA	1	-	09/18/23 13:41	1,9045D	RDS
Chromium, Hexavalent	0.296	J	mg/kg	0.878	0.176	1	09/19/23 14:39	09/21/23 12:35	1,7196A	DTH
Cyanide, Reactive	ND		mg/kg	10	10.	1	09/16/23 10:10	09/16/23 12:04	125,7.3	JLB
Sulfide, Reactive	ND		mg/kg	10	10.	1	09/16/23 10:10	09/16/23 11:26	125,7.3	JLB
Paint Filter Liquid	Negative		-	0	NA	1	-	09/18/23 17:04	1,9095B	AAS



Project Name: SUN VALLEY SITE**Project Number:** 12060 / PHASE 8**Lab Number:** L2353853**Report Date:** 09/21/23**SAMPLE RESULTS****Lab ID:** L2353853-02**Client ID:** GRAB_D1(6.5-7)**Sample Location:** OSSINING, NY**Date Collected:** 09/14/23 09:50**Date Received:** 09/14/23**Field Prep:** Not Specified**Sample Depth:****Matrix:** Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	91.1		%	0.100	NA	1	-	09/15/23 11:35	121,2540G	ROI



Project Name: SUN VALLEY SITE
Project Number: 12060 / PHASE 8

Lab Number: L2353853
Report Date: 09/21/23

SAMPLE RESULTS

Lab ID: L2353853-03
Client ID: COMP_C2(0-7)
Sample Location: OSSINING, NY

Date Collected: 09/14/23 12:45
Date Received: 09/14/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	89.1		%	0.100	NA	1	-	09/15/23 11:35	121,2540G	ROI
Cyanide, Total	ND		mg/kg	1.1	0.22	1	09/16/23 10:40	09/18/23 17:00	1,9010C/9012B	JER
pH (H)	10.9		SU	-	NA	1	-	09/18/23 13:41	1,9045D	RDS
Chromium, Hexavalent	0.258	J	mg/kg	0.898	0.180	1	09/19/23 14:39	09/21/23 12:35	1,7196A	DTH
Cyanide, Reactive	ND		mg/kg	10	10.	1	09/16/23 10:10	09/16/23 12:04	125,7.3	JLB
Sulfide, Reactive	ND		mg/kg	10	10.	1	09/16/23 10:10	09/16/23 11:28	125,7.3	JLB
Paint Filter Liquid	Negative		-	0	NA	1	-	09/18/23 17:04	1,9095B	AAS



Project Name: SUN VALLEY SITE

Project Number: 12060 / PHASE 8

Lab Number: L2353853

Report Date: 09/21/23

SAMPLE RESULTS

Lab ID: L2353853-04

Client ID: GRAB_C2(3-3.5)

Sample Location: OSSINING, NY

Date Collected: 09/14/23 12:45

Date Received: 09/14/23

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	89.1		%	0.100	NA	1	-	09/15/23 11:35	121,2540G	ROI



Project Name: SUN VALLEY SITE
Project Number: 12060 / PHASE 8

Lab Number: L2353853
Report Date: 09/21/23

SAMPLE RESULTS

Lab ID: L2353853-05
Client ID: COMP_D1(7-15)
Sample Location: OSSINING, NY

Date Collected: 09/14/23 09:55
Date Received: 09/14/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	92.9		%	0.100	NA	1	-	09/15/23 11:35	121,2540G	ROI
Cyanide, Total	ND		mg/kg	1.0	0.21	1	09/16/23 10:40	09/18/23 16:27	1,9010C/9012B	JER
pH (H)	8.81		SU	-	NA	1	-	09/18/23 13:41	1,9045D	RDS
Chromium, Hexavalent	0.258	J	mg/kg	0.861	0.172	1	09/19/23 14:39	09/21/23 12:35	1,7196A	DTH
Cyanide, Reactive	ND		mg/kg	10	10.	1	09/16/23 10:10	09/16/23 12:05	125,7.3	JLB
Sulfide, Reactive	ND		mg/kg	10	10.	1	09/16/23 10:10	09/16/23 11:28	125,7.3	JLB
Paint Filter Liquid	Negative		-	0	NA	1	-	09/18/23 17:04	1,9095B	AAS



Project Name: SUN VALLEY SITE**Project Number:** 12060 / PHASE 8**Lab Number:** L2353853**Report Date:** 09/21/23**SAMPLE RESULTS****Lab ID:** L2353853-06**Client ID:** GRAB_D1(10.5-11)**Sample Location:** OSSINING, NY**Date Collected:** 09/14/23 09:55**Date Received:** 09/14/23**Field Prep:** Not Specified**Sample Depth:****Matrix:** Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	92.9		%	0.100	NA	1	-	09/15/23 11:35	121,2540G	ROI



Project Name: SUN VALLEY SITE
Project Number: 12060 / PHASE 8

Lab Number: L2353853
Report Date: 09/21/23

SAMPLE RESULTS

Lab ID: L2353853-07
Client ID: COMP_C2(7-17)
Sample Location: OSSINING, NY

Date Collected: 09/14/23 12:55
Date Received: 09/14/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	91.6		%	0.100	NA	1	-	09/15/23 11:35	121,2540G	ROI
Cyanide, Total	ND		mg/kg	1.0	0.22	1	09/18/23 19:15	09/19/23 00:47	1,9010C/9012B	JER
pH (H)	8.94		SU	-	NA	1	-	09/18/23 13:41	1,9045D	RDS
Chromium, Hexavalent	0.382	J	mg/kg	0.873	0.175	1	09/19/23 14:39	09/21/23 12:35	1,7196A	DTH
Cyanide, Reactive	ND		mg/kg	10	10.	1	09/16/23 10:10	09/16/23 12:05	125,7.3	JLB
Sulfide, Reactive	ND		mg/kg	10	10.	1	09/16/23 10:10	09/16/23 11:28	125,7.3	JLB
Paint Filter Liquid	Negative		-	0	NA	1	-	09/18/23 17:04	1,9095B	AAS



Project Name: SUN VALLEY SITE

Project Number: 12060 / PHASE 8

Lab Number: L2353853

Report Date: 09/21/23

SAMPLE RESULTS

Lab ID: L2353853-08

Client ID: GRAB_C2(12.5-13)

Sample Location: OSSINING, NY

Date Collected: 09/14/23 12:55

Date Received: 09/14/23

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	91.6		%	0.100	NA	1	-	09/15/23 11:35	121,2540G	ROI



Project Name: SUN VALLEY SITE
Project Number: 12060 / PHASE 8

Lab Number: L2353853
Report Date: 09/21/23

SAMPLE RESULTS

Lab ID: L2353853-09
Client ID: COMP_D2(0-7)
Sample Location: OSSINING, NY

Date Collected: 09/14/23 14:45
Date Received: 09/14/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	90.7		%	0.100	NA	1	-	09/15/23 11:35	121,2540G	ROI
Cyanide, Total	ND		mg/kg	1.0	0.21	1	09/18/23 19:15	09/19/23 00:48	1,9010C/9012B	JER
pH (H)	8.97		SU	-	NA	1	-	09/18/23 13:41	1,9045D	RDS
Chromium, Hexavalent	0.364	J	mg/kg	0.882	0.176	1	09/19/23 14:39	09/21/23 12:35	1,7196A	DTH
Cyanide, Reactive	ND		mg/kg	10	10.	1	09/16/23 10:10	09/16/23 12:05	125,7.3	JLB
Sulfide, Reactive	ND		mg/kg	10	10.	1	09/16/23 10:10	09/16/23 11:28	125,7.3	JLB
Paint Filter Liquid	Negative		-	0	NA	1	-	09/18/23 17:04	1,9095B	AAS



Project Name: SUN VALLEY SITE**Project Number:** 12060 / PHASE 8**Lab Number:** L2353853**Report Date:** 09/21/23**SAMPLE RESULTS****Lab ID:** L2353853-10**Client ID:** GRAB_D2(7.5-8)**Sample Location:** OSSINING, NY**Date Collected:** 09/14/23 14:45**Date Received:** 09/14/23**Field Prep:** Not Specified**Sample Depth:****Matrix:** Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	90.7		%	0.100	NA	1	-	09/15/23 11:35	121,2540G	ROI



Project Name: SUN VALLEY SITE
Project Number: 12060 / PHASE 8

Lab Number: L2353853
Report Date: 09/21/23

SAMPLE RESULTS

Lab ID: L2353853-11
Client ID: COMP_D2(7-17)
Sample Location: OSSINING, NY

Date Collected: 09/14/23 14:55
Date Received: 09/14/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	91.0		%	0.100	NA	1	-	09/15/23 11:35	121,2540G	ROI
Cyanide, Total	ND		mg/kg	1.0	0.22	1	09/18/23 19:15	09/19/23 00:49	1,9010C/9012B	JER
pH (H)	8.62		SU	-	NA	1	-	09/18/23 13:41	1,9045D	RDS
Chromium, Hexavalent	0.494	J	mg/kg	0.879	0.176	1	09/19/23 14:39	09/21/23 12:35	1,7196A	DTH
Cyanide, Reactive	ND		mg/kg	10	10.	1	09/16/23 10:10	09/16/23 12:05	125,7.3	JLB
Sulfide, Reactive	ND		mg/kg	10	10.	1	09/16/23 10:10	09/16/23 11:29	125,7.3	JLB
Paint Filter Liquid	Negative		-	0	NA	1	-	09/18/23 17:04	1,9095B	AAS



Project Name: SUN VALLEY SITE**Project Number:** 12060 / PHASE 8**Lab Number:** L2353853**Report Date:** 09/21/23**SAMPLE RESULTS****Lab ID:** L2353853-12**Client ID:** GRAB_D2(2.5-3)**Sample Location:** OSSINING, NY**Date Collected:** 09/14/23 14:45**Date Received:** 09/14/23**Field Prep:** Not Specified**Sample Depth:****Matrix:** Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	91.0		%	0.100	NA	1	-	09/15/23 11:35	121,2540G	ROI



Project Name: SUN VALLEY SITE

Lab Number: L2353853

Project Number: 12060 / PHASE 8

Report Date: 09/21/23

Method Blank Analysis Batch Quality Control

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab for sample(s): 01,03,05 Batch: WG1828216-1										
Cyanide, Total	ND		mg/kg	0.84	0.18	1	09/16/23 10:40	09/18/23 14:59	1,9010C/9012B	JER
General Chemistry - Westborough Lab for sample(s): 01,03,05,07,09,11 Batch: WG1828225-1										
Cyanide, Reactive	ND		mg/kg	10	10.	1	09/16/23 10:10	09/16/23 12:00	125,7.3	JLB
General Chemistry - Westborough Lab for sample(s): 01,03,05,07,09,11 Batch: WG1828226-1										
Sulfide, Reactive	ND		mg/kg	10	10.	1	09/16/23 10:10	09/16/23 11:20	125,7.3	JLB
General Chemistry - Westborough Lab for sample(s): 07,09,11 Batch: WG1828806-1										
Cyanide, Total	ND		mg/kg	0.88	0.19	1	09/18/23 19:15	09/18/23 23:58	1,9010C/9012B	JER
General Chemistry - Westborough Lab for sample(s): 01,03,05,07,09,11 Batch: WG1829273-1										
Chromium, Hexavalent	ND		mg/kg	0.800	0.160	1	09/19/23 14:39	09/21/23 12:35	1,7196A	DTH

Lab Control Sample Analysis

Batch Quality Control

Project Name: SUN VALLEY SITE

Project Number: 12060 / PHASE 8

Lab Number: L2353853

Report Date: 09/21/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01,03,05 Batch: WG1828216-2 WG1828216-3								
Cyanide, Total	150	Q	134	Q	80-120	22		35
General Chemistry - Westborough Lab Associated sample(s): 01,03,05,07,09,11 Batch: WG1828225-2								
Cyanide, Reactive	116		-		30-125	-		40
General Chemistry - Westborough Lab Associated sample(s): 01,03,05,07,09,11 Batch: WG1828226-2								
Sulfide, Reactive	67		-		60-125	-		40
General Chemistry - Westborough Lab Associated sample(s): 01,03,05,07,09,11 Batch: WG1828704-1								
pH	100		-		99-101	-		
General Chemistry - Westborough Lab Associated sample(s): 07,09,11 Batch: WG1828806-2 WG1828806-3								
Cyanide, Total	153	Q	122	Q	80-120	23		35
General Chemistry - Westborough Lab Associated sample(s): 01,03,05,07,09,11 Batch: WG1829273-2								
Chromium, Hexavalent	88		-		80-120	-		20

Matrix Spike Analysis

Batch Quality Control

Project Name: SUN VALLEY SITE
Project Number: 12060 / PHASE 8

Lab Number: L2353853
Report Date: 09/21/23

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01,03,05 MS Sample QC Batch ID: WG1828216-4 WG1828216-5 QC Sample: L2351918-01 Client ID:												
Cyanide, Total	ND	9.9	16	160	Q	15	150	Q	75-125	6		35
General Chemistry - Westborough Lab Associated sample(s): 07,09,11 MS Sample QC Batch ID: WG1828806-4 WG1828806-5 QC Sample: L2353482-05 Client ID:												
Cyanide, Total	ND	10	16	150	Q	16	150	Q	75-125	0		35
General Chemistry - Westborough Lab Associated sample(s): 01,03,05,07,09,11 COMP_D1(0-7) QC Batch ID: WG1829273-4 QC Sample: L2353853-01 Client ID:												
Chromium, Hexavalent	0.296J	1340	1290	96		-	-		75-125	-		20

Lab Duplicate Analysis

Batch Quality Control

Project Name: SUN VALLEY SITE

Project Number: 12060 / PHASE 8

Lab Number: L2353853

Report Date: 09/21/23

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01-12 QC Batch ID: WG1827879-1 QC Sample: L2353853-01 Client ID: COMP_D1(0-7)						
Solids, Total	91.1	91.0	%	0		20
General Chemistry - Westborough Lab Associated sample(s): 01,03,05,07,09,11 QC Batch ID: WG1828225-3 QC Sample: L2353896-04 Client ID: DUP Sample						
Cyanide, Reactive	ND	ND	mg/kg	NC		40
General Chemistry - Westborough Lab Associated sample(s): 01,03,05,07,09,11 QC Batch ID: WG1828226-3 QC Sample: L2353896-04 Client ID: DUP Sample						
Sulfide, Reactive	ND	ND	mg/kg	NC		40
General Chemistry - Westborough Lab Associated sample(s): 01,03,05,07,09,11 QC Batch ID: WG1828704-2 QC Sample: L2353896-01 Client ID: DUP Sample						
pH	11.7	11.8	SU	1		5
General Chemistry - Westborough Lab Associated sample(s): 01,03,05,07,09,11 QC Batch ID: WG1829273-6 QC Sample: L2353853-01 Client ID: COMP_D1(0-7)						
Chromium, Hexavalent	0.296J	0.187J	mg/kg	NC		20

Project Name: SUN VALLEY SITE
Project Number: 12060 / PHASE 8

Serial_No: 09212316:29
Lab Number: L2353853
Report Date: 09/21/23

Sample Receipt and Container Information

Were project specific reporting limits specified? YES

Cooler Information

Cooler **Custody Seal**
A Absent

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2353853-01A	Metals Only-Glass 60mL/2oz unpreserved	A	NA		3.9	Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),TL-TI(180),CR-TI(180),NI-TI(180),AL-TI(180),SE-TI(180),PB-TI(180),ZN-TI(180),CU-TI(180),SB-TI(180),V-TI(180),CO-TI(180),HG-T(28),FE-TI(180),MG-TI(180),MN-TI(180),CA-TI(180),CD-TI(180),K-TI(180),NA-TI(180)
L2353853-01B	Glass 120ml/4oz unpreserved	A	NA		3.9	Y	Absent		NJEPH-TPH-CAT2(14),IGNIT-1030(14),NYTCL-8270(14),REACTS(14),TCN-9010(14),HERB-APA(14),PH-9045(1),NYTCL-8081(14),PAINTF(),REACTCN(14),NYTCL-8082(365),HEXCR-7196(30)
L2353853-01C	Plastic 2oz unpreserved for TS	A	NA		3.9	Y	Absent		TS(7)
L2353853-01D	Glass 500ml/16oz unpreserved	A	NA		3.9	Y	Absent		NJEPH-TPH-CAT2(14),IGNIT-1030(14),NYTCL-8270(14),REACTS(14),TCN-9010(14),HERB-APA(14),PH-9045(1),NYTCL-8081(14),PAINTF(),REACTCN(14),NYTCL-8082(365),HEXCR-7196(30)
L2353853-01E	Glass 500ml/16oz unpreserved	A	NA		3.9	Y	Absent		NJEPH-TPH-CAT2(14),IGNIT-1030(14),NYTCL-8270(14),REACTS(14),TCN-9010(14),HERB-APA(14),PH-9045(1),NYTCL-8081(14),PAINTF(),REACTCN(14),NYTCL-8082(365),HEXCR-7196(30)
L2353853-01X	Plastic 120ml HNO3 preserved Extracts	A	NA		3.9	Y	Absent		CD-CI(180),AS-CI(180),BA-CI(180),HG-C(28),PB-CI(180),CR-CI(180),SE-CI(180),AG-CI(180)
L2353853-01X9	Tumble Vessel	A	NA		3.9	Y	Absent		-
L2353853-02A	5 gram Encore Sampler	A	NA		3.9	Y	Absent		NYTCL-8260H(14),NYTCL-8260HLW(14)
L2353853-02B	5 gram Encore Sampler	A	NA		3.9	Y	Absent		NYTCL-8260H(14),NYTCL-8260HLW(14)
L2353853-02C	5 gram Encore Sampler	A	NA		3.9	Y	Absent		NYTCL-8260H(14),NYTCL-8260HLW(14)
L2353853-02X	Vial MeOH preserved split	A	NA		3.9	Y	Absent		NYTCL-8260H(14),NYTCL-8260HLW(14)
L2353853-02Y	Vial Water preserved split	A	NA		3.9	Y	Absent	15-SEP-23 11:23	NYTCL-8260H(14),NYTCL-8260HLW(14)
L2353853-02Z	Vial Water preserved split	A	NA		3.9	Y	Absent	15-SEP-23 11:23	NYTCL-8260H(14),NYTCL-8260HLW(14)

Project Name: SUN VALLEY SITE
Project Number: 12060 / PHASE 8

Serial_No: 09212316:29
Lab Number: L2353853
Report Date: 09/21/23

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2353853-03A	Metals Only-Glass 60mL/2oz unpreserved	A	NA		3.9	Y	Absent		BE-Ti(180),AS-Ti(180),BA-Ti(180),AG-Ti(180),AL-Ti(180),NI-Ti(180),TL-Ti(180),CR-Ti(180),PB-Ti(180),ZN-Ti(180),SE-Ti(180),CU-Ti(180),SB-Ti(180),CO-Ti(180),V-Ti(180),FE-Ti(180),MG-Ti(180),MN-Ti(180),HG-T(28),NA-Ti(180),CA-Ti(180),K-Ti(180),CD-Ti(180)
L2353853-03B	Glass 120ml/4oz unpreserved	A	NA		3.9	Y	Absent		NJEPH-TPH-CAT2(14),NYTCL-8270(14),IGNIT-1030(14),REACTS(14),TCN-9010(14),HERB-APA(14),PH-9045(1),NYTCL-8081(14),PAINTF(),NYTCL-8082(365),REACTCN(14),HEXCR-7196(30)
L2353853-03C	Plastic 2oz unpreserved for TS	A	NA		3.9	Y	Absent		TS(7)
L2353853-03D	Glass 500ml/16oz unpreserved	A	NA		3.9	Y	Absent		NJEPH-TPH-CAT2(14),NYTCL-8270(14),IGNIT-1030(14),REACTS(14),TCN-9010(14),HERB-APA(14),PH-9045(1),NYTCL-8081(14),PAINTF(),NYTCL-8082(365),REACTCN(14),HEXCR-7196(30)
L2353853-03E	Glass 500ml/16oz unpreserved	A	NA		3.9	Y	Absent		NJEPH-TPH-CAT2(14),NYTCL-8270(14),IGNIT-1030(14),REACTS(14),TCN-9010(14),HERB-APA(14),PH-9045(1),NYTCL-8081(14),PAINTF(),NYTCL-8082(365),REACTCN(14),HEXCR-7196(30)
L2353853-03X	Plastic 120ml HNO3 preserved Extracts	A	NA		3.9	Y	Absent		CD-CI(180),BA-CI(180),AS-CI(180),HG-C(28),PB-CI(180),SE-CI(180),CR-CI(180),AG-CI(180)
L2353853-03X9	Tumble Vessel	A	NA		3.9	Y	Absent		-
L2353853-04A	5 gram Encore Sampler	A	NA		3.9	Y	Absent		NYTCL-8260HLW(14)
L2353853-04B	5 gram Encore Sampler	A	NA		3.9	Y	Absent		NYTCL-8260HLW(14)
L2353853-04C	5 gram Encore Sampler	A	NA		3.9	Y	Absent		NYTCL-8260HLW(14)
L2353853-04X	Vial MeOH preserved split	A	NA		3.9	Y	Absent		NYTCL-8260HLW(14)
L2353853-04Y	Vial Water preserved split	A	NA		3.9	Y	Absent	15-SEP-23 11:23	NYTCL-8260HLW(14)
L2353853-04Z	Vial Water preserved split	A	NA		3.9	Y	Absent	15-SEP-23 11:23	NYTCL-8260HLW(14)
L2353853-05A	Metals Only-Glass 60mL/2oz unpreserved	A	NA		3.9	Y	Absent		BE-Ti(180),AS-Ti(180),BA-Ti(180),AG-Ti(180),AL-Ti(180),CR-Ti(180),TL-Ti(180),NI-Ti(180),CU-Ti(180),PB-Ti(180),ZN-Ti(180),SB-Ti(180),SE-Ti(180),V-Ti(180),CO-Ti(180),MG-Ti(180),MN-Ti(180),HG-T(28),FE-Ti(180),NA-Ti(180),K-Ti(180),CA-Ti(180),CD-Ti(180)
L2353853-05B	Glass 120ml/4oz unpreserved	A	NA		3.9	Y	Absent		NYTCL-8270(14),IGNIT-1030(14),NJEPH-TPH-CAT2(14),REACTS(14),TCN-9010(14),HERB-APA(14),PH-9045(1),NYTCL-8081(14),PAINTF(),NYTCL-8082(365),REACTCN(14),HEXCR-7196(30)

Project Name: SUN VALLEY SITE
Project Number: 12060 / PHASE 8

Serial_No: 09212316:29
Lab Number: L2353853
Report Date: 09/21/23

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2353853-05C	Plastic 2oz unpreserved for TS	A	NA		3.9	Y	Absent		TS(7)
L2353853-05D	Glass 500ml/16oz unpreserved	A	NA		3.9	Y	Absent		NYTCL-8270(14),IGNIT-1030(14),NJEPH-TPH-CAT2(14),REACTS(14),TCN-9010(14),HERB-APA(14),PH-9045(1),NYTCL-8081(14),PAINTF(),NYTCL-8082(365),REACTCN(14),HEXCR-7196(30)
L2353853-05E	Glass 500ml/16oz unpreserved	A	NA		3.9	Y	Absent		NYTCL-8270(14),IGNIT-1030(14),NJEPH-TPH-CAT2(14),REACTS(14),TCN-9010(14),HERB-APA(14),PH-9045(1),NYTCL-8081(14),PAINTF(),NYTCL-8082(365),REACTCN(14),HEXCR-7196(30)
L2353853-05X	Plastic 120ml HNO3 preserved Extracts	A	NA		3.9	Y	Absent		CD-CI(180),BA-CI(180),AS-CI(180),HG-C(28),PB-CI(180),CR-CI(180),SE-CI(180),AG-CI(180)
L2353853-05X9	Tumble Vessel	A	NA		3.9	Y	Absent		-
L2353853-06A	5 gram Encore Sampler	A	NA		3.9	Y	Absent		NYTCL-8260HLW(14)
L2353853-06B	5 gram Encore Sampler	A	NA		3.9	Y	Absent		NYTCL-8260HLW(14)
L2353853-06C	5 gram Encore Sampler	A	NA		3.9	Y	Absent		NYTCL-8260HLW(14)
L2353853-06X	Vial MeOH preserved split	A	NA		3.9	Y	Absent		NYTCL-8260HLW(14)
L2353853-06Y	Vial Water preserved split	A	NA		3.9	Y	Absent	15-SEP-23 11:23	NYTCL-8260HLW(14)
L2353853-06Z	Vial Water preserved split	A	NA		3.9	Y	Absent	15-SEP-23 11:23	NYTCL-8260HLW(14)
L2353853-07A	Metals Only-Glass 60mL/2oz unpreserved	A	NA		3.9	Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),CR-TI(180),TL-TI(180),AL-TI(180),NI-TI(180),PB-TI(180),SE-TI(180),CU-TI(180),ZN-TI(180),SB-TI(180),CO-TI(180),V-TI(180),MN-TI(180),FE-TI(180),MG-TI(180),HG-T(28),CA-TI(180),NA-TI(180),CD-TI(180),K-TI(180)
L2353853-07B	Glass 120ml/4oz unpreserved	A	NA		3.9	Y	Absent		IGNIT-1030(14),NJEPH-TPH-CAT2(14),NYTCL-8270(14),TCN-9010(14),REACTS(14),HERB-APA(14),PH-9045(1),NYTCL-8081(14),PAINTF(),REACTCN(14),NYTCL-8082(365),HEXCR-7196(30)
L2353853-07C	Plastic 2oz unpreserved for TS	A	NA		3.9	Y	Absent		TS(7)
L2353853-07D	Glass 500ml/16oz unpreserved	A	NA		3.9	Y	Absent		IGNIT-1030(14),NJEPH-TPH-CAT2(14),NYTCL-8270(14),TCN-9010(14),REACTS(14),HERB-APA(14),PH-9045(1),NYTCL-8081(14),PAINTF(),REACTCN(14),NYTCL-8082(365),HEXCR-7196(30)

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Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2353853-07E	Glass 500ml/16oz unpreserved	A	NA		3.9	Y	Absent		IGNIT-1030(14),NJEPH-TPH-CAT2(14),NYTCL-8270(14),TCN-9010(14),REACTS(14),HERB-APA(14),PH-9045(1),NYTCL-8081(14),PAINTF(),REACTCN(14),NYTCL-8082(365),HEXCR-7196(30)
L2353853-07X	Plastic 120ml HNO3 preserved Extracts	A	NA		3.9	Y	Absent		CD-CI(180),AS-CI(180),BA-CI(180),HG-C(28),PB-CI(180),CR-CI(180),SE-CI(180),AG-CI(180)
L2353853-07X9	Tumble Vessel	A	NA		3.9	Y	Absent		-
L2353853-08A	5 gram Encore Sampler	A	NA		3.9	Y	Absent		NYTCL-8260HLW(14)
L2353853-08B	5 gram Encore Sampler	A	NA		3.9	Y	Absent		NYTCL-8260HLW(14)
L2353853-08C	5 gram Encore Sampler	A	NA		3.9	Y	Absent		NYTCL-8260HLW(14)
L2353853-08X	Vial MeOH preserved split	A	NA		3.9	Y	Absent		NYTCL-8260HLW(14)
L2353853-08Y	Vial Water preserved split	A	NA		3.9	Y	Absent	15-SEP-23 11:23	NYTCL-8260HLW(14)
L2353853-08Z	Vial Water preserved split	A	NA		3.9	Y	Absent	15-SEP-23 11:23	NYTCL-8260HLW(14)
L2353853-09A	Metals Only-Glass 60mL/2oz unpreserved	A	NA		3.9	Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),NI-TI(180),CR-TI(180),AL-TI(180),TL-TI(180),SE-TI(180),ZN-TI(180),PB-TI(180),SB-TI(180),CU-TI(180),CO-TI(180),V-TI(180),MN-TI(180),FE-TI(180),MG-TI(180),HG-T(28),CA-TI(180),K-TI(180),NA-TI(180),CD-TI(180)
L2353853-09B	Glass 120ml/4oz unpreserved	A	NA		3.9	Y	Absent		NJEPH-TPH-CAT2(14),IGNIT-1030(14),TCN-9010(14),NYTCL-8270(14),REACTS(14),HERB-APA(14),PH-9045(1),NYTCL-8081(14),PAINTF(),REACTCN(14),NYTCL-8082(365),HEXCR-7196(30)
L2353853-09C	Plastic 2oz unpreserved for TS	A	NA		3.9	Y	Absent		TS(7)
L2353853-09D	Glass 500ml/16oz unpreserved	A	NA		3.9	Y	Absent		NJEPH-TPH-CAT2(14),IGNIT-1030(14),TCN-9010(14),NYTCL-8270(14),REACTS(14),HERB-APA(14),PH-9045(1),NYTCL-8081(14),PAINTF(),REACTCN(14),NYTCL-8082(365),HEXCR-7196(30)
L2353853-09E	Glass 500ml/16oz unpreserved	A	NA		3.9	Y	Absent		NJEPH-TPH-CAT2(14),IGNIT-1030(14),TCN-9010(14),NYTCL-8270(14),REACTS(14),HERB-APA(14),PH-9045(1),NYTCL-8081(14),PAINTF(),REACTCN(14),NYTCL-8082(365),HEXCR-7196(30)
L2353853-09X	Plastic 120ml HNO3 preserved Extracts	A	NA		3.9	Y	Absent		CD-CI(180),BA-CI(180),AS-CI(180),HG-C(28),PB-CI(180),CR-CI(180),SE-CI(180),AG-CI(180)
L2353853-09X9	Tumble Vessel	A	NA		3.9	Y	Absent		-

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Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2353853-10A	5 gram Encore Sampler	A	NA		3.9	Y	Absent		NYTCL-8260HLW(14)
L2353853-10B	5 gram Encore Sampler	A	NA		3.9	Y	Absent		NYTCL-8260HLW(14)
L2353853-10C	5 gram Encore Sampler	A	NA		3.9	Y	Absent		NYTCL-8260HLW(14)
L2353853-10X	Vial MeOH preserved split	A	NA		3.9	Y	Absent		NYTCL-8260HLW(14)
L2353853-10Y	Vial Water preserved split	A	NA		3.9	Y	Absent	15-SEP-23 11:23	NYTCL-8260HLW(14)
L2353853-10Z	Vial Water preserved split	A	NA		3.9	Y	Absent	15-SEP-23 11:23	NYTCL-8260HLW(14)
L2353853-11A	Glass 120ml/4oz unpreserved	A	NA		3.9	Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),AL-TI(180),TL-TI(180),CR-TI(180),NI-TI(180),CU-TI(180),PB-TI(180),ZN-TI(180),SE-TI(180),SB-TI(180),CO-TI(180),V-TI(180),MG-TI(180),FE-TI(180),HG-T(28),MN-TI(180),CA-TI(180),K-TI(180),NA-TI(180),CD-TI(180)
L2353853-11B	Plastic 2oz unpreserved for TS	A	NA		3.9	Y	Absent		TS(7)
L2353853-11C	Glass 500ml/16oz unpreserved	A	NA		3.9	Y	Absent		NJEPH-TPH-CAT2(14),IGNIT-1030(14),TCN-9010(14),REACTS(14),NYTCL-8270(14),HERB-APA(14),PH-9045(1),NYTCL-8081(14),PAINTF(),NYTCL-8082(365),REACTCN(14),HEXCR-7196(30)
L2353853-11D	Glass 500ml/16oz unpreserved	A	NA		3.9	Y	Absent		NJEPH-TPH-CAT2(14),IGNIT-1030(14),TCN-9010(14),REACTS(14),NYTCL-8270(14),HERB-APA(14),PH-9045(1),NYTCL-8081(14),PAINTF(),NYTCL-8082(365),REACTCN(14),HEXCR-7196(30)
L2353853-11X	Plastic 120ml HNO3 preserved Extracts	A	NA		3.9	Y	Absent		CD-CI(180),AS-CI(180),BA-CI(180),HG-C(28),PB-CI(180),SE-CI(180),CR-CI(180),AG-CI(180)
L2353853-11X9	Tumble Vessel	A	NA		3.9	Y	Absent		-
L2353853-12A	5 gram Encore Sampler	A	NA		3.9	Y	Absent		NYTCL-8260HLW(14)
L2353853-12B	5 gram Encore Sampler	A	NA		3.9	Y	Absent		NYTCL-8260HLW(14)
L2353853-12C	5 gram Encore Sampler	A	NA		3.9	Y	Absent		NYTCL-8260HLW(14)
L2353853-12X	Vial MeOH preserved split	A	NA		3.9	Y	Absent		NYTCL-8260HLW(14)
L2353853-12Y	Vial Water preserved split	A	NA		3.9	Y	Absent	15-SEP-23 11:23	NYTCL-8260HLW(14)
L2353853-12Z	Vial Water preserved split	A	NA		3.9	Y	Absent	15-SEP-23 11:23	NYTCL-8260HLW(14)

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GLOSSARY

Acronyms

DL	- Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the limit of quantitation (LOQ). The DL includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
EDL	- Estimated Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The EDL includes any adjustments from dilutions, concentrations or moisture content, where applicable. The use of EDLs is specific to the analysis of PAHs using Solid-Phase Microextraction (SPME).
EMPC	- Estimated Maximum Possible Concentration: The concentration that results from the signal present at the retention time of an analyte when the ions meet all of the identification criteria except the ion abundance ratio criteria. An EMPC is a worst-case estimate of the concentration.
EPA	- Environmental Protection Agency.
LCS	- Laboratory Control Sample: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.
LCSD	- Laboratory Control Sample Duplicate: Refer to LCS.
LFB	- Laboratory Fortified Blank: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.
LOD	- Limit of Detection: This value represents the level to which a target analyte can reliably be detected for a specific analyte in a specific matrix by a specific method. The LOD includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
LOQ	- Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.) Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
MDL	- Method Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The MDL includes any adjustments from dilutions, concentrations or moisture content, where applicable.
MS	- Matrix Spike Sample: A sample prepared by adding a known mass of target analyte to a specified amount of matrix sample for which an independent estimate of target analyte concentration is available. For Method 332.0, the spike recovery is calculated using the native concentration, including estimated values.
MSD	- Matrix Spike Sample Duplicate: Refer to MS.
NA	- Not Applicable.
NC	- Not Calculated: Term is utilized when one or more of the results utilized in the calculation are non-detect at the parameter's reporting unit.
NDPA/DPA	- N-Nitrosodiphenylamine/Diphenylamine.
NI	- Not Ignitable.
NP	- Non-Plastic: Term is utilized for the analysis of Atterberg Limits in soil.
NR	- No Results: Term is utilized when 'No Target Compounds Requested' is reported for the analysis of Volatile or Semivolatile Organic TIC only requests.
RL	- Reporting Limit: The value at which an instrument can accurately measure an analyte at a specific concentration. The RL includes any adjustments from dilutions, concentrations or moisture content, where applicable.
RPD	- Relative Percent Difference: The results from matrix and/or matrix spike duplicates are primarily designed to assess the precision of analytical results in a given matrix and are expressed as relative percent difference (RPD). Values which are less than five times the reporting limit for any individual parameter are evaluated by utilizing the absolute difference between the values; although the RPD value will be provided in the report.
SRM	- Standard Reference Material: A reference sample of a known or certified value that is of the same or similar matrix as the associated field samples.
STLP	- Semi-dynamic Tank Leaching Procedure per EPA Method 1315.
TEF	- Toxic Equivalency Factors: The values assigned to each dioxin and furan to evaluate their toxicity relative to 2,3,7,8-TCDD.
TEQ	- Toxic Equivalent: The measure of a sample's toxicity derived by multiplying each dioxin and furan by its corresponding TEF and then summing the resulting values.
TIC	- Tentatively Identified Compound: A compound that has been identified to be present and is not part of the target compound list (TCL) for the method and/or program. All TICs are qualitatively identified and reported as estimated concentrations.

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Footnotes

- 1 - The reference for this analyte should be considered modified since this analyte is absent from the target analyte list of the original method.

Terms

Analytical Method: Both the document from which the method originates and the analytical reference method. (Example: EPA 8260B is shown as 1,8260B.) The codes for the reference method documents are provided in the References section of the Addendum.

Chlordane: The target compound Chlordane (CAS No. 57-74-9) is reported for GC ECD analyses. Per EPA, this compound "refers to a mixture of chlordane isomers, other chlorinated hydrocarbons and numerous other components." (Reference: USEPA Toxicological Review of Chlordane, In Support of Summary Information on the Integrated Risk Information System (IRIS), December 1997.)

Difference: With respect to Total Oxidizable Precursor (TOP) Assay analysis, the difference is defined as the Post-Treatment value minus the Pre-Treatment value.

Final pH: As it pertains to Sample Receipt & Container Information section of the report, Final pH reflects pH of container determined after adjustment at the laboratory, if applicable. If no adjustment required, value reflects Initial pH.

Frozen Date/Time: With respect to Volatile Organics in soil, Frozen Date/Time reflects the date/time at which associated Reagent Water-preserved vials were initially frozen. Note: If frozen date/time is beyond 48 hours from sample collection, value will be reflected in 'bold'.

Gasoline Range Organics (GRO): Gasoline Range Organics (GRO) results include all chromatographic peaks eluting from Methyl tert butyl ether through Naphthalene, with the exception of GRO analysis in support of State of Ohio programs, which includes all chromatographic peaks eluting from Hexane through Dodecane.

Initial pH: As it pertains to Sample Receipt & Container Information section of the report, Initial pH reflects pH of container determined upon receipt, if applicable.

PAH Total: With respect to Alkylated PAH analyses, the 'PAHs, Total' result is defined as the summation of results for all or a subset of the following compounds: Naphthalene, C1-C4 Naphthalenes, 2-Methylnaphthalene, 1-Methylnaphthalene, Biphenyl, Acenaphthylene, Acenaphthene, Fluorene, C1-C3 Fluorenes, Phenanthrene, C1-C4 Phenanthrenes/Anthracenes, Anthracene, Fluoranthene, Pyrene, C1-C4 Fluoranthenes/Pyrenes, Benz(a)anthracene, Chrysene, C1-C4 Chrysenes, Benzo(b)fluoranthene, Benzo(j)+(k)fluoranthene, Benzo(e)pyrene, Benzo(a)pyrene, Perylene, Indeno(1,2,3-cd)pyrene, Dibenz(ah)+(ac)anthracene, Benzo(g,h,i)perylene. If a 'Total' result is requested, the results of its individual components will also be reported.

PFAS Total: With respect to PFAS analyses, the 'PFAS, Total (5)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA and PFOS. In addition, the 'PFAS, Total (6)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA, PFDA and PFOS. For MassDEP DW compliance analysis only, the 'PFAS, Total (6)' result is defined as the summation of results at or above the RL. Note: If a 'Total' result is requested, the results of its individual components will also be reported.

Total: With respect to Organic analyses, a 'Total' result is defined as the summation of results for individual isomers or Aroclors. If a 'Total' result is requested, the results of its individual components will also be reported. This is applicable to 'Total' results for methods 8260, 8081 and 8082.

Data Qualifiers

- A** - Spectra identified as "Aldol Condensates" are byproducts of the extraction/concentration procedures when acetone is introduced in the process.
- B** - The analyte was detected above the reporting limit in the associated method blank. Flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For MCP-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For DOD-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank AND the analyte was detected above one-half the reporting limit (or above the reporting limit for common lab contaminants) in the associated method blank. For NJ-Air-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte above the reporting limit. For NJ-related projects (excluding Air), flag only applies to associated field samples that have detectable concentrations of the analyte, which was detected above the reporting limit in the associated method blank or above five times the reporting limit for common lab contaminants (Phthalates, Acetone, Methylene Chloride, 2-Butanone).
- C** - Co-elution: The target analyte co-elutes with a known lab standard (i.e. surrogate, internal standards, etc.) for co-extracted analyses.
- D** - Concentration of analyte was quantified from diluted analysis. Flag only applies to field samples that have detectable concentrations of the analyte.
- E** - Concentration of analyte exceeds the range of the calibration curve and/or linear range of the instrument.
- F** - The ratio of quantifier ion response to qualifier ion response falls outside of the laboratory criteria. Results are considered to be an estimated maximum concentration.
- G** - The concentration may be biased high due to matrix interferences (i.e. co-elution) with non-target compound(s). The result should be considered estimated.
- H** - The analysis of pH was performed beyond the regulatory-required holding time of 15 minutes from the time of sample collection.
- I** - The lower value for the two columns has been reported due to obvious interference.
- J** - Estimated value. The Target analyte concentration is below the quantitation limit (RL), but above the Method Detection Limit (MDL) or Estimated Detection Limit (EDL) for SPME-related analyses. This represents an estimated concentration for Tentatively

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Data Qualifiers

Identified Compounds (TICs). For calculated parameters, this represents that one or more values used in the calculation were estimated.

- M** - Reporting Limit (RL) exceeds the MCP CAM Reporting Limit for this analyte.
- ND** - Not detected at the method detection limit (MDL) for the sample, or estimated detection limit (EDL) for SPME-related analyses.
- NJ** - Presumptive evidence of compound. This represents an estimated concentration for Tentatively Identified Compounds (TICs), where the identification is based on a mass spectral library search.
- P** - The RPD between the results for the two columns exceeds the method-specified criteria.
- Q** - The quality control sample exceeds the associated acceptance criteria. For DOD-related projects, LCS and/or Continuing Calibration Standard exceedences are also qualified on all associated sample results. Note: This flag is not applicable for matrix spike recoveries when the sample concentration is greater than 4x the spike added or for batch duplicate RPD when the sample concentrations are less than 5x the RL. (Metals only.)
- R** - Analytical results are from sample re-analysis.
- RE** - Analytical results are from sample re-extraction.
- S** - Analytical results are from modified screening analysis.
- V** - The surrogate associated with this target analyte has a recovery outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)
- Z** - The batch matrix spike and/or duplicate associated with this target analyte has a recovery/RPD outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)

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REFERENCES

- 1 Test Methods for Evaluating Solid Waste: Physical/Chemical Methods. EPA SW-846. Third Edition. Updates I - VI, 2018.
- 103 Analysis of Extractable Petroleum Hydrocarbon Compounds (EPH) in Aqueous and Soil/Sediment/Sludge Matrices. New Jersey Department of Environmental Protection, Site Remediation Program, (Version 1.1), Document # NJDEP EPH 10/08, Revision 3, August 2010.
- 121 Standard Methods for the Examination of Water and Wastewater. APHA-AWWA-WEF. Standard Methods Online.
- 125 Test Methods for Evaluating Solid Waste: Physical/Chemical Methods. EPA SW-846. Third Edition. Updates IIIA, April 1998.

LIMITATION OF LIABILITIES

Alpha Analytical performs services with reasonable care and diligence normal to the analytical testing laboratory industry. In the event of an error, the sole and exclusive responsibility of Alpha Analytical shall be to re-perform the work at it's own expense. In no event shall Alpha Analytical be held liable for any incidental, consequential or special damages, including but not limited to, damages in any way connected with the use of, interpretation of, information or analysis provided by Alpha Analytical.

We strongly urge our clients to comply with EPA protocol regarding sample volume, preservation, cooling, containers, sampling procedures, holding time and splitting of samples in the field.



Alpha Analytical, Inc.Facility: **Company-wide**Department: **Quality Assurance**Title: **Certificate/Approval Program Summary**ID No.: **17873**

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Certification Information**The following analytes are not included in our Primary NELAP Scope of Accreditation:****Westborough Facility****EPA 624.1:** m/p-xylene, o-xylene, Naphthalene**EPA 625.1:** alpha-Terpineol**EPA 8260D:** NPW: 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene, Azobenzene; SCM: Iodomethane (methyl iodide), 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene.**EPA 8270E:** NPW: Dimethylnaphthalene, 1,4-Diphenylhydrazine, alpha-Terpineol; SCM: Dimethylnaphthalene, 1,4-Diphenylhydrazine.**SM4500:** NPW: Amenable Cyanide; SCM: Total Phosphorus, TKN, NO₂, NO₃.**Mansfield Facility****SM 2540D:** TSS.**EPA TO-15:** Halothane, 2,4,4-Trimethyl-2-pentene, 2,4,4-Trimethyl-1-pentene, Thiophene, 2-Methylthiophene,

3-Methylthiophene, 2-Ethylthiophene, 1,2,3-Trimethylbenzene, Indan, Indene, 1,2,4,5-Tetramethylbenzene, Benzothiophene, 1-Methylnaphthalene.

Biological Tissue Matrix: EPA 3050B**The following analytes are included in our Massachusetts DEP Scope of Accreditation****Westborough Facility:****Drinking Water****EPA 300.0:** Chloride, Nitrate-N, Fluoride, Sulfate; **EPA 353.2:** Nitrate-N, Nitrite-N; **SM4500NO3-F:** Nitrate-N, Nitrite-N; **SM4500F-C, SM4500CN-CE,****EPA 180.1, SM2130B, SM4500Cl-D, SM2320B, SM2540C, SM4500H-B, SM4500NO2-B****EPA 524.2:** THMs and VOCs; **EPA 504.1:** EDB, DBCP.**Microbiology:** **SM9215B; SM9223-P/A, SM9223B-Colilert-QT, SM9222D.****Non-Potable Water****SM4500H,B, EPA 120.1, SM2510B, SM2540C, SM2320B, SM4500CL-E, SM4500F-BC, SM4500NH3-BH:** Ammonia-N and Kjeldahl-N, **EPA 350.1:**Ammonia-N, **LACHAT 10-107-06-1-B:** Ammonia-N, **EPA 351.1, SM4500NO3-F, EPA 353.2:** Nitrate-N, **SM4500P-E, SM4500P-B, E, SM4500SO4-E,****SM5220D, EPA 410.4, SM5210B, SM5310C, SM4500CL-D, EPA 1664, EPA 420.1, SM4500-CN-CE, SM2540D, EPA 300:** Chloride, Sulfate, Nitrate.**EPA 624.1:** Volatile Halocarbons & Aromatics,**EPA 608.3:** Chlordane, Toxaphene, Aldrin, alpha-BHC, beta-BHC, gamma-BHC, delta-BHC, Dieldrin, DDD, DDE, DDT, Endosulfan I, Endosulfan II,

Endosulfan sulfate, Endrin, Endrin Aldehyde, Heptachlor, Heptachlor Epoxide, PCBs

EPA 625.1: SVOC (Acid/Base/Neutral Extractables).**Microbiology:** **SM9223B-Colilert-QT; Enterolert-QT, SM9221E, EPA 1600, EPA 1603, SM9222D.****Mansfield Facility:****Drinking Water****EPA 200.7:** Al, Ba, Cd, Cr, Cu, Fe, Mn, Ni, Na, Ag, Ca, Zn. **EPA 200.8:** Al, Sb, As, Ba, Be, Cd, Cr, Cu, Pb, Mn, Ni, Se, Ag, TL, Zn. **EPA 245.1 Hg.****EPA 522, EPA 537.1.****Non-Potable Water****EPA 200.7:** Al, Sb, As, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Mo, Ni, K, Se, Ag, Na, Sr, TL, Ti, V, Zn.**EPA 200.8:** Al, Sb, As, Be, Cd, Cr, Cu, Fe, Pb, Mn, Ni, K, Se, Ag, Na, TL, Zn.**EPA 245.1 Hg.****SM2340B**

For a complete listing of analytes and methods, please contact your Alpha Project Manager.

 NEW YORK CHAIN OF CUSTODY		Service Centers Mahwah, NJ 07430: 35 Whitney Rd, Suite 5 Albany, NY 12205: 14 Walker Way Tonawanda, NY 14150: 275 Cooper Ave, Suite 105		Page <u>1</u> of <u>2</u>		Date Rec'd in Lab <u>9/15/23</u>		ALPHA Job # <u>L2353853</u>									
Westborough, MA 01581 8 Walkup Dr. TEL: 508-898-9220 FAX: 508-898-9193		Mansfield, MA 02048 320 Forbes Blvd TEL: 508-822-9300 FAX: 508-822-3288		Project Information Project Name: <u>Sun Valley</u> Project Location: <u>Ossining, NY</u> Project # <u>12060 / Phase 8</u> (Use Project name as Project #) ☐		Deliverables ☐ ASP-A ☒ ASP-B ☐ EQUIS (1 File) ☒ EQUIS (4 File) ☐ Other		Billing Information ☒ Same as Client Info PO #									
Client Information Client: <u>SESI Consulting</u> Address: <u>959 RT 46</u> <u>Parsippany, NJ</u> Phone: <u>973 808 9090</u> Fax: Email: <u>monica.norton@sesi.com</u>		Project Manager: <u>James Vander Vilet</u> ALPHAQuote #: Turn-Around Time Standard ☒ Due Date: Rush (only if pre approved) ☐ # of Days:		Regulatory Requirement ☐ NY TOGS ☐ NY Part 375 ☐ AWQ Standards ☐ NY CP-51 ☒ NY Restricted Use ☐ Other ☒ NY Unrestricted Use ☐ NYC Sewer Discharge		Disposal Site Information Please identify below location of applicable disposal facilities. Disposal Facility: ☐ NJ ☐ NY ☐ Other:											
These samples have been previously analyzed by Alpha ☐				ANALYSIS		Sample Filtration ☐ Done ☐ Lab to do Preservation ☐ Lab to do (Please Specify below)		Total Bottle									
Other project specific requirements/comments: <u>Take Both Comp & Grab TS from the</u> <u>TS Bottleware labeled for Comp.</u> Please specify Metals or TAL. <u>(Grabs, only Analyze for voc)</u>				ANALYSIS VOCs + 15 SVOCs, PCBs Pest/Herb TAL Metals Total Organic EPA (10+2) Pesticides + PCBs Chlordane TCP Meth HexChlor + PH		Sample Specific Comments		Total Bottle									
ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler's Initials	VOCs + 15	SVOCs, PCBs	Pest/Herb	TAL Metals	Total Organic	EPA (10+2)	Pesticides + PCBs	Chlordane	TCP Meth	HexChlor + PH	Sample Specific Comments	Total Bottle
53853-01	Comp-D1 (0-7)	9/14/23	950	S	RR	X	X	X	X	X	X	X	X	X	X	Comp	5
02	Grab-D1 (6.5-7)		950													only VOC, to from Equip	2
03	Comp-C2 (0-7)		1245													only VOC	3
04	Grab-C2 (3-3.5)		1245													only VOC	2
05	Comp-D1 (7-15)		955													only VOC	5
06	Grab-D1 (10.5-11)		955													only VOC	2
07	Comp-C2 (7-17)		1255													only VOC	3
08	Grab-C2 (12.5-13)		1255													only VOC	2
09	Comp-D2 (0-7)		1445													only VOC	3
10	Grab-D2 (7.5-8)		1455													only VOC	2
Preservative Code: A = None B = HCl C = HNO ₃ D = H ₂ SO ₄ E = NaOH F = MeOH G = NaHSO ₄ H = Na ₂ S ₂ O ₃ K/E = Zn Ac/NaOH O = Other		Container Code: P = Plastic A = Amber Glass V = Vial G = Glass B = Bacteria Cup C = Cube O = Other E = Encore D = BOD Bottle		Westboro: Certification No: MA935 Mansfield: Certification No: MA015		Container Type		Preservative		Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. BY EXECUTING THIS COC, THE CLIENT HAS READ AND AGREES TO BE BOUND BY ALPHA'S TERMS & CONDITIONS. (See reverse side.)							
Relinquished By: <u>Bennie Rynnos</u>		Date/Time: <u>9/14/23 1625</u>		Received By: <u>Anthony Green</u>		Date/Time: <u>9/14/23 1630</u>											
Relinquished By: <u>Anthony Green</u>		Date/Time: <u>9/15/23 0145</u>		Received By: <u>Anthony Green</u>		Date/Time: <u>9/15/23 0145</u>											
Relinquished By: <u>Anthony Green</u>		Date/Time: <u>9/15/23 0345</u>		Received By: <u>Anthony Green</u>		Date/Time: <u>9/15/23 0345</u>											



ANALYTICAL REPORT

Lab Number:	L2354250
Client:	Soils Engineering Services, Inc. 959 Route 46E Parsippany, NJ 07054
ATTN:	James Vander Vliet
Phone:	(973) 808-9050
Project Name:	SUN VALLEY SITE
Project Number:	12060 / PHASE 8
Report Date:	09/22/23

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Certifications & Approvals: MA (M-MA086), NH NELAP (2064), CT (PH-0826), IL (200077), IN (C-MA-03), KY (KY98045), ME (MA00086), MD (348), NJ (MA935), NY (11148), NC (25700/666), OH (CL108), OR (MA-1316), PA (68-03671), RI (LAO00065), TX (T104704476), VT (VT-0935), VA (460195), USDA (Permit #525-23-122-91930).

Eight Walkup Drive, Westborough, MA 01581-1019
508-898-9220 (Fax) 508-898-9193 800-624-9220 - www.alphalab.com



Project Name: SUN VALLEY SITE
Project Number: 12060 / PHASE 8

Lab Number: L2354250
Report Date: 09/22/23

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L2354250-01	COMP_A1(0-7)	SOIL	OSSINING, NY	09/15/23 09:40	09/15/23
L2354250-02	GRAB_A1(0.5-1)	SOIL	OSSINING, NY	09/15/23 09:40	09/15/23
L2354250-03	COMP_A1(7-14)	SOIL	OSSINING, NY	09/15/23 10:40	09/15/23
L2354250-04	GRAB_A1(7-7.5)	SOIL	OSSINING, NY	09/15/23 10:40	09/15/23
L2354250-05	COMP_A1(14-20)	SOIL	OSSINING, NY	09/15/23 10:45	09/15/23
L2354250-06	GRAB_A1(17-17.5)	SOIL	OSSINING, NY	09/15/23 10:45	09/15/23
L2354250-07	COMP_A2(0-7)	SOIL	OSSINING, NY	09/15/23 15:00	09/15/23
L2354250-08	GRAB_A2(5.0-5.5)	SOIL	OSSINING, NY	09/15/23 14:50	09/15/23
L2354250-09	COMP_A2(7-19)	SOIL	OSSINING, NY	09/15/23 15:00	09/15/23
L2354250-10	GRAB_A2(15-15.5)	SOIL	OSSINING, NY	09/15/23 14:55	09/15/23

Project Name: SUN VALLEY SITE
Project Number: 12060 / PHASE 8

Lab Number: L2354250
Report Date: 09/22/23

Case Narrative

The samples were received in accordance with the Chain of Custody and no significant deviations were encountered during the preparation or analysis unless otherwise noted. Sample Receipt, Container Information, and the Chain of Custody are located at the back of the report.

Results contained within this report relate only to the samples submitted under this Alpha Lab Number and meet NELAP requirements for all NELAP accredited parameters unless otherwise noted in the following narrative. The data presented in this report is organized by parameter (i.e. VOC, SVOC, etc.). Sample specific Quality Control data (i.e. Surrogate Spike Recovery) is reported at the end of the target analyte list for each individual sample, followed by the Laboratory Batch Quality Control at the end of each parameter. Tentatively Identified Compounds (TICs), if requested, are reported for compounds identified to be present and are not part of the method/program Target Compound List, even if only a subset of the TCL are being reported. If a sample was re-analyzed or re-extracted due to a required quality control corrective action and if both sets of data are reported, the Laboratory ID of the re-analysis or re-extraction is designated with an "R" or "RE", respectively.

When multiple Batch Quality Control elements are reported (e.g. more than one LCS), the associated samples for each element are noted in the grey shaded header line of each data table. Any Laboratory Batch, Sample Specific % recovery or RPD value that is outside the listed Acceptance Criteria is bolded in the report. In reference to questions H (CAM) or 4 (RCP) when "NO" is checked, the performance criteria for CAM and RCP methods allow for some quality control failures to occur and still be within method compliance. In these instances, the specific failure is not narrated but noted in the associated QC Outlier Summary Report, located directly after the Case Narrative. QC information is also incorporated in the Data Usability Assessment table (Format 11) of our Data Merger tool, where it can be reviewed in conjunction with the sample result, associated regulatory criteria and any associated data usability implications.

Soil/sediments, solids and tissues are reported on a dry weight basis unless otherwise noted. Definitions of all data qualifiers and acronyms used in this report are provided in the Glossary located at the back of the report.

HOLD POLICY - For samples submitted on hold, Alpha's policy is to hold samples (with the exception of Air canisters) free of charge for 21 calendar days from the date the project is completed. After 21 calendar days, we will dispose of all samples submitted including those put on hold unless you have contacted your Alpha Project Manager and made arrangements for Alpha to continue to hold the samples. Air canisters will be disposed after 3 business days from the date the project is completed.

Please contact Project Management at 800-624-9220 with any questions.

Project Name: SUN VALLEY SITE
Project Number: 12060 / PHASE 8

Lab Number: L2354250
Report Date: 09/22/23

Case Narrative (continued)

Report Submission

All non-detect (ND) or estimated concentrations (J-qualified) have been quantitated to the limit noted in the MDL column.

Volatile Organics

L2354250-02: The sample was analyzed as a High Level Methanol in order to quantitate results within the calibration range. The result should be considered estimated, and is qualified with an E flag, for any compound that exceeded the calibration on the initial Low Level analysis. The results of both analyses are reported.

L2354250-04: The 2-butanone result should be considered estimated due to co-elution with a non-target compound.

Total Metals

L2354250-01, -03, -05, -07, and -09: The sample has elevated detection limits for all elements, with the exception of mercury, due to the dilution required by the sample matrix.

Cyanide, Total

The WG1829083-2/-3 LCS/LCSD recoveries for cyanide, total (136%/131%), associated with L2354250-01, -03, -05, and -07, are outside our in-house acceptance criteria, but within the vendor-certified acceptance limits. The results of the original analyses are reported.

The WG1829085-2/-3 LCS/LCSD recoveries for cyanide, total (136%/131%), associated with L2354250-09, are outside our in-house acceptance criteria, but within the vendor-certified acceptance limits. The results of the original analyses are reported.

I, the undersigned, attest under the pains and penalties of perjury that, to the best of my knowledge and belief and based upon my personal inquiry of those responsible for providing the information contained in this analytical report, such information is accurate and complete. This certificate of analysis is not complete unless this page accompanies any and all pages of this report.

Authorized Signature:



Kelly Stenstrom

Title: Technical Director/Representative

Date: 09/22/23

ORGANICS

VOLATILES

Project Name: SUN VALLEY SITE
Project Number: 12060 / PHASE 8

Lab Number: L2354250
Report Date: 09/22/23

SAMPLE RESULTS

Lab ID: L2354250-02
Client ID: GRAB_A1(0.5-1)
Sample Location: OSSINING, NY

Date Collected: 09/15/23 09:40
Date Received: 09/15/23
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 09/20/23 14:28
Analyst: LAC
Percent Solids: 95%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	5.0	2.3	1
1,1-Dichloroethane	ND		ug/kg	1.0	0.14	1
Chloroform	ND		ug/kg	1.5	0.14	1
Carbon tetrachloride	ND		ug/kg	1.0	0.23	1
1,2-Dichloropropane	ND		ug/kg	1.0	0.12	1
Dibromochloromethane	ND		ug/kg	1.0	0.14	1
1,1,2-Trichloroethane	ND		ug/kg	1.0	0.27	1
Tetrachloroethene	ND		ug/kg	0.50	0.20	1
Chlorobenzene	ND		ug/kg	0.50	0.13	1
Trichlorofluoromethane	ND		ug/kg	4.0	0.69	1
1,2-Dichloroethane	ND		ug/kg	1.0	0.26	1
1,1,1-Trichloroethane	ND		ug/kg	0.50	0.17	1
Bromodichloromethane	ND		ug/kg	0.50	0.11	1
trans-1,3-Dichloropropene	ND		ug/kg	1.0	0.27	1
cis-1,3-Dichloropropene	ND		ug/kg	0.50	0.16	1
1,3-Dichloropropene, Total	ND		ug/kg	0.50	0.16	1
1,1-Dichloropropene	ND		ug/kg	0.50	0.16	1
Bromoform	ND		ug/kg	4.0	0.24	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.50	0.16	1
Benzene	4.2		ug/kg	0.50	0.16	1
Toluene	1.5		ug/kg	1.0	0.54	1
Ethylbenzene	180		ug/kg	1.0	0.14	1
Chloromethane	ND		ug/kg	4.0	0.93	1
Bromomethane	ND		ug/kg	2.0	0.58	1
Vinyl chloride	ND		ug/kg	1.0	0.33	1
Chloroethane	ND		ug/kg	2.0	0.45	1
1,1-Dichloroethene	ND		ug/kg	1.0	0.24	1
trans-1,2-Dichloroethene	ND		ug/kg	1.5	0.14	1

Project Name: SUN VALLEY SITE

Lab Number: L2354250

Project Number: 12060 / PHASE 8

Report Date: 09/22/23

SAMPLE RESULTS

Lab ID: L2354250-02
 Client ID: GRAB_A1(0.5-1)
 Sample Location: OSSINING, NY

Date Collected: 09/15/23 09:40
 Date Received: 09/15/23
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Trichloroethene	ND		ug/kg	0.50	0.14	1
1,2-Dichlorobenzene	ND		ug/kg	2.0	0.14	1
1,3-Dichlorobenzene	ND		ug/kg	2.0	0.15	1
1,4-Dichlorobenzene	ND		ug/kg	2.0	0.17	1
Methyl tert butyl ether	ND		ug/kg	2.0	0.20	1
p/m-Xylene	10		ug/kg	2.0	0.56	1
o-Xylene	1.3		ug/kg	1.0	0.29	1
Xylenes, Total	11		ug/kg	1.0	0.29	1
cis-1,2-Dichloroethene	ND		ug/kg	1.0	0.17	1
1,2-Dichloroethene, Total	ND		ug/kg	1.0	0.14	1
Dibromomethane	ND		ug/kg	2.0	0.24	1
Styrene	ND		ug/kg	1.0	0.20	1
Dichlorodifluoromethane	ND		ug/kg	10	0.91	1
Acetone	58		ug/kg	10	4.8	1
Carbon disulfide	ND		ug/kg	10	4.5	1
2-Butanone	ND		ug/kg	10	2.2	1
Vinyl acetate	ND		ug/kg	10	2.1	1
4-Methyl-2-pentanone	ND		ug/kg	10	1.3	1
1,2,3-Trichloropropane	ND		ug/kg	2.0	0.13	1
2-Hexanone	ND		ug/kg	10	1.2	1
Bromochloromethane	ND		ug/kg	2.0	0.20	1
2,2-Dichloropropane	ND		ug/kg	2.0	0.20	1
1,2-Dibromoethane	ND		ug/kg	1.0	0.28	1
1,3-Dichloropropane	ND		ug/kg	2.0	0.17	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.50	0.13	1
Bromobenzene	ND		ug/kg	2.0	0.14	1
n-Butylbenzene	120		ug/kg	1.0	0.17	1
sec-Butylbenzene	64		ug/kg	1.0	0.14	1
tert-Butylbenzene	0.79	J	ug/kg	2.0	0.12	1
o-Chlorotoluene	ND		ug/kg	2.0	0.19	1
p-Chlorotoluene	ND		ug/kg	2.0	0.11	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.0	1.0	1
Hexachlorobutadiene	ND		ug/kg	4.0	0.17	1
Isopropylbenzene	100		ug/kg	1.0	0.11	1
p-Isopropyltoluene	4.4		ug/kg	1.0	0.11	1
Naphthalene	580	E	ug/kg	4.0	0.65	1
Acrylonitrile	ND		ug/kg	4.0	1.1	1

Project Name: SUN VALLEY SITE

Lab Number: L2354250

Project Number: 12060 / PHASE 8

Report Date: 09/22/23

SAMPLE RESULTS

Lab ID: L2354250-02
 Client ID: GRAB_A1(0.5-1)
 Sample Location: OSSINING, NY

Date Collected: 09/15/23 09:40
 Date Received: 09/15/23
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
n-Propylbenzene	410	E	ug/kg	1.0	0.17	1
1,2,3-Trichlorobenzene	ND		ug/kg	2.0	0.32	1
1,2,4-Trichlorobenzene	ND		ug/kg	2.0	0.27	1
1,3,5-Trimethylbenzene	28		ug/kg	2.0	0.19	1
1,2,4-Trimethylbenzene	78		ug/kg	2.0	0.33	1
1,4-Dioxane	ND		ug/kg	80	35.	1
p-Diethylbenzene	140		ug/kg	2.0	0.18	1
p-Ethyltoluene	61		ug/kg	2.0	0.38	1
1,2,4,5-Tetramethylbenzene	450	E	ug/kg	2.0	0.19	1
Ethyl ether	ND		ug/kg	2.0	0.34	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	5.0	1.4	1

Tentatively Identified Compounds

Total TIC Compounds	1740	J	ug/kg			1
Unknown Benzene	406	J	ug/kg			1
Pentane, 2,3,4-trimethyl-	35.9	NJ	ug/kg			1
Unknown Aromatic	60.2	J	ug/kg			1
Unknown Aromatic	83.2	J	ug/kg			1
Unknown Benzene	42.0	J	ug/kg			1
Heptane	43.9	NJ	ug/kg			1
Unknown Aromatic	58.5	J	ug/kg			1
Unknown Aromatic	137	J	ug/kg			1
Unknown Aromatic	107	J	ug/kg			1
Heptane, 3-methyl-	73.8	NJ	ug/kg			1
Heptane, 2-methyl-	44.9	NJ	ug/kg			1
Unknown Aromatic	110	J	ug/kg			1
Unknown Benzene	455	J	ug/kg			1
Unknown Aromatic	42.8	J	ug/kg			1
Unknown Benzene	35.5	J	ug/kg			1

Project Name: SUN VALLEY SITE
Project Number: 12060 / PHASE 8

Lab Number: L2354250
Report Date: 09/22/23

SAMPLE RESULTS

Lab ID: L2354250-02
Client ID: GRAB_A1(0.5-1)
Sample Location: OSSINING, NY

Date Collected: 09/15/23 09:40
Date Received: 09/15/23
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	77		70-130
Toluene-d8	99		70-130
4-Bromofluorobenzene	127		70-130
Dibromofluoromethane	78		70-130

Project Name: SUN VALLEY SITE
Project Number: 12060 / PHASE 8

Lab Number: L2354250
Report Date: 09/22/23

SAMPLE RESULTS

Lab ID: L2354250-02
Client ID: GRAB_A1(0.5-1)
Sample Location: OSSINING, NY

Date Collected: 09/15/23 09:40
Date Received: 09/15/23
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 09/21/23 17:32
Analyst: JIC
Percent Solids: 95%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 High - Westborough Lab						
Methylene chloride	ND		ug/kg	270	120	1
1,1-Dichloroethane	ND		ug/kg	53	7.8	1
Chloroform	ND		ug/kg	80	7.5	1
Carbon tetrachloride	ND		ug/kg	53	12.	1
1,2-Dichloropropane	ND		ug/kg	53	6.7	1
Dibromochloromethane	ND		ug/kg	53	7.5	1
1,1,2-Trichloroethane	ND		ug/kg	53	14.	1
Tetrachloroethene	ND		ug/kg	27	10.	1
Chlorobenzene	ND		ug/kg	27	6.8	1
Trichlorofluoromethane	ND		ug/kg	210	37.	1
1,2-Dichloroethane	ND		ug/kg	53	14.	1
1,1,1-Trichloroethane	ND		ug/kg	27	8.9	1
Bromodichloromethane	ND		ug/kg	27	5.8	1
trans-1,3-Dichloropropene	ND		ug/kg	53	15.	1
cis-1,3-Dichloropropene	ND		ug/kg	27	8.4	1
1,3-Dichloropropene, Total	ND		ug/kg	27	8.4	1
1,1-Dichloropropene	ND		ug/kg	27	8.5	1
Bromoform	ND		ug/kg	210	13.	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	27	8.9	1
Benzene	13	J	ug/kg	27	8.9	1
Toluene	ND		ug/kg	53	29.	1
Ethylbenzene	340		ug/kg	53	7.5	1
Chloromethane	ND		ug/kg	210	50.	1
Bromomethane	ND		ug/kg	110	31.	1
Vinyl chloride	ND		ug/kg	53	18.	1
Chloroethane	ND		ug/kg	110	24.	1
1,1-Dichloroethene	ND		ug/kg	53	13.	1
trans-1,2-Dichloroethene	ND		ug/kg	80	7.3	1

Project Name: SUN VALLEY SITE

Lab Number: L2354250

Project Number: 12060 / PHASE 8

Report Date: 09/22/23

SAMPLE RESULTS

Lab ID: L2354250-02
 Client ID: GRAB_A1(0.5-1)
 Sample Location: OSSINING, NY

Date Collected: 09/15/23 09:40
 Date Received: 09/15/23
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 High - Westborough Lab						
Trichloroethene	ND		ug/kg	27	7.3	1
1,2-Dichlorobenzene	ND		ug/kg	110	7.7	1
1,3-Dichlorobenzene	ND		ug/kg	110	7.9	1
1,4-Dichlorobenzene	ND		ug/kg	110	9.1	1
Methyl tert butyl ether	ND		ug/kg	110	11.	1
p/m-Xylene	56	J	ug/kg	110	30.	1
o-Xylene	ND		ug/kg	53	16.	1
Xylenes, Total	56	J	ug/kg	53	16.	1
cis-1,2-Dichloroethene	ND		ug/kg	53	9.4	1
1,2-Dichloroethene, Total	ND		ug/kg	53	7.3	1
Dibromomethane	ND		ug/kg	110	13.	1
Styrene	ND		ug/kg	53	10.	1
Dichlorodifluoromethane	ND		ug/kg	530	49.	1
Acetone	ND		ug/kg	530	260	1
Carbon disulfide	ND		ug/kg	530	240	1
2-Butanone	ND		ug/kg	530	120	1
Vinyl acetate	ND		ug/kg	530	110	1
4-Methyl-2-pentanone	ND		ug/kg	530	68.	1
1,2,3-Trichloropropane	ND		ug/kg	110	6.8	1
2-Hexanone	ND		ug/kg	530	63.	1
Bromochloromethane	ND		ug/kg	110	11.	1
2,2-Dichloropropane	ND		ug/kg	110	11.	1
1,2-Dibromoethane	ND		ug/kg	53	15.	1
1,3-Dichloropropane	ND		ug/kg	110	8.9	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	27	7.0	1
Bromobenzene	ND		ug/kg	110	7.8	1
n-Butylbenzene	180		ug/kg	53	8.9	1
sec-Butylbenzene	70		ug/kg	53	7.8	1
tert-Butylbenzene	ND		ug/kg	110	6.3	1
o-Chlorotoluene	ND		ug/kg	110	10.	1
p-Chlorotoluene	ND		ug/kg	110	5.8	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	160	53.	1
Hexachlorobutadiene	ND		ug/kg	210	9.0	1
Isopropylbenzene	110		ug/kg	53	5.8	1
p-Isopropyltoluene	5.9	J	ug/kg	53	5.8	1
Naphthalene	610		ug/kg	210	35.	1
Acrylonitrile	ND		ug/kg	210	62.	1

Project Name: SUN VALLEY SITE
Project Number: 12060 / PHASE 8

Lab Number: L2354250
Report Date: 09/22/23

SAMPLE RESULTS

Lab ID: L2354250-02
Client ID: GRAB_A1(0.5-1)
Sample Location: OSSINING, NY

Date Collected: 09/15/23 09:40
Date Received: 09/15/23
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 High - Westborough Lab						
n-Propylbenzene	520		ug/kg	53	9.1	1
1,2,3-Trichlorobenzene	ND		ug/kg	110	17.	1
1,2,4-Trichlorobenzene	ND		ug/kg	110	14.	1
1,3,5-Trimethylbenzene	28	J	ug/kg	110	10.	1
1,2,4-Trimethylbenzene	82	J	ug/kg	110	18.	1
1,4-Dioxane	ND		ug/kg	4300	1900	1
p-Diethylbenzene	110		ug/kg	110	9.5	1
p-Ethyltoluene	68	J	ug/kg	110	20.	1
1,2,4,5-Tetramethylbenzene	460		ug/kg	110	10.	1
Ethyl ether	ND		ug/kg	110	18.	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	270	76.	1

Tentatively Identified Compounds

Total TIC Compounds	5690	J	ug/kg			1
Unknown	199	J	ug/kg			1
Unknown Benzene	714	J	ug/kg			1
Octane, 3-methyl-	208	NJ	ug/kg			1
Unknown Benzene	1050	J	ug/kg			1
Unknown Aromatic	308	J	ug/kg			1
Unknown Aromatic	316	J	ug/kg			1
Unknown Aromatic	587	J	ug/kg			1
Octane	332	NJ	ug/kg			1
Unknown	202	J	ug/kg			1
Unknown	265	J	ug/kg			1
Unknown	267	J	ug/kg			1
Unknown Benzene	194	J	ug/kg			1
Heptane, 3-methyl-	370	NJ	ug/kg			1
Unknown	348	J	ug/kg			1
Unknown Alkane	329	J	ug/kg			1

Project Name: SUN VALLEY SITE
Project Number: 12060 / PHASE 8

Lab Number: L2354250
Report Date: 09/22/23

SAMPLE RESULTS

Lab ID: L2354250-02
Client ID: GRAB_A1(0.5-1)
Sample Location: OSSINING, NY

Date Collected: 09/15/23 09:40
Date Received: 09/15/23
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 High - Westborough Lab						

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	88		70-130
Toluene-d8	97		70-130
4-Bromofluorobenzene	96		70-130
Dibromofluoromethane	87		70-130

Project Name: SUN VALLEY SITE
Project Number: 12060 / PHASE 8

Lab Number: L2354250
Report Date: 09/22/23

SAMPLE RESULTS

Lab ID: L2354250-04
Client ID: GRAB_A1(7-7.5)
Sample Location: OSSINING, NY

Date Collected: 09/15/23 10:40
Date Received: 09/15/23
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 09/20/23 14:49
Analyst: LAC
Percent Solids: 94%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	5.0	2.3	1
1,1-Dichloroethane	ND		ug/kg	1.0	0.14	1
Chloroform	ND		ug/kg	1.5	0.14	1
Carbon tetrachloride	ND		ug/kg	1.0	0.23	1
1,2-Dichloropropane	ND		ug/kg	1.0	0.12	1
Dibromochloromethane	ND		ug/kg	1.0	0.14	1
1,1,2-Trichloroethane	ND		ug/kg	1.0	0.27	1
Tetrachloroethene	ND		ug/kg	0.50	0.20	1
Chlorobenzene	ND		ug/kg	0.50	0.13	1
Trichlorofluoromethane	ND		ug/kg	4.0	0.69	1
1,2-Dichloroethane	ND		ug/kg	1.0	0.26	1
1,1,1-Trichloroethane	ND		ug/kg	0.50	0.17	1
Bromodichloromethane	ND		ug/kg	0.50	0.11	1
trans-1,3-Dichloropropene	ND		ug/kg	1.0	0.27	1
cis-1,3-Dichloropropene	ND		ug/kg	0.50	0.16	1
1,3-Dichloropropene, Total	ND		ug/kg	0.50	0.16	1
1,1-Dichloropropene	ND		ug/kg	0.50	0.16	1
Bromoform	ND		ug/kg	4.0	0.24	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.50	0.16	1
Benzene	1.6		ug/kg	0.50	0.16	1
Toluene	5.2		ug/kg	1.0	0.54	1
Ethylbenzene	13		ug/kg	1.0	0.14	1
Chloromethane	ND		ug/kg	4.0	0.93	1
Bromomethane	ND		ug/kg	2.0	0.58	1
Vinyl chloride	ND		ug/kg	1.0	0.33	1
Chloroethane	ND		ug/kg	2.0	0.45	1
1,1-Dichloroethene	ND		ug/kg	1.0	0.24	1
trans-1,2-Dichloroethene	ND		ug/kg	1.5	0.14	1

Project Name: SUN VALLEY SITE

Lab Number: L2354250

Project Number: 12060 / PHASE 8

Report Date: 09/22/23

SAMPLE RESULTS

Lab ID: L2354250-04
 Client ID: GRAB_A1(7-7.5)
 Sample Location: OSSINING, NY

Date Collected: 09/15/23 10:40
 Date Received: 09/15/23
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Trichloroethene	ND		ug/kg	0.50	0.14	1
1,2-Dichlorobenzene	ND		ug/kg	2.0	0.14	1
1,3-Dichlorobenzene	ND		ug/kg	2.0	0.15	1
1,4-Dichlorobenzene	ND		ug/kg	2.0	0.17	1
Methyl tert butyl ether	ND		ug/kg	2.0	0.20	1
p/m-Xylene	46		ug/kg	2.0	0.56	1
o-Xylene	21		ug/kg	1.0	0.29	1
Xylenes, Total	67		ug/kg	1.0	0.29	1
cis-1,2-Dichloroethene	ND		ug/kg	1.0	0.17	1
1,2-Dichloroethene, Total	ND		ug/kg	1.0	0.14	1
Dibromomethane	ND		ug/kg	2.0	0.24	1
Styrene	ND		ug/kg	1.0	0.20	1
Dichlorodifluoromethane	ND		ug/kg	10	0.91	1
Acetone	13		ug/kg	10	4.8	1
Carbon disulfide	ND		ug/kg	10	4.5	1
2-Butanone	18		ug/kg	10	2.2	1
Vinyl acetate	ND		ug/kg	10	2.1	1
4-Methyl-2-pentanone	1.7	J	ug/kg	10	1.3	1
1,2,3-Trichloropropane	ND		ug/kg	2.0	0.13	1
2-Hexanone	ND		ug/kg	10	1.2	1
Bromochloromethane	ND		ug/kg	2.0	0.20	1
2,2-Dichloropropane	ND		ug/kg	2.0	0.20	1
1,2-Dibromoethane	ND		ug/kg	1.0	0.28	1
1,3-Dichloropropane	ND		ug/kg	2.0	0.17	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.50	0.13	1
Bromobenzene	ND		ug/kg	2.0	0.14	1
n-Butylbenzene	4.6		ug/kg	1.0	0.17	1
sec-Butylbenzene	2.0		ug/kg	1.0	0.14	1
tert-Butylbenzene	ND		ug/kg	2.0	0.12	1
o-Chlorotoluene	ND		ug/kg	2.0	0.19	1
p-Chlorotoluene	ND		ug/kg	2.0	0.11	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.0	1.0	1
Hexachlorobutadiene	ND		ug/kg	4.0	0.17	1
Isopropylbenzene	3.3		ug/kg	1.0	0.11	1
p-Isopropyltoluene	0.94	J	ug/kg	1.0	0.11	1
Naphthalene	8.4		ug/kg	4.0	0.65	1
Acrylonitrile	ND		ug/kg	4.0	1.1	1

Project Name: SUN VALLEY SITE
Project Number: 12060 / PHASE 8

Lab Number: L2354250
Report Date: 09/22/23

SAMPLE RESULTS

Lab ID: L2354250-04
Client ID: GRAB_A1(7-7.5)
Sample Location: OSSINING, NY

Date Collected: 09/15/23 10:40
Date Received: 09/15/23
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
n-Propylbenzene	11		ug/kg	1.0	0.17	1
1,2,3-Trichlorobenzene	ND		ug/kg	2.0	0.32	1
1,2,4-Trichlorobenzene	ND		ug/kg	2.0	0.27	1
1,3,5-Trimethylbenzene	15		ug/kg	2.0	0.19	1
1,2,4-Trimethylbenzene	51		ug/kg	2.0	0.33	1
1,4-Dioxane	ND		ug/kg	80	35.	1
p-Diethylbenzene	27		ug/kg	2.0	0.18	1
p-Ethyltoluene	48		ug/kg	2.0	0.38	1
1,2,4,5-Tetramethylbenzene	8.1		ug/kg	2.0	0.19	1
Ethyl ether	ND		ug/kg	2.0	0.34	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	5.0	1.4	1

Tentatively Identified Compounds

Total TIC Compounds	358	J	ug/kg			1
Unknown Benzene	16.5	J	ug/kg			1
Unknown	19.0	J	ug/kg			1
Cyclohexane, methyl-	14.6	NJ	ug/kg			1
Unknown Benzene	18.8	J	ug/kg			1
Hexane, 2-methyl-	39.3	NJ	ug/kg			1
Heptane, 2-methyl-	39.2	NJ	ug/kg			1
Pentane, 2,3,4-trimethyl-	17.9	NJ	ug/kg			1
Unknown Benzene	14.6	J	ug/kg			1
Unknown Alkane	29.7	J	ug/kg			1
Hexane, 3-methyl-	42.1	NJ	ug/kg			1
Heptane, 3-methyl-	55.9	NJ	ug/kg			1
Unknown Benzene	16.2	J	ug/kg			1
Hexane, 2,4-dimethyl-	17.6	NJ	ug/kg			1
Pentane, 2,3,3-trimethyl-	16.8	NJ	ug/kg			1

Project Name: SUN VALLEY SITE
Project Number: 12060 / PHASE 8

Lab Number: L2354250
Report Date: 09/22/23

SAMPLE RESULTS

Lab ID: L2354250-04
Client ID: GRAB_A1(7-7.5)
Sample Location: OSSINING, NY

Date Collected: 09/15/23 10:40
Date Received: 09/15/23
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	85		70-130
Toluene-d8	98		70-130
4-Bromofluorobenzene	97		70-130
Dibromofluoromethane	86		70-130

Project Name: SUN VALLEY SITE**Lab Number:** L2354250**Project Number:** 12060 / PHASE 8**Report Date:** 09/22/23**SAMPLE RESULTS**

Lab ID: L2354250-06
 Client ID: GRAB_A1(17-17.5)
 Sample Location: OSSINING, NY

Date Collected: 09/15/23 10:45
 Date Received: 09/15/23
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8260D
 Analytical Date: 09/20/23 15:09
 Analyst: LAC
 Percent Solids: 93%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	4.8	2.2	1
1,1-Dichloroethane	ND		ug/kg	0.95	0.14	1
Chloroform	ND		ug/kg	1.4	0.13	1
Carbon tetrachloride	ND		ug/kg	0.95	0.22	1
1,2-Dichloropropane	ND		ug/kg	0.95	0.12	1
Dibromochloromethane	ND		ug/kg	0.95	0.13	1
1,1,2-Trichloroethane	ND		ug/kg	0.95	0.25	1
Tetrachloroethene	ND		ug/kg	0.48	0.19	1
Chlorobenzene	ND		ug/kg	0.48	0.12	1
Trichlorofluoromethane	ND		ug/kg	3.8	0.66	1
1,2-Dichloroethane	ND		ug/kg	0.95	0.24	1
1,1,1-Trichloroethane	ND		ug/kg	0.48	0.16	1
Bromodichloromethane	ND		ug/kg	0.48	0.10	1
trans-1,3-Dichloropropene	ND		ug/kg	0.95	0.26	1
cis-1,3-Dichloropropene	ND		ug/kg	0.48	0.15	1
1,3-Dichloropropene, Total	ND		ug/kg	0.48	0.15	1
1,1-Dichloropropene	ND		ug/kg	0.48	0.15	1
Bromoform	ND		ug/kg	3.8	0.23	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.48	0.16	1
Benzene	ND		ug/kg	0.48	0.16	1
Toluene	0.62	J	ug/kg	0.95	0.52	1
Ethylbenzene	ND		ug/kg	0.95	0.13	1
Chloromethane	ND		ug/kg	3.8	0.89	1
Bromomethane	ND		ug/kg	1.9	0.55	1
Vinyl chloride	ND		ug/kg	0.95	0.32	1
Chloroethane	ND		ug/kg	1.9	0.43	1
1,1-Dichloroethene	ND		ug/kg	0.95	0.23	1
trans-1,2-Dichloroethene	ND		ug/kg	1.4	0.13	1

Project Name: SUN VALLEY SITE

Lab Number: L2354250

Project Number: 12060 / PHASE 8

Report Date: 09/22/23

SAMPLE RESULTS

Lab ID: L2354250-06
 Client ID: GRAB_A1(17-17.5)
 Sample Location: OSSINING, NY

Date Collected: 09/15/23 10:45
 Date Received: 09/15/23
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Trichloroethene	ND		ug/kg	0.48	0.13	1
1,2-Dichlorobenzene	ND		ug/kg	1.9	0.14	1
1,3-Dichlorobenzene	ND		ug/kg	1.9	0.14	1
1,4-Dichlorobenzene	ND		ug/kg	1.9	0.16	1
Methyl tert butyl ether	ND		ug/kg	1.9	0.19	1
p/m-Xylene	ND		ug/kg	1.9	0.53	1
o-Xylene	ND		ug/kg	0.95	0.28	1
Xylenes, Total	ND		ug/kg	0.95	0.28	1
cis-1,2-Dichloroethene	ND		ug/kg	0.95	0.17	1
1,2-Dichloroethene, Total	ND		ug/kg	0.95	0.13	1
Dibromomethane	ND		ug/kg	1.9	0.23	1
Styrene	ND		ug/kg	0.95	0.19	1
Dichlorodifluoromethane	ND		ug/kg	9.5	0.87	1
Acetone	6.0	J	ug/kg	9.5	4.6	1
Carbon disulfide	ND		ug/kg	9.5	4.3	1
2-Butanone	ND		ug/kg	9.5	2.1	1
Vinyl acetate	ND		ug/kg	9.5	2.0	1
4-Methyl-2-pentanone	ND		ug/kg	9.5	1.2	1
1,2,3-Trichloropropane	ND		ug/kg	1.9	0.12	1
2-Hexanone	ND		ug/kg	9.5	1.1	1
Bromochloromethane	ND		ug/kg	1.9	0.20	1
2,2-Dichloropropane	ND		ug/kg	1.9	0.19	1
1,2-Dibromoethane	ND		ug/kg	0.95	0.26	1
1,3-Dichloropropane	ND		ug/kg	1.9	0.16	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.48	0.12	1
Bromobenzene	ND		ug/kg	1.9	0.14	1
n-Butylbenzene	ND		ug/kg	0.95	0.16	1
sec-Butylbenzene	ND		ug/kg	0.95	0.14	1
tert-Butylbenzene	ND		ug/kg	1.9	0.11	1
o-Chlorotoluene	ND		ug/kg	1.9	0.18	1
p-Chlorotoluene	ND		ug/kg	1.9	0.10	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	2.8	0.95	1
Hexachlorobutadiene	ND		ug/kg	3.8	0.16	1
Isopropylbenzene	ND		ug/kg	0.95	0.10	1
p-Isopropyltoluene	ND		ug/kg	0.95	0.10	1
Naphthalene	ND		ug/kg	3.8	0.62	1
Acrylonitrile	ND		ug/kg	3.8	1.1	1

Project Name: SUN VALLEY SITE**Lab Number:** L2354250**Project Number:** 12060 / PHASE 8**Report Date:** 09/22/23**SAMPLE RESULTS**

Lab ID: L2354250-06
 Client ID: GRAB_A1(17-17.5)
 Sample Location: OSSINING, NY

Date Collected: 09/15/23 10:45
 Date Received: 09/15/23
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
n-Propylbenzene	ND		ug/kg	0.95	0.16	1
1,2,3-Trichlorobenzene	ND		ug/kg	1.9	0.31	1
1,2,4-Trichlorobenzene	ND		ug/kg	1.9	0.26	1
1,3,5-Trimethylbenzene	ND		ug/kg	1.9	0.18	1
1,2,4-Trimethylbenzene	ND		ug/kg	1.9	0.32	1
1,4-Dioxane	ND		ug/kg	76	33.	1
p-Diethylbenzene	ND		ug/kg	1.9	0.17	1
p-Ethyltoluene	ND		ug/kg	1.9	0.36	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	1.9	0.18	1
Ethyl ether	ND		ug/kg	1.9	0.32	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	4.8	1.4	1

Tentatively Identified Compounds

No Tentatively Identified Compounds ND ug/kg 1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	92		70-130
Toluene-d8	92		70-130
4-Bromofluorobenzene	90		70-130
Dibromofluoromethane	97		70-130

Project Name: SUN VALLEY SITE**Lab Number:** L2354250**Project Number:** 12060 / PHASE 8**Report Date:** 09/22/23**SAMPLE RESULTS**

Lab ID: L2354250-08
 Client ID: GRAB_A2(5.0-5.5)
 Sample Location: OSSINING, NY

Date Collected: 09/15/23 14:50
 Date Received: 09/15/23
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8260D
 Analytical Date: 09/20/23 15:30
 Analyst: LAC
 Percent Solids: 92%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	4.9	2.2	1
1,1-Dichloroethane	ND		ug/kg	0.98	0.14	1
Chloroform	ND		ug/kg	1.5	0.14	1
Carbon tetrachloride	ND		ug/kg	0.98	0.23	1
1,2-Dichloropropane	ND		ug/kg	0.98	0.12	1
Dibromochloromethane	ND		ug/kg	0.98	0.14	1
1,1,2-Trichloroethane	ND		ug/kg	0.98	0.26	1
Tetrachloroethene	ND		ug/kg	0.49	0.19	1
Chlorobenzene	ND		ug/kg	0.49	0.12	1
Trichlorofluoromethane	ND		ug/kg	3.9	0.68	1
1,2-Dichloroethane	ND		ug/kg	0.98	0.25	1
1,1,1-Trichloroethane	ND		ug/kg	0.49	0.16	1
Bromodichloromethane	ND		ug/kg	0.49	0.11	1
trans-1,3-Dichloropropene	ND		ug/kg	0.98	0.27	1
cis-1,3-Dichloropropene	ND		ug/kg	0.49	0.16	1
1,3-Dichloropropene, Total	ND		ug/kg	0.49	0.16	1
1,1-Dichloropropene	ND		ug/kg	0.49	0.16	1
Bromoform	ND		ug/kg	3.9	0.24	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.49	0.16	1
Benzene	ND		ug/kg	0.49	0.16	1
Toluene	ND		ug/kg	0.98	0.53	1
Ethylbenzene	ND		ug/kg	0.98	0.14	1
Chloromethane	ND		ug/kg	3.9	0.92	1
Bromomethane	ND		ug/kg	2.0	0.57	1
Vinyl chloride	ND		ug/kg	0.98	0.33	1
Chloroethane	ND		ug/kg	2.0	0.44	1
1,1-Dichloroethene	ND		ug/kg	0.98	0.23	1
trans-1,2-Dichloroethene	ND		ug/kg	1.5	0.13	1

Project Name: SUN VALLEY SITE**Lab Number:** L2354250**Project Number:** 12060 / PHASE 8**Report Date:** 09/22/23**SAMPLE RESULTS**

Lab ID: L2354250-08
 Client ID: GRAB_A2(5.0-5.5)
 Sample Location: OSSINING, NY

Date Collected: 09/15/23 14:50
 Date Received: 09/15/23
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Trichloroethene	ND		ug/kg	0.49	0.13	1
1,2-Dichlorobenzene	ND		ug/kg	2.0	0.14	1
1,3-Dichlorobenzene	ND		ug/kg	2.0	0.14	1
1,4-Dichlorobenzene	ND		ug/kg	2.0	0.17	1
Methyl tert butyl ether	ND		ug/kg	2.0	0.20	1
p/m-Xylene	ND		ug/kg	2.0	0.55	1
o-Xylene	ND		ug/kg	0.98	0.29	1
Xylenes, Total	ND		ug/kg	0.98	0.29	1
cis-1,2-Dichloroethene	ND		ug/kg	0.98	0.17	1
1,2-Dichloroethene, Total	ND		ug/kg	0.98	0.13	1
Dibromomethane	ND		ug/kg	2.0	0.23	1
Styrene	ND		ug/kg	0.98	0.19	1
Dichlorodifluoromethane	ND		ug/kg	9.8	0.90	1
Acetone	ND		ug/kg	9.8	4.7	1
Carbon disulfide	ND		ug/kg	9.8	4.5	1
2-Butanone	ND		ug/kg	9.8	2.2	1
Vinyl acetate	ND		ug/kg	9.8	2.1	1
4-Methyl-2-pentanone	ND		ug/kg	9.8	1.2	1
1,2,3-Trichloropropane	ND		ug/kg	2.0	0.12	1
2-Hexanone	ND		ug/kg	9.8	1.2	1
Bromochloromethane	ND		ug/kg	2.0	0.20	1
2,2-Dichloropropane	ND		ug/kg	2.0	0.20	1
1,2-Dibromoethane	ND		ug/kg	0.98	0.27	1
1,3-Dichloropropane	ND		ug/kg	2.0	0.16	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.49	0.13	1
Bromobenzene	ND		ug/kg	2.0	0.14	1
n-Butylbenzene	ND		ug/kg	0.98	0.16	1
sec-Butylbenzene	ND		ug/kg	0.98	0.14	1
tert-Butylbenzene	ND		ug/kg	2.0	0.12	1
o-Chlorotoluene	ND		ug/kg	2.0	0.19	1
p-Chlorotoluene	ND		ug/kg	2.0	0.11	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.0	0.98	1
Hexachlorobutadiene	ND		ug/kg	3.9	0.17	1
Isopropylbenzene	ND		ug/kg	0.98	0.11	1
p-Isopropyltoluene	ND		ug/kg	0.98	0.11	1
Naphthalene	ND		ug/kg	3.9	0.64	1
Acrylonitrile	ND		ug/kg	3.9	1.1	1

Project Name: SUN VALLEY SITE
Project Number: 12060 / PHASE 8

Lab Number: L2354250
Report Date: 09/22/23

SAMPLE RESULTS

Lab ID: L2354250-08
Client ID: GRAB_A2(5.0-5.5)
Sample Location: OSSINING, NY

Date Collected: 09/15/23 14:50
Date Received: 09/15/23
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
n-Propylbenzene	ND		ug/kg	0.98	0.17	1
1,2,3-Trichlorobenzene	ND		ug/kg	2.0	0.32	1
1,2,4-Trichlorobenzene	ND		ug/kg	2.0	0.27	1
1,3,5-Trimethylbenzene	ND		ug/kg	2.0	0.19	1
1,2,4-Trimethylbenzene	ND		ug/kg	2.0	0.33	1
1,4-Dioxane	ND		ug/kg	79	34.	1
p-Diethylbenzene	ND		ug/kg	2.0	0.17	1
p-Ethyltoluene	ND		ug/kg	2.0	0.38	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	2.0	0.19	1
Ethyl ether	ND		ug/kg	2.0	0.34	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	4.9	1.4	1

Tentatively Identified Compounds

No Tentatively Identified Compounds ND ug/kg 1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	92		70-130
Toluene-d8	93		70-130
4-Bromofluorobenzene	94		70-130
Dibromofluoromethane	93		70-130

Project Name: SUN VALLEY SITE**Lab Number:** L2354250**Project Number:** 12060 / PHASE 8**Report Date:** 09/22/23**SAMPLE RESULTS**

Lab ID: L2354250-10
 Client ID: GRAB_A2(15-15.5)
 Sample Location: OSSINING, NY

Date Collected: 09/15/23 14:55
 Date Received: 09/15/23
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8260D
 Analytical Date: 09/20/23 15:51
 Analyst: LAC
 Percent Solids: 91%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	5.0	2.3	1
1,1-Dichloroethane	ND		ug/kg	1.0	0.14	1
Chloroform	ND		ug/kg	1.5	0.14	1
Carbon tetrachloride	ND		ug/kg	1.0	0.23	1
1,2-Dichloropropane	ND		ug/kg	1.0	0.12	1
Dibromochloromethane	ND		ug/kg	1.0	0.14	1
1,1,2-Trichloroethane	ND		ug/kg	1.0	0.27	1
Tetrachloroethene	ND		ug/kg	0.50	0.20	1
Chlorobenzene	ND		ug/kg	0.50	0.13	1
Trichlorofluoromethane	ND		ug/kg	4.0	0.70	1
1,2-Dichloroethane	ND		ug/kg	1.0	0.26	1
1,1,1-Trichloroethane	ND		ug/kg	0.50	0.17	1
Bromodichloromethane	ND		ug/kg	0.50	0.11	1
trans-1,3-Dichloropropene	ND		ug/kg	1.0	0.27	1
cis-1,3-Dichloropropene	ND		ug/kg	0.50	0.16	1
1,3-Dichloropropene, Total	ND		ug/kg	0.50	0.16	1
1,1-Dichloropropene	ND		ug/kg	0.50	0.16	1
Bromoform	ND		ug/kg	4.0	0.25	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.50	0.17	1
Benzene	ND		ug/kg	0.50	0.17	1
Toluene	0.78	J	ug/kg	1.0	0.55	1
Ethylbenzene	ND		ug/kg	1.0	0.14	1
Chloromethane	ND		ug/kg	4.0	0.94	1
Bromomethane	ND		ug/kg	2.0	0.58	1
Vinyl chloride	ND		ug/kg	1.0	0.34	1
Chloroethane	ND		ug/kg	2.0	0.45	1
1,1-Dichloroethene	ND		ug/kg	1.0	0.24	1
trans-1,2-Dichloroethene	ND		ug/kg	1.5	0.14	1

Project Name: SUN VALLEY SITE

Lab Number: L2354250

Project Number: 12060 / PHASE 8

Report Date: 09/22/23

SAMPLE RESULTS

Lab ID: L2354250-10
 Client ID: GRAB_A2(15-15.5)
 Sample Location: OSSINING, NY

Date Collected: 09/15/23 14:55
 Date Received: 09/15/23
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Trichloroethene	ND		ug/kg	0.50	0.14	1
1,2-Dichlorobenzene	ND		ug/kg	2.0	0.14	1
1,3-Dichlorobenzene	ND		ug/kg	2.0	0.15	1
1,4-Dichlorobenzene	ND		ug/kg	2.0	0.17	1
Methyl tert butyl ether	ND		ug/kg	2.0	0.20	1
p/m-Xylene	ND		ug/kg	2.0	0.56	1
o-Xylene	ND		ug/kg	1.0	0.29	1
Xylenes, Total	ND		ug/kg	1.0	0.29	1
cis-1,2-Dichloroethene	ND		ug/kg	1.0	0.18	1
1,2-Dichloroethene, Total	ND		ug/kg	1.0	0.14	1
Dibromomethane	ND		ug/kg	2.0	0.24	1
Styrene	ND		ug/kg	1.0	0.20	1
Dichlorodifluoromethane	ND		ug/kg	10	0.92	1
Acetone	12		ug/kg	10	4.8	1
Carbon disulfide	ND		ug/kg	10	4.6	1
2-Butanone	2.4	J	ug/kg	10	2.2	1
Vinyl acetate	ND		ug/kg	10	2.2	1
4-Methyl-2-pentanone	ND		ug/kg	10	1.3	1
1,2,3-Trichloropropane	ND		ug/kg	2.0	0.13	1
2-Hexanone	ND		ug/kg	10	1.2	1
Bromochloromethane	ND		ug/kg	2.0	0.21	1
2,2-Dichloropropane	ND		ug/kg	2.0	0.20	1
1,2-Dibromoethane	ND		ug/kg	1.0	0.28	1
1,3-Dichloropropane	ND		ug/kg	2.0	0.17	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.50	0.13	1
Bromobenzene	ND		ug/kg	2.0	0.14	1
n-Butylbenzene	ND		ug/kg	1.0	0.17	1
sec-Butylbenzene	ND		ug/kg	1.0	0.15	1
tert-Butylbenzene	ND		ug/kg	2.0	0.12	1
o-Chlorotoluene	ND		ug/kg	2.0	0.19	1
p-Chlorotoluene	ND		ug/kg	2.0	0.11	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.0	1.0	1
Hexachlorobutadiene	ND		ug/kg	4.0	0.17	1
Isopropylbenzene	ND		ug/kg	1.0	0.11	1
p-Isopropyltoluene	ND		ug/kg	1.0	0.11	1
Naphthalene	ND		ug/kg	4.0	0.65	1
Acrylonitrile	ND		ug/kg	4.0	1.2	1

Project Name: SUN VALLEY SITE**Lab Number:** L2354250**Project Number:** 12060 / PHASE 8**Report Date:** 09/22/23**SAMPLE RESULTS**

Lab ID: L2354250-10
 Client ID: GRAB_A2(15-15.5)
 Sample Location: OSSINING, NY

Date Collected: 09/15/23 14:55
 Date Received: 09/15/23
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
n-Propylbenzene	ND		ug/kg	1.0	0.17	1
1,2,3-Trichlorobenzene	ND		ug/kg	2.0	0.32	1
1,2,4-Trichlorobenzene	ND		ug/kg	2.0	0.27	1
1,3,5-Trimethylbenzene	ND		ug/kg	2.0	0.19	1
1,2,4-Trimethylbenzene	ND		ug/kg	2.0	0.34	1
1,4-Dioxane	ND		ug/kg	80	35.	1
p-Diethylbenzene	ND		ug/kg	2.0	0.18	1
p-Ethyltoluene	ND		ug/kg	2.0	0.39	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	2.0	0.19	1
Ethyl ether	ND		ug/kg	2.0	0.34	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	5.0	1.4	1

Tentatively Identified Compounds

No Tentatively Identified Compounds ND ug/kg 1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	96		70-130
Toluene-d8	90		70-130
4-Bromofluorobenzene	86		70-130
Dibromofluoromethane	97		70-130

Project Name: SUN VALLEY SITE
Project Number: 12060 / PHASE 8

Lab Number: L2354250
Report Date: 09/22/23

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8260D
 Analytical Date: 09/20/23 09:17
 Analyst: AJK

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 02,04,06,08,10 Batch: WG1829818-5					
Methylene chloride	ND		ug/kg	5.0	2.3
1,1-Dichloroethane	ND		ug/kg	1.0	0.14
Chloroform	ND		ug/kg	1.5	0.14
Carbon tetrachloride	ND		ug/kg	1.0	0.23
1,2-Dichloropropane	ND		ug/kg	1.0	0.12
Dibromochloromethane	ND		ug/kg	1.0	0.14
1,1,2-Trichloroethane	ND		ug/kg	1.0	0.27
Tetrachloroethene	ND		ug/kg	0.50	0.20
Chlorobenzene	ND		ug/kg	0.50	0.13
Trichlorofluoromethane	ND		ug/kg	4.0	0.70
1,2-Dichloroethane	ND		ug/kg	1.0	0.26
1,1,1-Trichloroethane	ND		ug/kg	0.50	0.17
Bromodichloromethane	ND		ug/kg	0.50	0.11
trans-1,3-Dichloropropene	ND		ug/kg	1.0	0.27
cis-1,3-Dichloropropene	ND		ug/kg	0.50	0.16
1,3-Dichloropropene, Total	ND		ug/kg	0.50	0.16
1,1-Dichloropropene	ND		ug/kg	0.50	0.16
Bromoform	ND		ug/kg	4.0	0.25
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.50	0.17
Benzene	ND		ug/kg	0.50	0.17
Toluene	ND		ug/kg	1.0	0.54
Ethylbenzene	ND		ug/kg	1.0	0.14
Chloromethane	ND		ug/kg	4.0	0.93
Bromomethane	ND		ug/kg	2.0	0.58
Vinyl chloride	ND		ug/kg	1.0	0.34
Chloroethane	ND		ug/kg	2.0	0.45
1,1-Dichloroethene	ND		ug/kg	1.0	0.24
trans-1,2-Dichloroethene	ND		ug/kg	1.5	0.14
Trichloroethene	ND		ug/kg	0.50	0.14

Project Name: SUN VALLEY SITE
Project Number: 12060 / PHASE 8

Lab Number: L2354250
Report Date: 09/22/23

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8260D
 Analytical Date: 09/20/23 09:17
 Analyst: AJK

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 02,04,06,08,10 Batch: WG1829818-5					
1,2-Dichlorobenzene	ND		ug/kg	2.0	0.14
1,3-Dichlorobenzene	ND		ug/kg	2.0	0.15
1,4-Dichlorobenzene	ND		ug/kg	2.0	0.17
Methyl tert butyl ether	ND		ug/kg	2.0	0.20
p/m-Xylene	ND		ug/kg	2.0	0.56
o-Xylene	ND		ug/kg	1.0	0.29
Xylenes, Total	ND		ug/kg	1.0	0.29
cis-1,2-Dichloroethene	ND		ug/kg	1.0	0.18
1,2-Dichloroethene, Total	ND		ug/kg	1.0	0.14
Dibromomethane	ND		ug/kg	2.0	0.24
Styrene	ND		ug/kg	1.0	0.20
Dichlorodifluoromethane	ND		ug/kg	10	0.92
Acetone	ND		ug/kg	10	4.8
Carbon disulfide	ND		ug/kg	10	4.6
2-Butanone	ND		ug/kg	10	2.2
Vinyl acetate	ND		ug/kg	10	2.2
4-Methyl-2-pentanone	ND		ug/kg	10	1.3
1,2,3-Trichloropropane	ND		ug/kg	2.0	0.13
2-Hexanone	ND		ug/kg	10	1.2
Bromochloromethane	ND		ug/kg	2.0	0.20
2,2-Dichloropropane	ND		ug/kg	2.0	0.20
1,2-Dibromoethane	ND		ug/kg	1.0	0.28
1,3-Dichloropropane	ND		ug/kg	2.0	0.17
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.50	0.13
Bromobenzene	ND		ug/kg	2.0	0.14
n-Butylbenzene	ND		ug/kg	1.0	0.17
sec-Butylbenzene	ND		ug/kg	1.0	0.15
tert-Butylbenzene	ND		ug/kg	2.0	0.12
o-Chlorotoluene	ND		ug/kg	2.0	0.19

Project Name: SUN VALLEY SITE
Project Number: 12060 / PHASE 8

Lab Number: L2354250
Report Date: 09/22/23

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8260D
 Analytical Date: 09/20/23 09:17
 Analyst: AJK

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 02,04,06,08,10 Batch: WG1829818-5					
p-Chlorotoluene	ND		ug/kg	2.0	0.11
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.0	1.0
Hexachlorobutadiene	ND		ug/kg	4.0	0.17
Isopropylbenzene	ND		ug/kg	1.0	0.11
p-Isopropyltoluene	ND		ug/kg	1.0	0.11
Naphthalene	ND		ug/kg	4.0	0.65
Acrylonitrile	ND		ug/kg	4.0	1.2
n-Propylbenzene	ND		ug/kg	1.0	0.17
1,2,3-Trichlorobenzene	ND		ug/kg	2.0	0.32
1,2,4-Trichlorobenzene	ND		ug/kg	2.0	0.27
1,3,5-Trimethylbenzene	ND		ug/kg	2.0	0.19
1,2,4-Trimethylbenzene	ND		ug/kg	2.0	0.33
1,4-Dioxane	ND		ug/kg	80	35.
p-Diethylbenzene	ND		ug/kg	2.0	0.18
p-Ethyltoluene	ND		ug/kg	2.0	0.38
1,2,4,5-Tetramethylbenzene	ND		ug/kg	2.0	0.19
Ethyl ether	ND		ug/kg	2.0	0.34
trans-1,4-Dichloro-2-butene	ND		ug/kg	5.0	1.4

Tentatively Identified Compounds

Total TIC Compounds	15.9	J	ug/kg
Unknown	15.9	J	ug/kg

Project Name: SUN VALLEY SITE
Project Number: 12060 / PHASE 8

Lab Number: L2354250
Report Date: 09/22/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
 Analytical Date: 09/20/23 09:17
 Analyst: AJK

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 02,04,06,08,10 Batch: WG1829818-5					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	101		70-130
Toluene-d8	93		70-130
4-Bromofluorobenzene	87		70-130
Dibromofluoromethane	98		70-130

Project Name: SUN VALLEY SITE
Project Number: 12060 / PHASE 8

Lab Number: L2354250
Report Date: 09/22/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 09/21/23 09:19
Analyst: AJK

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 High - Westborough Lab for sample(s): 02 Batch: WG1830338-5					
Methylene chloride	ND		ug/kg	250	110
1,1-Dichloroethane	ND		ug/kg	50	7.2
Chloroform	ND		ug/kg	75	7.0
Carbon tetrachloride	ND		ug/kg	50	12.
1,2-Dichloropropane	ND		ug/kg	50	6.2
Dibromochloromethane	ND		ug/kg	50	7.0
1,1,2-Trichloroethane	ND		ug/kg	50	13.
Tetrachloroethene	ND		ug/kg	25	9.8
Chlorobenzene	ND		ug/kg	25	6.4
Trichlorofluoromethane	ND		ug/kg	200	35.
1,2-Dichloroethane	ND		ug/kg	50	13.
1,1,1-Trichloroethane	ND		ug/kg	25	8.4
Bromodichloromethane	ND		ug/kg	25	5.4
trans-1,3-Dichloropropene	ND		ug/kg	50	14.
cis-1,3-Dichloropropene	ND		ug/kg	25	7.9
1,3-Dichloropropene, Total	ND		ug/kg	25	7.9
1,1-Dichloropropene	ND		ug/kg	25	8.0
Bromoform	ND		ug/kg	200	12.
1,1,2,2-Tetrachloroethane	ND		ug/kg	25	8.3
Benzene	ND		ug/kg	25	8.3
Toluene	ND		ug/kg	50	27.
Ethylbenzene	ND		ug/kg	50	7.0
Chloromethane	ND		ug/kg	200	47.
Bromomethane	ND		ug/kg	100	29.
Vinyl chloride	ND		ug/kg	50	17.
Chloroethane	ND		ug/kg	100	23.
1,1-Dichloroethene	ND		ug/kg	50	12.
trans-1,2-Dichloroethene	ND		ug/kg	75	6.8
Trichloroethene	ND		ug/kg	25	6.8

Project Name: SUN VALLEY SITE
Project Number: 12060 / PHASE 8

Lab Number: L2354250
Report Date: 09/22/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 09/21/23 09:19
Analyst: AJK

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 High - Westborough Lab for sample(s): 02 Batch: WG1830338-5					
1,2-Dichlorobenzene	ND		ug/kg	100	7.2
1,3-Dichlorobenzene	ND		ug/kg	100	7.4
1,4-Dichlorobenzene	ND		ug/kg	100	8.6
Methyl tert butyl ether	ND		ug/kg	100	10.
p/m-Xylene	ND		ug/kg	100	28.
o-Xylene	ND		ug/kg	50	14.
Xylenes, Total	ND		ug/kg	50	14.
cis-1,2-Dichloroethene	ND		ug/kg	50	8.8
1,2-Dichloroethene, Total	ND		ug/kg	50	6.8
Dibromomethane	ND		ug/kg	100	12.
Styrene	ND		ug/kg	50	9.8
Dichlorodifluoromethane	ND		ug/kg	500	46.
Acetone	ND		ug/kg	500	240
Carbon disulfide	ND		ug/kg	500	230
2-Butanone	ND		ug/kg	500	110
Vinyl acetate	ND		ug/kg	500	110
4-Methyl-2-pentanone	ND		ug/kg	500	64.
1,2,3-Trichloropropane	ND		ug/kg	100	6.4
2-Hexanone	ND		ug/kg	500	59.
Bromochloromethane	ND		ug/kg	100	10.
2,2-Dichloropropane	ND		ug/kg	100	10.
1,2-Dibromoethane	ND		ug/kg	50	14.
1,3-Dichloropropane	ND		ug/kg	100	8.4
1,1,1,2-Tetrachloroethane	ND		ug/kg	25	6.6
Bromobenzene	ND		ug/kg	100	7.2
n-Butylbenzene	ND		ug/kg	50	8.4
sec-Butylbenzene	ND		ug/kg	50	7.3
tert-Butylbenzene	ND		ug/kg	100	5.9
o-Chlorotoluene	ND		ug/kg	100	9.6

Project Name: SUN VALLEY SITE
Project Number: 12060 / PHASE 8

Lab Number: L2354250
Report Date: 09/22/23

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 09/21/23 09:19
Analyst: AJK

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 High - Westborough Lab for sample(s): 02 Batch: WG1830338-5					
p-Chlorotoluene	ND		ug/kg	100	5.4
1,2-Dibromo-3-chloropropane	ND		ug/kg	150	50.
Hexachlorobutadiene	ND		ug/kg	200	8.4
Isopropylbenzene	ND		ug/kg	50	5.4
p-Isopropyltoluene	ND		ug/kg	50	5.4
Naphthalene	ND		ug/kg	200	32.
Acrylonitrile	ND		ug/kg	200	58.
n-Propylbenzene	ND		ug/kg	50	8.6
1,2,3-Trichlorobenzene	ND		ug/kg	100	16.
1,2,4-Trichlorobenzene	ND		ug/kg	100	14.
1,3,5-Trimethylbenzene	ND		ug/kg	100	9.6
1,2,4-Trimethylbenzene	ND		ug/kg	100	17.
1,4-Dioxane	ND		ug/kg	4000	1800
p-Diethylbenzene	ND		ug/kg	100	8.8
p-Ethyltoluene	ND		ug/kg	100	19.
1,2,4,5-Tetramethylbenzene	ND		ug/kg	100	9.6
Ethyl ether	ND		ug/kg	100	17.
trans-1,4-Dichloro-2-butene	ND		ug/kg	250	71.

Tentatively Identified Compounds

Total TIC Compounds	122	J	ug/kg
Cyclotrisiloxane, Hexamethyl-	122	NJ	ug/kg

Project Name: SUN VALLEY SITE
Project Number: 12060 / PHASE 8

Lab Number: L2354250
Report Date: 09/22/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 09/21/23 09:19
Analyst: AJK

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 High - Westborough Lab for sample(s): 02 Batch: WG1830338-5					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	91		70-130
Toluene-d8	97		70-130
4-Bromofluorobenzene	98		70-130
Dibromofluoromethane	90		70-130

Lab Control Sample Analysis

Batch Quality Control

Project Name: SUN VALLEY SITE

Project Number: 12060 / PHASE 8

Lab Number: L2354250

Report Date: 09/22/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 02,04,06,08,10 Batch: WG1829818-3 WG1829818-4								
Methylene chloride	89		90		70-130	1		30
1,1-Dichloroethane	90		90		70-130	0		30
Chloroform	77		80		70-130	4		30
Carbon tetrachloride	80		84		70-130	5		30
1,2-Dichloropropane	88		92		70-130	4		30
Dibromochloromethane	98		101		70-130	3		30
1,1,2-Trichloroethane	97		100		70-130	3		30
Tetrachloroethene	99		108		70-130	9		30
Chlorobenzene	92		96		70-130	4		30
Trichlorofluoromethane	90		94		70-139	4		30
1,2-Dichloroethane	89		91		70-130	2		30
1,1,1-Trichloroethane	81		86		70-130	6		30
Bromodichloromethane	87		90		70-130	3		30
trans-1,3-Dichloropropene	92		97		70-130	5		30
cis-1,3-Dichloropropene	95		97		70-130	2		30
1,1-Dichloropropene	85		88		70-130	3		30
Bromoform	88		89		70-130	1		30
1,1,2,2-Tetrachloroethane	75		77		70-130	3		30
Benzene	88		91		70-130	3		30
Toluene	88		91		70-130	3		30
Ethylbenzene	89		91		70-130	2		30
Chloromethane	80		77		52-130	4		30
Bromomethane	75		79		57-147	5		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: SUN VALLEY SITE

Project Number: 12060 / PHASE 8

Lab Number: L2354250

Report Date: 09/22/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 02,04,06,08,10 Batch: WG1829818-3 WG1829818-4								
Vinyl chloride	82		84		67-130	2		30
Chloroethane	78		82		50-151	5		30
1,1-Dichloroethene	89		91		65-135	2		30
trans-1,2-Dichloroethene	92		97		70-130	5		30
Trichloroethene	94		99		70-130	5		30
1,2-Dichlorobenzene	90		94		70-130	4		30
1,3-Dichlorobenzene	93		96		70-130	3		30
1,4-Dichlorobenzene	92		96		70-130	4		30
Methyl tert butyl ether	92		93		66-130	1		30
p/m-Xylene	94		98		70-130	4		30
o-Xylene	94		99		70-130	5		30
cis-1,2-Dichloroethene	77		92		70-130	18		30
Dibromomethane	91		92		70-130	1		30
Styrene	97		103		70-130	6		30
Dichlorodifluoromethane	75		77		30-146	3		30
Acetone	85		77		54-140	10		30
Carbon disulfide	82		86		59-130	5		30
2-Butanone	68	Q	67	Q	70-130	1		30
Vinyl acetate	70		84		70-130	18		30
4-Methyl-2-pentanone	81		84		70-130	4		30
1,2,3-Trichloropropane	78		80		68-130	3		30
2-Hexanone	71		76		70-130	7		30
Bromochloromethane	86		101		70-130	16		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: SUN VALLEY SITE

Project Number: 12060 / PHASE 8

Lab Number: L2354250

Report Date: 09/22/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 02,04,06,08,10 Batch: WG1829818-3 WG1829818-4								
2,2-Dichloropropane	73		88		70-130	19		30
1,2-Dibromoethane	98		101		70-130	3		30
1,3-Dichloropropane	89		93		69-130	4		30
1,1,1,2-Tetrachloroethane	99		105		70-130	6		30
Bromobenzene	95		96		70-130	1		30
n-Butylbenzene	86		88		70-130	2		30
sec-Butylbenzene	86		89		70-130	3		30
tert-Butylbenzene	88		89		70-130	1		30
o-Chlorotoluene	102		106		70-130	4		30
p-Chlorotoluene	85		88		70-130	3		30
1,2-Dibromo-3-chloropropane	89		92		68-130	3		30
Hexachlorobutadiene	96		100		67-130	4		30
Isopropylbenzene	84		87		70-130	4		30
p-Isopropyltoluene	90		93		70-130	3		30
Naphthalene	87		90		70-130	3		30
Acrylonitrile	73		80		70-130	9		30
n-Propylbenzene	82		84		70-130	2		30
1,2,3-Trichlorobenzene	104		107		70-130	3		30
1,2,4-Trichlorobenzene	103		105		70-130	2		30
1,3,5-Trimethylbenzene	88		91		70-130	3		30
1,2,4-Trimethylbenzene	90		92		70-130	2		30
1,4-Dioxane	84		90		65-136	7		30
p-Diethylbenzene	92		95		70-130	3		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: SUN VALLEY SITE

Project Number: 12060 / PHASE 8

Lab Number: L2354250

Report Date: 09/22/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 02,04,06,08,10 Batch: WG1829818-3 WG1829818-4								
p-Ethyltoluene	88		91		70-130	3		30
1,2,4,5-Tetramethylbenzene	89		91		70-130	2		30
Ethyl ether	85		82		67-130	4		30
trans-1,4-Dichloro-2-butene	72		75		70-130	4		30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	89		88		70-130
Toluene-d8	92		96		70-130
4-Bromofluorobenzene	90		90		70-130
Dibromofluoromethane	89		91		70-130

Lab Control Sample Analysis **Batch Quality Control**

Project Name: SUN VALLEY SITE

Project Number: 12060 / PHASE 8

Lab Number: L2354250

Report Date: 09/22/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 High - Westborough Lab Associated sample(s): 02 Batch: WG1830338-3 WG1830338-4								
Methylene chloride	81		78		70-130	4		30
1,1-Dichloroethane	81		77		70-130	5		30
Chloroform	82		79		70-130	4		30
Carbon tetrachloride	83		79		70-130	5		30
1,2-Dichloropropane	85		82		70-130	4		30
Dibromochloromethane	93		90		70-130	3		30
1,1,2-Trichloroethane	87		84		70-130	4		30
Tetrachloroethene	91		86		70-130	6		30
Chlorobenzene	92		87		70-130	6		30
Trichlorofluoromethane	82		78		70-139	5		30
1,2-Dichloroethane	85		82		70-130	4		30
1,1,1-Trichloroethane	83		79		70-130	5		30
Bromodichloromethane	84		81		70-130	4		30
trans-1,3-Dichloropropene	90		86		70-130	5		30
cis-1,3-Dichloropropene	90		86		70-130	5		30
1,1-Dichloropropene	86		80		70-130	7		30
Bromoform	84		82		70-130	2		30
1,1,2,2-Tetrachloroethane	84		81		70-130	4		30
Benzene	86		81		70-130	6		30
Toluene	85		79		70-130	7		30
Ethylbenzene	87		82		70-130	6		30
Chloromethane	70		64		52-130	9		30
Bromomethane	81		76		57-147	6		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: SUN VALLEY SITE

Project Number: 12060 / PHASE 8

Lab Number: L2354250

Report Date: 09/22/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 High - Westborough Lab Associated sample(s): 02 Batch: WG1830338-3 WG1830338-4								
Vinyl chloride	73		67		67-130	9		30
Chloroethane	80		77		50-151	4		30
1,1-Dichloroethene	77		72		65-135	7		30
trans-1,2-Dichloroethene	81		76		70-130	6		30
Trichloroethene	87		83		70-130	5		30
1,2-Dichlorobenzene	96		93		70-130	3		30
1,3-Dichlorobenzene	95		91		70-130	4		30
1,4-Dichlorobenzene	95		91		70-130	4		30
Methyl tert butyl ether	93		91		66-130	2		30
p/m-Xylene	91		86		70-130	6		30
o-Xylene	90		87		70-130	3		30
cis-1,2-Dichloroethene	84		81		70-130	4		30
Dibromomethane	88		86		70-130	2		30
Styrene	90		86		70-130	5		30
Dichlorodifluoromethane	71		65		30-146	9		30
Acetone	71		67		54-140	6		30
Carbon disulfide	75		70		59-130	7		30
2-Butanone	77		76		70-130	1		30
Vinyl acetate	82		77		70-130	6		30
4-Methyl-2-pentanone	78		73		70-130	7		30
1,2,3-Trichloropropane	86		83		68-130	4		30
2-Hexanone	77		72		70-130	7		30
Bromochloromethane	90		90		70-130	0		30

Lab Control Sample Analysis **Batch Quality Control**

Project Name: SUN VALLEY SITE

Project Number: 12060 / PHASE 8

Lab Number: L2354250

Report Date: 09/22/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 High - Westborough Lab Associated sample(s): 02 Batch: WG1830338-3 WG1830338-4								
2,2-Dichloropropane	82		77		70-130	6		30
1,2-Dibromoethane	95		93		70-130	2		30
1,3-Dichloropropane	92		89		69-130	3		30
1,1,1,2-Tetrachloroethane	94		90		70-130	4		30
Bromobenzene	93		89		70-130	4		30
n-Butylbenzene	90		85		70-130	6		30
sec-Butylbenzene	89		84		70-130	6		30
tert-Butylbenzene	89		85		70-130	5		30
o-Chlorotoluene	88		84		70-130	5		30
p-Chlorotoluene	88		84		70-130	5		30
1,2-Dibromo-3-chloropropane	78		79		68-130	1		30
Hexachlorobutadiene	85		82		67-130	4		30
Isopropylbenzene	88		83		70-130	6		30
p-Isopropyltoluene	91		86		70-130	6		30
Naphthalene	94		92		70-130	2		30
Acrylonitrile	82		79		70-130	4		30
n-Propylbenzene	88		83		70-130	6		30
1,2,3-Trichlorobenzene	95		95		70-130	0		30
1,2,4-Trichlorobenzene	97		94		70-130	3		30
1,3,5-Trimethylbenzene	90		85		70-130	6		30
1,2,4-Trimethylbenzene	91		86		70-130	6		30
1,4-Dioxane	87		90		65-136	3		30
p-Diethylbenzene	91		86		70-130	6		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: SUN VALLEY SITE

Project Number: 12060 / PHASE 8

Lab Number: L2354250

Report Date: 09/22/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 High - Westborough Lab Associated sample(s): 02 Batch: WG1830338-3 WG1830338-4								
p-Ethyltoluene	90		85		70-130	6		30
1,2,4,5-Tetramethylbenzene	93		89		70-130	4		30
Ethyl ether	96		88		67-130	9		30
trans-1,4-Dichloro-2-butene	89		89		70-130	0		30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	87		88		70-130
Toluene-d8	98		96		70-130
4-Bromofluorobenzene	96		95		70-130
Dibromofluoromethane	93		95		70-130

SEMIVOLATILES

Project Name: SUN VALLEY SITE
Project Number: 12060 / PHASE 8

Lab Number: L2354250
Report Date: 09/22/23

SAMPLE RESULTS

Lab ID: L2354250-01
Client ID: COMP_A1(0-7)
Sample Location: OSSINING, NY

Date Collected: 09/15/23 09:40
Date Received: 09/15/23
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 09/19/23 05:28
Analyst: ALS
Percent Solids: 95%

Extraction Method: EPA 3546
Extraction Date: 09/17/23 00:10

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	140	18.	1
1,2,4-Trichlorobenzene	ND		ug/kg	170	20.	1
Hexachlorobenzene	ND		ug/kg	100	20.	1
Bis(2-chloroethyl)ether	ND		ug/kg	160	24.	1
2-Chloronaphthalene	ND		ug/kg	170	17.	1
1,2-Dichlorobenzene	ND		ug/kg	170	31.	1
1,3-Dichlorobenzene	ND		ug/kg	170	30.	1
1,4-Dichlorobenzene	ND		ug/kg	170	30.	1
3,3'-Dichlorobenzidine	ND		ug/kg	170	46.	1
2,4-Dinitrotoluene	ND		ug/kg	170	35.	1
2,6-Dinitrotoluene	ND		ug/kg	170	30.	1
Fluoranthene	ND		ug/kg	100	20.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	170	19.	1
4-Bromophenyl phenyl ether	ND		ug/kg	170	26.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	210	30.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	190	17.	1
Hexachlorobutadiene	ND		ug/kg	170	26.	1
Hexachlorocyclopentadiene	ND		ug/kg	500	160	1
Hexachloroethane	ND		ug/kg	140	28.	1
Isophorone	ND		ug/kg	160	23.	1
Naphthalene	47	J	ug/kg	170	21.	1
Nitrobenzene	ND		ug/kg	160	26.	1
NDPA/DPA	ND		ug/kg	140	20.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	170	27.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	170	60.	1
Butyl benzyl phthalate	ND		ug/kg	170	44.	1
Di-n-butylphthalate	ND		ug/kg	170	33.	1
Di-n-octylphthalate	ND		ug/kg	170	59.	1

Project Name: SUN VALLEY SITE

Lab Number: L2354250

Project Number: 12060 / PHASE 8

Report Date: 09/22/23

SAMPLE RESULTS

Lab ID: L2354250-01
 Client ID: COMP_A1(0-7)
 Sample Location: OSSINING, NY

Date Collected: 09/15/23 09:40
 Date Received: 09/15/23
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Diethyl phthalate	ND		ug/kg	170	16.	1
Dimethyl phthalate	ND		ug/kg	170	36.	1
Benzo(a)anthracene	ND		ug/kg	100	20.	1
Benzo(a)pyrene	ND		ug/kg	140	42.	1
Benzo(b)fluoranthene	ND		ug/kg	100	29.	1
Benzo(k)fluoranthene	ND		ug/kg	100	28.	1
Chrysene	ND		ug/kg	100	18.	1
Acenaphthylene	ND		ug/kg	140	27.	1
Anthracene	ND		ug/kg	100	34.	1
Benzo(ghi)perylene	ND		ug/kg	140	20.	1
Fluorene	ND		ug/kg	170	17.	1
Phenanthrene	ND		ug/kg	100	21.	1
Dibenzo(a,h)anthracene	ND		ug/kg	100	20.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	140	24.	1
Pyrene	ND		ug/kg	100	17.	1
Biphenyl	ND		ug/kg	400	23.	1
4-Chloroaniline	ND		ug/kg	170	32.	1
2-Nitroaniline	ND		ug/kg	170	34.	1
3-Nitroaniline	ND		ug/kg	170	33.	1
4-Nitroaniline	ND		ug/kg	170	72.	1
Dibenzofuran	ND		ug/kg	170	16.	1
2-Methylnaphthalene	34	J	ug/kg	210	21.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	170	18.	1
Acetophenone	ND		ug/kg	170	22.	1
2,4,6-Trichlorophenol	ND		ug/kg	100	33.	1
p-Chloro-m-cresol	ND		ug/kg	170	26.	1
2-Chlorophenol	ND		ug/kg	170	20.	1
2,4-Dichlorophenol	ND		ug/kg	160	28.	1
2,4-Dimethylphenol	ND		ug/kg	170	58.	1
2-Nitrophenol	ND		ug/kg	380	66.	1
4-Nitrophenol	ND		ug/kg	240	71.	1
2,4-Dinitrophenol	ND		ug/kg	840	81.	1
4,6-Dinitro-o-cresol	ND		ug/kg	450	84.	1
Pentachlorophenol	ND		ug/kg	140	38.	1
Phenol	ND		ug/kg	170	26.	1
2-Methylphenol	ND		ug/kg	170	27.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	250	27.	1

Project Name: SUN VALLEY SITE
Project Number: 12060 / PHASE 8

Lab Number: L2354250
Report Date: 09/22/23

SAMPLE RESULTS

Lab ID: L2354250-01
Client ID: COMP_A1(0-7)
Sample Location: OSSINING, NY

Date Collected: 09/15/23 09:40
Date Received: 09/15/23
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	170	33.	1
Benzoic Acid	ND		ug/kg	560	180	1
Benzyl Alcohol	ND		ug/kg	170	53.	1
Carbazole	ND		ug/kg	170	17.	1
1,4-Dioxane	ND		ug/kg	26	8.0	1

Tentatively Identified Compounds

No Tentatively Identified Compounds	ND	ug/kg	1
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Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	88		25-120
Phenol-d6	97		10-120
Nitrobenzene-d5	96		23-120
2-Fluorobiphenyl	98		30-120
2,4,6-Tribromophenol	99		10-136
4-Terphenyl-d14	88		18-120

Project Name: SUN VALLEY SITE
Project Number: 12060 / PHASE 8

Lab Number: L2354250
Report Date: 09/22/23

SAMPLE RESULTS

Lab ID: L2354250-03
Client ID: COMP_A1(7-14)
Sample Location: OSSINING, NY

Date Collected: 09/15/23 10:40
Date Received: 09/15/23
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 09/19/23 05:52
Analyst: ALS
Percent Solids: 94%

Extraction Method: EPA 3546
Extraction Date: 09/17/23 00:10

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	140	18.	1
1,2,4-Trichlorobenzene	ND		ug/kg	180	20.	1
Hexachlorobenzene	ND		ug/kg	100	20.	1
Bis(2-chloroethyl)ether	ND		ug/kg	160	24.	1
2-Chloronaphthalene	ND		ug/kg	180	17.	1
1,2-Dichlorobenzene	ND		ug/kg	180	32.	1
1,3-Dichlorobenzene	ND		ug/kg	180	30.	1
1,4-Dichlorobenzene	ND		ug/kg	180	31.	1
3,3'-Dichlorobenzidine	ND		ug/kg	180	47.	1
2,4-Dinitrotoluene	ND		ug/kg	180	35.	1
2,6-Dinitrotoluene	ND		ug/kg	180	30.	1
Fluoranthene	ND		ug/kg	100	20.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	180	19.	1
4-Bromophenyl phenyl ether	ND		ug/kg	180	27.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	210	30.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	190	18.	1
Hexachlorobutadiene	ND		ug/kg	180	26.	1
Hexachlorocyclopentadiene	ND		ug/kg	500	160	1
Hexachloroethane	ND		ug/kg	140	28.	1
Isophorone	ND		ug/kg	160	23.	1
Naphthalene	24	J	ug/kg	180	21.	1
Nitrobenzene	ND		ug/kg	160	26.	1
NDPA/DPA	ND		ug/kg	140	20.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	180	27.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	180	61.	1
Butyl benzyl phthalate	ND		ug/kg	180	44.	1
Di-n-butylphthalate	ND		ug/kg	180	33.	1
Di-n-octylphthalate	ND		ug/kg	180	60.	1

Project Name: SUN VALLEY SITE**Lab Number:** L2354250**Project Number:** 12060 / PHASE 8**Report Date:** 09/22/23**SAMPLE RESULTS**

Lab ID: L2354250-03
 Client ID: COMP_A1(7-14)
 Sample Location: OSSINING, NY

Date Collected: 09/15/23 10:40
 Date Received: 09/15/23
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Diethyl phthalate	ND		ug/kg	180	16.	1
Dimethyl phthalate	ND		ug/kg	180	37.	1
Benzo(a)anthracene	ND		ug/kg	100	20.	1
Benzo(a)pyrene	ND		ug/kg	140	43.	1
Benzo(b)fluoranthene	ND		ug/kg	100	30.	1
Benzo(k)fluoranthene	ND		ug/kg	100	28.	1
Chrysene	ND		ug/kg	100	18.	1
Acenaphthylene	ND		ug/kg	140	27.	1
Anthracene	ND		ug/kg	100	34.	1
Benzo(ghi)perylene	ND		ug/kg	140	21.	1
Fluorene	ND		ug/kg	180	17.	1
Phenanthrene	ND		ug/kg	100	21.	1
Dibenzo(a,h)anthracene	ND		ug/kg	100	20.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	140	24.	1
Pyrene	ND		ug/kg	100	17.	1
Biphenyl	ND		ug/kg	400	23.	1
4-Chloroaniline	ND		ug/kg	180	32.	1
2-Nitroaniline	ND		ug/kg	180	34.	1
3-Nitroaniline	ND		ug/kg	180	33.	1
4-Nitroaniline	ND		ug/kg	180	73.	1
Dibenzofuran	ND		ug/kg	180	17.	1
2-Methylnaphthalene	32	J	ug/kg	210	21.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	180	18.	1
Acetophenone	ND		ug/kg	180	22.	1
2,4,6-Trichlorophenol	ND		ug/kg	100	33.	1
p-Chloro-m-cresol	ND		ug/kg	180	26.	1
2-Chlorophenol	ND		ug/kg	180	21.	1
2,4-Dichlorophenol	ND		ug/kg	160	28.	1
2,4-Dimethylphenol	ND		ug/kg	180	58.	1
2-Nitrophenol	ND		ug/kg	380	66.	1
4-Nitrophenol	ND		ug/kg	240	72.	1
2,4-Dinitrophenol	ND		ug/kg	840	82.	1
4,6-Dinitro-o-cresol	ND		ug/kg	460	84.	1
Pentachlorophenol	ND		ug/kg	140	39.	1
Phenol	ND		ug/kg	180	26.	1
2-Methylphenol	ND		ug/kg	180	27.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	250	28.	1

Project Name: SUN VALLEY SITE
Project Number: 12060 / PHASE 8

Lab Number: L2354250
Report Date: 09/22/23

SAMPLE RESULTS

Lab ID: L2354250-03
Client ID: COMP_A1(7-14)
Sample Location: OSSINING, NY

Date Collected: 09/15/23 10:40
Date Received: 09/15/23
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	180	34.	1
Benzoic Acid	ND		ug/kg	570	180	1
Benzyl Alcohol	ND		ug/kg	180	54.	1
Carbazole	ND		ug/kg	180	17.	1
1,4-Dioxane	ND		ug/kg	26	8.1	1

Tentatively Identified Compounds

No Tentatively Identified Compounds	ND	ug/kg	1
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Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	84		25-120
Phenol-d6	94		10-120
Nitrobenzene-d5	98		23-120
2-Fluorobiphenyl	99		30-120
2,4,6-Tribromophenol	96		10-136
4-Terphenyl-d14	88		18-120

Project Name: SUN VALLEY SITE
Project Number: 12060 / PHASE 8

Lab Number: L2354250
Report Date: 09/22/23

SAMPLE RESULTS

Lab ID: L2354250-05
Client ID: COMP_A1(14-20)
Sample Location: OSSINING, NY

Date Collected: 09/15/23 10:45
Date Received: 09/15/23
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 09/19/23 04:16
Analyst: ALS
Percent Solids: 93%

Extraction Method: EPA 3546
Extraction Date: 09/17/23 00:10

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	140	18.	1
1,2,4-Trichlorobenzene	ND		ug/kg	180	20.	1
Hexachlorobenzene	ND		ug/kg	100	20.	1
Bis(2-chloroethyl)ether	ND		ug/kg	160	24.	1
2-Chloronaphthalene	ND		ug/kg	180	17.	1
1,2-Dichlorobenzene	ND		ug/kg	180	32.	1
1,3-Dichlorobenzene	ND		ug/kg	180	30.	1
1,4-Dichlorobenzene	ND		ug/kg	180	31.	1
3,3'-Dichlorobenzidine	ND		ug/kg	180	47.	1
2,4-Dinitrotoluene	ND		ug/kg	180	35.	1
2,6-Dinitrotoluene	ND		ug/kg	180	30.	1
Fluoranthene	ND		ug/kg	100	20.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	180	19.	1
4-Bromophenyl phenyl ether	ND		ug/kg	180	27.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	210	30.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	190	18.	1
Hexachlorobutadiene	ND		ug/kg	180	26.	1
Hexachlorocyclopentadiene	ND		ug/kg	500	160	1
Hexachloroethane	ND		ug/kg	140	28.	1
Isophorone	ND		ug/kg	160	23.	1
Naphthalene	ND		ug/kg	180	21.	1
Nitrobenzene	ND		ug/kg	160	26.	1
NDPA/DPA	ND		ug/kg	140	20.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	180	27.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	180	61.	1
Butyl benzyl phthalate	ND		ug/kg	180	44.	1
Di-n-butylphthalate	ND		ug/kg	180	33.	1
Di-n-octylphthalate	ND		ug/kg	180	60.	1

Project Name: SUN VALLEY SITE

Lab Number: L2354250

Project Number: 12060 / PHASE 8

Report Date: 09/22/23

SAMPLE RESULTS

Lab ID: L2354250-05
 Client ID: COMP_A1(14-20)
 Sample Location: OSSINING, NY

Date Collected: 09/15/23 10:45
 Date Received: 09/15/23
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Diethyl phthalate	ND		ug/kg	180	16.	1
Dimethyl phthalate	ND		ug/kg	180	37.	1
Benzo(a)anthracene	ND		ug/kg	100	20.	1
Benzo(a)pyrene	ND		ug/kg	140	43.	1
Benzo(b)fluoranthene	ND		ug/kg	100	30.	1
Benzo(k)fluoranthene	ND		ug/kg	100	28.	1
Chrysene	ND		ug/kg	100	18.	1
Acenaphthylene	ND		ug/kg	140	27.	1
Anthracene	ND		ug/kg	100	34.	1
Benzo(ghi)perylene	ND		ug/kg	140	21.	1
Fluorene	ND		ug/kg	180	17.	1
Phenanthrene	ND		ug/kg	100	21.	1
Dibenzo(a,h)anthracene	ND		ug/kg	100	20.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	140	24.	1
Pyrene	ND		ug/kg	100	17.	1
Biphenyl	ND		ug/kg	400	23.	1
4-Chloroaniline	ND		ug/kg	180	32.	1
2-Nitroaniline	ND		ug/kg	180	34.	1
3-Nitroaniline	ND		ug/kg	180	33.	1
4-Nitroaniline	ND		ug/kg	180	73.	1
Dibenzofuran	ND		ug/kg	180	17.	1
2-Methylnaphthalene	ND		ug/kg	210	21.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	180	18.	1
Acetophenone	ND		ug/kg	180	22.	1
2,4,6-Trichlorophenol	ND		ug/kg	100	33.	1
p-Chloro-m-cresol	ND		ug/kg	180	26.	1
2-Chlorophenol	ND		ug/kg	180	21.	1
2,4-Dichlorophenol	ND		ug/kg	160	28.	1
2,4-Dimethylphenol	ND		ug/kg	180	58.	1
2-Nitrophenol	ND		ug/kg	380	66.	1
4-Nitrophenol	ND		ug/kg	240	72.	1
2,4-Dinitrophenol	ND		ug/kg	840	82.	1
4,6-Dinitro-o-cresol	ND		ug/kg	460	84.	1
Pentachlorophenol	ND		ug/kg	140	39.	1
Phenol	ND		ug/kg	180	26.	1
2-Methylphenol	ND		ug/kg	180	27.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	250	27.	1

Project Name: SUN VALLEY SITE
Project Number: 12060 / PHASE 8

Lab Number: L2354250
Report Date: 09/22/23

SAMPLE RESULTS

Lab ID: L2354250-05
Client ID: COMP_A1(14-20)
Sample Location: OSSINING, NY

Date Collected: 09/15/23 10:45
Date Received: 09/15/23
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	180	34.	1
Benzoic Acid	ND		ug/kg	570	180	1
Benzyl Alcohol	ND		ug/kg	180	54.	1
Carbazole	ND		ug/kg	180	17.	1
1,4-Dioxane	ND		ug/kg	26	8.1	1

Tentatively Identified Compounds

No Tentatively Identified Compounds	ND	ug/kg	1
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Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	73		25-120
Phenol-d6	78		10-120
Nitrobenzene-d5	80		23-120
2-Fluorobiphenyl	78		30-120
2,4,6-Tribromophenol	80		10-136
4-Terphenyl-d14	71		18-120

Project Name: SUN VALLEY SITE
Project Number: 12060 / PHASE 8

Lab Number: L2354250
Report Date: 09/22/23

SAMPLE RESULTS

Lab ID: L2354250-07
Client ID: COMP_A2(0-7)
Sample Location: OSSINING, NY

Date Collected: 09/15/23 15:00
Date Received: 09/15/23
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 09/19/23 06:16
Analyst: ALS
Percent Solids: 92%

Extraction Method: EPA 3546
Extraction Date: 09/17/23 00:10

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	140	18.	1
1,2,4-Trichlorobenzene	ND		ug/kg	180	20.	1
Hexachlorobenzene	ND		ug/kg	110	20.	1
Bis(2-chloroethyl)ether	ND		ug/kg	160	24.	1
2-Chloronaphthalene	ND		ug/kg	180	18.	1
1,2-Dichlorobenzene	ND		ug/kg	180	32.	1
1,3-Dichlorobenzene	ND		ug/kg	180	31.	1
1,4-Dichlorobenzene	ND		ug/kg	180	31.	1
3,3'-Dichlorobenzidine	ND		ug/kg	180	48.	1
2,4-Dinitrotoluene	ND		ug/kg	180	36.	1
2,6-Dinitrotoluene	ND		ug/kg	180	31.	1
Fluoranthene	ND		ug/kg	110	20.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	180	19.	1
4-Bromophenyl phenyl ether	ND		ug/kg	180	27.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	210	30.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	190	18.	1
Hexachlorobutadiene	ND		ug/kg	180	26.	1
Hexachlorocyclopentadiene	ND		ug/kg	510	160	1
Hexachloroethane	ND		ug/kg	140	29.	1
Isophorone	ND		ug/kg	160	23.	1
Naphthalene	ND		ug/kg	180	22.	1
Nitrobenzene	ND		ug/kg	160	26.	1
NDPA/DPA	ND		ug/kg	140	20.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	180	28.	1
Bis(2-ethylhexyl)phthalate	81	J	ug/kg	180	62.	1
Butyl benzyl phthalate	ND		ug/kg	180	45.	1
Di-n-butylphthalate	ND		ug/kg	180	34.	1
Di-n-octylphthalate	ND		ug/kg	180	61.	1

Project Name: SUN VALLEY SITE

Lab Number: L2354250

Project Number: 12060 / PHASE 8

Report Date: 09/22/23

SAMPLE RESULTS

Lab ID: L2354250-07
 Client ID: COMP_A2(0-7)
 Sample Location: OSSINING, NY

Date Collected: 09/15/23 15:00
 Date Received: 09/15/23
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Diethyl phthalate	ND		ug/kg	180	16.	1
Dimethyl phthalate	ND		ug/kg	180	38.	1
Benzo(a)anthracene	ND		ug/kg	110	20.	1
Benzo(a)pyrene	ND		ug/kg	140	44.	1
Benzo(b)fluoranthene	ND		ug/kg	110	30.	1
Benzo(k)fluoranthene	ND		ug/kg	110	29.	1
Chrysene	ND		ug/kg	110	19.	1
Acenaphthylene	ND		ug/kg	140	28.	1
Anthracene	ND		ug/kg	110	35.	1
Benzo(ghi)perylene	ND		ug/kg	140	21.	1
Fluorene	ND		ug/kg	180	17.	1
Phenanthrene	ND		ug/kg	110	22.	1
Dibenzo(a,h)anthracene	ND		ug/kg	110	21.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	140	25.	1
Pyrene	ND		ug/kg	110	18.	1
Biphenyl	ND		ug/kg	410	23.	1
4-Chloroaniline	ND		ug/kg	180	32.	1
2-Nitroaniline	ND		ug/kg	180	34.	1
3-Nitroaniline	ND		ug/kg	180	34.	1
4-Nitroaniline	ND		ug/kg	180	74.	1
Dibenzofuran	ND		ug/kg	180	17.	1
2-Methylnaphthalene	ND		ug/kg	210	22.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	180	19.	1
Acetophenone	ND		ug/kg	180	22.	1
2,4,6-Trichlorophenol	ND		ug/kg	110	34.	1
p-Chloro-m-cresol	ND		ug/kg	180	27.	1
2-Chlorophenol	ND		ug/kg	180	21.	1
2,4-Dichlorophenol	ND		ug/kg	160	29.	1
2,4-Dimethylphenol	ND		ug/kg	180	59.	1
2-Nitrophenol	ND		ug/kg	390	67.	1
4-Nitrophenol	ND		ug/kg	250	73.	1
2,4-Dinitrophenol	ND		ug/kg	860	83.	1
4,6-Dinitro-o-cresol	ND		ug/kg	460	86.	1
Pentachlorophenol	ND		ug/kg	140	39.	1
Phenol	ND		ug/kg	180	27.	1
2-Methylphenol	ND		ug/kg	180	28.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	260	28.	1

Project Name: SUN VALLEY SITE
Project Number: 12060 / PHASE 8

Lab Number: L2354250
Report Date: 09/22/23

SAMPLE RESULTS

Lab ID: L2354250-07
Client ID: COMP_A2(0-7)
Sample Location: OSSINING, NY

Date Collected: 09/15/23 15:00
Date Received: 09/15/23
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	180	34.	1
Benzoic Acid	ND		ug/kg	580	180	1
Benzyl Alcohol	ND		ug/kg	180	55.	1
Carbazole	ND		ug/kg	180	17.	1
1,4-Dioxane	ND		ug/kg	27	8.2	1

Tentatively Identified Compounds

No Tentatively Identified Compounds	ND	ug/kg	1
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Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	79		25-120
Phenol-d6	86		10-120
Nitrobenzene-d5	87		23-120
2-Fluorobiphenyl	89		30-120
2,4,6-Tribromophenol	97		10-136
4-Terphenyl-d14	77		18-120

Project Name: SUN VALLEY SITE
Project Number: 12060 / PHASE 8

Lab Number: L2354250
Report Date: 09/22/23

SAMPLE RESULTS

Lab ID: L2354250-09
Client ID: COMP_A2(7-19)
Sample Location: OSSINING, NY

Date Collected: 09/15/23 15:00
Date Received: 09/15/23
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 09/19/23 02:41
Analyst: ALS
Percent Solids: 91%

Extraction Method: EPA 3546
Extraction Date: 09/17/23 00:10

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	140	18.	1
1,2,4-Trichlorobenzene	ND		ug/kg	180	20.	1
Hexachlorobenzene	ND		ug/kg	110	20.	1
Bis(2-chloroethyl)ether	ND		ug/kg	160	24.	1
2-Chloronaphthalene	ND		ug/kg	180	18.	1
1,2-Dichlorobenzene	ND		ug/kg	180	32.	1
1,3-Dichlorobenzene	ND		ug/kg	180	31.	1
1,4-Dichlorobenzene	ND		ug/kg	180	31.	1
3,3'-Dichlorobenzidine	ND		ug/kg	180	48.	1
2,4-Dinitrotoluene	ND		ug/kg	180	36.	1
2,6-Dinitrotoluene	ND		ug/kg	180	31.	1
Fluoranthene	ND		ug/kg	110	20.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	180	19.	1
4-Bromophenyl phenyl ether	ND		ug/kg	180	27.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	210	30.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	190	18.	1
Hexachlorobutadiene	ND		ug/kg	180	26.	1
Hexachlorocyclopentadiene	ND		ug/kg	510	160	1
Hexachloroethane	ND		ug/kg	140	29.	1
Isophorone	ND		ug/kg	160	23.	1
Naphthalene	ND		ug/kg	180	22.	1
Nitrobenzene	ND		ug/kg	160	26.	1
NDPA/DPA	ND		ug/kg	140	20.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	180	28.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	180	62.	1
Butyl benzyl phthalate	ND		ug/kg	180	45.	1
Di-n-butylphthalate	ND		ug/kg	180	34.	1
Di-n-octylphthalate	ND		ug/kg	180	61.	1

Project Name: SUN VALLEY SITE

Lab Number: L2354250

Project Number: 12060 / PHASE 8

Report Date: 09/22/23

SAMPLE RESULTS

Lab ID: L2354250-09
 Client ID: COMP_A2(7-19)
 Sample Location: OSSINING, NY

Date Collected: 09/15/23 15:00
 Date Received: 09/15/23
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Diethyl phthalate	ND		ug/kg	180	16.	1
Dimethyl phthalate	ND		ug/kg	180	38.	1
Benzo(a)anthracene	ND		ug/kg	110	20.	1
Benzo(a)pyrene	ND		ug/kg	140	44.	1
Benzo(b)fluoranthene	ND		ug/kg	110	30.	1
Benzo(k)fluoranthene	ND		ug/kg	110	28.	1
Chrysene	ND		ug/kg	110	18.	1
Acenaphthylene	ND		ug/kg	140	28.	1
Anthracene	ND		ug/kg	110	35.	1
Benzo(ghi)perylene	ND		ug/kg	140	21.	1
Fluorene	ND		ug/kg	180	17.	1
Phenanthrene	ND		ug/kg	110	22.	1
Dibenzo(a,h)anthracene	ND		ug/kg	110	21.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	140	25.	1
Pyrene	ND		ug/kg	110	18.	1
Biphenyl	ND		ug/kg	410	23.	1
4-Chloroaniline	ND		ug/kg	180	32.	1
2-Nitroaniline	ND		ug/kg	180	34.	1
3-Nitroaniline	ND		ug/kg	180	34.	1
4-Nitroaniline	ND		ug/kg	180	74.	1
Dibenzofuran	ND		ug/kg	180	17.	1
2-Methylnaphthalene	ND		ug/kg	210	22.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	180	19.	1
Acetophenone	ND		ug/kg	180	22.	1
2,4,6-Trichlorophenol	ND		ug/kg	110	34.	1
p-Chloro-m-cresol	ND		ug/kg	180	27.	1
2-Chlorophenol	ND		ug/kg	180	21.	1
2,4-Dichlorophenol	ND		ug/kg	160	29.	1
2,4-Dimethylphenol	ND		ug/kg	180	59.	1
2-Nitrophenol	ND		ug/kg	380	67.	1
4-Nitrophenol	ND		ug/kg	250	73.	1
2,4-Dinitrophenol	ND		ug/kg	860	83.	1
4,6-Dinitro-o-cresol	ND		ug/kg	460	86.	1
Pentachlorophenol	ND		ug/kg	140	39.	1
Phenol	ND		ug/kg	180	27.	1
2-Methylphenol	ND		ug/kg	180	28.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	260	28.	1

Project Name: SUN VALLEY SITE
Project Number: 12060 / PHASE 8

Lab Number: L2354250
Report Date: 09/22/23

SAMPLE RESULTS

Lab ID: L2354250-09
Client ID: COMP_A2(7-19)
Sample Location: OSSINING, NY

Date Collected: 09/15/23 15:00
Date Received: 09/15/23
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	180	34.	1
Benzoic Acid	ND		ug/kg	580	180	1
Benzyl Alcohol	ND		ug/kg	180	55.	1
Carbazole	ND		ug/kg	180	17.	1
1,4-Dioxane	ND		ug/kg	27	8.2	1

Tentatively Identified Compounds

No Tentatively Identified Compounds	ND	ug/kg	1
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Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	80		25-120
Phenol-d6	86		10-120
Nitrobenzene-d5	90		23-120
2-Fluorobiphenyl	89		30-120
2,4,6-Tribromophenol	92		10-136
4-Terphenyl-d14	78		18-120

Project Name: SUN VALLEY SITE
Project Number: 12060 / PHASE 8

Lab Number: L2354250
Report Date: 09/22/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 09/19/23 01:08
Analyst: IM

Extraction Method: EPA 3546
Extraction Date: 09/17/23 00:10

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01,03,05,07,09 Batch: WG1828373-1					
Acenaphthene	ND		ug/kg	130	17.
1,2,4-Trichlorobenzene	ND		ug/kg	160	19.
Hexachlorobenzene	ND		ug/kg	99	18.
Bis(2-chloroethyl)ether	ND		ug/kg	150	22.
2-Chloronaphthalene	ND		ug/kg	160	16.
1,2-Dichlorobenzene	ND		ug/kg	160	30.
1,3-Dichlorobenzene	ND		ug/kg	160	28.
1,4-Dichlorobenzene	ND		ug/kg	160	29.
3,3'-Dichlorobenzidine	ND		ug/kg	160	44.
2,4-Dinitrotoluene	ND		ug/kg	160	33.
2,6-Dinitrotoluene	ND		ug/kg	160	28.
Fluoranthene	ND		ug/kg	99	19.
4-Chlorophenyl phenyl ether	ND		ug/kg	160	18.
4-Bromophenyl phenyl ether	ND		ug/kg	160	25.
Bis(2-chloroisopropyl)ether	ND		ug/kg	200	28.
Bis(2-chloroethoxy)methane	ND		ug/kg	180	17.
Hexachlorobutadiene	ND		ug/kg	160	24.
Hexachlorocyclopentadiene	ND		ug/kg	470	150
Hexachloroethane	ND		ug/kg	130	27.
Isophorone	ND		ug/kg	150	22.
Naphthalene	ND		ug/kg	160	20.
Nitrobenzene	ND		ug/kg	150	24.
NDPA/DPA	ND		ug/kg	130	19.
n-Nitrosodi-n-propylamine	ND		ug/kg	160	26.
Bis(2-ethylhexyl)phthalate	ND		ug/kg	160	57.
Butyl benzyl phthalate	ND		ug/kg	160	42.
Di-n-butylphthalate	ND		ug/kg	160	31.
Di-n-octylphthalate	ND		ug/kg	160	56.
Diethyl phthalate	ND		ug/kg	160	15.

Project Name: SUN VALLEY SITE
Project Number: 12060 / PHASE 8

Lab Number: L2354250
Report Date: 09/22/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 09/19/23 01:08
Analyst: IM

Extraction Method: EPA 3546
Extraction Date: 09/17/23 00:10

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01,03,05,07,09 Batch: WG1828373-1					
Dimethyl phthalate	ND		ug/kg	160	35.
Benzo(a)anthracene	ND		ug/kg	99	19.
Benzo(a)pyrene	ND		ug/kg	130	40.
Benzo(b)fluoranthene	ND		ug/kg	99	28.
Benzo(k)fluoranthene	ND		ug/kg	99	26.
Chrysene	ND		ug/kg	99	17.
Acenaphthylene	ND		ug/kg	130	26.
Anthracene	ND		ug/kg	99	32.
Benzo(ghi)perylene	ND		ug/kg	130	19.
Fluorene	ND		ug/kg	160	16.
Phenanthrene	ND		ug/kg	99	20.
Dibenzo(a,h)anthracene	ND		ug/kg	99	19.
Indeno(1,2,3-cd)pyrene	ND		ug/kg	130	23.
Pyrene	ND		ug/kg	99	16.
Biphenyl	ND		ug/kg	380	22.
4-Chloroaniline	ND		ug/kg	160	30.
2-Nitroaniline	ND		ug/kg	160	32.
3-Nitroaniline	ND		ug/kg	160	31.
4-Nitroaniline	ND		ug/kg	160	68.
Dibenzofuran	ND		ug/kg	160	16.
2-Methylnaphthalene	ND		ug/kg	200	20.
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	160	17.
Acetophenone	ND		ug/kg	160	20.
2,4,6-Trichlorophenol	ND		ug/kg	99	31.
p-Chloro-m-cresol	ND		ug/kg	160	25.
2-Chlorophenol	ND		ug/kg	160	20.
2,4-Dichlorophenol	ND		ug/kg	150	27.
2,4-Dimethylphenol	ND		ug/kg	160	55.
2-Nitrophenol	ND		ug/kg	360	62.

Project Name: SUN VALLEY SITE
Project Number: 12060 / PHASE 8

Lab Number: L2354250
Report Date: 09/22/23

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 09/19/23 01:08
Analyst: IM

Extraction Method: EPA 3546
Extraction Date: 09/17/23 00:10

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01,03,05,07,09 Batch: WG1828373-1					
4-Nitrophenol	ND		ug/kg	230	68.
2,4-Dinitrophenol	ND		ug/kg	800	77.
4,6-Dinitro-o-cresol	ND		ug/kg	430	80.
Pentachlorophenol	ND		ug/kg	130	36.
Phenol	ND		ug/kg	160	25.
2-Methylphenol	ND		ug/kg	160	26.
3-Methylphenol/4-Methylphenol	ND		ug/kg	240	26.
2,4,5-Trichlorophenol	ND		ug/kg	160	32.
Benzoic Acid	ND		ug/kg	540	170
Benzyl Alcohol	ND		ug/kg	160	51.
Carbazole	ND		ug/kg	160	16.
1,4-Dioxane	ND		ug/kg	25	7.6

Tentatively Identified Compounds

No Tentatively Identified Compounds ND ug/kg

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	85		25-120
Phenol-d6	84		10-120
Nitrobenzene-d5	76		23-120
2-Fluorobiphenyl	75		30-120
2,4,6-Tribromophenol	90		10-136
4-Terphenyl-d14	81		18-120

Lab Control Sample Analysis

Batch Quality Control

Project Name: SUN VALLEY SITE

Project Number: 12060 / PHASE 8

Lab Number: L2354250

Report Date: 09/22/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01,03,05,07,09 Batch: WG1828373-2 WG1828373-3								
Acenaphthene	85		85		31-137	0		50
1,2,4-Trichlorobenzene	83		84		38-107	1		50
Hexachlorobenzene	91		92		40-140	1		50
Bis(2-chloroethyl)ether	86		82		40-140	5		50
2-Chloronaphthalene	82		83		40-140	1		50
1,2-Dichlorobenzene	84		83		40-140	1		50
1,3-Dichlorobenzene	85		83		40-140	2		50
1,4-Dichlorobenzene	85		84		28-104	1		50
3,3'-Dichlorobenzidine	75		77		40-140	3		50
2,4-Dinitrotoluene	91		92		40-132	1		50
2,6-Dinitrotoluene	85		87		40-140	2		50
Fluoranthene	86		86		40-140	0		50
4-Chlorophenyl phenyl ether	84		85		40-140	1		50
4-Bromophenyl phenyl ether	86		87		40-140	1		50
Bis(2-chloroisopropyl)ether	91		88		40-140	3		50
Bis(2-chloroethoxy)methane	85		83		40-117	2		50
Hexachlorobutadiene	75		74		40-140	1		50
Hexachlorocyclopentadiene	67		66		40-140	2		50
Hexachloroethane	82		80		40-140	2		50
Isophorone	78		79		40-140	1		50
Naphthalene	86		86		40-140	0		50
Nitrobenzene	81		80		40-140	1		50
NDPA/DPA	89		89		36-157	0		50

Lab Control Sample Analysis **Batch Quality Control**

Project Name: SUN VALLEY SITE

Project Number: 12060 / PHASE 8

Lab Number: L2354250

Report Date: 09/22/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01,03,05,07,09 Batch: WG1828373-2 WG1828373-3								
n-Nitrosodi-n-propylamine	79		79		32-121	0		50
Bis(2-ethylhexyl)phthalate	106		103		40-140	3		50
Butyl benzyl phthalate	96		94		40-140	2		50
Di-n-butylphthalate	97		96		40-140	1		50
Di-n-octylphthalate	107		104		40-140	3		50
Diethyl phthalate	89		91		40-140	2		50
Dimethyl phthalate	81		83		40-140	2		50
Benzo(a)anthracene	88		88		40-140	0		50
Benzo(a)pyrene	94		93		40-140	1		50
Benzo(b)fluoranthene	92		87		40-140	6		50
Benzo(k)fluoranthene	91		95		40-140	4		50
Chrysene	91		91		40-140	0		50
Acenaphthylene	84		85		40-140	1		50
Anthracene	90		91		40-140	1		50
Benzo(ghi)perylene	90		89		40-140	1		50
Fluorene	90		90		40-140	0		50
Phenanthrene	88		88		40-140	0		50
Dibenzo(a,h)anthracene	93		92		40-140	1		50
Indeno(1,2,3-cd)pyrene	100		99		40-140	1		50
Pyrene	86		86		35-142	0		50
Biphenyl	93		93		37-127	0		50
4-Chloroaniline	58		57		40-140	2		50
2-Nitroaniline	88		89		47-134	1		50

Lab Control Sample Analysis

Batch Quality Control

Project Name: SUN VALLEY SITE

Project Number: 12060 / PHASE 8

Lab Number: L2354250

Report Date: 09/22/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01,03,05,07,09 Batch: WG1828373-2 WG1828373-3								
3-Nitroaniline	80		81		26-129	1		50
4-Nitroaniline	94		97		41-125	3		50
Dibenzofuran	89		90		40-140	1		50
2-Methylnaphthalene	89		89		40-140	0		50
1,2,4,5-Tetrachlorobenzene	82		82		40-117	0		50
Acetophenone	96		97		14-144	1		50
2,4,6-Trichlorophenol	84		85		30-130	1		50
p-Chloro-m-cresol	88		88		26-103	0		50
2-Chlorophenol	95		95		25-102	0		50
2,4-Dichlorophenol	90		92		30-130	2		50
2,4-Dimethylphenol	74		76		30-130	3		50
2-Nitrophenol	88		90		30-130	2		50
4-Nitrophenol	94		92		11-114	2		50
2,4-Dinitrophenol	54		65		4-130	18		50
4,6-Dinitro-o-cresol	86		90		10-130	5		50
Pentachlorophenol	82		86		17-109	5		50
Phenol	92	Q	91	Q	26-90	1		50
2-Methylphenol	92		92		30-130	0		50
3-Methylphenol/4-Methylphenol	93		93		30-130	0		50
2,4,5-Trichlorophenol	84		87		30-130	4		50
Benzoic Acid	11		11		10-110	0		50
Benzyl Alcohol	88		89		40-140	1		50
Carbazole	93		93		54-128	0		50

Lab Control Sample Analysis

Batch Quality Control

Project Name: SUN VALLEY SITE

Project Number: 12060 / PHASE 8

Lab Number: L2354250

Report Date: 09/22/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01,03,05,07,09 Batch: WG1828373-2 WG1828373-3								
1,4-Dioxane	71		65		40-140	9		50

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	102		103		25-120
Phenol-d6	96		97		10-120
Nitrobenzene-d5	81		81		23-120
2-Fluorobiphenyl	81		83		30-120
2,4,6-Tribromophenol	96		96		10-136
4-Terphenyl-d14	87		86		18-120

PETROLEUM HYDROCARBONS

Project Name: SUN VALLEY SITE
Project Number: 12060 / PHASE 8

Lab Number: L2354250
Report Date: 09/22/23

SAMPLE RESULTS

Lab ID: L2354250-01
 Client ID: COMP_A1(0-7)
 Sample Location: OSSINING, NY

Date Collected: 09/15/23 09:40
 Date Received: 09/15/23
 Field Prep: Not Specified

Sample Depth:
 Matrix: Soil
 Analytical Method: 103,NJDEP EPH
 Analytical Date: 09/18/23 15:50
 Analyst: CRE
 Percent Solids: 95%

Extraction Method: EPA 3546
 Extraction Date: 09/17/23 05:00

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
NJ Extractable Petroleum Hydrocarbons (Total) - Westborough Lab						
Total EPH	ND		mg/kg	25.0	25.0	1
Surrogate	% Recovery		Qualifier	Acceptance Criteria		
Chloro-Octadecane	86			40-140		
o-Terphenyl	86			40-140		

Project Name: SUN VALLEY SITE
Project Number: 12060 / PHASE 8

Lab Number: L2354250
Report Date: 09/22/23

SAMPLE RESULTS

Lab ID: L2354250-03
Client ID: COMP_A1(7-14)
Sample Location: OSSINING, NY

Date Collected: 09/15/23 10:40
Date Received: 09/15/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 103,NJDEP EPH
Analytical Date: 09/18/23 12:10
Analyst: CRE
Percent Solids: 94%

Extraction Method: EPA 3546
Extraction Date: 09/17/23 05:00

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
NJ Extractable Petroleum Hydrocarbons (Total) - Westborough Lab						
Total EPH	ND		mg/kg	24.5	24.5	1
Surrogate	% Recovery		Qualifier	Acceptance Criteria		
Chloro-Octadecane	69			40-140		
o-Terphenyl	69			40-140		

Project Name: SUN VALLEY SITE
Project Number: 12060 / PHASE 8

Lab Number: L2354250
Report Date: 09/22/23

SAMPLE RESULTS

Lab ID: L2354250-05
Client ID: COMP_A1(14-20)
Sample Location: OSSINING, NY

Date Collected: 09/15/23 10:45
Date Received: 09/15/23
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 103,NJDEP EPH
Analytical Date: 09/18/23 12:45
Analyst: CRE
Percent Solids: 93%

Extraction Method: EPA 3546
Extraction Date: 09/17/23 05:00

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
NJ Extractable Petroleum Hydrocarbons (Total) - Westborough Lab						
Total EPH	ND		mg/kg	25.5	25.5	1
Surrogate	% Recovery		Qualifier	Acceptance Criteria		
Chloro-Octadecane	93			40-140		
o-Terphenyl	93			40-140		

Project Name: SUN VALLEY SITE
Project Number: 12060 / PHASE 8

Lab Number: L2354250
Report Date: 09/22/23

SAMPLE RESULTS

Lab ID: L2354250-07
 Client ID: COMP_A2(0-7)
 Sample Location: OSSINING, NY

Date Collected: 09/15/23 15:00
 Date Received: 09/15/23
 Field Prep: Not Specified

Sample Depth:
 Matrix: Soil
 Analytical Method: 103,NJDEP EPH
 Analytical Date: 09/18/23 13:21
 Analyst: CRE
 Percent Solids: 92%

Extraction Method: EPA 3546
 Extraction Date: 09/17/23 05:00

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
NJ Extractable Petroleum Hydrocarbons (Total) - Westborough Lab						
Total EPH	ND		mg/kg	25.8	25.8	1
Surrogate	% Recovery		Qualifier	Acceptance Criteria		
Chloro-Octadecane	82			40-140		
o-Terphenyl	83			40-140		

Project Name: SUN VALLEY SITE
Project Number: 12060 / PHASE 8

Lab Number: L2354250
Report Date: 09/22/23

SAMPLE RESULTS

Lab ID: L2354250-09
 Client ID: COMP_A2(7-19)
 Sample Location: OSSINING, NY

Date Collected: 09/15/23 15:00
 Date Received: 09/15/23
 Field Prep: Not Specified

Sample Depth:
 Matrix: Soil
 Analytical Method: 103,NJDEP EPH
 Analytical Date: 09/18/23 11:35
 Analyst: CRE
 Percent Solids: 91%

Extraction Method: EPA 3546
 Extraction Date: 09/17/23 05:00

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
NJ Extractable Petroleum Hydrocarbons (Total) - Westborough Lab						
Total EPH	ND		mg/kg	25.6	25.6	1
Surrogate	% Recovery		Qualifier	Acceptance Criteria		
Chloro-Octadecane	87			40-140		
o-Terphenyl	87			40-140		

Project Name: SUN VALLEY SITE
Project Number: 12060 / PHASE 8

Lab Number: L2354250
Report Date: 09/22/23

Method Blank Analysis Batch Quality Control

Analytical Method: 103,NJDEP EPH
Analytical Date: 09/17/23 13:22
Analyst: SC

Extraction Method: EPA 3546
Extraction Date: 09/16/23 12:56

Parameter	Result	Qualifier	Units	RL	MDL
NJ Extractable Petroleum Hydrocarbons (Total) - Westborough Lab for sample(s): 01,03,05,07,09 Batch: WG1828301-1					
Total EPH	ND		mg/kg	23.0	23.0

Surrogate	%Recovery	Qualifier	Acceptance Criteria
Chloro-Octadecane	72		40-140
o-Terphenyl	74		40-140

Lab Control Sample Analysis

Batch Quality Control

Project Name: SUN VALLEY SITE

Project Number: 12060 / PHASE 8

Lab Number: L2354250

Report Date: 09/22/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
NJ Extractable Petroleum Hydrocarbons (Total) - Westborough Lab Associated sample(s): 01,03,05,07,09 Batch: WG1828301-2 WG1828301-3								
Total EPH	90		72		40-140	22		25
Nonane (C9)	90		71		40-140	24		25
Decane (C10)	90		71		40-140	24		25
Dodecane (C12)	87		68		40-140	25		25
Tetradecane (C14)	83		66		40-140	23		25
Hexadecane (C16)	83		66		40-140	23		25
Octadecane (C18)	89		70		40-140	24		25
Eicosane (C20)	82		65		40-140	23		25
Heneicosane (C21)	85		67		40-140	24		25
Docosane (C22)	84		67		40-140	23		25
Tetracosane (C24)	84		67		40-140	23		25
Hexacosane (C26)	84		66		40-140	24		25
Octacosane (C28)	84		67		40-140	23		25
triacontane (C30)	84		67		40-140	23		25
Dotriacontane (C32)	85		68		40-140	22		25
Tetratriacontane (C34)	82		66		40-140	22		25
Hexatriacontane (C36)	82		66		40-140	22		25
Octatriacontane (C38)	79		64		40-140	21		25
Tetracontane (C40)	80		64		40-140	22		25

Lab Control Sample Analysis

Batch Quality Control

Project Name: SUN VALLEY SITE

Project Number: 12060 / PHASE 8

Lab Number: L2354250

Report Date: 09/22/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
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NJ Extractable Petroleum Hydrocarbons (Total) - Westborough Lab Associated sample(s): 01,03,05,07,09 Batch: WG1828301-2 WG1828301-3

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
Chloro-Octadecane	79		62		40-140
o-Terphenyl	79		62		40-140

Matrix Spike Analysis

Batch Quality Control

Project Name: SUN VALLEY SITE

Project Number: 12060 / PHASE 8

Lab Number: L2354250

Report Date: 09/22/23

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
NJ Extractable Petroleum Hydrocarbons (Total) - Westborough Lab Client ID: MS Sample Associated sample(s): 01,03,05,07,09 QC Batch ID: WG1828301-4 QC Sample: L2354208-02												
Total EPH	112	293	395	97		-	-		40-140	-		50
Nonane (C9)	ND	8.13	7.36	91		-	-		40-140	-		50
Decane (C10)	ND	8.13	7.42	91		-	-		40-140	-		50
Dodecane (C12)	ND	8.13	7.24	89		-	-		40-140	-		50
Tetradecane (C14)	ND	8.13	7.13	88		-	-		40-140	-		50
Hexadecane (C16)	ND	8.13	7.32	90		-	-		40-140	-		50
Octadecane (C18)	ND	8.13	7.51	92		-	-		40-140	-		50
Eicosane (C20)	ND	8.13	7.17	88		-	-		40-140	-		50
Heneicosane (C21)	ND	8.13	7.28	90		-	-		40-140	-		50
Docosane (C22)	ND	8.13	7.26	89		-	-		40-140	-		50
Tetracosane (C24)	ND	8.13	7.28	90		-	-		40-140	-		50
Hexacosane (C26)	ND	8.13	7.21	89		-	-		40-140	-		50
Octacosane (C28)	ND	8.13	7.20	89		-	-		40-140	-		50
triacontane (C30)	ND	8.13	7.18	88		-	-		40-140	-		50
Dotriacontane (C32)	ND	8.13	7.32	90		-	-		40-140	-		50
Tetratriacontane (C34)	ND	8.13	7.16	88		-	-		40-140	-		50
Hexatriacontane (C36)	ND	8.13	7.26	89		-	-		40-140	-		50
Octatriacontane (C38)	ND	8.13	7.19	88		-	-		40-140	-		50
Tetracontane (C40)	ND	8.13	7.14	88		-	-		40-140	-		50

Surrogate	MS % Recovery	MS Qualifier	MSD % Recovery	MSD Qualifier	Acceptance Criteria
Chloro-Octadecane	82				40-140

Matrix Spike Analysis**Batch Quality Control****Project Name:** SUN VALLEY SITE**Lab Number:** L2354250**Project Number:** 12060 / PHASE 8**Report Date:** 09/22/23

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
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NJ Extractable Petroleum Hydrocarbons (Total) - Westborough Lab Associated sample(s): 01,03,05,07,09 QC Batch ID: WG1828301-4 QC Sample: L2354208-02
 Client ID: MS Sample

Surrogate	MS % Recovery	Qualifier	MSD % Recovery	Qualifier	Acceptance Criteria
o-Terphenyl	80				40-140

Lab Duplicate Analysis Batch Quality Control

Project Name: SUN VALLEY SITE

Project Number: 12060 / PHASE 8

Lab Number: L2354250

Report Date: 09/22/23

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
NJ Extractable Petroleum Hydrocarbons (Total) - Westborough Lab Associated sample(s): 01,03,05,07,09 QC Batch ID: WG1828301-5 QC Sample: L2354208-02 Client ID: DUP Sample						
Total EPH	112	116	mg/kg	4		50

Surrogate	%Recovery	Qualifier	%Recovery	Qualifier	Acceptance Criteria
Chloro-Octadecane	82		83		40-140
o-Terphenyl	81		82		40-140

PCBS

Project Name: SUN VALLEY SITE
Project Number: 12060 / PHASE 8

Lab Number: L2354250
Report Date: 09/22/23

SAMPLE RESULTS

Lab ID: L2354250-01
Client ID: COMP_A1(0-7)
Sample Location: OSSINING, NY

Date Collected: 09/15/23 09:40
Date Received: 09/15/23
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 09/18/23 08:56
Analyst: ENT
Percent Solids: 95%

Extraction Method: EPA 3546
Extraction Date: 09/17/23 01:27
Cleanup Method: EPA 3665A
Cleanup Date: 09/17/23
Cleanup Method: EPA 3660B
Cleanup Date: 09/18/23

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	51.7	4.59	1	A
Aroclor 1221	ND		ug/kg	51.7	5.18	1	A
Aroclor 1232	ND		ug/kg	51.7	11.0	1	A
Aroclor 1242	ND		ug/kg	51.7	6.97	1	A
Aroclor 1248	ND		ug/kg	51.7	7.76	1	A
Aroclor 1254	ND		ug/kg	51.7	5.66	1	A
Aroclor 1260	ND		ug/kg	51.7	9.56	1	A
Aroclor 1262	ND		ug/kg	51.7	6.57	1	A
Aroclor 1268	ND		ug/kg	51.7	5.36	1	A
PCBs, Total	ND		ug/kg	51.7	4.59	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	76		30-150	A
Decachlorobiphenyl	79		30-150	A
2,4,5,6-Tetrachloro-m-xylene	79		30-150	B
Decachlorobiphenyl	84		30-150	B

Project Name: SUN VALLEY SITE
Project Number: 12060 / PHASE 8

Lab Number: L2354250
Report Date: 09/22/23

SAMPLE RESULTS

Lab ID: L2354250-03
Client ID: COMP_A1(7-14)
Sample Location: OSSINING, NY

Date Collected: 09/15/23 10:40
Date Received: 09/15/23
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 09/18/23 09:04
Analyst: ENT
Percent Solids: 94%

Extraction Method: EPA 3546
Extraction Date: 09/17/23 01:27
Cleanup Method: EPA 3665A
Cleanup Date: 09/17/23
Cleanup Method: EPA 3660B
Cleanup Date: 09/18/23

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	50.0	4.44	1	A
Aroclor 1221	ND		ug/kg	50.0	5.01	1	A
Aroclor 1232	ND		ug/kg	50.0	10.6	1	A
Aroclor 1242	ND		ug/kg	50.0	6.74	1	A
Aroclor 1248	ND		ug/kg	50.0	7.50	1	A
Aroclor 1254	ND		ug/kg	50.0	5.47	1	A
Aroclor 1260	ND		ug/kg	50.0	9.23	1	A
Aroclor 1262	ND		ug/kg	50.0	6.34	1	A
Aroclor 1268	ND		ug/kg	50.0	5.18	1	A
PCBs, Total	ND		ug/kg	50.0	4.44	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	72		30-150	A
Decachlorobiphenyl	71		30-150	A
2,4,5,6-Tetrachloro-m-xylene	74		30-150	B
Decachlorobiphenyl	76		30-150	B

Project Name: SUN VALLEY SITE
Project Number: 12060 / PHASE 8

Lab Number: L2354250
Report Date: 09/22/23

SAMPLE RESULTS

Lab ID: L2354250-05
Client ID: COMP_A1(14-20)
Sample Location: OSSINING, NY

Date Collected: 09/15/23 10:45
Date Received: 09/15/23
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 09/18/23 09:12
Analyst: ENT
Percent Solids: 93%

Extraction Method: EPA 3546
Extraction Date: 09/17/23 01:27
Cleanup Method: EPA 3665A
Cleanup Date: 09/17/23
Cleanup Method: EPA 3660B
Cleanup Date: 09/18/23

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	51.9	4.61	1	A
Aroclor 1221	ND		ug/kg	51.9	5.20	1	A
Aroclor 1232	ND		ug/kg	51.9	11.0	1	A
Aroclor 1242	ND		ug/kg	51.9	6.99	1	A
Aroclor 1248	ND		ug/kg	51.9	7.78	1	A
Aroclor 1254	ND		ug/kg	51.9	5.68	1	A
Aroclor 1260	ND		ug/kg	51.9	9.59	1	A
Aroclor 1262	ND		ug/kg	51.9	6.59	1	A
Aroclor 1268	ND		ug/kg	51.9	5.38	1	A
PCBs, Total	ND		ug/kg	51.9	4.61	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	78		30-150	A
Decachlorobiphenyl	81		30-150	A
2,4,5,6-Tetrachloro-m-xylene	83		30-150	B
Decachlorobiphenyl	88		30-150	B

Project Name: SUN VALLEY SITE
Project Number: 12060 / PHASE 8

Lab Number: L2354250
Report Date: 09/22/23

SAMPLE RESULTS

Lab ID: L2354250-07
Client ID: COMP_A2(0-7)
Sample Location: OSSINING, NY

Date Collected: 09/15/23 15:00
Date Received: 09/15/23
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 09/18/23 09:20
Analyst: ENT
Percent Solids: 92%

Extraction Method: EPA 3546
Extraction Date: 09/17/23 01:27
Cleanup Method: EPA 3665A
Cleanup Date: 09/17/23
Cleanup Method: EPA 3660B
Cleanup Date: 09/18/23

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	51.7	4.59	1	A
Aroclor 1221	ND		ug/kg	51.7	5.18	1	A
Aroclor 1232	ND		ug/kg	51.7	11.0	1	A
Aroclor 1242	ND		ug/kg	51.7	6.97	1	A
Aroclor 1248	ND		ug/kg	51.7	7.76	1	A
Aroclor 1254	ND		ug/kg	51.7	5.66	1	A
Aroclor 1260	ND		ug/kg	51.7	9.56	1	A
Aroclor 1262	ND		ug/kg	51.7	6.57	1	A
Aroclor 1268	ND		ug/kg	51.7	5.36	1	A
PCBs, Total	ND		ug/kg	51.7	4.59	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	78		30-150	A
Decachlorobiphenyl	82		30-150	A
2,4,5,6-Tetrachloro-m-xylene	82		30-150	B
Decachlorobiphenyl	85		30-150	B

Project Name: SUN VALLEY SITE
Project Number: 12060 / PHASE 8

Lab Number: L2354250
Report Date: 09/22/23

SAMPLE RESULTS

Lab ID: L2354250-09
Client ID: COMP_A2(7-19)
Sample Location: OSSINING, NY

Date Collected: 09/15/23 15:00
Date Received: 09/15/23
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 09/18/23 09:28
Analyst: ENT
Percent Solids: 91%

Extraction Method: EPA 3546
Extraction Date: 09/17/23 01:27
Cleanup Method: EPA 3665A
Cleanup Date: 09/17/23
Cleanup Method: EPA 3660B
Cleanup Date: 09/18/23

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	51.2	4.54	1	A
Aroclor 1221	ND		ug/kg	51.2	5.13	1	A
Aroclor 1232	ND		ug/kg	51.2	10.8	1	A
Aroclor 1242	ND		ug/kg	51.2	6.90	1	A
Aroclor 1248	ND		ug/kg	51.2	7.67	1	A
Aroclor 1254	ND		ug/kg	51.2	5.60	1	A
Aroclor 1260	ND		ug/kg	51.2	9.45	1	A
Aroclor 1262	ND		ug/kg	51.2	6.50	1	A
Aroclor 1268	ND		ug/kg	51.2	5.30	1	A
PCBs, Total	ND		ug/kg	51.2	4.54	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	81		30-150	A
Decachlorobiphenyl	82		30-150	A
2,4,5,6-Tetrachloro-m-xylene	85		30-150	B
Decachlorobiphenyl	85		30-150	B

Project Name: SUN VALLEY SITE
Project Number: 12060 / PHASE 8

Lab Number: L2354250
Report Date: 09/22/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8082A
Analytical Date: 09/18/23 08:08
Analyst: ENT

Extraction Method: EPA 3546
Extraction Date: 09/17/23 01:27
Cleanup Method: EPA 3665A
Cleanup Date: 09/17/23
Cleanup Method: EPA 3660B
Cleanup Date: 09/18/23

Parameter	Result	Qualifier	Units	RL	MDL	Column
Polychlorinated Biphenyls by GC - Westborough Lab for sample(s): 01,03,05,07,09 Batch: WG1828376-1						
Aroclor 1016	ND		ug/kg	49.3	4.38	A
Aroclor 1221	ND		ug/kg	49.3	4.94	A
Aroclor 1232	ND		ug/kg	49.3	10.4	A
Aroclor 1242	ND		ug/kg	49.3	6.65	A
Aroclor 1248	ND		ug/kg	49.3	7.40	A
Aroclor 1254	ND		ug/kg	49.3	5.39	A
Aroclor 1260	ND		ug/kg	49.3	9.11	A
Aroclor 1262	ND		ug/kg	49.3	6.26	A
Aroclor 1268	ND		ug/kg	49.3	5.11	A
PCBs, Total	ND		ug/kg	49.3	4.38	A

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	86		30-150	A
Decachlorobiphenyl	86		30-150	A
2,4,5,6-Tetrachloro-m-xylene	85		30-150	B
Decachlorobiphenyl	86		30-150	B

Lab Control Sample Analysis

Batch Quality Control

Project Name: SUN VALLEY SITE

Project Number: 12060 / PHASE 8

Lab Number: L2354250

Report Date: 09/22/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Polychlorinated Biphenyls by GC - Westborough Lab Associated sample(s): 01,03,05,07,09 Batch: WG1828376-2 WG1828376-3									
Aroclor 1016	80		74		40-140	8		50	A
Aroclor 1260	74		72		40-140	3		50	A

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	81		80		30-150	A
Decachlorobiphenyl	80		79		30-150	A
2,4,5,6-Tetrachloro-m-xylene	84		80		30-150	B
Decachlorobiphenyl	87		84		30-150	B

PESTICIDES

Project Name: SUN VALLEY SITE
Project Number: 12060 / PHASE 8

Lab Number: L2354250
Report Date: 09/22/23

SAMPLE RESULTS

Lab ID: L2354250-01
Client ID: COMP_A1(0-7)
Sample Location: OSSINING, NY

Date Collected: 09/15/23 09:40
Date Received: 09/15/23
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 09/19/23 19:29
Analyst: EJL
Percent Solids: 95%

Extraction Method: EPA 3546
Extraction Date: 09/17/23 02:54
Cleanup Method: EPA 3620B
Cleanup Date: 09/18/23
Cleanup Method: EPA 3660B
Cleanup Date: 09/18/23

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.67	0.328	1	A
Lindane	ND		ug/kg	0.698	0.312	1	A
Alpha-BHC	ND		ug/kg	0.698	0.198	1	A
Beta-BHC	ND		ug/kg	1.67	0.635	1	A
Heptachlor	ND		ug/kg	0.837	0.375	1	A
Aldrin	ND		ug/kg	1.67	0.590	1	A
Heptachlor epoxide	ND		ug/kg	3.14	0.942	1	A
Endrin	ND		ug/kg	0.698	0.286	1	A
Endrin aldehyde	ND		ug/kg	2.09	0.733	1	A
Endrin ketone	ND		ug/kg	1.67	0.431	1	A
Dieldrin	ND		ug/kg	1.05	0.523	1	A
4,4'-DDE	ND		ug/kg	1.67	0.387	1	A
4,4'-DDD	ND		ug/kg	1.67	0.597	1	A
4,4'-DDT	ND		ug/kg	1.67	1.35	1	A
Endosulfan I	ND		ug/kg	1.67	0.396	1	A
Endosulfan II	ND		ug/kg	1.67	0.560	1	A
Endosulfan sulfate	ND		ug/kg	0.698	0.332	1	A
Methoxychlor	ND		ug/kg	3.14	0.977	1	A
Toxaphene	ND		ug/kg	31.4	8.79	1	A
cis-Chlordane	ND		ug/kg	2.09	0.583	1	A
trans-Chlordane	ND		ug/kg	2.09	0.553	1	A
Chlordane	ND		ug/kg	14.0	5.55	1	A

Project Name: SUN VALLEY SITE**Lab Number:** L2354250**Project Number:** 12060 / PHASE 8**Report Date:** 09/22/23**SAMPLE RESULTS**

Lab ID: L2354250-01

Date Collected: 09/15/23 09:40

Client ID: COMP_A1(0-7)

Date Received: 09/15/23

Sample Location: OSSINING, NY

Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	83		30-150	A
Decachlorobiphenyl	111		30-150	A
2,4,5,6-Tetrachloro-m-xylene	86		30-150	B
Decachlorobiphenyl	113		30-150	B

Project Name: SUN VALLEY SITE
Project Number: 12060 / PHASE 8

Lab Number: L2354250
Report Date: 09/22/23

SAMPLE RESULTS

Lab ID: L2354250-01
Client ID: COMP_A1(0-7)
Sample Location: OSSINING, NY

Date Collected: 09/15/23 09:40
Date Received: 09/15/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8151A
Analytical Date: 09/19/23 13:42
Analyst: MMG
Percent Solids: 95%
Methylation Date: 09/18/23 18:16

Extraction Method: EPA 8151A
Extraction Date: 09/16/23 17:28

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Chlorinated Herbicides by GC - Westborough Lab							
2,4-D	ND		ug/kg	172	10.9	1	A
2,4,5-T	ND		ug/kg	172	5.34	1	A
2,4,5-TP (Silvex)	ND		ug/kg	172	4.59	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
DCAA	76		30-150	A
DCAA	78		30-150	B

Project Name: SUN VALLEY SITE
Project Number: 12060 / PHASE 8

Lab Number: L2354250
Report Date: 09/22/23

SAMPLE RESULTS

Lab ID: L2354250-03
Client ID: COMP_A1(7-14)
Sample Location: OSSINING, NY

Date Collected: 09/15/23 10:40
Date Received: 09/15/23
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 09/19/23 19:41
Analyst: EJL
Percent Solids: 94%

Extraction Method: EPA 3546
Extraction Date: 09/17/23 02:54
Cleanup Method: EPA 3620B
Cleanup Date: 09/18/23
Cleanup Method: EPA 3660B
Cleanup Date: 09/18/23

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.63	0.320	1	A
Lindane	ND		ug/kg	0.680	0.304	1	A
Alpha-BHC	ND		ug/kg	0.680	0.193	1	A
Beta-BHC	ND		ug/kg	1.63	0.619	1	A
Heptachlor	ND		ug/kg	0.816	0.366	1	A
Aldrin	ND		ug/kg	1.63	0.575	1	A
Heptachlor epoxide	ND		ug/kg	3.06	0.918	1	A
Endrin	ND		ug/kg	0.680	0.279	1	A
Endrin aldehyde	ND		ug/kg	2.04	0.714	1	A
Endrin ketone	ND		ug/kg	1.63	0.420	1	A
Dieldrin	ND		ug/kg	1.02	0.510	1	A
4,4'-DDE	ND		ug/kg	1.63	0.378	1	A
4,4'-DDD	ND		ug/kg	1.63	0.582	1	A
4,4'-DDT	ND		ug/kg	1.63	1.31	1	A
Endosulfan I	ND		ug/kg	1.63	0.386	1	A
Endosulfan II	ND		ug/kg	1.63	0.546	1	A
Endosulfan sulfate	ND		ug/kg	0.680	0.324	1	A
Methoxychlor	ND		ug/kg	3.06	0.952	1	A
Toxaphene	ND		ug/kg	30.6	8.57	1	A
cis-Chlordane	ND		ug/kg	2.04	0.569	1	A
trans-Chlordane	ND		ug/kg	2.04	0.539	1	A
Chlordane	ND		ug/kg	13.6	5.41	1	A

Project Name: SUN VALLEY SITE
Project Number: 12060 / PHASE 8

Lab Number: L2354250
Report Date: 09/22/23

SAMPLE RESULTS

Lab ID: L2354250-03
Client ID: COMP_A1(7-14)
Sample Location: OSSINING, NY

Date Collected: 09/15/23 10:40
Date Received: 09/15/23
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
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Organochlorine Pesticides by GC - Westborough Lab							
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Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	82		30-150	A
Decachlorobiphenyl	110		30-150	A
2,4,5,6-Tetrachloro-m-xylene	86		30-150	B
Decachlorobiphenyl	114		30-150	B

Project Name: SUN VALLEY SITE
Project Number: 12060 / PHASE 8

Lab Number: L2354250
Report Date: 09/22/23

SAMPLE RESULTS

Lab ID: L2354250-03
Client ID: COMP_A1(7-14)
Sample Location: OSSINING, NY

Date Collected: 09/15/23 10:40
Date Received: 09/15/23
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8151A
Analytical Date: 09/19/23 14:00
Analyst: MMG
Percent Solids: 94%
Methylation Date: 09/18/23 18:16

Extraction Method: EPA 8151A
Extraction Date: 09/16/23 17:28

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
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Chlorinated Herbicides by GC - Westborough Lab

2,4-D	ND		ug/kg	174	11.0	1	A
2,4,5-T	ND		ug/kg	174	5.40	1	A
2,4,5-TP (Silvex)	ND		ug/kg	174	4.63	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
DCAA	76		30-150	A
DCAA	77		30-150	B

Project Name: SUN VALLEY SITE
Project Number: 12060 / PHASE 8

Lab Number: L2354250
Report Date: 09/22/23

SAMPLE RESULTS

Lab ID: L2354250-05
Client ID: COMP_A1(14-20)
Sample Location: OSSINING, NY

Date Collected: 09/15/23 10:45
Date Received: 09/15/23
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 09/19/23 19:52
Analyst: EJJ
Percent Solids: 93%

Extraction Method: EPA 3546
Extraction Date: 09/17/23 02:54
Cleanup Method: EPA 3620B
Cleanup Date: 09/18/23
Cleanup Method: EPA 3660B
Cleanup Date: 09/18/23

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.68	0.329	1	A
Lindane	ND		ug/kg	0.700	0.313	1	A
Alpha-BHC	ND		ug/kg	0.700	0.199	1	A
Beta-BHC	ND		ug/kg	1.68	0.637	1	A
Heptachlor	ND		ug/kg	0.840	0.376	1	A
Aldrin	ND		ug/kg	1.68	0.591	1	A
Heptachlor epoxide	ND		ug/kg	3.15	0.945	1	A
Endrin	ND		ug/kg	0.700	0.287	1	A
Endrin aldehyde	ND		ug/kg	2.10	0.735	1	A
Endrin ketone	ND		ug/kg	1.68	0.432	1	A
Dieldrin	ND		ug/kg	1.05	0.525	1	A
4,4'-DDE	ND		ug/kg	1.68	0.388	1	A
4,4'-DDD	ND		ug/kg	1.68	0.599	1	A
4,4'-DDT	ND		ug/kg	1.68	1.35	1	A
Endosulfan I	ND		ug/kg	1.68	0.397	1	A
Endosulfan II	ND		ug/kg	1.68	0.561	1	A
Endosulfan sulfate	ND		ug/kg	0.700	0.333	1	A
Methoxychlor	ND		ug/kg	3.15	0.980	1	A
Toxaphene	ND		ug/kg	31.5	8.82	1	A
cis-Chlordane	ND		ug/kg	2.10	0.585	1	A
trans-Chlordane	ND		ug/kg	2.10	0.554	1	A
Chlordane	ND		ug/kg	14.0	5.56	1	A

Project Name: SUN VALLEY SITE**Lab Number:** L2354250**Project Number:** 12060 / PHASE 8**Report Date:** 09/22/23**SAMPLE RESULTS**

Lab ID: L2354250-05

Date Collected: 09/15/23 10:45

Client ID: COMP_A1(14-20)

Date Received: 09/15/23

Sample Location: OSSINING, NY

Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	83		30-150	A
Decachlorobiphenyl	109		30-150	A
2,4,5,6-Tetrachloro-m-xylene	87		30-150	B
Decachlorobiphenyl	109		30-150	B

Project Name: SUN VALLEY SITE
Project Number: 12060 / PHASE 8

Lab Number: L2354250
Report Date: 09/22/23

SAMPLE RESULTS

Lab ID: L2354250-05
Client ID: COMP_A1(14-20)
Sample Location: OSSINING, NY

Date Collected: 09/15/23 10:45
Date Received: 09/15/23
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8151A
Analytical Date: 09/19/23 14:18
Analyst: MMG
Percent Solids: 93%
Methylation Date: 09/18/23 18:16

Extraction Method: EPA 8151A
Extraction Date: 09/16/23 17:28

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
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Chlorinated Herbicides by GC - Westborough Lab

2,4-D	ND		ug/kg	176	11.1	1	A
2,4,5-T	ND		ug/kg	176	5.45	1	A
2,4,5-TP (Silvex)	ND		ug/kg	176	4.67	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
DCAA	63		30-150	A
DCAA	65		30-150	B

Project Name: SUN VALLEY SITE
Project Number: 12060 / PHASE 8

Lab Number: L2354250
Report Date: 09/22/23

SAMPLE RESULTS

Lab ID: L2354250-07
Client ID: COMP_A2(0-7)
Sample Location: OSSINING, NY

Date Collected: 09/15/23 15:00
Date Received: 09/15/23
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 09/19/23 20:04
Analyst: EJL
Percent Solids: 92%

Extraction Method: EPA 3546
Extraction Date: 09/17/23 02:54
Cleanup Method: EPA 3620B
Cleanup Date: 09/18/23
Cleanup Method: EPA 3660B
Cleanup Date: 09/18/23

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.72	0.337	1	A
Lindane	ND		ug/kg	0.716	0.320	1	A
Alpha-BHC	ND		ug/kg	0.716	0.203	1	A
Beta-BHC	ND		ug/kg	1.72	0.652	1	A
Heptachlor	ND		ug/kg	0.860	0.385	1	A
Aldrin	ND		ug/kg	1.72	0.605	1	A
Heptachlor epoxide	ND		ug/kg	3.22	0.967	1	A
Endrin	ND		ug/kg	0.716	0.294	1	A
Endrin aldehyde	ND		ug/kg	2.15	0.752	1	A
Endrin ketone	ND		ug/kg	1.72	0.443	1	A
Dieldrin	ND		ug/kg	1.07	0.537	1	A
4,4'-DDE	ND		ug/kg	1.72	0.398	1	A
4,4'-DDD	ND		ug/kg	1.72	0.613	1	A
4,4'-DDT	ND		ug/kg	1.72	1.38	1	A
Endosulfan I	ND		ug/kg	1.72	0.406	1	A
Endosulfan II	ND		ug/kg	1.72	0.574	1	A
Endosulfan sulfate	ND		ug/kg	0.716	0.341	1	A
Methoxychlor	ND		ug/kg	3.22	1.00	1	A
Toxaphene	ND		ug/kg	32.2	9.02	1	A
cis-Chlordane	ND		ug/kg	2.15	0.599	1	A
trans-Chlordane	ND		ug/kg	2.15	0.567	1	A
Chlordane	ND		ug/kg	14.3	5.69	1	A

Project Name: SUN VALLEY SITE**Lab Number:** L2354250**Project Number:** 12060 / PHASE 8**Report Date:** 09/22/23**SAMPLE RESULTS**

Lab ID: L2354250-07

Date Collected: 09/15/23 15:00

Client ID: COMP_A2(0-7)

Date Received: 09/15/23

Sample Location: OSSINING, NY

Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	75		30-150	A
Decachlorobiphenyl	101		30-150	A
2,4,5,6-Tetrachloro-m-xylene	77		30-150	B
Decachlorobiphenyl	105		30-150	B

Project Name: SUN VALLEY SITE
Project Number: 12060 / PHASE 8

Lab Number: L2354250
Report Date: 09/22/23

SAMPLE RESULTS

Lab ID: L2354250-07
Client ID: COMP_A2(0-7)
Sample Location: OSSINING, NY

Date Collected: 09/15/23 15:00
Date Received: 09/15/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8151A
Analytical Date: 09/19/23 14:37
Analyst: MMG
Percent Solids: 92%
Methylation Date: 09/18/23 18:16

Extraction Method: EPA 8151A
Extraction Date: 09/16/23 17:28

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Chlorinated Herbicides by GC - Westborough Lab							
2,4-D	ND		ug/kg	177	11.1	1	A
2,4,5-T	ND		ug/kg	177	5.48	1	A
2,4,5-TP (Silvex)	ND		ug/kg	177	4.70	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
DCAA	78		30-150	A
DCAA	76		30-150	B

Project Name: SUN VALLEY SITE
Project Number: 12060 / PHASE 8

Lab Number: L2354250
Report Date: 09/22/23

SAMPLE RESULTS

Lab ID: L2354250-09
Client ID: COMP_A2(7-19)
Sample Location: OSSINING, NY

Date Collected: 09/15/23 15:00
Date Received: 09/15/23
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 09/19/23 20:15
Analyst: EJJ
Percent Solids: 91%

Extraction Method: EPA 3546
Extraction Date: 09/17/23 02:54
Cleanup Method: EPA 3620B
Cleanup Date: 09/18/23
Cleanup Method: EPA 3660B
Cleanup Date: 09/18/23

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.74	0.340	1	A
Lindane	ND		ug/kg	0.723	0.323	1	A
Alpha-BHC	ND		ug/kg	0.723	0.205	1	A
Beta-BHC	ND		ug/kg	1.74	0.658	1	A
Heptachlor	ND		ug/kg	0.868	0.389	1	A
Aldrin	ND		ug/kg	1.74	0.611	1	A
Heptachlor epoxide	ND		ug/kg	3.25	0.976	1	A
Endrin	ND		ug/kg	0.723	0.296	1	A
Endrin aldehyde	ND		ug/kg	2.17	0.759	1	A
Endrin ketone	ND		ug/kg	1.74	0.447	1	A
Dieldrin	ND		ug/kg	1.08	0.542	1	A
4,4'-DDE	ND		ug/kg	1.74	0.401	1	A
4,4'-DDD	ND		ug/kg	1.74	0.619	1	A
4,4'-DDT	ND		ug/kg	1.74	1.40	1	A
Endosulfan I	ND		ug/kg	1.74	0.410	1	A
Endosulfan II	ND		ug/kg	1.74	0.580	1	A
Endosulfan sulfate	ND		ug/kg	0.723	0.344	1	A
Methoxychlor	ND		ug/kg	3.25	1.01	1	A
Toxaphene	ND		ug/kg	32.5	9.11	1	A
cis-Chlordane	ND		ug/kg	2.17	0.604	1	A
trans-Chlordane	ND		ug/kg	2.17	0.572	1	A
Chlordane	ND		ug/kg	14.4	5.75	1	A

Project Name: SUN VALLEY SITE
Project Number: 12060 / PHASE 8

Lab Number: L2354250
Report Date: 09/22/23

SAMPLE RESULTS

Lab ID: L2354250-09
Client ID: COMP_A2(7-19)
Sample Location: OSSINING, NY

Date Collected: 09/15/23 15:00
Date Received: 09/15/23
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
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Organochlorine Pesticides by GC - Westborough Lab							
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Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	94		30-150	A
Decachlorobiphenyl	122		30-150	A
2,4,5,6-Tetrachloro-m-xylene	97		30-150	B
Decachlorobiphenyl	120		30-150	B

Project Name: SUN VALLEY SITE
Project Number: 12060 / PHASE 8

Lab Number: L2354250
Report Date: 09/22/23

SAMPLE RESULTS

Lab ID: L2354250-09
Client ID: COMP_A2(7-19)
Sample Location: OSSINING, NY

Date Collected: 09/15/23 15:00
Date Received: 09/15/23
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8151A
Analytical Date: 09/19/23 14:55
Analyst: MMG
Percent Solids: 91%
Methylation Date: 09/18/23 18:16

Extraction Method: EPA 8151A
Extraction Date: 09/16/23 17:28

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
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Chlorinated Herbicides by GC - Westborough Lab

2,4-D	ND		ug/kg	179	11.3	1	A
2,4,5-T	ND		ug/kg	179	5.54	1	A
2,4,5-TP (Silvex)	ND		ug/kg	179	4.76	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
DCAA	77		30-150	A
DCAA	77		30-150	B

Project Name: SUN VALLEY SITE
Project Number: 12060 / PHASE 8

Lab Number: L2354250
Report Date: 09/22/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8151A
Analytical Date: 09/19/23 09:06
Analyst: MMG

Extraction Method: EPA 8151A
Extraction Date: 09/16/23 17:28

Methylation Date: 09/18/23 18:16

Parameter	Result	Qualifier	Units	RL	MDL	Column
Chlorinated Herbicides by GC - Westborough Lab for sample(s): 01,03,05,07,09 Batch: WG1828345-1						
2,4-D	ND		ug/kg	162	10.2	A
2,4,5-T	ND		ug/kg	162	5.02	A
2,4,5-TP (Silvex)	ND		ug/kg	162	4.31	A

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
DCAA	72		30-150	A
DCAA	81		30-150	B

Project Name: SUN VALLEY SITE
Project Number: 12060 / PHASE 8

Lab Number: L2354250
Report Date: 09/22/23

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8081B
Analytical Date: 09/19/23 08:33
Analyst: EJJ

Extraction Method: EPA 3546
Extraction Date: 09/17/23 02:54
Cleanup Method: EPA 3620B
Cleanup Date: 09/18/23
Cleanup Method: EPA 3660B
Cleanup Date: 09/18/23

Parameter	Result	Qualifier	Units	RL	MDL	Column
Organochlorine Pesticides by GC - Westborough Lab for sample(s): 01,03,05,07,09 Batch: WG1828378-1						
Delta-BHC	ND		ug/kg	1.51	0.296	A
Lindane	ND		ug/kg	0.630	0.281	A
Alpha-BHC	ND		ug/kg	0.630	0.179	A
Beta-BHC	ND		ug/kg	1.51	0.573	A
Heptachlor	ND		ug/kg	0.756	0.339	A
Aldrin	ND		ug/kg	1.51	0.532	A
Heptachlor epoxide	ND		ug/kg	2.83	0.850	A
Endrin	ND		ug/kg	0.630	0.258	A
Endrin aldehyde	ND		ug/kg	1.89	0.661	A
Endrin ketone	ND		ug/kg	1.51	0.389	A
Dieldrin	ND		ug/kg	0.944	0.472	A
4,4'-DDE	ND		ug/kg	1.51	0.349	A
4,4'-DDD	ND		ug/kg	1.51	0.539	A
4,4'-DDT	ND		ug/kg	1.51	1.22	A
Endosulfan I	ND		ug/kg	1.51	0.357	A
Endosulfan II	ND		ug/kg	1.51	0.505	A
Endosulfan sulfate	ND		ug/kg	0.630	0.300	A
Methoxychlor	ND		ug/kg	2.83	0.882	A
Toxaphene	ND		ug/kg	28.3	7.93	A
cis-Chlordane	ND		ug/kg	1.89	0.526	A
trans-Chlordane	ND		ug/kg	1.89	0.499	A
Chlordane	ND		ug/kg	12.6	5.01	A

Project Name: SUN VALLEY SITE
Project Number: 12060 / PHASE 8

Lab Number: L2354250
Report Date: 09/22/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8081B
 Analytical Date: 09/19/23 08:33
 Analyst: EJL

Extraction Method: EPA 3546
 Extraction Date: 09/17/23 02:54
 Cleanup Method: EPA 3620B
 Cleanup Date: 09/18/23
 Cleanup Method: EPA 3660B
 Cleanup Date: 09/18/23

Parameter	Result	Qualifier	Units	RL	MDL	Column
Organochlorine Pesticides by GC - Westborough Lab for sample(s): 01,03,05,07,09 Batch: WG1828378-1						

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	86		30-150	A
Decachlorobiphenyl	118		30-150	A
2,4,5,6-Tetrachloro-m-xylene	89		30-150	B
Decachlorobiphenyl	119		30-150	B

Lab Control Sample Analysis Batch Quality Control

Project Name: SUN VALLEY SITE

Project Number: 12060 / PHASE 8

Lab Number: L2354250

Report Date: 09/22/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Chlorinated Herbicides by GC - Westborough Lab Associated sample(s): 01,03,05,07,09 Batch: WG1828345-2 WG1828345-3									
2,4-D	91		78		30-150	15		30	A
2,4,5-T	85		80		30-150	6		30	A
2,4,5-TP (Silvex)	83		79		30-150	5		30	A

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
DCAA	74		72		30-150	A
DCAA	84		80		30-150	B

Lab Control Sample Analysis Batch Quality Control

Project Name: SUN VALLEY SITE

Project Number: 12060 / PHASE 8

Lab Number: L2354250

Report Date: 09/22/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 01,03,05,07,09 Batch: WG1828378-2 WG1828378-3									
Delta-BHC	104		93		30-150	11		30	A
Lindane	87		83		30-150	5		30	A
Alpha-BHC	92		87		30-150	6		30	A
Beta-BHC	103		90		30-150	13		30	A
Heptachlor	88		83		30-150	6		30	A
Aldrin	88		84		30-150	5		30	A
Heptachlor epoxide	87		83		30-150	5		30	A
Endrin	91		88		30-150	3		30	A
Endrin aldehyde	76		74		30-150	3		30	A
Endrin ketone	96		94		30-150	2		30	A
Dieldrin	97		94		30-150	3		30	A
4,4'-DDE	90		87		30-150	3		30	A
4,4'-DDD	98		97		30-150	1		30	A
4,4'-DDT	96		95		30-150	1		30	A
Endosulfan I	88		85		30-150	3		30	A
Endosulfan II	93		92		30-150	1		30	A
Endosulfan sulfate	90		86		30-150	5		30	A
Methoxychlor	86		85		30-150	1		30	A
cis-Chlordane	98		94		30-150	4		30	A
trans-Chlordane	100		98		30-150	2		30	A

Lab Control Sample Analysis

Batch Quality Control

Project Name: SUN VALLEY SITE

Project Number: 12060 / PHASE 8

Lab Number: L2354250

Report Date: 09/22/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
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Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 01,03,05,07,09 Batch: WG1828378-2 WG1828378-3

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	80		73		30-150	A
Decachlorobiphenyl	111		106		30-150	A
2,4,5,6-Tetrachloro-m-xylene	84		77		30-150	B
Decachlorobiphenyl	115		111		30-150	B

METALS

Project Name: SUN VALLEY SITE**Lab Number:** L2354250**Project Number:** 12060 / PHASE 8**Report Date:** 09/22/23**SAMPLE RESULTS**

Lab ID: L2354250-01

Date Collected: 09/15/23 09:40

Client ID: COMP_A1(0-7)

Date Received: 09/15/23

Sample Location: OSSINING, NY

Field Prep: Not Specified

Sample Depth:

TCLP/SPLP Ext. Date: 09/16/23 17:56

Matrix: Soil

Percent Solids: 95%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
TCLP Metals by EPA 1311 - Mansfield Lab											
Arsenic, TCLP	ND		mg/l	1.00	0.0190	1	09/19/23 02:57	09/19/23 08:49	EPA 3015	1,6010D	DHL
Barium, TCLP	0.862		mg/l	0.500	0.0210	1	09/19/23 02:57	09/19/23 08:49	EPA 3015	1,6010D	DHL
Cadmium, TCLP	ND		mg/l	0.100	0.0100	1	09/19/23 02:57	09/19/23 08:49	EPA 3015	1,6010D	DHL
Chromium, TCLP	0.0254	J	mg/l	0.200	0.0210	1	09/19/23 02:57	09/19/23 08:49	EPA 3015	1,6010D	DHL
Lead, TCLP	ND		mg/l	0.500	0.0270	1	09/19/23 02:57	09/19/23 08:49	EPA 3015	1,6010D	DHL
Mercury, TCLP	ND		mg/l	0.0010	0.0005	1	09/19/23 02:50	09/21/23 14:57	EPA 7470A	1,7470A	GMG
Selenium, TCLP	ND		mg/l	0.500	0.0350	1	09/19/23 02:57	09/19/23 08:49	EPA 3015	1,6010D	DHL
Silver, TCLP	ND		mg/l	0.100	0.0280	1	09/19/23 02:57	09/19/23 08:49	EPA 3015	1,6010D	DHL



Project Name: SUN VALLEY SITE**Lab Number:** L2354250**Project Number:** 12060 / PHASE 8**Report Date:** 09/22/23**SAMPLE RESULTS**

Lab ID: L2354250-01

Date Collected: 09/15/23 09:40

Client ID: COMP_A1(0-7)

Date Received: 09/15/23

Sample Location: OSSINING, NY

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 95%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	12500		mg/kg	8.24	2.22	2	09/19/23 07:25	09/19/23 10:55	EPA 3050B	1,6010D	DHL
Antimony, Total	ND		mg/kg	4.12	0.313	2	09/19/23 07:25	09/19/23 10:55	EPA 3050B	1,6010D	DHL
Arsenic, Total	1.70		mg/kg	0.824	0.171	2	09/19/23 07:25	09/19/23 10:55	EPA 3050B	1,6010D	DHL
Barium, Total	162		mg/kg	0.824	0.143	2	09/19/23 07:25	09/19/23 10:55	EPA 3050B	1,6010D	DHL
Beryllium, Total	0.336	J	mg/kg	0.412	0.027	2	09/19/23 07:25	09/19/23 10:55	EPA 3050B	1,6010D	DHL
Cadmium, Total	ND		mg/kg	0.824	0.081	2	09/19/23 07:25	09/19/23 10:55	EPA 3050B	1,6010D	DHL
Calcium, Total	6600		mg/kg	8.24	2.88	2	09/19/23 07:25	09/19/23 10:55	EPA 3050B	1,6010D	DHL
Chromium, Total	32.3		mg/kg	0.824	0.079	2	09/19/23 07:25	09/19/23 10:55	EPA 3050B	1,6010D	DHL
Cobalt, Total	8.69		mg/kg	1.65	0.137	2	09/19/23 07:25	09/19/23 10:55	EPA 3050B	1,6010D	DHL
Copper, Total	19.4		mg/kg	0.824	0.212	2	09/19/23 07:25	09/19/23 10:55	EPA 3050B	1,6010D	DHL
Iron, Total	22500		mg/kg	4.12	0.744	2	09/19/23 07:25	09/19/23 10:55	EPA 3050B	1,6010D	DHL
Lead, Total	6.79		mg/kg	4.12	0.221	2	09/19/23 07:25	09/19/23 10:55	EPA 3050B	1,6010D	DHL
Magnesium, Total	8230		mg/kg	8.24	1.27	2	09/19/23 07:25	09/19/23 10:55	EPA 3050B	1,6010D	DHL
Manganese, Total	281		mg/kg	0.824	0.131	2	09/19/23 07:25	09/19/23 10:55	EPA 3050B	1,6010D	DHL
Mercury, Total	ND		mg/kg	0.068	0.044	1	09/19/23 07:50	09/19/23 10:26	EPA 7471B	1,7471B	GMG
Nickel, Total	18.0		mg/kg	2.06	0.199	2	09/19/23 07:25	09/19/23 10:55	EPA 3050B	1,6010D	DHL
Potassium, Total	6690		mg/kg	206	11.9	2	09/19/23 07:25	09/19/23 10:55	EPA 3050B	1,6010D	DHL
Selenium, Total	ND		mg/kg	1.65	0.212	2	09/19/23 07:25	09/19/23 10:55	EPA 3050B	1,6010D	DHL
Silver, Total	ND		mg/kg	0.412	0.233	2	09/19/23 07:25	09/19/23 10:55	EPA 3050B	1,6010D	DHL
Sodium, Total	229		mg/kg	165	2.60	2	09/19/23 07:25	09/19/23 10:55	EPA 3050B	1,6010D	DHL
Thallium, Total	6.05		mg/kg	1.65	0.260	2	09/19/23 07:25	09/19/23 10:55	EPA 3050B	1,6010D	DHL
Vanadium, Total	34.1		mg/kg	0.824	0.167	2	09/19/23 07:25	09/19/23 10:55	EPA 3050B	1,6010D	DHL
Zinc, Total	50.7		mg/kg	4.12	0.241	2	09/19/23 07:25	09/19/23 10:55	EPA 3050B	1,6010D	DHL



Project Name: SUN VALLEY SITE**Lab Number:** L2354250**Project Number:** 12060 / PHASE 8**Report Date:** 09/22/23**SAMPLE RESULTS**

Lab ID: L2354250-03

Date Collected: 09/15/23 10:40

Client ID: COMP_A1(7-14)

Date Received: 09/15/23

Sample Location: OSSINING, NY

Field Prep: Not Specified

Sample Depth:

TCLP/SPLP Ext. Date: 09/16/23 17:56

Matrix: Soil

Percent Solids: 94%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
TCLP Metals by EPA 1311 - Mansfield Lab											
Arsenic, TCLP	ND		mg/l	1.00	0.0190	1	09/19/23 02:57	09/19/23 08:52	EPA 3015	1,6010D	DHL
Barium, TCLP	0.864		mg/l	0.500	0.0210	1	09/19/23 02:57	09/19/23 08:52	EPA 3015	1,6010D	DHL
Cadmium, TCLP	ND		mg/l	0.100	0.0100	1	09/19/23 02:57	09/19/23 08:52	EPA 3015	1,6010D	DHL
Chromium, TCLP	ND		mg/l	0.200	0.0210	1	09/19/23 02:57	09/19/23 08:52	EPA 3015	1,6010D	DHL
Lead, TCLP	ND		mg/l	0.500	0.0270	1	09/19/23 02:57	09/19/23 08:52	EPA 3015	1,6010D	DHL
Mercury, TCLP	ND		mg/l	0.0010	0.0005	1	09/19/23 02:50	09/21/23 15:07	EPA 7470A	1,7470A	GMG
Selenium, TCLP	ND		mg/l	0.500	0.0350	1	09/19/23 02:57	09/19/23 08:52	EPA 3015	1,6010D	DHL
Silver, TCLP	ND		mg/l	0.100	0.0280	1	09/19/23 02:57	09/19/23 08:52	EPA 3015	1,6010D	DHL



Project Name: SUN VALLEY SITE**Lab Number:** L2354250**Project Number:** 12060 / PHASE 8**Report Date:** 09/22/23**SAMPLE RESULTS**

Lab ID: L2354250-03

Date Collected: 09/15/23 10:40

Client ID: COMP_A1(7-14)

Date Received: 09/15/23

Sample Location: OSSINING, NY

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 94%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	11700		mg/kg	8.26	2.23	2	09/19/23 07:25	09/19/23 10:59	EPA 3050B	1,6010D	DHL
Antimony, Total	ND		mg/kg	4.13	0.314	2	09/19/23 07:25	09/19/23 10:59	EPA 3050B	1,6010D	DHL
Arsenic, Total	1.44		mg/kg	0.826	0.172	2	09/19/23 07:25	09/19/23 10:59	EPA 3050B	1,6010D	DHL
Barium, Total	151		mg/kg	0.826	0.144	2	09/19/23 07:25	09/19/23 10:59	EPA 3050B	1,6010D	DHL
Beryllium, Total	0.324	J	mg/kg	0.413	0.027	2	09/19/23 07:25	09/19/23 10:59	EPA 3050B	1,6010D	DHL
Cadmium, Total	ND		mg/kg	0.826	0.081	2	09/19/23 07:25	09/19/23 10:59	EPA 3050B	1,6010D	DHL
Calcium, Total	7960		mg/kg	8.26	2.89	2	09/19/23 07:25	09/19/23 10:59	EPA 3050B	1,6010D	DHL
Chromium, Total	21.4		mg/kg	0.826	0.079	2	09/19/23 07:25	09/19/23 10:59	EPA 3050B	1,6010D	DHL
Cobalt, Total	8.51		mg/kg	1.65	0.137	2	09/19/23 07:25	09/19/23 10:59	EPA 3050B	1,6010D	DHL
Copper, Total	22.6		mg/kg	0.826	0.213	2	09/19/23 07:25	09/19/23 10:59	EPA 3050B	1,6010D	DHL
Iron, Total	22500		mg/kg	4.13	0.746	2	09/19/23 07:25	09/19/23 10:59	EPA 3050B	1,6010D	DHL
Lead, Total	5.20		mg/kg	4.13	0.221	2	09/19/23 07:25	09/19/23 10:59	EPA 3050B	1,6010D	DHL
Magnesium, Total	7760		mg/kg	8.26	1.27	2	09/19/23 07:25	09/19/23 10:59	EPA 3050B	1,6010D	DHL
Manganese, Total	239		mg/kg	0.826	0.131	2	09/19/23 07:25	09/19/23 10:59	EPA 3050B	1,6010D	DHL
Mercury, Total	ND		mg/kg	0.067	0.044	1	09/19/23 07:50	09/19/23 10:29	EPA 7471B	1,7471B	GMG
Nickel, Total	16.8		mg/kg	2.06	0.200	2	09/19/23 07:25	09/19/23 10:59	EPA 3050B	1,6010D	DHL
Potassium, Total	6360		mg/kg	206	11.9	2	09/19/23 07:25	09/19/23 10:59	EPA 3050B	1,6010D	DHL
Selenium, Total	0.274	J	mg/kg	1.65	0.213	2	09/19/23 07:25	09/19/23 10:59	EPA 3050B	1,6010D	DHL
Silver, Total	ND		mg/kg	0.413	0.234	2	09/19/23 07:25	09/19/23 10:59	EPA 3050B	1,6010D	DHL
Sodium, Total	201		mg/kg	165	2.60	2	09/19/23 07:25	09/19/23 10:59	EPA 3050B	1,6010D	DHL
Thallium, Total	5.56		mg/kg	1.65	0.260	2	09/19/23 07:25	09/19/23 10:59	EPA 3050B	1,6010D	DHL
Vanadium, Total	30.3		mg/kg	0.826	0.168	2	09/19/23 07:25	09/19/23 10:59	EPA 3050B	1,6010D	DHL
Zinc, Total	45.5		mg/kg	4.13	0.242	2	09/19/23 07:25	09/19/23 10:59	EPA 3050B	1,6010D	DHL



Project Name: SUN VALLEY SITE**Lab Number:** L2354250**Project Number:** 12060 / PHASE 8**Report Date:** 09/22/23**SAMPLE RESULTS**

Lab ID: L2354250-05

Date Collected: 09/15/23 10:45

Client ID: COMP_A1(14-20)

Date Received: 09/15/23

Sample Location: OSSINING, NY

Field Prep: Not Specified

Sample Depth:

TCLP/SPLP Ext. Date: 09/16/23 17:56

Matrix: Soil

Percent Solids: 93%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
TCLP Metals by EPA 1311 - Mansfield Lab											
Arsenic, TCLP	ND		mg/l	1.00	0.0190	1	09/19/23 02:57	09/19/23 08:55	EPA 3015	1,6010D	DHL
Barium, TCLP	0.747		mg/l	0.500	0.0210	1	09/19/23 02:57	09/19/23 08:55	EPA 3015	1,6010D	DHL
Cadmium, TCLP	ND		mg/l	0.100	0.0100	1	09/19/23 02:57	09/19/23 08:55	EPA 3015	1,6010D	DHL
Chromium, TCLP	ND		mg/l	0.200	0.0210	1	09/19/23 02:57	09/19/23 08:55	EPA 3015	1,6010D	DHL
Lead, TCLP	ND		mg/l	0.500	0.0270	1	09/19/23 02:57	09/19/23 08:55	EPA 3015	1,6010D	DHL
Mercury, TCLP	ND		mg/l	0.0010	0.0005	1	09/19/23 02:50	09/21/23 15:19	EPA 7470A	1,7470A	GMG
Selenium, TCLP	ND		mg/l	0.500	0.0350	1	09/19/23 02:57	09/19/23 08:55	EPA 3015	1,6010D	DHL
Silver, TCLP	ND		mg/l	0.100	0.0280	1	09/19/23 02:57	09/19/23 08:55	EPA 3015	1,6010D	DHL



Project Name: SUN VALLEY SITE**Lab Number:** L2354250**Project Number:** 12060 / PHASE 8**Report Date:** 09/22/23**SAMPLE RESULTS**

Lab ID: L2354250-05

Date Collected: 09/15/23 10:45

Client ID: COMP_A1(14-20)

Date Received: 09/15/23

Sample Location: OSSINING, NY

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 93%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	11100		mg/kg	8.32	2.24	2	09/19/23 07:25	09/19/23 11:02	EPA 3050B	1,6010D	DHL
Antimony, Total	ND		mg/kg	4.16	0.316	2	09/19/23 07:25	09/19/23 11:02	EPA 3050B	1,6010D	DHL
Arsenic, Total	1.31		mg/kg	0.832	0.173	2	09/19/23 07:25	09/19/23 11:02	EPA 3050B	1,6010D	DHL
Barium, Total	153		mg/kg	0.832	0.145	2	09/19/23 07:25	09/19/23 11:02	EPA 3050B	1,6010D	DHL
Beryllium, Total	0.315	J	mg/kg	0.416	0.027	2	09/19/23 07:25	09/19/23 11:02	EPA 3050B	1,6010D	DHL
Cadmium, Total	ND		mg/kg	0.832	0.082	2	09/19/23 07:25	09/19/23 11:02	EPA 3050B	1,6010D	DHL
Calcium, Total	8630		mg/kg	8.32	2.91	2	09/19/23 07:25	09/19/23 11:02	EPA 3050B	1,6010D	DHL
Chromium, Total	20.0		mg/kg	0.832	0.080	2	09/19/23 07:25	09/19/23 11:02	EPA 3050B	1,6010D	DHL
Cobalt, Total	7.80		mg/kg	1.66	0.138	2	09/19/23 07:25	09/19/23 11:02	EPA 3050B	1,6010D	DHL
Copper, Total	14.7		mg/kg	0.832	0.214	2	09/19/23 07:25	09/19/23 11:02	EPA 3050B	1,6010D	DHL
Iron, Total	19600		mg/kg	4.16	0.751	2	09/19/23 07:25	09/19/23 11:02	EPA 3050B	1,6010D	DHL
Lead, Total	5.84		mg/kg	4.16	0.223	2	09/19/23 07:25	09/19/23 11:02	EPA 3050B	1,6010D	DHL
Magnesium, Total	7290		mg/kg	8.32	1.28	2	09/19/23 07:25	09/19/23 11:02	EPA 3050B	1,6010D	DHL
Manganese, Total	243		mg/kg	0.832	0.132	2	09/19/23 07:25	09/19/23 11:02	EPA 3050B	1,6010D	DHL
Mercury, Total	ND		mg/kg	0.068	0.044	1	09/19/23 07:50	09/19/23 10:32	EPA 7471B	1,7471B	GMG
Nickel, Total	15.2		mg/kg	2.08	0.201	2	09/19/23 07:25	09/19/23 11:02	EPA 3050B	1,6010D	DHL
Potassium, Total	6190		mg/kg	208	12.0	2	09/19/23 07:25	09/19/23 11:02	EPA 3050B	1,6010D	DHL
Selenium, Total	ND		mg/kg	1.66	0.214	2	09/19/23 07:25	09/19/23 11:02	EPA 3050B	1,6010D	DHL
Silver, Total	ND		mg/kg	0.416	0.235	2	09/19/23 07:25	09/19/23 11:02	EPA 3050B	1,6010D	DHL
Sodium, Total	199		mg/kg	166	2.62	2	09/19/23 07:25	09/19/23 11:02	EPA 3050B	1,6010D	DHL
Thallium, Total	5.32		mg/kg	1.66	0.262	2	09/19/23 07:25	09/19/23 11:02	EPA 3050B	1,6010D	DHL
Vanadium, Total	28.3		mg/kg	0.832	0.169	2	09/19/23 07:25	09/19/23 11:02	EPA 3050B	1,6010D	DHL
Zinc, Total	43.7		mg/kg	4.16	0.244	2	09/19/23 07:25	09/19/23 11:02	EPA 3050B	1,6010D	DHL



Project Name: SUN VALLEY SITE**Lab Number:** L2354250**Project Number:** 12060 / PHASE 8**Report Date:** 09/22/23**SAMPLE RESULTS**

Lab ID: L2354250-07

Date Collected: 09/15/23 15:00

Client ID: COMP_A2(0-7)

Date Received: 09/15/23

Sample Location: OSSINING, NY

Field Prep: Not Specified

Sample Depth:

TCLP/SPLP Ext. Date: 09/16/23 17:56

Matrix: Soil

Percent Solids: 92%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
TCLP Metals by EPA 1311 - Mansfield Lab											
Arsenic, TCLP	ND		mg/l	1.00	0.0190	1	09/19/23 02:57	09/19/23 08:58	EPA 3015	1,6010D	DHL
Barium, TCLP	0.657		mg/l	0.500	0.0210	1	09/19/23 02:57	09/19/23 08:58	EPA 3015	1,6010D	DHL
Cadmium, TCLP	ND		mg/l	0.100	0.0100	1	09/19/23 02:57	09/19/23 08:58	EPA 3015	1,6010D	DHL
Chromium, TCLP	ND		mg/l	0.200	0.0210	1	09/19/23 02:57	09/19/23 08:58	EPA 3015	1,6010D	DHL
Lead, TCLP	ND		mg/l	0.500	0.0270	1	09/19/23 02:57	09/19/23 08:58	EPA 3015	1,6010D	DHL
Mercury, TCLP	ND		mg/l	0.0010	0.0005	1	09/19/23 02:50	09/21/23 15:22	EPA 7470A	1,7470A	GMG
Selenium, TCLP	ND		mg/l	0.500	0.0350	1	09/19/23 02:57	09/19/23 08:58	EPA 3015	1,6010D	DHL
Silver, TCLP	ND		mg/l	0.100	0.0280	1	09/19/23 02:57	09/19/23 08:58	EPA 3015	1,6010D	DHL



Project Name: SUN VALLEY SITE**Lab Number:** L2354250**Project Number:** 12060 / PHASE 8**Report Date:** 09/22/23**SAMPLE RESULTS**

Lab ID: L2354250-07

Date Collected: 09/15/23 15:00

Client ID: COMP_A2(0-7)

Date Received: 09/15/23

Sample Location: OSSINING, NY

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 92%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	9350		mg/kg	8.45	2.28	2	09/19/23 07:25	09/19/23 11:05	EPA 3050B	1,6010D	DHL
Antimony, Total	ND		mg/kg	4.22	0.321	2	09/19/23 07:25	09/19/23 11:05	EPA 3050B	1,6010D	DHL
Arsenic, Total	1.41		mg/kg	0.845	0.176	2	09/19/23 07:25	09/19/23 11:05	EPA 3050B	1,6010D	DHL
Barium, Total	126		mg/kg	0.845	0.147	2	09/19/23 07:25	09/19/23 11:05	EPA 3050B	1,6010D	DHL
Beryllium, Total	0.268	J	mg/kg	0.422	0.028	2	09/19/23 07:25	09/19/23 11:05	EPA 3050B	1,6010D	DHL
Cadmium, Total	ND		mg/kg	0.845	0.083	2	09/19/23 07:25	09/19/23 11:05	EPA 3050B	1,6010D	DHL
Calcium, Total	6170		mg/kg	8.45	2.96	2	09/19/23 07:25	09/19/23 11:05	EPA 3050B	1,6010D	DHL
Chromium, Total	17.5		mg/kg	0.845	0.081	2	09/19/23 07:25	09/19/23 11:05	EPA 3050B	1,6010D	DHL
Cobalt, Total	6.57		mg/kg	1.69	0.140	2	09/19/23 07:25	09/19/23 11:05	EPA 3050B	1,6010D	DHL
Copper, Total	12.8		mg/kg	0.845	0.218	2	09/19/23 07:25	09/19/23 11:05	EPA 3050B	1,6010D	DHL
Iron, Total	17000		mg/kg	4.22	0.763	2	09/19/23 07:25	09/19/23 11:05	EPA 3050B	1,6010D	DHL
Lead, Total	4.71		mg/kg	4.22	0.226	2	09/19/23 07:25	09/19/23 11:05	EPA 3050B	1,6010D	DHL
Magnesium, Total	6180		mg/kg	8.45	1.30	2	09/19/23 07:25	09/19/23 11:05	EPA 3050B	1,6010D	DHL
Manganese, Total	204		mg/kg	0.845	0.134	2	09/19/23 07:25	09/19/23 11:05	EPA 3050B	1,6010D	DHL
Mercury, Total	ND		mg/kg	0.068	0.045	1	09/19/23 07:50	09/19/23 10:36	EPA 7471B	1,7471B	GMG
Nickel, Total	12.7		mg/kg	2.11	0.204	2	09/19/23 07:25	09/19/23 11:05	EPA 3050B	1,6010D	DHL
Potassium, Total	5270		mg/kg	211	12.2	2	09/19/23 07:25	09/19/23 11:05	EPA 3050B	1,6010D	DHL
Selenium, Total	ND		mg/kg	1.69	0.218	2	09/19/23 07:25	09/19/23 11:05	EPA 3050B	1,6010D	DHL
Silver, Total	ND		mg/kg	0.422	0.239	2	09/19/23 07:25	09/19/23 11:05	EPA 3050B	1,6010D	DHL
Sodium, Total	158	J	mg/kg	169	2.66	2	09/19/23 07:25	09/19/23 11:05	EPA 3050B	1,6010D	DHL
Thallium, Total	4.54		mg/kg	1.69	0.266	2	09/19/23 07:25	09/19/23 11:05	EPA 3050B	1,6010D	DHL
Vanadium, Total	24.9		mg/kg	0.845	0.172	2	09/19/23 07:25	09/19/23 11:05	EPA 3050B	1,6010D	DHL
Zinc, Total	38.8		mg/kg	4.22	0.248	2	09/19/23 07:25	09/19/23 11:05	EPA 3050B	1,6010D	DHL



Project Name: SUN VALLEY SITE**Lab Number:** L2354250**Project Number:** 12060 / PHASE 8**Report Date:** 09/22/23**SAMPLE RESULTS**

Lab ID: L2354250-09

Date Collected: 09/15/23 15:00

Client ID: COMP_A2(7-19)

Date Received: 09/15/23

Sample Location: OSSINING, NY

Field Prep: Not Specified

Sample Depth:

TCLP/SPLP Ext. Date: 09/16/23 17:56

Matrix: Soil

Percent Solids: 91%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
TCLP Metals by EPA 1311 - Mansfield Lab											
Arsenic, TCLP	ND		mg/l	1.00	0.0190	1	09/19/23 02:57	09/19/23 09:02	EPA 3015	1,6010D	DHL
Barium, TCLP	0.740		mg/l	0.500	0.0210	1	09/19/23 02:57	09/19/23 09:02	EPA 3015	1,6010D	DHL
Cadmium, TCLP	ND		mg/l	0.100	0.0100	1	09/19/23 02:57	09/19/23 09:02	EPA 3015	1,6010D	DHL
Chromium, TCLP	ND		mg/l	0.200	0.0210	1	09/19/23 02:57	09/19/23 09:02	EPA 3015	1,6010D	DHL
Lead, TCLP	ND		mg/l	0.500	0.0270	1	09/19/23 02:57	09/19/23 09:02	EPA 3015	1,6010D	DHL
Mercury, TCLP	ND		mg/l	0.0010	0.0005	1	09/19/23 02:50	09/21/23 15:26	EPA 7470A	1,7470A	GMG
Selenium, TCLP	ND		mg/l	0.500	0.0350	1	09/19/23 02:57	09/19/23 09:02	EPA 3015	1,6010D	DHL
Silver, TCLP	ND		mg/l	0.100	0.0280	1	09/19/23 02:57	09/19/23 09:02	EPA 3015	1,6010D	DHL



Project Name: SUN VALLEY SITE**Lab Number:** L2354250**Project Number:** 12060 / PHASE 8**Report Date:** 09/22/23**SAMPLE RESULTS**

Lab ID: L2354250-09

Date Collected: 09/15/23 15:00

Client ID: COMP_A2(7-19)

Date Received: 09/15/23

Sample Location: OSSINING, NY

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 91%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	10900		mg/kg	8.31	2.24	2	09/19/23 07:25	09/19/23 11:08	EPA 3050B	1,6010D	DHL
Antimony, Total	ND		mg/kg	4.16	0.316	2	09/19/23 07:25	09/19/23 11:08	EPA 3050B	1,6010D	DHL
Arsenic, Total	1.22		mg/kg	0.831	0.173	2	09/19/23 07:25	09/19/23 11:08	EPA 3050B	1,6010D	DHL
Barium, Total	148		mg/kg	0.831	0.145	2	09/19/23 07:25	09/19/23 11:08	EPA 3050B	1,6010D	DHL
Beryllium, Total	0.315	J	mg/kg	0.416	0.027	2	09/19/23 07:25	09/19/23 11:08	EPA 3050B	1,6010D	DHL
Cadmium, Total	ND		mg/kg	0.831	0.082	2	09/19/23 07:25	09/19/23 11:08	EPA 3050B	1,6010D	DHL
Calcium, Total	7950		mg/kg	8.31	2.91	2	09/19/23 07:25	09/19/23 11:08	EPA 3050B	1,6010D	DHL
Chromium, Total	20.8		mg/kg	0.831	0.080	2	09/19/23 07:25	09/19/23 11:08	EPA 3050B	1,6010D	DHL
Cobalt, Total	7.34		mg/kg	1.66	0.138	2	09/19/23 07:25	09/19/23 11:08	EPA 3050B	1,6010D	DHL
Copper, Total	14.1		mg/kg	0.831	0.214	2	09/19/23 07:25	09/19/23 11:08	EPA 3050B	1,6010D	DHL
Iron, Total	19000		mg/kg	4.16	0.751	2	09/19/23 07:25	09/19/23 11:08	EPA 3050B	1,6010D	DHL
Lead, Total	5.49		mg/kg	4.16	0.223	2	09/19/23 07:25	09/19/23 11:08	EPA 3050B	1,6010D	DHL
Magnesium, Total	6860		mg/kg	8.31	1.28	2	09/19/23 07:25	09/19/23 11:08	EPA 3050B	1,6010D	DHL
Manganese, Total	320		mg/kg	0.831	0.132	2	09/19/23 07:25	09/19/23 11:08	EPA 3050B	1,6010D	DHL
Mercury, Total	ND		mg/kg	0.071	0.046	1	09/19/23 07:50	09/19/23 10:39	EPA 7471B	1,7471B	GMG
Nickel, Total	14.2		mg/kg	2.08	0.201	2	09/19/23 07:25	09/19/23 11:08	EPA 3050B	1,6010D	DHL
Potassium, Total	6130		mg/kg	208	12.0	2	09/19/23 07:25	09/19/23 11:08	EPA 3050B	1,6010D	DHL
Selenium, Total	ND		mg/kg	1.66	0.214	2	09/19/23 07:25	09/19/23 11:08	EPA 3050B	1,6010D	DHL
Silver, Total	ND		mg/kg	0.416	0.235	2	09/19/23 07:25	09/19/23 11:08	EPA 3050B	1,6010D	DHL
Sodium, Total	161	J	mg/kg	166	2.62	2	09/19/23 07:25	09/19/23 11:08	EPA 3050B	1,6010D	DHL
Thallium, Total	4.94		mg/kg	1.66	0.262	2	09/19/23 07:25	09/19/23 11:08	EPA 3050B	1,6010D	DHL
Vanadium, Total	27.4		mg/kg	0.831	0.169	2	09/19/23 07:25	09/19/23 11:08	EPA 3050B	1,6010D	DHL
Zinc, Total	42.8		mg/kg	4.16	0.244	2	09/19/23 07:25	09/19/23 11:08	EPA 3050B	1,6010D	DHL



Project Name: SUN VALLEY SITE

Lab Number: L2354250

Project Number: 12060 / PHASE 8

Report Date: 09/22/23

Method Blank Analysis Batch Quality Control

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
TCLP Metals by EPA 1311 - Mansfield Lab for sample(s): 01,03,05,07,09 Batch: WG1828719-1										
Arsenic, TCLP	ND		mg/l	1.00	0.0190	1	09/19/23 02:57	09/19/23 07:10	1,6010D	DHL
Barium, TCLP	ND		mg/l	0.500	0.0210	1	09/19/23 02:57	09/19/23 07:10	1,6010D	DHL
Cadmium, TCLP	ND		mg/l	0.100	0.0100	1	09/19/23 02:57	09/19/23 07:10	1,6010D	DHL
Chromium, TCLP	ND		mg/l	0.200	0.0210	1	09/19/23 02:57	09/19/23 07:10	1,6010D	DHL
Lead, TCLP	ND		mg/l	0.500	0.0270	1	09/19/23 02:57	09/19/23 07:10	1,6010D	DHL
Selenium, TCLP	ND		mg/l	0.500	0.0350	1	09/19/23 02:57	09/19/23 07:10	1,6010D	DHL
Silver, TCLP	ND		mg/l	0.100	0.0280	1	09/19/23 02:57	09/19/23 07:10	1,6010D	DHL

Prep Information

Digestion Method: EPA 3015

TCLP/SPLP Extraction Date: 09/16/23 17:56

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
TCLP Metals by EPA 1311 - Mansfield Lab for sample(s): 01,03,05,07,09 Batch: WG1828721-1										
Mercury, TCLP	ND		mg/l	0.0010	0.0005	1	09/19/23 02:50	09/21/23 14:50	1,7470A	GMG

Prep Information

Digestion Method: EPA 7470A

TCLP/SPLP Extraction Date: 09/16/23 17:56

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 01,03,05,07,09 Batch: WG1829019-1										
Mercury, Total	ND		mg/kg	0.083	0.054	1	09/19/23 07:50	09/19/23 09:49	1,7471B	GMG

Prep Information

Digestion Method: EPA 7471B



Project Name: SUN VALLEY SITE

Lab Number: L2354250

Project Number: 12060 / PHASE 8

Report Date: 09/22/23

Method Blank Analysis Batch Quality Control

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 01,03,05,07,09 Batch: WG1829024-1										
Aluminum, Total	ND		mg/kg	4.00	1.08	1	09/19/23 07:25	09/19/23 10:00	1,6010D	DHL
Antimony, Total	ND		mg/kg	2.00	0.152	1	09/19/23 07:25	09/19/23 10:00	1,6010D	DHL
Arsenic, Total	ND		mg/kg	0.400	0.083	1	09/19/23 07:25	09/19/23 10:00	1,6010D	DHL
Barium, Total	ND		mg/kg	0.400	0.070	1	09/19/23 07:25	09/19/23 10:00	1,6010D	DHL
Beryllium, Total	ND		mg/kg	0.200	0.013	1	09/19/23 07:25	09/19/23 10:00	1,6010D	DHL
Cadmium, Total	ND		mg/kg	0.400	0.039	1	09/19/23 07:25	09/19/23 10:00	1,6010D	DHL
Calcium, Total	ND		mg/kg	4.00	1.40	1	09/19/23 07:25	09/19/23 10:00	1,6010D	DHL
Chromium, Total	ND		mg/kg	0.400	0.038	1	09/19/23 07:25	09/19/23 10:00	1,6010D	DHL
Cobalt, Total	ND		mg/kg	0.800	0.066	1	09/19/23 07:25	09/19/23 10:00	1,6010D	DHL
Copper, Total	ND		mg/kg	0.400	0.103	1	09/19/23 07:25	09/19/23 10:00	1,6010D	DHL
Iron, Total	ND		mg/kg	2.00	0.361	1	09/19/23 07:25	09/19/23 10:00	1,6010D	DHL
Lead, Total	ND		mg/kg	2.00	0.107	1	09/19/23 07:25	09/19/23 10:00	1,6010D	DHL
Magnesium, Total	ND		mg/kg	4.00	0.616	1	09/19/23 07:25	09/19/23 10:00	1,6010D	DHL
Manganese, Total	ND		mg/kg	0.400	0.064	1	09/19/23 07:25	09/19/23 10:00	1,6010D	DHL
Nickel, Total	ND		mg/kg	1.00	0.097	1	09/19/23 07:25	09/19/23 10:00	1,6010D	DHL
Potassium, Total	ND		mg/kg	100	5.76	1	09/19/23 07:25	09/19/23 10:00	1,6010D	DHL
Selenium, Total	ND		mg/kg	0.800	0.103	1	09/19/23 07:25	09/19/23 10:00	1,6010D	DHL
Silver, Total	ND		mg/kg	0.200	0.113	1	09/19/23 07:25	09/19/23 10:00	1,6010D	DHL
Sodium, Total	2.03	J	mg/kg	80.0	1.26	1	09/19/23 07:25	09/19/23 10:00	1,6010D	DHL
Thallium, Total	ND		mg/kg	0.800	0.126	1	09/19/23 07:25	09/19/23 10:00	1,6010D	DHL
Vanadium, Total	ND		mg/kg	0.400	0.081	1	09/19/23 07:25	09/19/23 10:00	1,6010D	DHL
Zinc, Total	ND		mg/kg	2.00	0.117	1	09/19/23 07:25	09/19/23 10:00	1,6010D	DHL

Prep Information

Digestion Method: EPA 3050B



Lab Control Sample Analysis

Batch Quality Control

Project Name: SUN VALLEY SITE

Project Number: 12060 / PHASE 8

Lab Number: L2354250

Report Date: 09/22/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
TCLP Metals by EPA 1311 - Mansfield Lab Associated sample(s): 01,03,05,07,09 Batch: WG1828719-2								
Arsenic, TCLP	105		-		75-125	-		20
Barium, TCLP	104		-		75-125	-		20
Cadmium, TCLP	102		-		75-125	-		20
Chromium, TCLP	100		-		75-125	-		20
Lead, TCLP	99		-		75-125	-		20
Selenium, TCLP	110		-		75-125	-		20
Silver, TCLP	101		-		75-125	-		20
TCLP Metals by EPA 1311 - Mansfield Lab Associated sample(s): 01,03,05,07,09 Batch: WG1828721-2								
Mercury, TCLP	102		-		80-120	-		
Total Metals - Mansfield Lab Associated sample(s): 01,03,05,07,09 Batch: WG1829019-2 SRM Lot Number: D119-540								
Mercury, Total	109		-		73-127	-		

Lab Control Sample Analysis

Batch Quality Control

Project Name: SUN VALLEY SITE

Project Number: 12060 / PHASE 8

Lab Number: L2354250

Report Date: 09/22/23

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01,03,05,07,09 Batch: WG1829024-2 SRM Lot Number: D119-540					
Aluminum, Total	83	-	48-152	-	
Antimony, Total	164	-	10-190	-	
Arsenic, Total	108	-	83-117	-	
Barium, Total	107	-	82-118	-	
Beryllium, Total	110	-	83-117	-	
Cadmium, Total	105	-	82-117	-	
Calcium, Total	102	-	81-118	-	
Chromium, Total	108	-	82-119	-	
Cobalt, Total	110	-	83-117	-	
Copper, Total	100	-	84-116	-	
Iron, Total	102	-	60-140	-	
Lead, Total	107	-	82-118	-	
Magnesium, Total	101	-	76-124	-	
Manganese, Total	103	-	82-118	-	
Nickel, Total	110	-	82-117	-	
Potassium, Total	100	-	70-130	-	
Selenium, Total	111	-	79-121	-	
Silver, Total	110	-	80-120	-	
Sodium, Total	106	-	74-126	-	
Thallium, Total	107	-	81-119	-	
Vanadium, Total	104	-	79-121	-	

Lab Control Sample Analysis
Batch Quality Control**Project Name:** SUN VALLEY SITE**Project Number:** 12060 / PHASE 8**Lab Number:** L2354250**Report Date:** 09/22/23

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01,03,05,07,09 Batch: WG1829024-2 SRM Lot Number: D119-540					
Zinc, Total	111	-	80-120	-	

Matrix Spike Analysis **Batch Quality Control**

Project Name: SUN VALLEY SITE
Project Number: 12060 / PHASE 8

Lab Number: L2354250
Report Date: 09/22/23

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	MSD Qual	MSD Found	MSD %Recovery	MSD Qual	Recovery Limits	RPD	RPD Qual	RPD Limits
TCLP Metals by EPA 1311 - Mansfield Lab Associated sample(s): 01,03,05,07,09 QC Batch ID: WG1828719-3 QC Sample: L2354197-01 Client ID: MS Sample												
Arsenic, TCLP	ND	1.2	1.27	106	-	-	-	-	75-125	-	-	20
Barium, TCLP	0.300J	20	20.9	104	-	-	-	-	75-125	-	-	20
Cadmium, TCLP	0.014J	0.53	0.544	103	-	-	-	-	75-125	-	-	20
Chromium, TCLP	0.053J	2	2.01	100	-	-	-	-	75-125	-	-	20
Lead, TCLP	0.519	5.3	5.69	98	-	-	-	-	75-125	-	-	20
Selenium, TCLP	ND	1.2	1.32	110	-	-	-	-	75-125	-	-	20
Silver, TCLP	ND	0.5	0.498	100	-	-	-	-	75-125	-	-	20
TCLP Metals by EPA 1311 - Mansfield Lab Associated sample(s): 01,03,05,07,09 QC Batch ID: WG1828721-3 QC Sample: L2354250-01 Client ID: COMP_A1(0-7)												
Mercury, TCLP	ND	0.025	0.0230	92	-	-	-	-	75-125	-	-	20
Total Metals - Mansfield Lab Associated sample(s): 01,03,05,07,09 QC Batch ID: WG1829019-3 QC Sample: L2354615-01 Client ID: MS Sample												
Mercury, Total	ND	1.5	1.60	107	-	-	-	-	80-120	-	-	20

Matrix Spike Analysis **Batch Quality Control**

Project Name: SUN VALLEY SITE
Project Number: 12060 / PHASE 8

Lab Number: L2354250
Report Date: 09/22/23

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	MSD Found	MSD %Recovery	Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01,03,05,07,09 QC Batch ID: WG1829024-3 QC Sample: L2354615-01 Client ID: MS Sample									
Aluminum, Total	6870	185	7710	454	Q	-	75-125	-	20
Antimony, Total	ND	46.2	41.7	90		-	75-125	-	20
Arsenic, Total	2.44	11.1	14.2	106		-	75-125	-	20
Barium, Total	28.7	185	202	94		-	75-125	-	20
Beryllium, Total	0.286	4.62	4.66	95		-	75-125	-	20
Cadmium, Total	ND	4.9	4.17	85		-	75-125	-	20
Calcium, Total	2200	924	2880	74	Q	-	75-125	-	20
Chromium, Total	11.4	18.5	28.1	90		-	75-125	-	20
Cobalt, Total	3.40	46.2	43.6	87		-	75-125	-	20
Copper, Total	12.4	23.1	34.3	95		-	75-125	-	20
Iron, Total	11600	92.4	11800	216	Q	-	75-125	-	20
Lead, Total	8.34	49	57.3	100		-	75-125	-	20
Magnesium, Total	1530	924	2560	111		-	75-125	-	20
Manganese, Total	165	46.2	234	149	Q	-	75-125	-	20
Nickel, Total	7.18	46.2	46.6	85		-	75-125	-	20
Potassium, Total	390	924	1290	97		-	75-125	-	20
Selenium, Total	0.206J	11.1	11.2	101		-	75-125	-	20
Silver, Total	0.167J	4.62	4.63	100		-	75-125	-	20
Sodium, Total	162	924	1040	95		-	75-125	-	20
Thallium, Total	0.793J	11.1	11.7	105		-	75-125	-	20
Vanadium, Total	18.1	46.2	59.2	89		-	75-125	-	20

Matrix Spike Analysis

Batch Quality Control

Project Name: SUN VALLEY SITE
Project Number: 12060 / PHASE 8

Lab Number: L2354250
Report Date: 09/22/23

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	MSD Found	MSD %Recovery	Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01,03,05,07,09 QC Batch ID: WG1829024-3 QC Sample: L2354615-01 Client ID: MS Sample									
Zinc, Total	35.4	46.2	85.3	108	-	-	75-125	-	20

Lab Duplicate Analysis *Batch Quality Control*

Project Name: SUN VALLEY SITE
Project Number: 12060 / PHASE 8

Lab Number: L2354250
Report Date: 09/22/23

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
TCLP Metals by EPA 1311 - Mansfield Lab Associated sample(s): 01,03,05,07,09 QC Batch ID: WG1828719-4 QC Sample: L2354197-01 Client ID: DUP Sample						
Lead, TCLP	0.519	0.501	mg/l	4		20
TCLP Metals by EPA 1311 - Mansfield Lab Associated sample(s): 01,03,05,07,09 QC Batch ID: WG1828721-4 QC Sample: L2354250-01 Client ID: COMP_A1(0-7)						
Mercury, TCLP	ND	ND	mg/l	NC		20
Total Metals - Mansfield Lab Associated sample(s): 01,03,05,07,09 QC Batch ID: WG1829019-4 QC Sample: L2354615-01 Client ID: DUP Sample						
Mercury, Total	ND	ND	mg/kg	NC		20

Lab Duplicate Analysis *Batch Quality Control*

Project Name: SUN VALLEY SITE

Project Number: 12060 / PHASE 8

Lab Number: L2354250

Report Date: 09/22/23

Parameter	Native Sample	Duplicate Sample	Units	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01,03,05,07,09 QC Batch ID: WG1829024-4 QC Sample: L2354615-01 Client ID: DUP Sample					
Aluminum, Total	6870	6430	mg/kg	7	20
Antimony, Total	ND	ND	mg/kg	NC	20
Arsenic, Total	2.44	2.55	mg/kg	4	20
Barium, Total	28.7	27.2	mg/kg	5	20
Beryllium, Total	0.286	0.269	mg/kg	6	20
Cadmium, Total	ND	ND	mg/kg	NC	20
Chromium, Total	11.4	12.4	mg/kg	8	20
Cobalt, Total	3.40	3.92	mg/kg	14	20
Copper, Total	12.4	14.2	mg/kg	14	20
Lead, Total	8.34	8.76	mg/kg	5	20
Manganese, Total	165	180	mg/kg	9	20
Nickel, Total	7.18	8.79	mg/kg	20	20
Selenium, Total	0.206J	ND	mg/kg	NC	20
Silver, Total	0.167J	0.169J	mg/kg	NC	20
Thallium, Total	0.793J	1.05	mg/kg	NC	20
Vanadium, Total	18.1	19.3	mg/kg	6	20
Zinc, Total	35.4	40.8	mg/kg	14	20

Project Name: SUN VALLEY SITE
Project Number: 12060 / PHASE 8

**Lab Serial Dilution
 Analysis
 Batch Quality Control**

Lab Number: L2354250
Report Date: 09/22/23

Parameter	Native Sample	Serial Dilution	Units	% D	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01,03,05,07,09 QC Batch ID: WG1829024-6 QC Sample: L2354615-01 Client ID: DUP Sample						
Aluminum, Total	6870	7930	mg/kg	15		20
Barium, Total	28.7	33.2	mg/kg	16		20
Chromium, Total	11.4	14.7	mg/kg	29	Q	20
Copper, Total	12.4	15.1	mg/kg	22	Q	20
Manganese, Total	165	196	mg/kg	19		20
Vanadium, Total	18.1	23.1	mg/kg	28	Q	20

INORGANICS & MISCELLANEOUS

Project Name: SUN VALLEY SITE
Project Number: 12060 / PHASE 8

Lab Number: L2354250
Report Date: 09/22/23

SAMPLE RESULTS

Lab ID: L2354250-01
Client ID: COMP_A1(0-7)
Sample Location: OSSINING, NY

Date Collected: 09/15/23 09:40
Date Received: 09/15/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Test Material Information

Source of Material: Unknown
Description of Material: Non-Metallic - Dry Clay
Particle Size: Medium
Preliminary Burning Time (sec): 120

Parameter	Result	Date Analyzed	Analytical Method	Analyst
Ignitability of Solids - Westborough Lab				
Ignitability	NI	09/21/23 15:22	1,1030	GEF



Project Name: SUN VALLEY SITE
Project Number: 12060 / PHASE 8

Lab Number: L2354250
Report Date: 09/22/23

SAMPLE RESULTS

Lab ID: L2354250-03
Client ID: COMP_A1(7-14)
Sample Location: OSSINING, NY

Date Collected: 09/15/23 10:40
Date Received: 09/15/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Test Material Information

Source of Material: Unknown
Description of Material: Non-Metallic - Dry Clay
Particle Size: Medium
Preliminary Burning Time (sec): 120

Parameter	Result	Date Analyzed	Analytical Method	Analyst
Ignitability of Solids - Westborough Lab				
Ignitability	NI	09/21/23 15:22	1,1030	GEF



Project Name: SUN VALLEY SITE
Project Number: 12060 / PHASE 8

Lab Number: L2354250
Report Date: 09/22/23

SAMPLE RESULTS

Lab ID: L2354250-05
Client ID: COMP_A1(14-20)
Sample Location: OSSINING, NY

Date Collected: 09/15/23 10:45
Date Received: 09/15/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Test Material Information

Source of Material: Unknown
Description of Material: Non-Metallic - Damp Clay
Particle Size: Medium
Preliminary Burning Time (sec): 120

Parameter	Result	Date Analyzed	Analytical Method	Analyst
Ignitability of Solids - Westborough Lab				
Ignitability	NI	09/21/23 15:22	1,1030	GEF



Project Name: SUN VALLEY SITE
Project Number: 12060 / PHASE 8

Lab Number: L2354250
Report Date: 09/22/23

SAMPLE RESULTS

Lab ID: L2354250-07
Client ID: COMP_A2(0-7)
Sample Location: OSSINING, NY

Date Collected: 09/15/23 15:00
Date Received: 09/15/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Test Material Information

Source of Material: Unknown
Description of Material: Non-Metallic - Damp Soil
Particle Size: Medium
Preliminary Burning Time (sec): 120

Parameter	Result	Date Analyzed	Analytical Method	Analyst
Ignitability of Solids - Westborough Lab				
Ignitability	NI	09/21/23 15:22	1,1030	GEF



Project Name: SUN VALLEY SITE
Project Number: 12060 / PHASE 8

Lab Number: L2354250
Report Date: 09/22/23

SAMPLE RESULTS

Lab ID: L2354250-09
Client ID: COMP_A2(7-19)
Sample Location: OSSINING, NY

Date Collected: 09/15/23 15:00
Date Received: 09/15/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Test Material Information

Source of Material: Unknown
Description of Material: Non-Metallic - Wet Clay
Particle Size: Medium
Preliminary Burning Time (sec): 120

Parameter	Result	Date Analyzed	Analytical Method	Analyst
Ignitability of Solids - Westborough Lab				
Ignitability	NI	09/21/23 15:22	1,1030	GEF



Project Name: SUN VALLEY SITE
Project Number: 12060 / PHASE 8

Lab Number: L2354250
Report Date: 09/22/23

SAMPLE RESULTS

Lab ID: L2354250-01
Client ID: COMP_A1(0-7)
Sample Location: OSSINING, NY

Date Collected: 09/15/23 09:40
Date Received: 09/15/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	94.6		%	0.100	NA	1	-	09/16/23 12:04	121,2540G	ROI
Cyanide, Total	ND		mg/kg	1.0	0.22	1	09/19/23 09:50	09/19/23 15:08	1,9010C/9012B	JER
pH (H)	8.43		SU	-	NA	1	-	09/19/23 07:24	1,9045D	JBB
Chromium, Hexavalent	0.190	J	mg/kg	0.846	0.169	1	09/20/23 12:27	09/20/23 22:50	1,7196A	WMT
Cyanide, Reactive	ND		mg/kg	10	10.	1	09/19/23 14:23	09/19/23 16:04	125,7.3	JLB
Sulfide, Reactive	ND		mg/kg	10	10.	1	09/19/23 14:23	09/19/23 17:09	125,7.3	JLB
Paint Filter Liquid	Negative		-	0	NA	1	-	09/18/23 21:50	1,9095B	AAS



Project Name: SUN VALLEY SITE**Project Number:** 12060 / PHASE 8**Lab Number:** L2354250**Report Date:** 09/22/23**SAMPLE RESULTS****Lab ID:** L2354250-02**Client ID:** GRAB_A1(0.5-1)**Sample Location:** OSSINING, NY**Date Collected:** 09/15/23 09:40**Date Received:** 09/15/23**Field Prep:** Not Specified**Sample Depth:****Matrix:** Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	94.6		%	0.100	NA	1	-	09/16/23 12:04	121,2540G	ROI



Project Name: SUN VALLEY SITE
Project Number: 12060 / PHASE 8

Lab Number: L2354250
Report Date: 09/22/23

SAMPLE RESULTS

Lab ID: L2354250-03
Client ID: COMP_A1(7-14)
Sample Location: OSSINING, NY

Date Collected: 09/15/23 10:40
Date Received: 09/15/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	94.4		%	0.100	NA	1	-	09/16/23 12:04	121,2540G	ROI
Cyanide, Total	ND		mg/kg	1.0	0.22	1	09/19/23 09:50	09/19/23 15:09	1,9010C/9012B	JER
pH (H)	8.46		SU	-	NA	1	-	09/19/23 07:24	1,9045D	JBB
Chromium, Hexavalent	ND		mg/kg	0.847	0.169	1	09/20/23 12:27	09/20/23 22:50	1,7196A	WMT
Cyanide, Reactive	ND		mg/kg	10	10.	1	09/19/23 14:23	09/19/23 16:04	125,7.3	JLB
Sulfide, Reactive	ND		mg/kg	10	10.	1	09/19/23 14:23	09/19/23 17:09	125,7.3	JLB
Paint Filter Liquid	Negative		-	0	NA	1	-	09/18/23 21:50	1,9095B	AAS



Project Name: SUN VALLEY SITE**Project Number:** 12060 / PHASE 8**Lab Number:** L2354250**Report Date:** 09/22/23**SAMPLE RESULTS****Lab ID:** L2354250-04**Client ID:** GRAB_A1(7-7.5)**Sample Location:** OSSINING, NY**Date Collected:** 09/15/23 10:40**Date Received:** 09/15/23**Field Prep:** Not Specified**Sample Depth:****Matrix:** Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	94.4		%	0.100	NA	1	-	09/16/23 12:04	121,2540G	ROI



Project Name: SUN VALLEY SITE
Project Number: 12060 / PHASE 8

Lab Number: L2354250
Report Date: 09/22/23

SAMPLE RESULTS

Lab ID: L2354250-05
Client ID: COMP_A1(14-20)
Sample Location: OSSINING, NY

Date Collected: 09/15/23 10:45
Date Received: 09/15/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	93.2		%	0.100	NA	1	-	09/16/23 12:04	121,2540G	ROI
Cyanide, Total	ND		mg/kg	1.0	0.21	1	09/19/23 09:50	09/19/23 15:10	1,9010C/9012B	JER
pH (H)	8.33		SU	-	NA	1	-	09/19/23 07:24	1,9045D	JBB
Chromium, Hexavalent	0.193	J	mg/kg	0.858	0.172	1	09/20/23 12:27	09/20/23 22:50	1,7196A	WMT
Cyanide, Reactive	ND		mg/kg	10	10.	1	09/19/23 14:23	09/19/23 16:04	125,7.3	JLB
Sulfide, Reactive	ND		mg/kg	10	10.	1	09/19/23 14:23	09/19/23 17:09	125,7.3	JLB
Paint Filter Liquid	Negative		-	0	NA	1	-	09/18/23 21:50	1,9095B	AAS



Project Name: SUN VALLEY SITE**Project Number:** 12060 / PHASE 8**Lab Number:** L2354250**Report Date:** 09/22/23**SAMPLE RESULTS****Lab ID:** L2354250-06**Client ID:** GRAB_A1(17-17.5)**Sample Location:** OSSINING, NY**Date Collected:** 09/15/23 10:45**Date Received:** 09/15/23**Field Prep:** Not Specified**Sample Depth:****Matrix:** Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	93.2		%	0.100	NA	1	-	09/16/23 12:04	121,2540G	ROI



Project Name: SUN VALLEY SITE
Project Number: 12060 / PHASE 8

Lab Number: L2354250
Report Date: 09/22/23

SAMPLE RESULTS

Lab ID: L2354250-07
Client ID: COMP_A2(0-7)
Sample Location: OSSINING, NY

Date Collected: 09/15/23 15:00
Date Received: 09/15/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	91.6		%	0.100	NA	1	-	09/16/23 12:04	121,2540G	ROI
Cyanide, Total	ND		mg/kg	1.0	0.21	1	09/19/23 09:50	09/19/23 15:13	1,9010C/9012B	JER
pH (H)	8.50		SU	-	NA	1	-	09/19/23 07:24	1,9045D	JBB
Chromium, Hexavalent	ND		mg/kg	0.873	0.175	1	09/20/23 12:27	09/20/23 22:50	1,7196A	WMT
Cyanide, Reactive	ND		mg/kg	10	10.	1	09/19/23 14:23	09/19/23 16:04	125,7.3	JLB
Sulfide, Reactive	ND		mg/kg	10	10.	1	09/19/23 14:23	09/19/23 17:09	125,7.3	JLB
Paint Filter Liquid	Negative		-	0	NA	1	-	09/18/23 21:50	1,9095B	AAS



Project Name: SUN VALLEY SITE**Project Number:** 12060 / PHASE 8**Lab Number:** L2354250**Report Date:** 09/22/23**SAMPLE RESULTS****Lab ID:** L2354250-08**Client ID:** GRAB_A2(5.0-5.5)**Sample Location:** OSSINING, NY**Date Collected:** 09/15/23 14:50**Date Received:** 09/15/23**Field Prep:** Not Specified**Sample Depth:****Matrix:** Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	91.6		%	0.100	NA	1	-	09/16/23 12:04	121,2540G	ROI



Project Name: SUN VALLEY SITE
Project Number: 12060 / PHASE 8

Lab Number: L2354250
Report Date: 09/22/23

SAMPLE RESULTS

Lab ID: L2354250-09
Client ID: COMP_A2(7-19)
Sample Location: OSSINING, NY

Date Collected: 09/15/23 15:00
Date Received: 09/15/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	91.0		%	0.100	NA	1	-	09/16/23 12:04	121,2540G	ROI
Cyanide, Total	ND		mg/kg	1.0	0.22	1	09/19/23 09:50	09/19/23 15:32	1,9010C/9012B	JER
pH (H)	8.37		SU	-	NA	1	-	09/19/23 07:24	1,9045D	JBB
Chromium, Hexavalent	ND		mg/kg	0.879	0.176	1	09/20/23 12:27	09/20/23 22:50	1,7196A	WMT
Cyanide, Reactive	ND		mg/kg	10	10.	1	09/19/23 14:23	09/19/23 16:04	125,7.3	JLB
Sulfide, Reactive	ND		mg/kg	10	10.	1	09/19/23 14:23	09/19/23 17:10	125,7.3	JLB
Paint Filter Liquid	Negative		-	0	NA	1	-	09/18/23 21:50	1,9095B	AAS



Project Name: SUN VALLEY SITE**Project Number:** 12060 / PHASE 8**Lab Number:** L2354250**Report Date:** 09/22/23**SAMPLE RESULTS****Lab ID:** L2354250-10**Client ID:** GRAB_A2(15-15.5)**Sample Location:** OSSINING, NY**Date Collected:** 09/15/23 14:55**Date Received:** 09/15/23**Field Prep:** Not Specified**Sample Depth:****Matrix:** Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	91.0		%	0.100	NA	1	-	09/16/23 12:04	121,2540G	ROI



Project Name: SUN VALLEY SITE

Lab Number: L2354250

Project Number: 12060 / PHASE 8

Report Date: 09/22/23

Method Blank Analysis Batch Quality Control

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab for sample(s): 01,03,05,07 Batch: WG1829083-1										
Cyanide, Total	ND		mg/kg	0.93	0.20	1	09/19/23 09:50	09/19/23 15:01	1,9010C/9012B	JER
General Chemistry - Westborough Lab for sample(s): 09 Batch: WG1829085-1										
Cyanide, Total	ND		mg/kg	0.93	0.20	1	09/19/23 09:50	09/19/23 15:01	1,9010C/9012B	JER
General Chemistry - Westborough Lab for sample(s): 01,03,05,07,09 Batch: WG1829167-1										
Cyanide, Reactive	ND		mg/kg	10	10.	1	09/19/23 14:23	09/19/23 15:59	125,7.3	JLB
General Chemistry - Westborough Lab for sample(s): 01,03,05,07,09 Batch: WG1829169-1										
Sulfide, Reactive	ND		mg/kg	10	10.	1	09/19/23 14:23	09/19/23 16:57	125,7.3	JLB
General Chemistry - Westborough Lab for sample(s): 01,03,05,07,09 Batch: WG1829699-1										
Chromium, Hexavalent	ND		mg/kg	0.800	0.160	1	09/20/23 12:27	09/20/23 22:50	1,7196A	WMT

Lab Control Sample Analysis

Batch Quality Control

Project Name: SUN VALLEY SITE
Project Number: 12060 / PHASE 8

Lab Number: L2354250
Report Date: 09/22/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01,03,05,07,09 Batch: WG1828958-1								
pH	100		-		99-101	-		
General Chemistry - Westborough Lab Associated sample(s): 01,03,05,07 Batch: WG1829083-2 WG1829083-3								
Cyanide, Total	136	Q	131	Q	80-120	9		35
General Chemistry - Westborough Lab Associated sample(s): 09 Batch: WG1829085-2 WG1829085-3								
Cyanide, Total	136	Q	131	Q	80-120	9		35
General Chemistry - Westborough Lab Associated sample(s): 01,03,05,07,09 Batch: WG1829167-2								
Cyanide, Reactive	99		-		30-125	-		40
General Chemistry - Westborough Lab Associated sample(s): 01,03,05,07,09 Batch: WG1829169-2								
Sulfide, Reactive	78		-		60-125	-		40
General Chemistry - Westborough Lab Associated sample(s): 01,03,05,07,09 Batch: WG1829699-2								
Chromium, Hexavalent	86		-		80-120	-		20

Matrix Spike Analysis **Batch Quality Control**

Project Name: SUN VALLEY SITE
Project Number: 12060 / PHASE 8

Lab Number: L2354250
Report Date: 09/22/23

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01,03,05,07 QC Batch ID: WG1829083-4 WG1829083-5 QC Sample: L2354424-01 Client ID: MS Sample												
Cyanide, Total	ND	11	17	150	Q	16	140	Q	75-125	6		35
General Chemistry - Westborough Lab Associated sample(s): 09 QC Batch ID: WG1829085-4 WG1829085-5 QC Sample: L2354249-01 Client ID: MS Sample												
Cyanide, Total	ND	10	16	150	Q	15	150	Q	75-125	0		35
General Chemistry - Westborough Lab Associated sample(s): 01,03,05,07,09 QC Batch ID: WG1829699-4 QC Sample: L2354250-07 Client ID: COMP_A2(0-7)												
Chromium, Hexavalent	ND	1200	1180	99		-	-		75-125	-		20

Lab Duplicate Analysis *Batch Quality Control*

Project Name: SUN VALLEY SITE

Project Number: 12060 / PHASE 8

Lab Number: L2354250

Report Date: 09/22/23

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01-10 QC Batch ID: WG1828249-1 QC Sample: L2354093-01 Client ID: DUP Sample						
Solids, Total	73.8	85.6	%	15		20
General Chemistry - Westborough Lab Associated sample(s): 01,03,05,07,09 QC Batch ID: WG1828958-2 QC Sample: L2354250-09 Client ID: COMP_A2(7-19)						
pH (H)	8.37	8.31	SU	1		5
General Chemistry - Westborough Lab Associated sample(s): 01,03,05,07,09 QC Batch ID: WG1829167-3 QC Sample: L2354473-01 Client ID: DUP Sample						
Cyanide, Reactive	ND	ND	mg/kg	NC		40
General Chemistry - Westborough Lab Associated sample(s): 01,03,05,07,09 QC Batch ID: WG1829169-3 QC Sample: L2354473-01 Client ID: DUP Sample						
Sulfide, Reactive	ND	ND	mg/kg	NC		40
General Chemistry - Westborough Lab Associated sample(s): 01,03,05,07,09 QC Batch ID: WG1829699-6 QC Sample: L2354250-07 Client ID: COMP_A2(0-7)						
Chromium, Hexavalent	ND	ND	mg/kg	NC		20

Project Name: SUN VALLEY SITE**Lab Number:** L2354250**Project Number:** 12060 / PHASE 8**Report Date:** 09/22/23**Sample Receipt and Container Information**

Were project specific reporting limits specified?

YES

Cooler Information

Cooler	Custody Seal
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A	Absent
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B	Absent
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C	Absent
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Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2354250-01A	Metals Only-Glass 60mL/2oz unpreserved	C	NA		4.2	Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),AL-TI(180),TL-TI(180),CR-TI(180),NI-TI(180),PB-TI(180),SB-TI(180),CU-TI(180),SE-TI(180),ZN-TI(180),V-TI(180),CO-TI(180),MN-TI(180),FE-TI(180),MG-TI(180),HG-T(28),CA-TI(180),K-TI(180),CD-TI(180),NA-TI(180)
L2354250-01B	Glass 120ml/4oz unpreserved	C	NA		4.2	Y	Absent		IGNIT-1030(14),TCN-9010(14),NYTCL-8270(14),NJEPH-TPH-CAT2(14),REACTS(14),HERB-APA(14),PH-9045(1),NYTCL-8081(14),PAINTF(),NYTCL-8082(365),REACTCN(14),HEXCR-7196(30)
L2354250-01C	Plastic 2oz unpreserved for TS	C	NA		4.2	Y	Absent		TS(7)
L2354250-01D	Glass 500ml/16oz unpreserved	C	NA		4.2	Y	Absent		IGNIT-1030(14),TCN-9010(14),NYTCL-8270(14),NJEPH-TPH-CAT2(14),REACTS(14),HERB-APA(14),PH-9045(1),NYTCL-8081(14),PAINTF(),NYTCL-8082(365),REACTCN(14),HEXCR-7196(30)
L2354250-01E	Glass 500ml/16oz unpreserved	C	NA		4.2	Y	Absent		IGNIT-1030(14),TCN-9010(14),NYTCL-8270(14),NJEPH-TPH-CAT2(14),REACTS(14),HERB-APA(14),PH-9045(1),NYTCL-8081(14),PAINTF(),NYTCL-8082(365),REACTCN(14),HEXCR-7196(30)
L2354250-01X	Plastic 120ml HNO3 preserved Extracts	C	NA		4.2	Y	Absent		CD-CI(180),AS-CI(180),BA-CI(180),HG-C(28),PB-CI(180),CR-CI(180),SE-CI(180),AG-CI(180)
L2354250-01X9	Tumble Vessel	C	NA		4.2	Y	Absent		-
L2354250-02A	5 gram Encore Sampler	C	NA		4.2	Y	Absent		NYTCL-8260H(14),NYTCL-8260HLW(14)
L2354250-02B	5 gram Encore Sampler	C	NA		4.2	Y	Absent		NYTCL-8260H(14),NYTCL-8260HLW(14)
L2354250-02C	5 gram Encore Sampler	C	NA		4.2	Y	Absent		NYTCL-8260H(14),NYTCL-8260HLW(14)
L2354250-02X	Vial MeOH preserved split	C	NA		4.2	Y	Absent		NYTCL-8260H(14),NYTCL-8260HLW(14)
L2354250-02Y	Vial Water preserved split	C	NA		4.2	Y	Absent	16-SEP-23 09:47	NYTCL-8260H(14),NYTCL-8260HLW(14)

Project Name: SUN VALLEY SITE**Lab Number:** L2354250**Project Number:** 12060 / PHASE 8**Report Date:** 09/22/23**Container Information**

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2354250-02Z	Vial Water preserved split	C	NA		4.2	Y	Absent	16-SEP-23 09:47	NYTCL-8260H(14),NYTCL-8260HLW(14)
L2354250-03A	Metals Only-Glass 60mL/2oz unpreserved	C	NA		4.2	Y	Absent		BE-Ti(180),AS-Ti(180),BA-Ti(180),AG-Ti(180),AL-Ti(180),CR-Ti(180),TL-Ti(180),NI-Ti(180),SE-Ti(180),CU-Ti(180),SB-Ti(180),PB-Ti(180),ZN-Ti(180),CO-Ti(180),V-Ti(180),FE-Ti(180),MG-Ti(180),HG-T(28),MN-Ti(180),NA-Ti(180),CA-Ti(180),K-Ti(180),CD-Ti(180)
L2354250-03B	Glass 120ml/4oz unpreserved	C	NA		4.2	Y	Absent		TCN-9010(14),IGNIT-1030(14),NJEPH-TPH-CAT2(14),NYTCL-8270(14),REACTS(14),HERB-APA(14),PH-9045(1),NYTCL-8081(14),PAINTF(),REACTCN(14),NYTCL-8082(365),HEXCR-7196(30)
L2354250-03C	Plastic 2oz unpreserved for TS	C	NA		4.2	Y	Absent		TS(7)
L2354250-03D	Glass 500ml/16oz unpreserved	C	NA		4.2	Y	Absent		TCN-9010(14),IGNIT-1030(14),NJEPH-TPH-CAT2(14),NYTCL-8270(14),REACTS(14),HERB-APA(14),PH-9045(1),NYTCL-8081(14),PAINTF(),REACTCN(14),NYTCL-8082(365),HEXCR-7196(30)
L2354250-03E	Glass 500ml/16oz unpreserved	C	NA		4.2	Y	Absent		TCN-9010(14),IGNIT-1030(14),NJEPH-TPH-CAT2(14),NYTCL-8270(14),REACTS(14),HERB-APA(14),PH-9045(1),NYTCL-8081(14),PAINTF(),REACTCN(14),NYTCL-8082(365),HEXCR-7196(30)
L2354250-03X	Plastic 120ml HNO3 preserved Extracts	C	NA		4.2	Y	Absent		CD-CI(180),AS-CI(180),BA-CI(180),HG-C(28),PB-CI(180),SE-CI(180),CR-CI(180),AG-CI(180)
L2354250-03X9	Tumble Vessel	C	NA		4.2	Y	Absent		-
L2354250-04A	5 gram Encore Sampler	C	NA		4.2	Y	Absent		NYTCL-8260HLW(14)
L2354250-04B	5 gram Encore Sampler	C	NA		4.2	Y	Absent		NYTCL-8260HLW(14)
L2354250-04C	5 gram Encore Sampler	C	NA		4.2	Y	Absent		NYTCL-8260HLW(14)
L2354250-04X	Vial MeOH preserved split	C	NA		4.2	Y	Absent		NYTCL-8260HLW(14)
L2354250-04Y	Vial Water preserved split	C	NA		4.2	Y	Absent	16-SEP-23 09:47	NYTCL-8260HLW(14)
L2354250-04Z	Vial Water preserved split	C	NA		4.2	Y	Absent	16-SEP-23 09:47	NYTCL-8260HLW(14)
L2354250-05A	Metals Only-Glass 60mL/2oz unpreserved	C	NA		4.2	Y	Absent		BE-Ti(180),AS-Ti(180),BA-Ti(180),AG-Ti(180),AL-Ti(180),CR-Ti(180),NI-Ti(180),TL-Ti(180),CU-Ti(180),PB-Ti(180),ZN-Ti(180),SB-Ti(180),SE-Ti(180),CO-Ti(180),V-Ti(180),FE-Ti(180),MG-Ti(180),MN-Ti(180),HG-T(28),CD-Ti(180),CA-Ti(180),NA-Ti(180),K-Ti(180)

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Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2354250-05B	Glass 120ml/4oz unpreserved	C	NA		4.2	Y	Absent		NYTCL-8270(14),REACTS(14),NJEPH-TPH-CAT2(14),TCN-9010(14),IGNIT-1030(14),HERB-APA(14),PH-9045(1),PAINTF(),NYTCL-8081(14),NYTCL-8082(365),REACTCN(14),HEXCR-7196(30)
L2354250-05C	Plastic 2oz unpreserved for TS	C	NA		4.2	Y	Absent		TS(7)
L2354250-05D	Glass 500ml/16oz unpreserved	C	NA		4.2	Y	Absent		NYTCL-8270(14),REACTS(14),NJEPH-TPH-CAT2(14),TCN-9010(14),IGNIT-1030(14),HERB-APA(14),PH-9045(1),PAINTF(),NYTCL-8081(14),NYTCL-8082(365),REACTCN(14),HEXCR-7196(30)
L2354250-05E	Glass 500ml/16oz unpreserved	C	NA		4.2	Y	Absent		NYTCL-8270(14),REACTS(14),NJEPH-TPH-CAT2(14),TCN-9010(14),IGNIT-1030(14),HERB-APA(14),PH-9045(1),PAINTF(),NYTCL-8081(14),NYTCL-8082(365),REACTCN(14),HEXCR-7196(30)
L2354250-05X	Plastic 120ml HNO3 preserved Extracts	C	NA		4.2	Y	Absent		CD-CI(180),AS-CI(180),BA-CI(180),HG-C(28),PB-CI(180),CR-CI(180),SE-CI(180),AG-CI(180)
L2354250-05X9	Tumble Vessel	C	NA		4.2	Y	Absent		-
L2354250-06A	5 gram Encore Sampler	C	NA		4.2	Y	Absent		NYTCL-8260HLW(14)
L2354250-06B	5 gram Encore Sampler	C	NA		4.2	Y	Absent		NYTCL-8260HLW(14)
L2354250-06C	5 gram Encore Sampler	C	NA		4.2	Y	Absent		NYTCL-8260HLW(14)
L2354250-06X	Vial MeOH preserved split	C	NA		4.2	Y	Absent		NYTCL-8260HLW(14)
L2354250-06Y	Vial Water preserved split	C	NA		4.2	Y	Absent	16-SEP-23 09:47	NYTCL-8260HLW(14)
L2354250-06Z	Vial Water preserved split	C	NA		4.2	Y	Absent	16-SEP-23 09:47	NYTCL-8260HLW(14)
L2354250-07A	Metals Only-Glass 60mL/2oz unpreserved	A	NA		2.8	Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),CR-TI(180),AL-TI(180),NI-TI(180),TL-TI(180),SB-TI(180),ZN-TI(180),PB-TI(180),SE-TI(180),CU-TI(180),CO-TI(180),V-TI(180),MG-TI(180),FE-TI(180),MN-TI(180),HG-T(28),CA-TI(180),NA-TI(180),CD-TI(180),K-TI(180)
L2354250-07B	Glass 120ml/4oz unpreserved	A	NA		2.8	Y	Absent		TCN-9010(14),NYTCL-8270(14),IGNIT-1030(14),REACTS(14),NJEPH-TPH-CAT2(14),HERB-APA(14),PH-9045(1),PAINTF(),NYTCL-8081(14),NYTCL-8082(365),REACTCN(14),HEXCR-7196(30)
L2354250-07C	Plastic 2oz unpreserved for TS	A	NA		2.8	Y	Absent		TS(7)

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Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2354250-07D	Glass 500ml/16oz unpreserved	A	NA		2.8	Y	Absent		TCN-9010(14),NYTCL-8270(14),IGNIT-1030(14),REACTS(14),NJEPH-TPH-CAT2(14),HERB-APA(14),PH-9045(1),PAINTF(),NYTCL-8081(14),NYTCL-8082(365),REACTCN(14),HEXCR-7196(30)
L2354250-07E	Glass 500ml/16oz unpreserved	A	NA		2.8	Y	Absent		TCN-9010(14),NYTCL-8270(14),IGNIT-1030(14),REACTS(14),NJEPH-TPH-CAT2(14),HERB-APA(14),PH-9045(1),PAINTF(),NYTCL-8081(14),NYTCL-8082(365),REACTCN(14),HEXCR-7196(30)
L2354250-07X	Plastic 120ml HNO3 preserved Extracts	A	NA		2.8	Y	Absent		CD-CI(180),BA-CI(180),AS-CI(180),HG-C(28),PB-CI(180),SE-CI(180),CR-CI(180),AG-CI(180)
L2354250-07X9	Tumble Vessel	A	NA		2.8	Y	Absent		-
L2354250-08A	5 gram Encore Sampler	A	NA		2.8	Y	Absent		NYTCL-8260HLW(14)
L2354250-08B	5 gram Encore Sampler	A	NA		2.8	Y	Absent		NYTCL-8260HLW(14)
L2354250-08C	5 gram Encore Sampler	A	NA		2.8	Y	Absent		NYTCL-8260HLW(14)
L2354250-08X	Vial MeOH preserved split	A	NA		2.8	Y	Absent		NYTCL-8260HLW(14)
L2354250-08Y	Vial Water preserved split	A	NA		2.8	Y	Absent	16-SEP-23 09:47	NYTCL-8260HLW(14)
L2354250-08Z	Vial Water preserved split	A	NA		2.8	Y	Absent	16-SEP-23 09:47	NYTCL-8260HLW(14)
L2354250-09A	Metals Only-Glass 60mL/2oz unpreserved	A	NA		2.8	Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),CR-TI(180),AL-TI(180),TL-TI(180),NI-TI(180),SE-TI(180),PB-TI(180),CU-TI(180),ZN-TI(180),SB-TI(180),CO-TI(180),V-TI(180),FE-TI(180),MG-TI(180),HG-T(28),MN-TI(180),CA-TI(180),K-TI(180),NA-TI(180),CD-TI(180)
L2354250-09B	Glass 120ml/4oz unpreserved	A	NA		2.8	Y	Absent		REACTS(14),IGNIT-1030(14),NJEPH-TPH-CAT2(14),TCN-9010(14),NYTCL-8270(14),HERB-APA(14),PH-9045(1),NYTCL-8081(14),PAINTF(),NYTCL-8082(365),REACTCN(14),HEXCR-7196(30)
L2354250-09C	Plastic 2oz unpreserved for TS	A	NA		2.8	Y	Absent		TS(7)
L2354250-09D	Glass 500ml/16oz unpreserved	A	NA		2.8	Y	Absent		REACTS(14),IGNIT-1030(14),NJEPH-TPH-CAT2(14),TCN-9010(14),NYTCL-8270(14),HERB-APA(14),PH-9045(1),NYTCL-8081(14),PAINTF(),NYTCL-8082(365),REACTCN(14),HEXCR-7196(30)
L2354250-09E	Glass 500ml/16oz unpreserved	A	NA		2.8	Y	Absent		REACTS(14),IGNIT-1030(14),NJEPH-TPH-CAT2(14),TCN-9010(14),NYTCL-8270(14),HERB-APA(14),PH-9045(1),NYTCL-8081(14),PAINTF(),NYTCL-8082(365),REACTCN(14),HEXCR-7196(30)

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Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2354250-09X	Plastic 120ml HNO3 preserved Extracts	A	NA		2.8	Y	Absent		CD-CI(180),AS-CI(180),BA-CI(180),HG-C(28),PB-CI(180),CR-CI(180),SE-CI(180),AG-CI(180)
L2354250-09X9	Tumble Vessel	A	NA		2.8	Y	Absent		-
L2354250-10A	5 gram Encore Sampler	A	NA		2.8	Y	Absent		NYTCL-8260HLW(14)
L2354250-10B	5 gram Encore Sampler	A	NA		2.8	Y	Absent		NYTCL-8260HLW(14)
L2354250-10C	5 gram Encore Sampler	A	NA		2.8	Y	Absent		NYTCL-8260HLW(14)
L2354250-10X	Vial MeOH preserved split	A	NA		2.8	Y	Absent		NYTCL-8260HLW(14)
L2354250-10Y	Vial Water preserved split	A	NA		2.8	Y	Absent	16-SEP-23 09:47	NYTCL-8260HLW(14)
L2354250-10Z	Vial Water preserved split	A	NA		2.8	Y	Absent	16-SEP-23 09:47	NYTCL-8260HLW(14)

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GLOSSARY

Acronyms

DL	- Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the limit of quantitation (LOQ). The DL includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
EDL	- Estimated Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The EDL includes any adjustments from dilutions, concentrations or moisture content, where applicable. The use of EDLs is specific to the analysis of PAHs using Solid-Phase Microextraction (SPME).
EMPC	- Estimated Maximum Possible Concentration: The concentration that results from the signal present at the retention time of an analyte when the ions meet all of the identification criteria except the ion abundance ratio criteria. An EMPC is a worst-case estimate of the concentration.
EPA	- Environmental Protection Agency.
LCS	- Laboratory Control Sample: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.
LCSD	- Laboratory Control Sample Duplicate: Refer to LCS.
LFB	- Laboratory Fortified Blank: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.
LOD	- Limit of Detection: This value represents the level to which a target analyte can reliably be detected for a specific analyte in a specific matrix by a specific method. The LOD includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
LOQ	- Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.) Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
MDL	- Method Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The MDL includes any adjustments from dilutions, concentrations or moisture content, where applicable.
MS	- Matrix Spike Sample: A sample prepared by adding a known mass of target analyte to a specified amount of matrix sample for which an independent estimate of target analyte concentration is available. For Method 332.0, the spike recovery is calculated using the native concentration, including estimated values.
MSD	- Matrix Spike Sample Duplicate: Refer to MS.
NA	- Not Applicable.
NC	- Not Calculated: Term is utilized when one or more of the results utilized in the calculation are non-detect at the parameter's reporting unit.
NDPA/DPA	- N-Nitrosodiphenylamine/Diphenylamine.
NI	- Not Ignitable.
NP	- Non-Plastic: Term is utilized for the analysis of Atterberg Limits in soil.
NR	- No Results: Term is utilized when 'No Target Compounds Requested' is reported for the analysis of Volatile or Semivolatile Organic TIC only requests.
RL	- Reporting Limit: The value at which an instrument can accurately measure an analyte at a specific concentration. The RL includes any adjustments from dilutions, concentrations or moisture content, where applicable.
RPD	- Relative Percent Difference: The results from matrix and/or matrix spike duplicates are primarily designed to assess the precision of analytical results in a given matrix and are expressed as relative percent difference (RPD). Values which are less than five times the reporting limit for any individual parameter are evaluated by utilizing the absolute difference between the values; although the RPD value will be provided in the report.
SRM	- Standard Reference Material: A reference sample of a known or certified value that is of the same or similar matrix as the associated field samples.
STLP	- Semi-dynamic Tank Leaching Procedure per EPA Method 1315.
TEF	- Toxic Equivalency Factors: The values assigned to each dioxin and furan to evaluate their toxicity relative to 2,3,7,8-TCDD.
TEQ	- Toxic Equivalent: The measure of a sample's toxicity derived by multiplying each dioxin and furan by its corresponding TEF and then summing the resulting values.
TIC	- Tentatively Identified Compound: A compound that has been identified to be present and is not part of the target compound list (TCL) for the method and/or program. All TICs are qualitatively identified and reported as estimated concentrations.

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Footnotes

- 1 - The reference for this analyte should be considered modified since this analyte is absent from the target analyte list of the original method.

Terms

Analytical Method: Both the document from which the method originates and the analytical reference method. (Example: EPA 8260B is shown as 1,8260B.) The codes for the reference method documents are provided in the References section of the Addendum.

Chlordane: The target compound Chlordane (CAS No. 57-74-9) is reported for GC ECD analyses. Per EPA, this compound "refers to a mixture of chlordane isomers, other chlorinated hydrocarbons and numerous other components." (Reference: USEPA Toxicological Review of Chlordane, In Support of Summary Information on the Integrated Risk Information System (IRIS), December 1997.)

Difference: With respect to Total Oxidizable Precursor (TOP) Assay analysis, the difference is defined as the Post-Treatment value minus the Pre-Treatment value.

Final pH: As it pertains to Sample Receipt & Container Information section of the report, Final pH reflects pH of container determined after adjustment at the laboratory, if applicable. If no adjustment required, value reflects Initial pH.

Frozen Date/Time: With respect to Volatile Organics in soil, Frozen Date/Time reflects the date/time at which associated Reagent Water-preserved vials were initially frozen. Note: If frozen date/time is beyond 48 hours from sample collection, value will be reflected in 'bold'.

Gasoline Range Organics (GRO): Gasoline Range Organics (GRO) results include all chromatographic peaks eluting from Methyl tert butyl ether through Naphthalene, with the exception of GRO analysis in support of State of Ohio programs, which includes all chromatographic peaks eluting from Hexane through Dodecane.

Initial pH: As it pertains to Sample Receipt & Container Information section of the report, Initial pH reflects pH of container determined upon receipt, if applicable.

PAH Total: With respect to Alkylated PAH analyses, the 'PAHs, Total' result is defined as the summation of results for all or a subset of the following compounds: Naphthalene, C1-C4 Naphthalenes, 2-Methylnaphthalene, 1-Methylnaphthalene, Biphenyl, Acenaphthylene, Acenaphthene, Fluorene, C1-C3 Fluorenes, Phenanthrene, C1-C4 Phenanthrenes/Anthracenes, Anthracene, Fluoranthene, Pyrene, C1-C4 Fluoranthenes/Pyrenes, Benz(a)anthracene, Chrysene, C1-C4 Chrysenes, Benzo(b)fluoranthene, Benzo(j)+(k)fluoranthene, Benzo(e)pyrene, Benzo(a)pyrene, Perylene, Indeno(1,2,3-cd)pyrene, Dibenz(ah)+(ac)anthracene, Benzo(g,h,i)perylene. If a 'Total' result is requested, the results of its individual components will also be reported.

PFAS Total: With respect to PFAS analyses, the 'PFAS, Total (5)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA and PFOS. In addition, the 'PFAS, Total (6)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA, PFDA and PFOS. For MassDEP DW compliance analysis only, the 'PFAS, Total (6)' result is defined as the summation of results at or above the RL. Note: If a 'Total' result is requested, the results of its individual components will also be reported.

Total: With respect to Organic analyses, a 'Total' result is defined as the summation of results for individual isomers or Aroclors. If a 'Total' result is requested, the results of its individual components will also be reported. This is applicable to 'Total' results for methods 8260, 8081 and 8082.

Data Qualifiers

- A** - Spectra identified as "Aldol Condensates" are byproducts of the extraction/concentration procedures when acetone is introduced in the process.
- B** - The analyte was detected above the reporting limit in the associated method blank. Flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For MCP-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For DOD-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank AND the analyte was detected above one-half the reporting limit (or above the reporting limit for common lab contaminants) in the associated method blank. For NJ-Air-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte above the reporting limit. For NJ-related projects (excluding Air), flag only applies to associated field samples that have detectable concentrations of the analyte, which was detected above the reporting limit in the associated method blank or above five times the reporting limit for common lab contaminants (Phthalates, Acetone, Methylene Chloride, 2-Butanone).
- C** - Co-elution: The target analyte co-elutes with a known lab standard (i.e. surrogate, internal standards, etc.) for co-extracted analyses.
- D** - Concentration of analyte was quantified from diluted analysis. Flag only applies to field samples that have detectable concentrations of the analyte.
- E** - Concentration of analyte exceeds the range of the calibration curve and/or linear range of the instrument.
- F** - The ratio of quantifier ion response to qualifier ion response falls outside of the laboratory criteria. Results are considered to be an estimated maximum concentration.
- G** - The concentration may be biased high due to matrix interferences (i.e. co-elution) with non-target compound(s). The result should be considered estimated.
- H** - The analysis of pH was performed beyond the regulatory-required holding time of 15 minutes from the time of sample collection.
- I** - The lower value for the two columns has been reported due to obvious interference.
- J** - Estimated value. The Target analyte concentration is below the quantitation limit (RL), but above the Method Detection Limit (MDL) or Estimated Detection Limit (EDL) for SPME-related analyses. This represents an estimated concentration for Tentatively

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Data Qualifiers

Identified Compounds (TICs). For calculated parameters, this represents that one or more values used in the calculation were estimated.

- M** - Reporting Limit (RL) exceeds the MCP CAM Reporting Limit for this analyte.
- ND** - Not detected at the method detection limit (MDL) for the sample, or estimated detection limit (EDL) for SPME-related analyses.
- NJ** - Presumptive evidence of compound. This represents an estimated concentration for Tentatively Identified Compounds (TICs), where the identification is based on a mass spectral library search.
- P** - The RPD between the results for the two columns exceeds the method-specified criteria.
- Q** - The quality control sample exceeds the associated acceptance criteria. For DOD-related projects, LCS and/or Continuing Calibration Standard exceedences are also qualified on all associated sample results. Note: This flag is not applicable for matrix spike recoveries when the sample concentration is greater than 4x the spike added or for batch duplicate RPD when the sample concentrations are less than 5x the RL. (Metals only.)
- R** - Analytical results are from sample re-analysis.
- RE** - Analytical results are from sample re-extraction.
- S** - Analytical results are from modified screening analysis.
- V** - The surrogate associated with this target analyte has a recovery outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)
- Z** - The batch matrix spike and/or duplicate associated with this target analyte has a recovery/RPD outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)

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REFERENCES

- 1 Test Methods for Evaluating Solid Waste: Physical/Chemical Methods. EPA SW-846. Third Edition. Updates I - VI, 2018.
- 103 Analysis of Extractable Petroleum Hydrocarbon Compounds (EPH) in Aqueous and Soil/Sediment/Sludge Matrices. New Jersey Department of Environmental Protection, Site Remediation Program, (Version 1.1), Document # NJDEP EPH 10/08, Revision 3, August 2010.
- 121 Standard Methods for the Examination of Water and Wastewater. APHA-AWWA-WEF. Standard Methods Online.
- 125 Test Methods for Evaluating Solid Waste: Physical/Chemical Methods. EPA SW-846. Third Edition. Updates IIIA, April 1998.

LIMITATION OF LIABILITIES

Alpha Analytical performs services with reasonable care and diligence normal to the analytical testing laboratory industry. In the event of an error, the sole and exclusive responsibility of Alpha Analytical shall be to re-perform the work at it's own expense. In no event shall Alpha Analytical be held liable for any incidental, consequential or special damages, including but not limited to, damages in any way connected with the use of, interpretation of, information or analysis provided by Alpha Analytical.

We strongly urge our clients to comply with EPA protocol regarding sample volume, preservation, cooling, containers, sampling procedures, holding time and splitting of samples in the field.



Alpha Analytical, Inc.Facility: **Company-wide**Department: **Quality Assurance**Title: **Certificate/Approval Program Summary**ID No.: **17873**

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Certification Information

The following analytes are not included in our Primary NELAP Scope of Accreditation:

Westborough Facility**EPA 624.1:** m/p-xylene, o-xylene, Naphthalene**EPA 625.1:** alpha-Terpineol**EPA 8260D:** NPW: 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene, Azobenzene; SCM: Iodomethane (methyl iodide), 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene.**EPA 8270E:** NPW: Dimethylnaphthalene, 1,4-Diphenylhydrazine, alpha-Terpineol; SCM: Dimethylnaphthalene, 1,4-Diphenylhydrazine.**SM4500:** NPW: Amenable Cyanide; SCM: Total Phosphorus, TKN, NO₂, NO₃.**Mansfield Facility****SM 2540D:** TSS.**EPA TO-15:** Halothane, 2,4,4-Trimethyl-2-pentene, 2,4,4-Trimethyl-1-pentene, Thiophene, 2-Methylthiophene,

3-Methylthiophene, 2-Ethylthiophene, 1,2,3-Trimethylbenzene, Indan, Indene, 1,2,4,5-Tetramethylbenzene, Benzothiophene, 1-Methylnaphthalene.

Biological Tissue Matrix: EPA 3050B

The following analytes are included in our Massachusetts DEP Scope of Accreditation

Westborough Facility:**Drinking Water****EPA 300.0:** Chloride, Nitrate-N, Fluoride, Sulfate; **EPA 353.2:** Nitrate-N, Nitrite-N; **SM4500NO3-F:** Nitrate-N, Nitrite-N; **SM4500F-C, SM4500CN-CE,****EPA 180.1, SM2130B, SM4500Cl-D, SM2320B, SM2540C, SM4500H-B, SM4500NO2-B****EPA 524.2:** THMs and VOCs; **EPA 504.1:** EDB, DBCP.**Microbiology:** **SM9215B; SM9223-P/A, SM9223B-Colilert-QT, SM9222D.****Non-Potable Water****SM4500H,B, EPA 120.1, SM2510B, SM2540C, SM2320B, SM4500CL-E, SM4500F-BC, SM4500NH3-BH:** Ammonia-N and Kjeldahl-N, **EPA 350.1:**Ammonia-N, **LACHAT 10-107-06-1-B:** Ammonia-N, **EPA 351.1, SM4500NO3-F, EPA 353.2:** Nitrate-N, **SM4500P-E, SM4500P-B, E, SM4500SO4-E,****SM5220D, EPA 410.4, SM5210B, SM5310C, SM4500CL-D, EPA 1664, EPA 420.1, SM4500-CN-CE, SM2540D, EPA 300:** Chloride, Sulfate, Nitrate.**EPA 624.1:** Volatile Halocarbons & Aromatics,**EPA 608.3:** Chlordane, Toxaphene, Aldrin, alpha-BHC, beta-BHC, gamma-BHC, delta-BHC, Dieldrin, DDD, DDE, DDT, Endosulfan I, Endosulfan II, Endosulfan sulfate, Endrin, Endrin Aldehyde, Heptachlor, Heptachlor Epoxide, PCBs**EPA 625.1:** SVOC (Acid/Base/Neutral Extractables).**Microbiology:** **SM9223B-Colilert-QT; Enterolert-QT, SM9221E, EPA 1600, EPA 1603, SM9222D.****Mansfield Facility:****Drinking Water****EPA 200.7:** Al, Ba, Cd, Cr, Cu, Fe, Mn, Ni, Na, Ag, Ca, Zn. **EPA 200.8:** Al, Sb, As, Ba, Be, Cd, Cr, Cu, Pb, Mn, Ni, Se, Ag, TL, Zn. **EPA 245.1 Hg.****EPA 522, EPA 537.1.****Non-Potable Water****EPA 200.7:** Al, Sb, As, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Mo, Ni, K, Se, Ag, Na, Sr, TL, Ti, V, Zn.**EPA 200.8:** Al, Sb, As, Be, Cd, Cr, Cu, Fe, Pb, Mn, Ni, K, Se, Ag, Na, TL, Zn.**EPA 245.1 Hg.****SM2340B**

For a complete listing of analytes and methods, please contact your Alpha Project Manager.

 NEW YORK CHAIN OF CUSTODY		Service Centers Mahwah, NJ 07430: 35 Whitney Rd, Suite 5 Albany, NY 12205: 14 Walker Way Tonawanda, NY 14150: 275 Cooper Ave, Suite 105		Page <u>1</u> of <u>1</u>	Date Rec'd in Lab <u>9/16/23</u>	ALPHA Job # <u>L2354250</u>								
Westborough, MA 01581 8 Walkup Dr. TEL: 508-898-9220 FAX: 508-898-9193		Mansfield, MA 02048 320 Forbes Blvd TEL: 508-822-9300 FAX: 508-822-3288		Project Information Project Name: <u>Son valley Nusey filling station</u> Project Location: <u>36-140-Croton Ossining NY</u> Project # <u>12060 Phase 8</u> (Use Project name as Project #) ☐		Deliverables ☐ ASP-A ☐ EQulS (1 File) ☐ Other	Billing Information ☒ Same as Client Info PO #							
Client Information Client: <u>950 Rtub Suite 300</u> Address: <u>3 Parsippany NJ</u> <u>SEST</u> Phone: <u>973 8089050</u> Fax: Email: <u>plonice.Nortonses.09</u>		Project Manager: <u>JAMES VANDER Vliet</u> ALPHAQuote #: Turn-Around Time: Standard ☒ Due Date: Rush (only if pre approved) ☐ # of Days:		Regulatory Requirement ☐ NY TOGS ☐ AWQ Standards ☒ NY Restricted Use ☒ NY Unrestricted Use ☐ NYC Sewer Discharge		Disposal Site Information Please identify below location of applicable disposal facilities: Disposal Facility: ☐ NJ ☐ NY ☐ Other:								
These samples have been previously analyzed by Alpha ☐				ANALYSIS		Sample Filtration ☐ Done ☐ Lab to do ☐ Lab to do (Please Specify below)								
Other project specific requirements/comments: <u>disregard time on Bottleware, use time and sample IDs on Chain</u> Please specify Metals or TAL.				ANALYSIS		Sample Filtration ☐ Done ☐ Lab to do ☐ Lab to do (Please Specify below)								
ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date Time		Sample Matrix	Sampler's Initials	VOCs + HS SVOCs, PCBs Pesticides/Herb TAL Metals Total Gaseous EPH (col 2) Point Filter + PCRA Characteris Trace Metals + Hex Cr + pH	Total Bottle Line							
54250-01	Comp-A1 (0-7)	9/15/23	940	S	RR	X	X	X	X	X	X	X	Use Comp TS for Grab TS	7
02	Grab-A1 (0.5-1)		940			X								
03	Comp-A1 (7-14)		1040			X	X	X	X	X	X	X		
04	Grab-A1 (7-7.5)		1040			X								
05	Comp-A1 (14-20)		1045			X	X	X	X	X	X	X		
06	Grab-A1 (17-17.5)		1045			X								
07	Comp-A2 (0-7)		1500			X	X	X	X	X	X	X		
08	Grab-A2 (5.0-5.5)		1450			X								
09	Comp-A2 (7-19)		1455			X	X	X	X	X	X	X		
10	Grab-A2 (15-15.5)	✓	1455	✓	✓	X								
Preservative Code: A = None B = HCl C = HNO ₃ D = H ₂ SO ₄ E = NaOH F = MeOH G = NaHSO ₄ H = Na ₂ S ₂ O ₃ K/E = Zn Ac/NaOH O = Other		Container Code P = Plastic A = Amber Glass V = Vial G = Glass B = Bacteria Cup C = Cube O = Other E = Encore D = BOD Bottle		Westboro: Certification No: MA935 Mansfield: Certification No: MA015		Container Type Preservative		Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. BY EXECUTING THIS COC, THE CLIENT HAS READ AND AGREES TO BE BOUND BY ALPHA'S TERMS & CONDITIONS. (See reverse side.)						
Relinquished By: <u>RE</u> <u>9/15/23</u> <u>1645</u>		Date/Time: <u>9-15</u> <u>1828</u>		Received By: <u>ALPHA</u> <u>(DAC)</u> <u>9-15-23</u> <u>1645</u>		Date/Time: <u>9/15/23</u> <u>1830</u>		Date/Time: <u>9/15</u> <u>2225</u>						
Relinquished By: <u>ALPHA</u> <u>9/16</u> <u>00:40</u>		Date/Time: <u>9/16</u> <u>00:40</u>		Received By: <u>ALPHA</u> <u>9/16/23</u> <u>0040</u>		Date/Time: <u>9/16/23</u> <u>0040</u>		Date/Time: <u>9/16/23</u> <u>0040</u>						



ANALYTICAL REPORT

Lab Number:	L2354976
Client:	Soils Engineering Services, Inc. 959 Route 46E Parsippany, NJ 07054
ATTN:	James Vander Vliet
Phone:	(973) 808-9050
Project Name:	SUN VALLEY NURSERY FILLING STA
Project Number:	12060 / PHASE 8
Report Date:	09/26/23

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Certifications & Approvals: MA (M-MA086), NH NELAP (2064), CT (PH-0826), IL (200077), IN (C-MA-03), KY (KY98045), ME (MA00086), MD (348), NJ (MA935), NY (11148), NC (25700/666), OH (CL108), OR (MA-1316), PA (68-03671), RI (LAO00065), TX (T104704476), VT (VT-0935), VA (460195), USDA (Permit #525-23-122-91930).

Eight Walkup Drive, Westborough, MA 01581-1019
508-898-9220 (Fax) 508-898-9193 800-624-9220 - www.alphalab.com



Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 8

Lab Number: L2354976
Report Date: 09/26/23

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L2354976-01	COMP_B2(0-7)	SOIL	Not Specified	09/19/23 09:15	09/19/23
L2354976-02	GRAB_B2(4.5-5)	SOIL	Not Specified	09/19/23 09:15	09/19/23
L2354976-03	COMP_B2(7-14)	SOIL	Not Specified	09/19/23 09:30	09/19/23
L2354976-04	GRAB_B2(7.5-8)	SOIL	Not Specified	09/19/23 09:30	09/19/23
L2354976-05	COMP_B2(14-21)	SOIL	Not Specified	09/19/23 09:45	09/19/23
L2354976-06	GRAB_B2(15.5-16)	SOIL	Not Specified	09/19/23 09:45	09/19/23
L2354976-07	COMP_E2(0-7)	SOIL	Not Specified	09/19/23 11:45	09/19/23
L2354976-08	GRAB_E2(3.5-4)	SOIL	Not Specified	09/19/23 11:45	09/19/23
L2354976-09	COMP_E2(7-14)	SOIL	Not Specified	09/19/23 11:50	09/19/23
L2354976-10	GRAB_E2(7.5-8)	SOIL	Not Specified	09/19/23 11:50	09/19/23

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 8

Lab Number: L2354976
Report Date: 09/26/23

Case Narrative

The samples were received in accordance with the Chain of Custody and no significant deviations were encountered during the preparation or analysis unless otherwise noted. Sample Receipt, Container Information, and the Chain of Custody are located at the back of the report.

Results contained within this report relate only to the samples submitted under this Alpha Lab Number and meet NELAP requirements for all NELAP accredited parameters unless otherwise noted in the following narrative. The data presented in this report is organized by parameter (i.e. VOC, SVOC, etc.). Sample specific Quality Control data (i.e. Surrogate Spike Recovery) is reported at the end of the target analyte list for each individual sample, followed by the Laboratory Batch Quality Control at the end of each parameter. Tentatively Identified Compounds (TICs), if requested, are reported for compounds identified to be present and are not part of the method/program Target Compound List, even if only a subset of the TCL are being reported. If a sample was re-analyzed or re-extracted due to a required quality control corrective action and if both sets of data are reported, the Laboratory ID of the re-analysis or re-extraction is designated with an "R" or "RE", respectively.

When multiple Batch Quality Control elements are reported (e.g. more than one LCS), the associated samples for each element are noted in the grey shaded header line of each data table. Any Laboratory Batch, Sample Specific % recovery or RPD value that is outside the listed Acceptance Criteria is bolded in the report. In reference to questions H (CAM) or 4 (RCP) when "NO" is checked, the performance criteria for CAM and RCP methods allow for some quality control failures to occur and still be within method compliance. In these instances, the specific failure is not narrated but noted in the associated QC Outlier Summary Report, located directly after the Case Narrative. QC information is also incorporated in the Data Usability Assessment table (Format 11) of our Data Merger tool, where it can be reviewed in conjunction with the sample result, associated regulatory criteria and any associated data usability implications.

Soil/sediments, solids and tissues are reported on a dry weight basis unless otherwise noted. Definitions of all data qualifiers and acronyms used in this report are provided in the Glossary located at the back of the report.

HOLD POLICY - For samples submitted on hold, Alpha's policy is to hold samples (with the exception of Air canisters) free of charge for 21 calendar days from the date the project is completed. After 21 calendar days, we will dispose of all samples submitted including those put on hold unless you have contacted your Alpha Project Manager and made arrangements for Alpha to continue to hold the samples. Air canisters will be disposed after 3 business days from the date the project is completed.

Please contact Project Management at 800-624-9220 with any questions.

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 8

Lab Number: L2354976
Report Date: 09/26/23

Case Narrative (continued)

Report Submission

All non-detect (ND) or estimated concentrations (J-qualified) have been quantitated to the limit noted in the MDL column.

Total Metals

L2354976-01, -03, -05, -07 and -09: The sample has elevated detection limits for all elements, with the exception of mercury, due to the dilution required by the sample matrix.

Cyanide, Total

The WG1830660-2 LCS recovery for cyanide, total (77%), associated with L2354976-01, is outside our in-house acceptance criteria, but within the vendor-certified acceptance limits. The results of the original analyses are reported.

I, the undersigned, attest under the pains and penalties of perjury that, to the best of my knowledge and belief and based upon my personal inquiry of those responsible for providing the information contained in this analytical report, such information is accurate and complete. This certificate of analysis is not complete unless this page accompanies any and all pages of this report.

Authorized Signature:

Tiffani Morrissey - Tiffani Morrissey

Title: Technical Director/Representative

Date: 09/26/23

ORGANICS

VOLATILES

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 8

Lab Number: L2354976
Report Date: 09/26/23

SAMPLE RESULTS

Lab ID: L2354976-02
Client ID: GRAB_B2(4.5-5)
Sample Location: Not Specified

Date Collected: 09/19/23 09:15
Date Received: 09/19/23
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 09/22/23 20:54
Analyst: JIC
Percent Solids: 86%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	6.0	2.8	1
1,1-Dichloroethane	ND		ug/kg	1.2	0.18	1
Chloroform	ND		ug/kg	1.8	0.17	1
Carbon tetrachloride	ND		ug/kg	1.2	0.28	1
1,2-Dichloropropane	ND		ug/kg	1.2	0.15	1
Dibromochloromethane	ND		ug/kg	1.2	0.17	1
1,1,2-Trichloroethane	ND		ug/kg	1.2	0.32	1
Tetrachloroethene	ND		ug/kg	0.60	0.24	1
Chlorobenzene	ND		ug/kg	0.60	0.15	1
Trichlorofluoromethane	ND		ug/kg	4.8	0.84	1
1,2-Dichloroethane	ND		ug/kg	1.2	0.31	1
1,1,1-Trichloroethane	ND		ug/kg	0.60	0.20	1
Bromodichloromethane	ND		ug/kg	0.60	0.13	1
trans-1,3-Dichloropropene	ND		ug/kg	1.2	0.33	1
cis-1,3-Dichloropropene	ND		ug/kg	0.60	0.19	1
1,3-Dichloropropene, Total	ND		ug/kg	0.60	0.19	1
1,1-Dichloropropene	ND		ug/kg	0.60	0.19	1
Bromoform	ND		ug/kg	4.8	0.30	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.60	0.20	1
Benzene	ND		ug/kg	0.60	0.20	1
Toluene	ND		ug/kg	1.2	0.66	1
Ethylbenzene	ND		ug/kg	1.2	0.17	1
Chloromethane	ND		ug/kg	4.8	1.1	1
Bromomethane	ND		ug/kg	2.4	0.70	1
Vinyl chloride	ND		ug/kg	1.2	0.40	1
Chloroethane	ND		ug/kg	2.4	0.55	1
1,1-Dichloroethene	ND		ug/kg	1.2	0.29	1
trans-1,2-Dichloroethene	ND		ug/kg	1.8	0.16	1

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 8

Lab Number: L2354976
Report Date: 09/26/23

SAMPLE RESULTS

Lab ID: L2354976-02
Client ID: GRAB_B2(4.5-5)
Sample Location: Not Specified

Date Collected: 09/19/23 09:15
Date Received: 09/19/23
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Trichloroethene	ND		ug/kg	0.60	0.16	1
1,2-Dichlorobenzene	ND		ug/kg	2.4	0.17	1
1,3-Dichlorobenzene	ND		ug/kg	2.4	0.18	1
1,4-Dichlorobenzene	ND		ug/kg	2.4	0.21	1
Methyl tert butyl ether	ND		ug/kg	2.4	0.24	1
p/m-Xylene	ND		ug/kg	2.4	0.68	1
o-Xylene	ND		ug/kg	1.2	0.35	1
Xylenes, Total	ND		ug/kg	1.2	0.35	1
cis-1,2-Dichloroethene	ND		ug/kg	1.2	0.21	1
1,2-Dichloroethene, Total	ND		ug/kg	1.2	0.16	1
Dibromomethane	ND		ug/kg	2.4	0.29	1
Styrene	ND		ug/kg	1.2	0.24	1
Dichlorodifluoromethane	ND		ug/kg	12	1.1	1
Acetone	ND		ug/kg	12	5.8	1
Carbon disulfide	ND		ug/kg	12	5.5	1
2-Butanone	ND		ug/kg	12	2.7	1
Vinyl acetate	ND		ug/kg	12	2.6	1
4-Methyl-2-pentanone	ND		ug/kg	12	1.5	1
1,2,3-Trichloropropane	ND		ug/kg	2.4	0.15	1
2-Hexanone	ND		ug/kg	12	1.4	1
Bromochloromethane	ND		ug/kg	2.4	0.25	1
2,2-Dichloropropane	ND		ug/kg	2.4	0.24	1
1,2-Dibromoethane	ND		ug/kg	1.2	0.34	1
1,3-Dichloropropane	ND		ug/kg	2.4	0.20	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.60	0.16	1
Bromobenzene	ND		ug/kg	2.4	0.18	1
n-Butylbenzene	ND		ug/kg	1.2	0.20	1
sec-Butylbenzene	ND		ug/kg	1.2	0.18	1
tert-Butylbenzene	ND		ug/kg	2.4	0.14	1
o-Chlorotoluene	ND		ug/kg	2.4	0.23	1
p-Chlorotoluene	ND		ug/kg	2.4	0.13	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.6	1.2	1
Hexachlorobutadiene	ND		ug/kg	4.8	0.20	1
Isopropylbenzene	ND		ug/kg	1.2	0.13	1
p-Isopropyltoluene	ND		ug/kg	1.2	0.13	1
Naphthalene	ND		ug/kg	4.8	0.78	1
Acrylonitrile	ND		ug/kg	4.8	1.4	1

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 8

Lab Number: L2354976
Report Date: 09/26/23

SAMPLE RESULTS

Lab ID: L2354976-02
Client ID: GRAB_B2(4.5-5)
Sample Location: Not Specified

Date Collected: 09/19/23 09:15
Date Received: 09/19/23
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
n-Propylbenzene	ND		ug/kg	1.2	0.21	1
1,2,3-Trichlorobenzene	ND		ug/kg	2.4	0.39	1
1,2,4-Trichlorobenzene	ND		ug/kg	2.4	0.33	1
1,3,5-Trimethylbenzene	ND		ug/kg	2.4	0.23	1
1,2,4-Trimethylbenzene	ND		ug/kg	2.4	0.40	1
1,4-Dioxane	ND		ug/kg	97	42.	1
p-Diethylbenzene	ND		ug/kg	2.4	0.21	1
p-Ethyltoluene	ND		ug/kg	2.4	0.46	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	2.4	0.23	1
Ethyl ether	ND		ug/kg	2.4	0.41	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	6.0	1.7	1

Tentatively Identified Compounds

No Tentatively Identified Compounds ND ug/kg 1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	103		70-130
Toluene-d8	94		70-130
4-Bromofluorobenzene	97		70-130
Dibromofluoromethane	102		70-130

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 8

Lab Number: L2354976
Report Date: 09/26/23

SAMPLE RESULTS

Lab ID: L2354976-04
Client ID: GRAB_B2(7.5-8)
Sample Location: Not Specified

Date Collected: 09/19/23 09:30
Date Received: 09/19/23
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 09/23/23 21:10
Analyst: AJK
Percent Solids: 88%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	4.5	2.0	1
1,1-Dichloroethane	ND		ug/kg	0.90	0.13	1
Chloroform	ND		ug/kg	1.3	0.12	1
Carbon tetrachloride	ND		ug/kg	0.90	0.21	1
1,2-Dichloropropane	ND		ug/kg	0.90	0.11	1
Dibromochloromethane	ND		ug/kg	0.90	0.12	1
1,1,2-Trichloroethane	ND		ug/kg	0.90	0.24	1
Tetrachloroethene	ND		ug/kg	0.45	0.18	1
Chlorobenzene	ND		ug/kg	0.45	0.11	1
Trichlorofluoromethane	ND		ug/kg	3.6	0.62	1
1,2-Dichloroethane	ND		ug/kg	0.90	0.23	1
1,1,1-Trichloroethane	ND		ug/kg	0.45	0.15	1
Bromodichloromethane	ND		ug/kg	0.45	0.10	1
trans-1,3-Dichloropropene	ND		ug/kg	0.90	0.24	1
cis-1,3-Dichloropropene	ND		ug/kg	0.45	0.14	1
1,3-Dichloropropene, Total	ND		ug/kg	0.45	0.14	1
1,1-Dichloropropene	ND		ug/kg	0.45	0.14	1
Bromoform	ND		ug/kg	3.6	0.22	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.45	0.15	1
Benzene	0.53		ug/kg	0.45	0.15	1
Toluene	ND		ug/kg	0.90	0.49	1
Ethylbenzene	ND		ug/kg	0.90	0.13	1
Chloromethane	ND		ug/kg	3.6	0.84	1
Bromomethane	ND		ug/kg	1.8	0.52	1
Vinyl chloride	ND		ug/kg	0.90	0.30	1
Chloroethane	ND		ug/kg	1.8	0.40	1
1,1-Dichloroethene	ND		ug/kg	0.90	0.21	1
trans-1,2-Dichloroethene	ND		ug/kg	1.3	0.12	1

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 8

Lab Number: L2354976
Report Date: 09/26/23

SAMPLE RESULTS

Lab ID: L2354976-04
Client ID: GRAB_B2(7.5-8)
Sample Location: Not Specified

Date Collected: 09/19/23 09:30
Date Received: 09/19/23
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Trichloroethene	ND		ug/kg	0.45	0.12	1
1,2-Dichlorobenzene	ND		ug/kg	1.8	0.13	1
1,3-Dichlorobenzene	ND		ug/kg	1.8	0.13	1
1,4-Dichlorobenzene	ND		ug/kg	1.8	0.15	1
Methyl tert butyl ether	ND		ug/kg	1.8	0.18	1
p/m-Xylene	ND		ug/kg	1.8	0.50	1
o-Xylene	ND		ug/kg	0.90	0.26	1
Xylenes, Total	ND		ug/kg	0.90	0.26	1
cis-1,2-Dichloroethene	ND		ug/kg	0.90	0.16	1
1,2-Dichloroethene, Total	ND		ug/kg	0.90	0.12	1
Dibromomethane	ND		ug/kg	1.8	0.21	1
Styrene	ND		ug/kg	0.90	0.18	1
Dichlorodifluoromethane	ND		ug/kg	9.0	0.82	1
Acetone	23		ug/kg	9.0	4.3	1
Carbon disulfide	ND		ug/kg	9.0	4.1	1
2-Butanone	2.3	J	ug/kg	9.0	2.0	1
Vinyl acetate	ND		ug/kg	9.0	1.9	1
4-Methyl-2-pentanone	ND		ug/kg	9.0	1.1	1
1,2,3-Trichloropropane	ND		ug/kg	1.8	0.11	1
2-Hexanone	ND		ug/kg	9.0	1.0	1
Bromochloromethane	ND		ug/kg	1.8	0.18	1
2,2-Dichloropropane	ND		ug/kg	1.8	0.18	1
1,2-Dibromoethane	ND		ug/kg	0.90	0.25	1
1,3-Dichloropropane	ND		ug/kg	1.8	0.15	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.45	0.12	1
Bromobenzene	ND		ug/kg	1.8	0.13	1
n-Butylbenzene	ND		ug/kg	0.90	0.15	1
sec-Butylbenzene	ND		ug/kg	0.90	0.13	1
tert-Butylbenzene	ND		ug/kg	1.8	0.10	1
o-Chlorotoluene	ND		ug/kg	1.8	0.17	1
p-Chlorotoluene	ND		ug/kg	1.8	0.10	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	2.7	0.90	1
Hexachlorobutadiene	ND		ug/kg	3.6	0.15	1
Isopropylbenzene	ND		ug/kg	0.90	0.10	1
p-Isopropyltoluene	ND		ug/kg	0.90	0.10	1
Naphthalene	ND		ug/kg	3.6	0.58	1
Acrylonitrile	ND		ug/kg	3.6	1.0	1

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 8

Lab Number: L2354976
Report Date: 09/26/23

SAMPLE RESULTS

Lab ID: L2354976-04
Client ID: GRAB_B2(7.5-8)
Sample Location: Not Specified

Date Collected: 09/19/23 09:30
Date Received: 09/19/23
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
n-Propylbenzene	0.21	J	ug/kg	0.90	0.15	1
1,2,3-Trichlorobenzene	ND		ug/kg	1.8	0.29	1
1,2,4-Trichlorobenzene	ND		ug/kg	1.8	0.24	1
1,3,5-Trimethylbenzene	ND		ug/kg	1.8	0.17	1
1,2,4-Trimethylbenzene	ND		ug/kg	1.8	0.30	1
1,4-Dioxane	ND		ug/kg	72	31.	1
p-Diethylbenzene	ND		ug/kg	1.8	0.16	1
p-Ethyltoluene	ND		ug/kg	1.8	0.34	1
1,2,4,5-Tetramethylbenzene	0.20	J	ug/kg	1.8	0.17	1
Ethyl ether	ND		ug/kg	1.8	0.31	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	4.5	1.3	1

Tentatively Identified Compounds

No Tentatively Identified Compounds ND ug/kg 1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	91		70-130
Toluene-d8	95		70-130
4-Bromofluorobenzene	93		70-130
Dibromofluoromethane	96		70-130

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 8

Lab Number: L2354976
Report Date: 09/26/23

SAMPLE RESULTS

Lab ID: L2354976-06
Client ID: GRAB_B2(15.5-16)
Sample Location: Not Specified

Date Collected: 09/19/23 09:45
Date Received: 09/19/23
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 09/23/23 21:36
Analyst: AJK
Percent Solids: 90%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	5.0	2.3	1
1,1-Dichloroethane	ND		ug/kg	1.0	0.14	1
Chloroform	ND		ug/kg	1.5	0.14	1
Carbon tetrachloride	ND		ug/kg	1.0	0.23	1
1,2-Dichloropropane	ND		ug/kg	1.0	0.12	1
Dibromochloromethane	ND		ug/kg	1.0	0.14	1
1,1,2-Trichloroethane	ND		ug/kg	1.0	0.27	1
Tetrachloroethene	ND		ug/kg	0.50	0.20	1
Chlorobenzene	ND		ug/kg	0.50	0.13	1
Trichlorofluoromethane	ND		ug/kg	4.0	0.70	1
1,2-Dichloroethane	ND		ug/kg	1.0	0.26	1
1,1,1-Trichloroethane	ND		ug/kg	0.50	0.17	1
Bromodichloromethane	ND		ug/kg	0.50	0.11	1
trans-1,3-Dichloropropene	ND		ug/kg	1.0	0.27	1
cis-1,3-Dichloropropene	ND		ug/kg	0.50	0.16	1
1,3-Dichloropropene, Total	ND		ug/kg	0.50	0.16	1
1,1-Dichloropropene	ND		ug/kg	0.50	0.16	1
Bromoform	ND		ug/kg	4.0	0.25	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.50	0.17	1
Benzene	ND		ug/kg	0.50	0.17	1
Toluene	ND		ug/kg	1.0	0.54	1
Ethylbenzene	ND		ug/kg	1.0	0.14	1
Chloromethane	ND		ug/kg	4.0	0.94	1
Bromomethane	ND		ug/kg	2.0	0.58	1
Vinyl chloride	ND		ug/kg	1.0	0.34	1
Chloroethane	ND		ug/kg	2.0	0.45	1
1,1-Dichloroethene	ND		ug/kg	1.0	0.24	1
trans-1,2-Dichloroethene	ND		ug/kg	1.5	0.14	1

Project Name: SUN VALLEY NURSERY FILLING STA**Lab Number:** L2354976**Project Number:** 12060 / PHASE 8**Report Date:** 09/26/23**SAMPLE RESULTS**

Lab ID: L2354976-06
 Client ID: GRAB_B2(15.5-16)
 Sample Location: Not Specified

Date Collected: 09/19/23 09:45
 Date Received: 09/19/23
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Trichloroethene	ND		ug/kg	0.50	0.14	1
1,2-Dichlorobenzene	ND		ug/kg	2.0	0.14	1
1,3-Dichlorobenzene	ND		ug/kg	2.0	0.15	1
1,4-Dichlorobenzene	ND		ug/kg	2.0	0.17	1
Methyl tert butyl ether	ND		ug/kg	2.0	0.20	1
p/m-Xylene	ND		ug/kg	2.0	0.56	1
o-Xylene	ND		ug/kg	1.0	0.29	1
Xylenes, Total	ND		ug/kg	1.0	0.29	1
cis-1,2-Dichloroethene	ND		ug/kg	1.0	0.18	1
1,2-Dichloroethene, Total	ND		ug/kg	1.0	0.14	1
Dibromomethane	ND		ug/kg	2.0	0.24	1
Styrene	ND		ug/kg	1.0	0.20	1
Dichlorodifluoromethane	ND		ug/kg	10	0.92	1
Acetone	11		ug/kg	10	4.8	1
Carbon disulfide	ND		ug/kg	10	4.6	1
2-Butanone	ND		ug/kg	10	2.2	1
Vinyl acetate	ND		ug/kg	10	2.2	1
4-Methyl-2-pentanone	ND		ug/kg	10	1.3	1
1,2,3-Trichloropropane	ND		ug/kg	2.0	0.13	1
2-Hexanone	ND		ug/kg	10	1.2	1
Bromochloromethane	ND		ug/kg	2.0	0.20	1
2,2-Dichloropropane	ND		ug/kg	2.0	0.20	1
1,2-Dibromoethane	ND		ug/kg	1.0	0.28	1
1,3-Dichloropropane	ND		ug/kg	2.0	0.17	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.50	0.13	1
Bromobenzene	ND		ug/kg	2.0	0.14	1
n-Butylbenzene	ND		ug/kg	1.0	0.17	1
sec-Butylbenzene	ND		ug/kg	1.0	0.15	1
tert-Butylbenzene	ND		ug/kg	2.0	0.12	1
o-Chlorotoluene	ND		ug/kg	2.0	0.19	1
p-Chlorotoluene	ND		ug/kg	2.0	0.11	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.0	1.0	1
Hexachlorobutadiene	ND		ug/kg	4.0	0.17	1
Isopropylbenzene	ND		ug/kg	1.0	0.11	1
p-Isopropyltoluene	ND		ug/kg	1.0	0.11	1
Naphthalene	ND		ug/kg	4.0	0.65	1
Acrylonitrile	ND		ug/kg	4.0	1.2	1

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 8

Lab Number: L2354976
Report Date: 09/26/23

SAMPLE RESULTS

Lab ID: L2354976-06
Client ID: GRAB_B2(15.5-16)
Sample Location: Not Specified

Date Collected: 09/19/23 09:45
Date Received: 09/19/23
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
n-Propylbenzene	ND		ug/kg	1.0	0.17	1
1,2,3-Trichlorobenzene	ND		ug/kg	2.0	0.32	1
1,2,4-Trichlorobenzene	ND		ug/kg	2.0	0.27	1
1,3,5-Trimethylbenzene	ND		ug/kg	2.0	0.19	1
1,2,4-Trimethylbenzene	ND		ug/kg	2.0	0.34	1
1,4-Dioxane	ND		ug/kg	80	35.	1
p-Diethylbenzene	ND		ug/kg	2.0	0.18	1
p-Ethyltoluene	ND		ug/kg	2.0	0.38	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	2.0	0.19	1
Ethyl ether	ND		ug/kg	2.0	0.34	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	5.0	1.4	1

Tentatively Identified Compounds

No Tentatively Identified Compounds ND ug/kg 1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	89		70-130
Toluene-d8	94		70-130
4-Bromofluorobenzene	95		70-130
Dibromofluoromethane	96		70-130

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 8

Lab Number: L2354976
Report Date: 09/26/23

SAMPLE RESULTS

Lab ID: L2354976-08
Client ID: GRAB_E2(3.5-4)
Sample Location: Not Specified

Date Collected: 09/19/23 11:45
Date Received: 09/19/23
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 09/23/23 22:02
Analyst: AJK
Percent Solids: 89%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	6.0	2.7	1
1,1-Dichloroethane	ND		ug/kg	1.2	0.17	1
Chloroform	ND		ug/kg	1.8	0.17	1
Carbon tetrachloride	ND		ug/kg	1.2	0.28	1
1,2-Dichloropropane	ND		ug/kg	1.2	0.15	1
Dibromochloromethane	ND		ug/kg	1.2	0.17	1
1,1,2-Trichloroethane	ND		ug/kg	1.2	0.32	1
Tetrachloroethene	ND		ug/kg	0.60	0.23	1
Chlorobenzene	ND		ug/kg	0.60	0.15	1
Trichlorofluoromethane	ND		ug/kg	4.8	0.83	1
1,2-Dichloroethane	ND		ug/kg	1.2	0.31	1
1,1,1-Trichloroethane	ND		ug/kg	0.60	0.20	1
Bromodichloromethane	ND		ug/kg	0.60	0.13	1
trans-1,3-Dichloropropene	ND		ug/kg	1.2	0.33	1
cis-1,3-Dichloropropene	ND		ug/kg	0.60	0.19	1
1,3-Dichloropropene, Total	ND		ug/kg	0.60	0.19	1
1,1-Dichloropropene	ND		ug/kg	0.60	0.19	1
Bromoform	ND		ug/kg	4.8	0.29	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.60	0.20	1
Benzene	ND		ug/kg	0.60	0.20	1
Toluene	ND		ug/kg	1.2	0.65	1
Ethylbenzene	ND		ug/kg	1.2	0.17	1
Chloromethane	ND		ug/kg	4.8	1.1	1
Bromomethane	ND		ug/kg	2.4	0.70	1
Vinyl chloride	ND		ug/kg	1.2	0.40	1
Chloroethane	ND		ug/kg	2.4	0.54	1
1,1-Dichloroethene	ND		ug/kg	1.2	0.28	1
trans-1,2-Dichloroethene	ND		ug/kg	1.8	0.16	1

Project Name: SUN VALLEY NURSERY FILLING STA**Lab Number:** L2354976**Project Number:** 12060 / PHASE 8**Report Date:** 09/26/23**SAMPLE RESULTS**

Lab ID: L2354976-08
 Client ID: GRAB_E2(3.5-4)
 Sample Location: Not Specified

Date Collected: 09/19/23 11:45
 Date Received: 09/19/23
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Trichloroethene	ND		ug/kg	0.60	0.16	1
1,2-Dichlorobenzene	ND		ug/kg	2.4	0.17	1
1,3-Dichlorobenzene	ND		ug/kg	2.4	0.18	1
1,4-Dichlorobenzene	ND		ug/kg	2.4	0.20	1
Methyl tert butyl ether	ND		ug/kg	2.4	0.24	1
p/m-Xylene	ND		ug/kg	2.4	0.67	1
o-Xylene	ND		ug/kg	1.2	0.35	1
Xylenes, Total	ND		ug/kg	1.2	0.35	1
cis-1,2-Dichloroethene	ND		ug/kg	1.2	0.21	1
1,2-Dichloroethene, Total	ND		ug/kg	1.2	0.16	1
Dibromomethane	ND		ug/kg	2.4	0.28	1
Styrene	ND		ug/kg	1.2	0.23	1
Dichlorodifluoromethane	ND		ug/kg	12	1.1	1
Acetone	ND		ug/kg	12	5.8	1
Carbon disulfide	ND		ug/kg	12	5.4	1
2-Butanone	ND		ug/kg	12	2.6	1
Vinyl acetate	ND		ug/kg	12	2.6	1
4-Methyl-2-pentanone	ND		ug/kg	12	1.5	1
1,2,3-Trichloropropane	ND		ug/kg	2.4	0.15	1
2-Hexanone	ND		ug/kg	12	1.4	1
Bromochloromethane	ND		ug/kg	2.4	0.24	1
2,2-Dichloropropane	ND		ug/kg	2.4	0.24	1
1,2-Dibromoethane	ND		ug/kg	1.2	0.33	1
1,3-Dichloropropane	ND		ug/kg	2.4	0.20	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.60	0.16	1
Bromobenzene	ND		ug/kg	2.4	0.17	1
n-Butylbenzene	ND		ug/kg	1.2	0.20	1
sec-Butylbenzene	ND		ug/kg	1.2	0.17	1
tert-Butylbenzene	ND		ug/kg	2.4	0.14	1
o-Chlorotoluene	ND		ug/kg	2.4	0.23	1
p-Chlorotoluene	ND		ug/kg	2.4	0.13	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.6	1.2	1
Hexachlorobutadiene	ND		ug/kg	4.8	0.20	1
Isopropylbenzene	ND		ug/kg	1.2	0.13	1
p-Isopropyltoluene	ND		ug/kg	1.2	0.13	1
Naphthalene	ND		ug/kg	4.8	0.78	1
Acrylonitrile	ND		ug/kg	4.8	1.4	1

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 8

Lab Number: L2354976
Report Date: 09/26/23

SAMPLE RESULTS

Lab ID: L2354976-08
Client ID: GRAB_E2(3.5-4)
Sample Location: Not Specified

Date Collected: 09/19/23 11:45
Date Received: 09/19/23
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
n-Propylbenzene	ND		ug/kg	1.2	0.20	1
1,2,3-Trichlorobenzene	ND		ug/kg	2.4	0.38	1
1,2,4-Trichlorobenzene	ND		ug/kg	2.4	0.32	1
1,3,5-Trimethylbenzene	ND		ug/kg	2.4	0.23	1
1,2,4-Trimethylbenzene	ND		ug/kg	2.4	0.40	1
1,4-Dioxane	ND		ug/kg	96	42.	1
p-Diethylbenzene	ND		ug/kg	2.4	0.21	1
p-Ethyltoluene	ND		ug/kg	2.4	0.46	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	2.4	0.23	1
Ethyl ether	ND		ug/kg	2.4	0.41	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	6.0	1.7	1

Tentatively Identified Compounds

Total TIC Compounds	2.48	J	ug/kg	1
Unknown	2.48	J	ug/kg	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	90		70-130
Toluene-d8	94		70-130
4-Bromofluorobenzene	104		70-130
Dibromofluoromethane	96		70-130

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 8

Lab Number: L2354976
Report Date: 09/26/23

SAMPLE RESULTS

Lab ID: L2354976-10
Client ID: GRAB_E2(7.5-8)
Sample Location: Not Specified

Date Collected: 09/19/23 11:50
Date Received: 09/19/23
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 09/23/23 22:28
Analyst: AJK
Percent Solids: 89%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	6.0	2.8	1
1,1-Dichloroethane	ND		ug/kg	1.2	0.18	1
Chloroform	ND		ug/kg	1.8	0.17	1
Carbon tetrachloride	ND		ug/kg	1.2	0.28	1
1,2-Dichloropropane	ND		ug/kg	1.2	0.15	1
Dibromochloromethane	ND		ug/kg	1.2	0.17	1
1,1,2-Trichloroethane	ND		ug/kg	1.2	0.32	1
Tetrachloroethene	ND		ug/kg	0.60	0.24	1
Chlorobenzene	ND		ug/kg	0.60	0.15	1
Trichlorofluoromethane	ND		ug/kg	4.8	0.84	1
1,2-Dichloroethane	ND		ug/kg	1.2	0.31	1
1,1,1-Trichloroethane	ND		ug/kg	0.60	0.20	1
Bromodichloromethane	ND		ug/kg	0.60	0.13	1
trans-1,3-Dichloropropene	ND		ug/kg	1.2	0.33	1
cis-1,3-Dichloropropene	ND		ug/kg	0.60	0.19	1
1,3-Dichloropropene, Total	ND		ug/kg	0.60	0.19	1
1,1-Dichloropropene	ND		ug/kg	0.60	0.19	1
Bromoform	ND		ug/kg	4.8	0.30	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.60	0.20	1
Benzene	ND		ug/kg	0.60	0.20	1
Toluene	ND		ug/kg	1.2	0.66	1
Ethylbenzene	ND		ug/kg	1.2	0.17	1
Chloromethane	ND		ug/kg	4.8	1.1	1
Bromomethane	ND		ug/kg	2.4	0.70	1
Vinyl chloride	ND		ug/kg	1.2	0.40	1
Chloroethane	ND		ug/kg	2.4	0.55	1
1,1-Dichloroethene	ND		ug/kg	1.2	0.29	1
trans-1,2-Dichloroethene	ND		ug/kg	1.8	0.16	1

Project Name: SUN VALLEY NURSERY FILLING STA**Lab Number:** L2354976**Project Number:** 12060 / PHASE 8**Report Date:** 09/26/23**SAMPLE RESULTS**

Lab ID: L2354976-10
 Client ID: GRAB_E2(7.5-8)
 Sample Location: Not Specified

Date Collected: 09/19/23 11:50
 Date Received: 09/19/23
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Trichloroethene	ND		ug/kg	0.60	0.16	1
1,2-Dichlorobenzene	ND		ug/kg	2.4	0.17	1
1,3-Dichlorobenzene	ND		ug/kg	2.4	0.18	1
1,4-Dichlorobenzene	ND		ug/kg	2.4	0.21	1
Methyl tert butyl ether	ND		ug/kg	2.4	0.24	1
p/m-Xylene	ND		ug/kg	2.4	0.68	1
o-Xylene	ND		ug/kg	1.2	0.35	1
Xylenes, Total	ND		ug/kg	1.2	0.35	1
cis-1,2-Dichloroethene	ND		ug/kg	1.2	0.21	1
1,2-Dichloroethene, Total	ND		ug/kg	1.2	0.16	1
Dibromomethane	ND		ug/kg	2.4	0.29	1
Styrene	ND		ug/kg	1.2	0.24	1
Dichlorodifluoromethane	ND		ug/kg	12	1.1	1
Acetone	ND		ug/kg	12	5.8	1
Carbon disulfide	ND		ug/kg	12	5.5	1
2-Butanone	ND		ug/kg	12	2.7	1
Vinyl acetate	ND		ug/kg	12	2.6	1
4-Methyl-2-pentanone	ND		ug/kg	12	1.5	1
1,2,3-Trichloropropane	ND		ug/kg	2.4	0.15	1
2-Hexanone	ND		ug/kg	12	1.4	1
Bromochloromethane	ND		ug/kg	2.4	0.25	1
2,2-Dichloropropane	ND		ug/kg	2.4	0.24	1
1,2-Dibromoethane	ND		ug/kg	1.2	0.34	1
1,3-Dichloropropane	ND		ug/kg	2.4	0.20	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.60	0.16	1
Bromobenzene	ND		ug/kg	2.4	0.18	1
n-Butylbenzene	ND		ug/kg	1.2	0.20	1
sec-Butylbenzene	ND		ug/kg	1.2	0.18	1
tert-Butylbenzene	ND		ug/kg	2.4	0.14	1
o-Chlorotoluene	ND		ug/kg	2.4	0.23	1
p-Chlorotoluene	ND		ug/kg	2.4	0.13	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.6	1.2	1
Hexachlorobutadiene	ND		ug/kg	4.8	0.20	1
Isopropylbenzene	ND		ug/kg	1.2	0.13	1
p-Isopropyltoluene	ND		ug/kg	1.2	0.13	1
Naphthalene	ND		ug/kg	4.8	0.78	1
Acrylonitrile	ND		ug/kg	4.8	1.4	1

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 8

Lab Number: L2354976
Report Date: 09/26/23

SAMPLE RESULTS

Lab ID: L2354976-10
Client ID: GRAB_E2(7.5-8)
Sample Location: Not Specified

Date Collected: 09/19/23 11:50
Date Received: 09/19/23
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
n-Propylbenzene	ND		ug/kg	1.2	0.21	1
1,2,3-Trichlorobenzene	ND		ug/kg	2.4	0.39	1
1,2,4-Trichlorobenzene	ND		ug/kg	2.4	0.33	1
1,3,5-Trimethylbenzene	ND		ug/kg	2.4	0.23	1
1,2,4-Trimethylbenzene	ND		ug/kg	2.4	0.40	1
1,4-Dioxane	ND		ug/kg	97	42.	1
p-Diethylbenzene	ND		ug/kg	2.4	0.21	1
p-Ethyltoluene	ND		ug/kg	2.4	0.46	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	2.4	0.23	1
Ethyl ether	ND		ug/kg	2.4	0.41	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	6.0	1.7	1

Tentatively Identified Compounds

No Tentatively Identified Compounds ND ug/kg 1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	93		70-130
Toluene-d8	94		70-130
4-Bromofluorobenzene	96		70-130
Dibromofluoromethane	97		70-130

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 8

Lab Number: L2354976
Report Date: 09/26/23

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8260D
 Analytical Date: 09/22/23 13:05
 Analyst: LAC

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 02 Batch: WG1831508-5					
Methylene chloride	ND		ug/kg	5.0	2.3
1,1-Dichloroethane	ND		ug/kg	1.0	0.14
Chloroform	ND		ug/kg	1.5	0.14
Carbon tetrachloride	ND		ug/kg	1.0	0.23
1,2-Dichloropropane	ND		ug/kg	1.0	0.12
Dibromochloromethane	ND		ug/kg	1.0	0.14
1,1,2-Trichloroethane	ND		ug/kg	1.0	0.27
Tetrachloroethene	ND		ug/kg	0.50	0.20
Chlorobenzene	ND		ug/kg	0.50	0.13
Trichlorofluoromethane	ND		ug/kg	4.0	0.70
1,2-Dichloroethane	ND		ug/kg	1.0	0.26
1,1,1-Trichloroethane	ND		ug/kg	0.50	0.17
Bromodichloromethane	ND		ug/kg	0.50	0.11
trans-1,3-Dichloropropene	ND		ug/kg	1.0	0.27
cis-1,3-Dichloropropene	ND		ug/kg	0.50	0.16
1,3-Dichloropropene, Total	ND		ug/kg	0.50	0.16
1,1-Dichloropropene	ND		ug/kg	0.50	0.16
Bromoform	ND		ug/kg	4.0	0.25
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.50	0.17
Benzene	ND		ug/kg	0.50	0.17
Toluene	ND		ug/kg	1.0	0.54
Ethylbenzene	ND		ug/kg	1.0	0.14
Chloromethane	ND		ug/kg	4.0	0.93
Bromomethane	ND		ug/kg	2.0	0.58
Vinyl chloride	ND		ug/kg	1.0	0.34
Chloroethane	ND		ug/kg	2.0	0.45
1,1-Dichloroethene	ND		ug/kg	1.0	0.24
trans-1,2-Dichloroethene	ND		ug/kg	1.5	0.14
Trichloroethene	ND		ug/kg	0.50	0.14

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 8

Lab Number: L2354976
Report Date: 09/26/23

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8260D
 Analytical Date: 09/22/23 13:05
 Analyst: LAC

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 02 Batch: WG1831508-5					
1,2-Dichlorobenzene	ND		ug/kg	2.0	0.14
1,3-Dichlorobenzene	ND		ug/kg	2.0	0.15
1,4-Dichlorobenzene	ND		ug/kg	2.0	0.17
Methyl tert butyl ether	ND		ug/kg	2.0	0.20
p/m-Xylene	ND		ug/kg	2.0	0.56
o-Xylene	ND		ug/kg	1.0	0.29
Xylenes, Total	ND		ug/kg	1.0	0.29
cis-1,2-Dichloroethene	ND		ug/kg	1.0	0.18
1,2-Dichloroethene, Total	ND		ug/kg	1.0	0.14
Dibromomethane	ND		ug/kg	2.0	0.24
Styrene	ND		ug/kg	1.0	0.20
Dichlorodifluoromethane	ND		ug/kg	10	0.92
Acetone	ND		ug/kg	10	4.8
Carbon disulfide	ND		ug/kg	10	4.6
2-Butanone	ND		ug/kg	10	2.2
Vinyl acetate	ND		ug/kg	10	2.2
4-Methyl-2-pentanone	ND		ug/kg	10	1.3
1,2,3-Trichloropropane	ND		ug/kg	2.0	0.13
2-Hexanone	ND		ug/kg	10	1.2
Bromochloromethane	ND		ug/kg	2.0	0.20
2,2-Dichloropropane	ND		ug/kg	2.0	0.20
1,2-Dibromoethane	ND		ug/kg	1.0	0.28
1,3-Dichloropropane	ND		ug/kg	2.0	0.17
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.50	0.13
Bromobenzene	ND		ug/kg	2.0	0.14
n-Butylbenzene	ND		ug/kg	1.0	0.17
sec-Butylbenzene	ND		ug/kg	1.0	0.15
tert-Butylbenzene	ND		ug/kg	2.0	0.12
o-Chlorotoluene	ND		ug/kg	2.0	0.19

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 8

Lab Number: L2354976
Report Date: 09/26/23

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8260D
 Analytical Date: 09/22/23 13:05
 Analyst: LAC

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 02 Batch: WG1831508-5					
p-Chlorotoluene	ND		ug/kg	2.0	0.11
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.0	1.0
Hexachlorobutadiene	ND		ug/kg	4.0	0.17
Isopropylbenzene	ND		ug/kg	1.0	0.11
p-Isopropyltoluene	ND		ug/kg	1.0	0.11
Naphthalene	ND		ug/kg	4.0	0.65
Acrylonitrile	ND		ug/kg	4.0	1.2
n-Propylbenzene	ND		ug/kg	1.0	0.17
1,2,3-Trichlorobenzene	ND		ug/kg	2.0	0.32
1,2,4-Trichlorobenzene	ND		ug/kg	2.0	0.27
1,3,5-Trimethylbenzene	ND		ug/kg	2.0	0.19
1,2,4-Trimethylbenzene	ND		ug/kg	2.0	0.33
1,4-Dioxane	ND		ug/kg	80	35.
p-Diethylbenzene	ND		ug/kg	2.0	0.18
p-Ethyltoluene	ND		ug/kg	2.0	0.38
1,2,4,5-Tetramethylbenzene	ND		ug/kg	2.0	0.19
Ethyl ether	ND		ug/kg	2.0	0.34
trans-1,4-Dichloro-2-butene	ND		ug/kg	5.0	1.4

Tentatively Identified Compounds

Total TIC Compounds	7.53	J	ug/kg
Unknown	2.23	J	ug/kg
Cyclotrisiloxane, Hexamethyl-	5.30	NJ	ug/kg

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 8

Lab Number: L2354976
Report Date: 09/26/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 09/22/23 13:05
Analyst: LAC

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 02 Batch: WG1831508-5					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	98		70-130
Toluene-d8	95		70-130
4-Bromofluorobenzene	99		70-130
Dibromofluoromethane	94		70-130

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 8

Lab Number: L2354976
Report Date: 09/26/23

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8260D
 Analytical Date: 09/23/23 14:40
 Analyst: LAC

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 04,06,08,10 Batch: WG1831703-5					
Methylene chloride	ND		ug/kg	5.0	2.3
1,1-Dichloroethane	ND		ug/kg	1.0	0.14
Chloroform	ND		ug/kg	1.5	0.14
Carbon tetrachloride	ND		ug/kg	1.0	0.23
1,2-Dichloropropane	ND		ug/kg	1.0	0.12
Dibromochloromethane	ND		ug/kg	1.0	0.14
1,1,2-Trichloroethane	ND		ug/kg	1.0	0.27
Tetrachloroethene	ND		ug/kg	0.50	0.20
Chlorobenzene	ND		ug/kg	0.50	0.13
Trichlorofluoromethane	ND		ug/kg	4.0	0.70
1,2-Dichloroethane	ND		ug/kg	1.0	0.26
1,1,1-Trichloroethane	ND		ug/kg	0.50	0.17
Bromodichloromethane	ND		ug/kg	0.50	0.11
trans-1,3-Dichloropropene	ND		ug/kg	1.0	0.27
cis-1,3-Dichloropropene	ND		ug/kg	0.50	0.16
1,3-Dichloropropene, Total	ND		ug/kg	0.50	0.16
1,1-Dichloropropene	ND		ug/kg	0.50	0.16
Bromoform	ND		ug/kg	4.0	0.25
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.50	0.17
Benzene	ND		ug/kg	0.50	0.17
Toluene	ND		ug/kg	1.0	0.54
Ethylbenzene	ND		ug/kg	1.0	0.14
Chloromethane	ND		ug/kg	4.0	0.93
Bromomethane	ND		ug/kg	2.0	0.58
Vinyl chloride	ND		ug/kg	1.0	0.34
Chloroethane	ND		ug/kg	2.0	0.45
1,1-Dichloroethene	ND		ug/kg	1.0	0.24
trans-1,2-Dichloroethene	ND		ug/kg	1.5	0.14
Trichloroethene	ND		ug/kg	0.50	0.14

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 8

Lab Number: L2354976
Report Date: 09/26/23

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8260D
 Analytical Date: 09/23/23 14:40
 Analyst: LAC

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 04,06,08,10 Batch: WG1831703-5					
1,2-Dichlorobenzene	ND		ug/kg	2.0	0.14
1,3-Dichlorobenzene	ND		ug/kg	2.0	0.15
1,4-Dichlorobenzene	ND		ug/kg	2.0	0.17
Methyl tert butyl ether	ND		ug/kg	2.0	0.20
p/m-Xylene	ND		ug/kg	2.0	0.56
o-Xylene	ND		ug/kg	1.0	0.29
Xylenes, Total	ND		ug/kg	1.0	0.29
cis-1,2-Dichloroethene	ND		ug/kg	1.0	0.18
1,2-Dichloroethene, Total	ND		ug/kg	1.0	0.14
Dibromomethane	ND		ug/kg	2.0	0.24
Styrene	ND		ug/kg	1.0	0.20
Dichlorodifluoromethane	ND		ug/kg	10	0.92
Acetone	ND		ug/kg	10	4.8
Carbon disulfide	ND		ug/kg	10	4.6
2-Butanone	ND		ug/kg	10	2.2
Vinyl acetate	ND		ug/kg	10	2.2
4-Methyl-2-pentanone	ND		ug/kg	10	1.3
1,2,3-Trichloropropane	ND		ug/kg	2.0	0.13
2-Hexanone	ND		ug/kg	10	1.2
Bromochloromethane	ND		ug/kg	2.0	0.20
2,2-Dichloropropane	ND		ug/kg	2.0	0.20
1,2-Dibromoethane	ND		ug/kg	1.0	0.28
1,3-Dichloropropane	ND		ug/kg	2.0	0.17
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.50	0.13
Bromobenzene	ND		ug/kg	2.0	0.14
n-Butylbenzene	ND		ug/kg	1.0	0.17
sec-Butylbenzene	ND		ug/kg	1.0	0.15
tert-Butylbenzene	ND		ug/kg	2.0	0.12
o-Chlorotoluene	ND		ug/kg	2.0	0.19

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 8

Lab Number: L2354976
Report Date: 09/26/23

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8260D
 Analytical Date: 09/23/23 14:40
 Analyst: LAC

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 04,06,08,10 Batch: WG1831703-5					
p-Chlorotoluene	ND		ug/kg	2.0	0.11
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.0	1.0
Hexachlorobutadiene	ND		ug/kg	4.0	0.17
Isopropylbenzene	ND		ug/kg	1.0	0.11
p-Isopropyltoluene	ND		ug/kg	1.0	0.11
Naphthalene	ND		ug/kg	4.0	0.65
Acrylonitrile	ND		ug/kg	4.0	1.2
n-Propylbenzene	ND		ug/kg	1.0	0.17
1,2,3-Trichlorobenzene	ND		ug/kg	2.0	0.32
1,2,4-Trichlorobenzene	ND		ug/kg	2.0	0.27
1,3,5-Trimethylbenzene	ND		ug/kg	2.0	0.19
1,2,4-Trimethylbenzene	ND		ug/kg	2.0	0.33
1,4-Dioxane	ND		ug/kg	80	35.
p-Diethylbenzene	ND		ug/kg	2.0	0.18
p-Ethyltoluene	ND		ug/kg	2.0	0.38
1,2,4,5-Tetramethylbenzene	ND		ug/kg	2.0	0.19
Ethyl ether	ND		ug/kg	2.0	0.34
trans-1,4-Dichloro-2-butene	ND		ug/kg	5.0	1.4

Tentatively Identified Compounds

Total TIC Compounds	2.32	J	ug/kg
Unknown	2.32	J	ug/kg

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 8

Lab Number: L2354976
Report Date: 09/26/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 09/23/23 14:40
Analyst: LAC

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 04,06,08,10 Batch: WG1831703-5					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	90		70-130
Toluene-d8	97		70-130
4-Bromofluorobenzene	96		70-130
Dibromofluoromethane	92		70-130

Lab Control Sample Analysis **Batch Quality Control**

Project Name: SUN VALLEY NURSERY FILLING STA

Lab Number: L2354976

Project Number: 12060 / PHASE 8

Report Date: 09/26/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 02 Batch: WG1831508-3 WG1831508-4								
Methylene chloride	83		84		70-130	1		30
1,1-Dichloroethane	81		81		70-130	0		30
Chloroform	84		85		70-130	1		30
Carbon tetrachloride	71		72		70-130	1		30
1,2-Dichloropropane	86		87		70-130	1		30
Dibromochloromethane	106		107		70-130	1		30
1,1,2-Trichloroethane	100		100		70-130	0		30
Tetrachloroethene	86		86		70-130	0		30
Chlorobenzene	91		91		70-130	0		30
Trichlorofluoromethane	72		73		70-139	1		30
1,2-Dichloroethane	92		93		70-130	1		30
1,1,1-Trichloroethane	81		82		70-130	1		30
Bromodichloromethane	92		95		70-130	3		30
trans-1,3-Dichloropropene	99		98		70-130	1		30
cis-1,3-Dichloropropene	95		97		70-130	2		30
1,1-Dichloropropene	78		79		70-130	1		30
Bromoform	112		114		70-130	2		30
1,1,2,2-Tetrachloroethane	106		103		70-130	3		30
Benzene	82		83		70-130	1		30
Toluene	78		77		70-130	1		30
Ethylbenzene	82		82		70-130	0		30
Chloromethane	69		70		52-130	1		30
Bromomethane	78		80		57-147	3		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: SUN VALLEY NURSERY FILLING STA

Lab Number: L2354976

Project Number: 12060 / PHASE 8

Report Date: 09/26/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 02 Batch: WG1831508-3 WG1831508-4								
Vinyl chloride	71		71		67-130	0		30
Chloroethane	76		77		50-151	1		30
1,1-Dichloroethene	78		79		65-135	1		30
trans-1,2-Dichloroethene	81		80		70-130	1		30
Trichloroethene	84		86		70-130	2		30
1,2-Dichlorobenzene	98		97		70-130	1		30
1,3-Dichlorobenzene	95		94		70-130	1		30
1,4-Dichlorobenzene	96		95		70-130	1		30
Methyl tert butyl ether	110		113		66-130	3		30
p/m-Xylene	83		82		70-130	1		30
o-Xylene	89		89		70-130	0		30
cis-1,2-Dichloroethene	84		86		70-130	2		30
Dibromomethane	100		101		70-130	1		30
Styrene	91		91		70-130	0		30
Dichlorodifluoromethane	64		65		30-146	2		30
Acetone	104		104		54-140	0		30
Carbon disulfide	69		70		59-130	1		30
2-Butanone	106		106		70-130	0		30
Vinyl acetate	89		84		70-130	6		30
4-Methyl-2-pentanone	110		109		70-130	1		30
1,2,3-Trichloropropane	107		106		68-130	1		30
2-Hexanone	107		106		70-130	1		30
Bromochloromethane	98		100		70-130	2		30

Lab Control Sample Analysis **Batch Quality Control**

Project Name: SUN VALLEY NURSERY FILLING STA

Lab Number: L2354976

Project Number: 12060 / PHASE 8

Report Date: 09/26/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 02 Batch: WG1831508-3 WG1831508-4								
2,2-Dichloropropane	75		76		70-130	1		30
1,2-Dibromoethane	110		110		70-130	0		30
1,3-Dichloropropane	98		98		69-130	0		30
1,1,1,2-Tetrachloroethane	96		96		70-130	0		30
Bromobenzene	98		97		70-130	1		30
n-Butylbenzene	81		80		70-130	1		30
sec-Butylbenzene	82		81		70-130	1		30
tert-Butylbenzene	84		83		70-130	1		30
o-Chlorotoluene	84		84		70-130	0		30
p-Chlorotoluene	87		86		70-130	1		30
1,2-Dibromo-3-chloropropane	106		106		68-130	0		30
Hexachlorobutadiene	90		90		67-130	0		30
Isopropylbenzene	83		82		70-130	1		30
p-Isopropyltoluene	85		84		70-130	1		30
Naphthalene	125		124		70-130	1		30
Acrylonitrile	120		122		70-130	2		30
n-Propylbenzene	83		82		70-130	1		30
1,2,3-Trichlorobenzene	121		122		70-130	1		30
1,2,4-Trichlorobenzene	112		112		70-130	0		30
1,3,5-Trimethylbenzene	86		85		70-130	1		30
1,2,4-Trimethylbenzene	88		88		70-130	0		30
1,4-Dioxane	118		116		65-136	2		30
p-Diethylbenzene	86		85		70-130	1		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: SUN VALLEY NURSERY FILLING STA

Lab Number: L2354976

Project Number: 12060 / PHASE 8

Report Date: 09/26/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 02 Batch: WG1831508-3 WG1831508-4								
p-Ethyltoluene	86		85		70-130	1		30
1,2,4,5-Tetramethylbenzene	97		96		70-130	1		30
Ethyl ether	107		108		67-130	1		30
trans-1,4-Dichloro-2-butene	111		109		70-130	2		30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	95		98		70-130
Toluene-d8	96		95		70-130
4-Bromofluorobenzene	98		98		70-130
Dibromofluoromethane	97		99		70-130

Lab Control Sample Analysis

Batch Quality Control

Project Name: SUN VALLEY NURSERY FILLING STA

Lab Number: L2354976

Project Number: 12060 / PHASE 8

Report Date: 09/26/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 04,06,08,10 Batch: WG1831703-3 WG1831703-4								
Methylene chloride	87		80		70-130	8		30
1,1-Dichloroethane	81		78		70-130	4		30
Chloroform	83		82		70-130	1		30
Carbon tetrachloride	81		78		70-130	4		30
1,2-Dichloropropane	87		85		70-130	2		30
Dibromochloromethane	94		94		70-130	0		30
1,1,2-Trichloroethane	87		86		70-130	1		30
Tetrachloroethene	89		87		70-130	2		30
Chlorobenzene	92		90		70-130	2		30
Trichlorofluoromethane	77		75		70-139	3		30
1,2-Dichloroethane	86		85		70-130	1		30
1,1,1-Trichloroethane	81		79		70-130	3		30
Bromodichloromethane	85		84		70-130	1		30
trans-1,3-Dichloropropene	89		88		70-130	1		30
cis-1,3-Dichloropropene	89		88		70-130	1		30
1,1-Dichloropropene	82		81		70-130	1		30
Bromoform	86		86		70-130	0		30
1,1,2,2-Tetrachloroethane	82		80		70-130	2		30
Benzene	86		84		70-130	2		30
Toluene	84		82		70-130	2		30
Ethylbenzene	85		84		70-130	1		30
Chloromethane	68		67		52-130	1		30
Bromomethane	71		74		57-147	4		30

Lab Control Sample Analysis Batch Quality Control

Project Name: SUN VALLEY NURSERY FILLING STA

Lab Number: L2354976

Project Number: 12060 / PHASE 8

Report Date: 09/26/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 04,06,08,10 Batch: WG1831703-3 WG1831703-4								
Vinyl chloride	75		72		67-130	4		30
Chloroethane	76		77		50-151	1		30
1,1-Dichloroethene	84		83		65-135	1		30
trans-1,2-Dichloroethene	90		79		70-130	13		30
Trichloroethene	90		88		70-130	2		30
1,2-Dichlorobenzene	96		94		70-130	2		30
1,3-Dichlorobenzene	94		92		70-130	2		30
1,4-Dichlorobenzene	93		91		70-130	2		30
Methyl tert butyl ether	104		93		66-130	11		30
p/m-Xylene	89		88		70-130	1		30
o-Xylene	90		89		70-130	1		30
cis-1,2-Dichloroethene	86		84		70-130	2		30
Dibromomethane	90		89		70-130	1		30
Styrene	89		88		70-130	1		30
Dichlorodifluoromethane	64		61		30-146	5		30
Acetone	69		69		54-140	0		30
Carbon disulfide	82		80		59-130	2		30
2-Butanone	73		76		70-130	4		30
Vinyl acetate	68	Q	65	Q	70-130	5		30
4-Methyl-2-pentanone	77		75		70-130	3		30
1,2,3-Trichloropropane	85		85		68-130	0		30
2-Hexanone	72		72		70-130	0		30
Bromochloromethane	94		94		70-130	0		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: SUN VALLEY NURSERY FILLING STA

Lab Number: L2354976

Project Number: 12060 / PHASE 8

Report Date: 09/26/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 04,06,08,10 Batch: WG1831703-3 WG1831703-4								
2,2-Dichloropropane	76		75		70-130	1		30
1,2-Dibromoethane	94		95		70-130	1		30
1,3-Dichloropropane	92		91		69-130	1		30
1,1,1,2-Tetrachloroethane	96		95		70-130	1		30
Bromobenzene	93		92		70-130	1		30
n-Butylbenzene	86		82		70-130	5		30
sec-Butylbenzene	86		83		70-130	4		30
tert-Butylbenzene	86		86		70-130	0		30
o-Chlorotoluene	87		87		70-130	0		30
p-Chlorotoluene	88		85		70-130	3		30
1,2-Dibromo-3-chloropropane	82		80		68-130	2		30
Hexachlorobutadiene	84		83		67-130	1		30
Isopropylbenzene	86		84		70-130	2		30
p-Isopropyltoluene	87		85		70-130	2		30
Naphthalene	95		94		70-130	1		30
Acrylonitrile	82		83		70-130	1		30
n-Propylbenzene	85		82		70-130	4		30
1,2,3-Trichlorobenzene	96		95		70-130	1		30
1,2,4-Trichlorobenzene	95		92		70-130	3		30
1,3,5-Trimethylbenzene	88		85		70-130	3		30
1,2,4-Trimethylbenzene	89		86		70-130	3		30
1,4-Dioxane	86		87		65-136	1		30
p-Diethylbenzene	87		85		70-130	2		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 8

Lab Number: L2354976
Report Date: 09/26/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 04,06,08,10 Batch: WG1831703-3 WG1831703-4								
p-Ethyltoluene	86		84		70-130	2		30
1,2,4,5-Tetramethylbenzene	91		89		70-130	2		30
Ethyl ether	101		99		67-130	2		30
trans-1,4-Dichloro-2-butene	87		86		70-130	1		30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	87		88		70-130
Toluene-d8	96		96		70-130
4-Bromofluorobenzene	95		97		70-130
Dibromofluoromethane	94		93		70-130

SEMIVOLATILES

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 8

Lab Number: L2354976
Report Date: 09/26/23

SAMPLE RESULTS

Lab ID: L2354976-01
Client ID: COMP_B2(0-7)
Sample Location: Not Specified

Date Collected: 09/19/23 09:15
Date Received: 09/19/23
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 09/21/23 14:35
Analyst: IM
Percent Solids: 86%

Extraction Method: EPA 3546
Extraction Date: 09/20/23 15:57

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	150	20.	1
1,2,4-Trichlorobenzene	ND		ug/kg	190	22.	1
Hexachlorobenzene	ND		ug/kg	120	21.	1
Bis(2-chloroethyl)ether	ND		ug/kg	170	26.	1
2-Chloronaphthalene	ND		ug/kg	190	19.	1
1,2-Dichlorobenzene	ND		ug/kg	190	34.	1
1,3-Dichlorobenzene	ND		ug/kg	190	33.	1
1,4-Dichlorobenzene	ND		ug/kg	190	33.	1
3,3'-Dichlorobenzidine	ND		ug/kg	190	51.	1
2,4-Dinitrotoluene	ND		ug/kg	190	38.	1
2,6-Dinitrotoluene	ND		ug/kg	190	33.	1
Fluoranthene	ND		ug/kg	120	22.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	190	20.	1
4-Bromophenyl phenyl ether	ND		ug/kg	190	29.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	230	33.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	210	19.	1
Hexachlorobutadiene	ND		ug/kg	190	28.	1
Hexachlorocyclopentadiene	ND		ug/kg	550	170	1
Hexachloroethane	ND		ug/kg	150	31.	1
Isophorone	ND		ug/kg	170	25.	1
Naphthalene	24	J	ug/kg	190	23.	1
Nitrobenzene	ND		ug/kg	170	28.	1
NDPA/DPA	ND		ug/kg	150	22.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	190	30.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	190	66.	1
Butyl benzyl phthalate	ND		ug/kg	190	48.	1
Di-n-butylphthalate	ND		ug/kg	190	36.	1
Di-n-octylphthalate	ND		ug/kg	190	65.	1

Project Name: SUN VALLEY NURSERY FILLING STA**Lab Number:** L2354976**Project Number:** 12060 / PHASE 8**Report Date:** 09/26/23**SAMPLE RESULTS**

Lab ID: L2354976-01
 Client ID: COMP_B2(0-7)
 Sample Location: Not Specified

Date Collected: 09/19/23 09:15
 Date Received: 09/19/23
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Diethyl phthalate	ND		ug/kg	190	18.	1
Dimethyl phthalate	ND		ug/kg	190	40.	1
Benzo(a)anthracene	ND		ug/kg	120	22.	1
Benzo(a)pyrene	ND		ug/kg	150	47.	1
Benzo(b)fluoranthene	ND		ug/kg	120	32.	1
Benzo(k)fluoranthene	ND		ug/kg	120	31.	1
Chrysene	ND		ug/kg	120	20.	1
Acenaphthylene	ND		ug/kg	150	30.	1
Anthracene	ND		ug/kg	120	37.	1
Benzo(ghi)perylene	ND		ug/kg	150	22.	1
Fluorene	ND		ug/kg	190	19.	1
Phenanthrene	ND		ug/kg	120	23.	1
Dibenzo(a,h)anthracene	ND		ug/kg	120	22.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	150	27.	1
Pyrene	ND		ug/kg	120	19.	1
Biphenyl	ND		ug/kg	440	25.	1
4-Chloroaniline	ND		ug/kg	190	35.	1
2-Nitroaniline	ND		ug/kg	190	37.	1
3-Nitroaniline	ND		ug/kg	190	36.	1
4-Nitroaniline	ND		ug/kg	190	79.	1
Dibenzofuran	ND		ug/kg	190	18.	1
2-Methylnaphthalene	ND		ug/kg	230	23.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	190	20.	1
Acetophenone	ND		ug/kg	190	24.	1
2,4,6-Trichlorophenol	ND		ug/kg	120	36.	1
p-Chloro-m-cresol	ND		ug/kg	190	28.	1
2-Chlorophenol	ND		ug/kg	190	23.	1
2,4-Dichlorophenol	ND		ug/kg	170	31.	1
2,4-Dimethylphenol	ND		ug/kg	190	63.	1
2-Nitrophenol	ND		ug/kg	410	72.	1
4-Nitrophenol	ND		ug/kg	270	78.	1
2,4-Dinitrophenol	ND		ug/kg	920	89.	1
4,6-Dinitro-o-cresol	ND		ug/kg	500	92.	1
Pentachlorophenol	ND		ug/kg	150	42.	1
Phenol	ND		ug/kg	190	29.	1
2-Methylphenol	ND		ug/kg	190	30.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	280	30.	1

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 8

Lab Number: L2354976
Report Date: 09/26/23

SAMPLE RESULTS

Lab ID: L2354976-01
Client ID: COMP_B2(0-7)
Sample Location: Not Specified

Date Collected: 09/19/23 09:15
Date Received: 09/19/23
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	190	37.	1
Benzoic Acid	ND		ug/kg	620	190	1
Benzyl Alcohol	ND		ug/kg	190	59.	1
Carbazole	ND		ug/kg	190	19.	1
1,4-Dioxane	ND		ug/kg	29	8.8	1

Tentatively Identified Compounds

No Tentatively Identified Compounds	ND	ug/kg	1
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Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	81		25-120
Phenol-d6	75		10-120
Nitrobenzene-d5	71		23-120
2-Fluorobiphenyl	66		30-120
2,4,6-Tribromophenol	81		10-136
4-Terphenyl-d14	68		18-120

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 8

Lab Number: L2354976
Report Date: 09/26/23

SAMPLE RESULTS

Lab ID: L2354976-03
Client ID: COMP_B2(7-14)
Sample Location: Not Specified

Date Collected: 09/19/23 09:30
Date Received: 09/19/23
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 09/21/23 14:59
Analyst: IM
Percent Solids: 88%

Extraction Method: EPA 3546
Extraction Date: 09/20/23 15:57

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	150	19.	1
1,2,4-Trichlorobenzene	ND		ug/kg	180	21.	1
Hexachlorobenzene	ND		ug/kg	110	21.	1
Bis(2-chloroethyl)ether	ND		ug/kg	170	25.	1
2-Chloronaphthalene	ND		ug/kg	180	18.	1
1,2-Dichlorobenzene	ND		ug/kg	180	33.	1
1,3-Dichlorobenzene	ND		ug/kg	180	32.	1
1,4-Dichlorobenzene	ND		ug/kg	180	32.	1
3,3'-Dichlorobenzidine	ND		ug/kg	180	49.	1
2,4-Dinitrotoluene	ND		ug/kg	180	37.	1
2,6-Dinitrotoluene	ND		ug/kg	180	32.	1
Fluoranthene	ND		ug/kg	110	21.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	180	20.	1
4-Bromophenyl phenyl ether	ND		ug/kg	180	28.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	220	32.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	200	19.	1
Hexachlorobutadiene	ND		ug/kg	180	27.	1
Hexachlorocyclopentadiene	ND		ug/kg	530	170	1
Hexachloroethane	ND		ug/kg	150	30.	1
Isophorone	ND		ug/kg	170	24.	1
Naphthalene	ND		ug/kg	180	23.	1
Nitrobenzene	ND		ug/kg	170	27.	1
NDPA/DPA	ND		ug/kg	150	21.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	180	29.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	180	64.	1
Butyl benzyl phthalate	ND		ug/kg	180	47.	1
Di-n-butylphthalate	ND		ug/kg	180	35.	1
Di-n-octylphthalate	ND		ug/kg	180	63.	1

Project Name: SUN VALLEY NURSERY FILLING STA**Lab Number:** L2354976**Project Number:** 12060 / PHASE 8**Report Date:** 09/26/23**SAMPLE RESULTS**

Lab ID: L2354976-03
 Client ID: COMP_B2(7-14)
 Sample Location: Not Specified

Date Collected: 09/19/23 09:30
 Date Received: 09/19/23
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Diethyl phthalate	ND		ug/kg	180	17.	1
Dimethyl phthalate	ND		ug/kg	180	39.	1
Benzo(a)anthracene	ND		ug/kg	110	21.	1
Benzo(a)pyrene	ND		ug/kg	150	45.	1
Benzo(b)fluoranthene	ND		ug/kg	110	31.	1
Benzo(k)fluoranthene	ND		ug/kg	110	30.	1
Chrysene	ND		ug/kg	110	19.	1
Acenaphthylene	ND		ug/kg	150	29.	1
Anthracene	ND		ug/kg	110	36.	1
Benzo(ghi)perylene	ND		ug/kg	150	22.	1
Fluorene	ND		ug/kg	180	18.	1
Phenanthrene	ND		ug/kg	110	22.	1
Dibenzo(a,h)anthracene	ND		ug/kg	110	21.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	150	26.	1
Pyrene	ND		ug/kg	110	18.	1
Biphenyl	ND		ug/kg	420	24.	1
4-Chloroaniline	ND		ug/kg	180	34.	1
2-Nitroaniline	ND		ug/kg	180	36.	1
3-Nitroaniline	ND		ug/kg	180	35.	1
4-Nitroaniline	ND		ug/kg	180	77.	1
Dibenzofuran	ND		ug/kg	180	18.	1
2-Methylnaphthalene	ND		ug/kg	220	22.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	180	19.	1
Acetophenone	ND		ug/kg	180	23.	1
2,4,6-Trichlorophenol	ND		ug/kg	110	35.	1
p-Chloro-m-cresol	ND		ug/kg	180	28.	1
2-Chlorophenol	ND		ug/kg	180	22.	1
2,4-Dichlorophenol	ND		ug/kg	170	30.	1
2,4-Dimethylphenol	ND		ug/kg	180	61.	1
2-Nitrophenol	ND		ug/kg	400	70.	1
4-Nitrophenol	ND		ug/kg	260	76.	1
2,4-Dinitrophenol	ND		ug/kg	890	86.	1
4,6-Dinitro-o-cresol	ND		ug/kg	480	89.	1
Pentachlorophenol	ND		ug/kg	150	41.	1
Phenol	ND		ug/kg	180	28.	1
2-Methylphenol	ND		ug/kg	180	29.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	270	29.	1

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 8

Lab Number: L2354976
Report Date: 09/26/23

SAMPLE RESULTS

Lab ID: L2354976-03
Client ID: COMP_B2(7-14)
Sample Location: Not Specified

Date Collected: 09/19/23 09:30
Date Received: 09/19/23
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	180	36.	1
Benzoic Acid	ND		ug/kg	600	190	1
Benzyl Alcohol	ND		ug/kg	180	57.	1
Carbazole	ND		ug/kg	180	18.	1
1,4-Dioxane	ND		ug/kg	28	8.5	1

Tentatively Identified Compounds

No Tentatively Identified Compounds	ND	ug/kg	1
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Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	83		25-120
Phenol-d6	80		10-120
Nitrobenzene-d5	72		23-120
2-Fluorobiphenyl	68		30-120
2,4,6-Tribromophenol	88		10-136
4-Terphenyl-d14	76		18-120

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 8

Lab Number: L2354976
Report Date: 09/26/23

SAMPLE RESULTS

Lab ID: L2354976-05
Client ID: COMP_B2(14-21)
Sample Location: Not Specified

Date Collected: 09/19/23 09:45
Date Received: 09/19/23
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 09/21/23 15:23
Analyst: IM
Percent Solids: 90%

Extraction Method: EPA 3546
Extraction Date: 09/20/23 15:57

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	150	19.	1
1,2,4-Trichlorobenzene	ND		ug/kg	180	21.	1
Hexachlorobenzene	ND		ug/kg	110	20.	1
Bis(2-chloroethyl)ether	ND		ug/kg	160	25.	1
2-Chloronaphthalene	ND		ug/kg	180	18.	1
1,2-Dichlorobenzene	ND		ug/kg	180	33.	1
1,3-Dichlorobenzene	ND		ug/kg	180	31.	1
1,4-Dichlorobenzene	ND		ug/kg	180	32.	1
3,3'-Dichlorobenzidine	ND		ug/kg	180	49.	1
2,4-Dinitrotoluene	ND		ug/kg	180	36.	1
2,6-Dinitrotoluene	ND		ug/kg	180	31.	1
Fluoranthene	ND		ug/kg	110	21.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	180	20.	1
4-Bromophenyl phenyl ether	ND		ug/kg	180	28.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	220	31.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	200	18.	1
Hexachlorobutadiene	ND		ug/kg	180	27.	1
Hexachlorocyclopentadiene	ND		ug/kg	520	160	1
Hexachloroethane	ND		ug/kg	150	30.	1
Isophorone	ND		ug/kg	160	24.	1
Naphthalene	ND		ug/kg	180	22.	1
Nitrobenzene	ND		ug/kg	160	27.	1
NDPA/DPA	ND		ug/kg	150	21.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	180	28.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	180	63.	1
Butyl benzyl phthalate	ND		ug/kg	180	46.	1
Di-n-butylphthalate	ND		ug/kg	180	35.	1
Di-n-octylphthalate	ND		ug/kg	180	62.	1

Project Name: SUN VALLEY NURSERY FILLING STA**Lab Number:** L2354976**Project Number:** 12060 / PHASE 8**Report Date:** 09/26/23**SAMPLE RESULTS**

Lab ID: L2354976-05
Client ID: COMP_B2(14-21)
Sample Location: Not Specified

Date Collected: 09/19/23 09:45
Date Received: 09/19/23
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Diethyl phthalate	ND		ug/kg	180	17.	1
Dimethyl phthalate	ND		ug/kg	180	38.	1
Benzo(a)anthracene	ND		ug/kg	110	21.	1
Benzo(a)pyrene	ND		ug/kg	150	45.	1
Benzo(b)fluoranthene	ND		ug/kg	110	31.	1
Benzo(k)fluoranthene	ND		ug/kg	110	29.	1
Chrysene	ND		ug/kg	110	19.	1
Acenaphthylene	ND		ug/kg	150	28.	1
Anthracene	ND		ug/kg	110	36.	1
Benzo(ghi)perylene	ND		ug/kg	150	22.	1
Fluorene	ND		ug/kg	180	18.	1
Phenanthrene	ND		ug/kg	110	22.	1
Dibenzo(a,h)anthracene	ND		ug/kg	110	21.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	150	26.	1
Pyrene	ND		ug/kg	110	18.	1
Biphenyl	ND		ug/kg	420	24.	1
4-Chloroaniline	ND		ug/kg	180	33.	1
2-Nitroaniline	ND		ug/kg	180	35.	1
3-Nitroaniline	ND		ug/kg	180	34.	1
4-Nitroaniline	ND		ug/kg	180	76.	1
Dibenzofuran	ND		ug/kg	180	17.	1
2-Methylnaphthalene	ND		ug/kg	220	22.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	180	19.	1
Acetophenone	ND		ug/kg	180	23.	1
2,4,6-Trichlorophenol	ND		ug/kg	110	35.	1
p-Chloro-m-cresol	ND		ug/kg	180	27.	1
2-Chlorophenol	ND		ug/kg	180	22.	1
2,4-Dichlorophenol	ND		ug/kg	160	29.	1
2,4-Dimethylphenol	ND		ug/kg	180	60.	1
2-Nitrophenol	ND		ug/kg	400	69.	1
4-Nitrophenol	ND		ug/kg	260	75.	1
2,4-Dinitrophenol	ND		ug/kg	880	85.	1
4,6-Dinitro-o-cresol	ND		ug/kg	480	88.	1
Pentachlorophenol	ND		ug/kg	150	40.	1
Phenol	ND		ug/kg	180	28.	1
2-Methylphenol	ND		ug/kg	180	28.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	260	29.	1

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 8

Lab Number: L2354976
Report Date: 09/26/23

SAMPLE RESULTS

Lab ID: L2354976-05
Client ID: COMP_B2(14-21)
Sample Location: Not Specified

Date Collected: 09/19/23 09:45
Date Received: 09/19/23
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	180	35.	1
Benzoic Acid	ND		ug/kg	590	180	1
Benzyl Alcohol	ND		ug/kg	180	56.	1
Carbazole	ND		ug/kg	180	18.	1
1,4-Dioxane	ND		ug/kg	27	8.4	1

Tentatively Identified Compounds

No Tentatively Identified Compounds	ND	ug/kg	1
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Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	89		25-120
Phenol-d6	85		10-120
Nitrobenzene-d5	76		23-120
2-Fluorobiphenyl	74		30-120
2,4,6-Tribromophenol	93		10-136
4-Terphenyl-d14	79		18-120

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 8

Lab Number: L2354976
Report Date: 09/26/23

SAMPLE RESULTS

Lab ID: L2354976-07
Client ID: COMP_E2(0-7)
Sample Location: Not Specified

Date Collected: 09/19/23 11:45
Date Received: 09/19/23
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 09/21/23 15:46
Analyst: IM
Percent Solids: 89%

Extraction Method: EPA 3546
Extraction Date: 09/20/23 15:57

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	140	19.	1
1,2,4-Trichlorobenzene	ND		ug/kg	180	21.	1
Hexachlorobenzene	ND		ug/kg	110	20.	1
Bis(2-chloroethyl)ether	ND		ug/kg	160	25.	1
2-Chloronaphthalene	ND		ug/kg	180	18.	1
1,2-Dichlorobenzene	ND		ug/kg	180	33.	1
1,3-Dichlorobenzene	ND		ug/kg	180	31.	1
1,4-Dichlorobenzene	ND		ug/kg	180	32.	1
3,3'-Dichlorobenzidine	ND		ug/kg	180	48.	1
2,4-Dinitrotoluene	ND		ug/kg	180	36.	1
2,6-Dinitrotoluene	ND		ug/kg	180	31.	1
Fluoranthene	ND		ug/kg	110	21.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	180	19.	1
4-Bromophenyl phenyl ether	ND		ug/kg	180	28.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	220	31.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	200	18.	1
Hexachlorobutadiene	ND		ug/kg	180	27.	1
Hexachlorocyclopentadiene	ND		ug/kg	520	160	1
Hexachloroethane	ND		ug/kg	140	29.	1
Isophorone	ND		ug/kg	160	24.	1
Naphthalene	ND		ug/kg	180	22.	1
Nitrobenzene	ND		ug/kg	160	27.	1
NDPA/DPA	ND		ug/kg	140	21.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	180	28.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	180	63.	1
Butyl benzyl phthalate	ND		ug/kg	180	46.	1
Di-n-butylphthalate	ND		ug/kg	180	34.	1
Di-n-octylphthalate	ND		ug/kg	180	62.	1

Project Name: SUN VALLEY NURSERY FILLING STA**Lab Number:** L2354976**Project Number:** 12060 / PHASE 8**Report Date:** 09/26/23**SAMPLE RESULTS**

Lab ID: L2354976-07
 Client ID: COMP_E2(0-7)
 Sample Location: Not Specified

Date Collected: 09/19/23 11:45
 Date Received: 09/19/23
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Diethyl phthalate	ND		ug/kg	180	17.	1
Dimethyl phthalate	ND		ug/kg	180	38.	1
Benzo(a)anthracene	ND		ug/kg	110	20.	1
Benzo(a)pyrene	ND		ug/kg	140	44.	1
Benzo(b)fluoranthene	ND		ug/kg	110	31.	1
Benzo(k)fluoranthene	ND		ug/kg	110	29.	1
Chrysene	ND		ug/kg	110	19.	1
Acenaphthylene	ND		ug/kg	140	28.	1
Anthracene	ND		ug/kg	110	35.	1
Benzo(ghi)perylene	ND		ug/kg	140	21.	1
Fluorene	ND		ug/kg	180	18.	1
Phenanthrene	ND		ug/kg	110	22.	1
Dibenzo(a,h)anthracene	ND		ug/kg	110	21.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	140	25.	1
Pyrene	ND		ug/kg	110	18.	1
Biphenyl	ND		ug/kg	410	24.	1
4-Chloroaniline	ND		ug/kg	180	33.	1
2-Nitroaniline	ND		ug/kg	180	35.	1
3-Nitroaniline	ND		ug/kg	180	34.	1
4-Nitroaniline	ND		ug/kg	180	75.	1
Dibenzofuran	ND		ug/kg	180	17.	1
2-Methylnaphthalene	ND		ug/kg	220	22.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	180	19.	1
Acetophenone	ND		ug/kg	180	22.	1
2,4,6-Trichlorophenol	ND		ug/kg	110	34.	1
p-Chloro-m-cresol	ND		ug/kg	180	27.	1
2-Chlorophenol	ND		ug/kg	180	21.	1
2,4-Dichlorophenol	ND		ug/kg	160	29.	1
2,4-Dimethylphenol	ND		ug/kg	180	60.	1
2-Nitrophenol	ND		ug/kg	390	68.	1
4-Nitrophenol	ND		ug/kg	250	74.	1
2,4-Dinitrophenol	ND		ug/kg	870	85.	1
4,6-Dinitro-o-cresol	ND		ug/kg	470	87.	1
Pentachlorophenol	ND		ug/kg	140	40.	1
Phenol	ND		ug/kg	180	27.	1
2-Methylphenol	ND		ug/kg	180	28.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	260	28.	1

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 8

Lab Number: L2354976
Report Date: 09/26/23

SAMPLE RESULTS

Lab ID: L2354976-07
Client ID: COMP_E2(0-7)
Sample Location: Not Specified

Date Collected: 09/19/23 11:45
Date Received: 09/19/23
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	180	35.	1
Benzoic Acid	ND		ug/kg	590	180	1
Benzyl Alcohol	ND		ug/kg	180	56.	1
Carbazole	ND		ug/kg	180	18.	1
1,4-Dioxane	ND		ug/kg	27	8.4	1

Tentatively Identified Compounds

No Tentatively Identified Compounds	ND	ug/kg	1
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Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	78		25-120
Phenol-d6	74		10-120
Nitrobenzene-d5	68		23-120
2-Fluorobiphenyl	65		30-120
2,4,6-Tribromophenol	84		10-136
4-Terphenyl-d14	72		18-120

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 8

Lab Number: L2354976
Report Date: 09/26/23

SAMPLE RESULTS

Lab ID: L2354976-09
Client ID: COMP_E2(7-14)
Sample Location: Not Specified

Date Collected: 09/19/23 11:50
Date Received: 09/19/23
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 09/21/23 16:10
Analyst: IM
Percent Solids: 89%

Extraction Method: EPA 3546
Extraction Date: 09/20/23 15:57

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	150	19.	1
1,2,4-Trichlorobenzene	ND		ug/kg	180	21.	1
Hexachlorobenzene	ND		ug/kg	110	21.	1
Bis(2-chloroethyl)ether	ND		ug/kg	170	25.	1
2-Chloronaphthalene	ND		ug/kg	180	18.	1
1,2-Dichlorobenzene	ND		ug/kg	180	33.	1
1,3-Dichlorobenzene	ND		ug/kg	180	32.	1
1,4-Dichlorobenzene	ND		ug/kg	180	32.	1
3,3'-Dichlorobenzidine	ND		ug/kg	180	49.	1
2,4-Dinitrotoluene	ND		ug/kg	180	37.	1
2,6-Dinitrotoluene	ND		ug/kg	180	32.	1
Fluoranthene	ND		ug/kg	110	21.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	180	20.	1
4-Bromophenyl phenyl ether	ND		ug/kg	180	28.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	220	32.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	200	18.	1
Hexachlorobutadiene	ND		ug/kg	180	27.	1
Hexachlorocyclopentadiene	ND		ug/kg	530	170	1
Hexachloroethane	ND		ug/kg	150	30.	1
Isophorone	ND		ug/kg	170	24.	1
Naphthalene	ND		ug/kg	180	22.	1
Nitrobenzene	ND		ug/kg	170	27.	1
NDPA/DPA	ND		ug/kg	150	21.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	180	29.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	180	64.	1
Butyl benzyl phthalate	ND		ug/kg	180	47.	1
Di-n-butylphthalate	ND		ug/kg	180	35.	1
Di-n-octylphthalate	ND		ug/kg	180	63.	1

Project Name: SUN VALLEY NURSERY FILLING STA**Lab Number:** L2354976**Project Number:** 12060 / PHASE 8**Report Date:** 09/26/23**SAMPLE RESULTS**

Lab ID: L2354976-09
 Client ID: COMP_E2(7-14)
 Sample Location: Not Specified

Date Collected: 09/19/23 11:50
 Date Received: 09/19/23
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Diethyl phthalate	ND		ug/kg	180	17.	1
Dimethyl phthalate	ND		ug/kg	180	39.	1
Benzo(a)anthracene	ND		ug/kg	110	21.	1
Benzo(a)pyrene	ND		ug/kg	150	45.	1
Benzo(b)fluoranthene	ND		ug/kg	110	31.	1
Benzo(k)fluoranthene	ND		ug/kg	110	30.	1
Chrysene	ND		ug/kg	110	19.	1
Acenaphthylene	ND		ug/kg	150	29.	1
Anthracene	ND		ug/kg	110	36.	1
Benzo(ghi)perylene	ND		ug/kg	150	22.	1
Fluorene	ND		ug/kg	180	18.	1
Phenanthrene	ND		ug/kg	110	22.	1
Dibenzo(a,h)anthracene	ND		ug/kg	110	21.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	150	26.	1
Pyrene	ND		ug/kg	110	18.	1
Biphenyl	ND		ug/kg	420	24.	1
4-Chloroaniline	ND		ug/kg	180	34.	1
2-Nitroaniline	ND		ug/kg	180	36.	1
3-Nitroaniline	ND		ug/kg	180	35.	1
4-Nitroaniline	ND		ug/kg	180	77.	1
Dibenzofuran	ND		ug/kg	180	18.	1
2-Methylnaphthalene	ND		ug/kg	220	22.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	180	19.	1
Acetophenone	ND		ug/kg	180	23.	1
2,4,6-Trichlorophenol	ND		ug/kg	110	35.	1
p-Chloro-m-cresol	ND		ug/kg	180	28.	1
2-Chlorophenol	ND		ug/kg	180	22.	1
2,4-Dichlorophenol	ND		ug/kg	170	30.	1
2,4-Dimethylphenol	ND		ug/kg	180	61.	1
2-Nitrophenol	ND		ug/kg	400	70.	1
4-Nitrophenol	ND		ug/kg	260	76.	1
2,4-Dinitrophenol	ND		ug/kg	890	86.	1
4,6-Dinitro-o-cresol	ND		ug/kg	480	89.	1
Pentachlorophenol	ND		ug/kg	150	41.	1
Phenol	ND		ug/kg	180	28.	1
2-Methylphenol	ND		ug/kg	180	29.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	270	29.	1

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 8

Lab Number: L2354976
Report Date: 09/26/23

SAMPLE RESULTS

Lab ID: L2354976-09
Client ID: COMP_E2(7-14)
Sample Location: Not Specified

Date Collected: 09/19/23 11:50
Date Received: 09/19/23
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	180	36.	1
Benzoic Acid	ND		ug/kg	600	190	1
Benzyl Alcohol	ND		ug/kg	180	57.	1
Carbazole	ND		ug/kg	180	18.	1
1,4-Dioxane	ND		ug/kg	28	8.5	1

Tentatively Identified Compounds

No Tentatively Identified Compounds	ND	ug/kg	1
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Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	74		25-120
Phenol-d6	71		10-120
Nitrobenzene-d5	65		23-120
2-Fluorobiphenyl	62		30-120
2,4,6-Tribromophenol	80		10-136
4-Terphenyl-d14	67		18-120

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 8

Lab Number: L2354976
Report Date: 09/26/23

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 09/21/23 13:24
Analyst: IM

Extraction Method: EPA 3546
Extraction Date: 09/20/23 15:57

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01,03,05,07,09 Batch: WG1829892-1					
Acenaphthene	ND		ug/kg	130	17.
1,2,4-Trichlorobenzene	ND		ug/kg	160	19.
Hexachlorobenzene	ND		ug/kg	98	18.
Bis(2-chloroethyl)ether	ND		ug/kg	150	22.
2-Chloronaphthalene	ND		ug/kg	160	16.
1,2-Dichlorobenzene	ND		ug/kg	160	29.
1,3-Dichlorobenzene	ND		ug/kg	160	28.
1,4-Dichlorobenzene	ND		ug/kg	160	28.
3,3'-Dichlorobenzidine	ND		ug/kg	160	43.
2,4-Dinitrotoluene	ND		ug/kg	160	33.
2,6-Dinitrotoluene	ND		ug/kg	160	28.
Fluoranthene	ND		ug/kg	98	19.
4-Chlorophenyl phenyl ether	ND		ug/kg	160	17.
4-Bromophenyl phenyl ether	ND		ug/kg	160	25.
Bis(2-chloroisopropyl)ether	ND		ug/kg	200	28.
Bis(2-chloroethoxy)methane	ND		ug/kg	180	16.
Hexachlorobutadiene	ND		ug/kg	160	24.
Hexachlorocyclopentadiene	ND		ug/kg	470	150
Hexachloroethane	ND		ug/kg	130	26.
Isophorone	ND		ug/kg	150	21.
Naphthalene	ND		ug/kg	160	20.
Nitrobenzene	ND		ug/kg	150	24.
NDPA/DPA	ND		ug/kg	130	18.
n-Nitrosodi-n-propylamine	ND		ug/kg	160	25.
Bis(2-ethylhexyl)phthalate	ND		ug/kg	160	56.
Butyl benzyl phthalate	ND		ug/kg	160	41.
Di-n-butylphthalate	ND		ug/kg	160	31.
Di-n-octylphthalate	ND		ug/kg	160	56.
Diethyl phthalate	ND		ug/kg	160	15.

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 8

Lab Number: L2354976
Report Date: 09/26/23

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 09/21/23 13:24
Analyst: IM

Extraction Method: EPA 3546
Extraction Date: 09/20/23 15:57

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01,03,05,07,09 Batch: WG1829892-1					
Dimethyl phthalate	ND		ug/kg	160	34.
Benzo(a)anthracene	ND		ug/kg	98	18.
Benzo(a)pyrene	ND		ug/kg	130	40.
Benzo(b)fluoranthene	ND		ug/kg	98	27.
Benzo(k)fluoranthene	ND		ug/kg	98	26.
Chrysene	ND		ug/kg	98	17.
Acenaphthylene	ND		ug/kg	130	25.
Anthracene	ND		ug/kg	98	32.
Benzo(ghi)perylene	ND		ug/kg	130	19.
Fluorene	ND		ug/kg	160	16.
Phenanthrene	ND		ug/kg	98	20.
Dibenzo(a,h)anthracene	ND		ug/kg	98	19.
Indeno(1,2,3-cd)pyrene	ND		ug/kg	130	23.
Pyrene	ND		ug/kg	98	16.
Biphenyl	ND		ug/kg	370	21.
4-Chloroaniline	ND		ug/kg	160	30.
2-Nitroaniline	ND		ug/kg	160	31.
3-Nitroaniline	ND		ug/kg	160	31.
4-Nitroaniline	ND		ug/kg	160	68.
Dibenzofuran	ND		ug/kg	160	15.
2-Methylnaphthalene	ND		ug/kg	200	20.
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	160	17.
Acetophenone	ND		ug/kg	160	20.
2,4,6-Trichlorophenol	ND		ug/kg	98	31.
p-Chloro-m-cresol	ND		ug/kg	160	24.
2-Chlorophenol	ND		ug/kg	160	19.
2,4-Dichlorophenol	ND		ug/kg	150	26.
2,4-Dimethylphenol	ND		ug/kg	160	54.
2-Nitrophenol	ND		ug/kg	350	61.

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 8

Lab Number: L2354976
Report Date: 09/26/23

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 09/21/23 13:24
Analyst: IM

Extraction Method: EPA 3546
Extraction Date: 09/20/23 15:57

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatiles Organics by GC/MS - Westborough Lab for sample(s): 01,03,05,07,09 Batch: WG1829892-1					
4-Nitrophenol	ND		ug/kg	230	67.
2,4-Dinitrophenol	ND		ug/kg	780	76.
4,6-Dinitro-o-cresol	ND		ug/kg	420	78.
Pentachlorophenol	ND		ug/kg	130	36.
Phenol	ND		ug/kg	160	25.
2-Methylphenol	ND		ug/kg	160	25.
3-Methylphenol/4-Methylphenol	ND		ug/kg	240	26.
2,4,5-Trichlorophenol	ND		ug/kg	160	31.
Benzoic Acid	ND		ug/kg	530	160
Benzyl Alcohol	ND		ug/kg	160	50.
Carbazole	ND		ug/kg	160	16.
1,4-Dioxane	ND		ug/kg	24	7.5

Tentatively Identified Compounds

No Tentatively Identified Compounds ND ug/kg

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	84		25-120
Phenol-d6	81		10-120
Nitrobenzene-d5	73		23-120
2-Fluorobiphenyl	69		30-120
2,4,6-Tribromophenol	84		10-136
4-Terphenyl-d14	79		18-120

Lab Control Sample Analysis **Batch Quality Control**

Project Name: SUN VALLEY NURSERY FILLING STA

Lab Number: L2354976

Project Number: 12060 / PHASE 8

Report Date: 09/26/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01,03,05,07,09 Batch: WG1829892-2 WG1829892-3								
Acenaphthene	72		76		31-137	5		50
1,2,4-Trichlorobenzene	67		70		38-107	4		50
Hexachlorobenzene	75		77		40-140	3		50
Bis(2-chloroethyl)ether	70		73		40-140	4		50
2-Chloronaphthalene	69		71		40-140	3		50
1,2-Dichlorobenzene	70		73		40-140	4		50
1,3-Dichlorobenzene	69		73		40-140	6		50
1,4-Dichlorobenzene	69		74		28-104	7		50
3,3'-Dichlorobenzidine	67		68		40-140	1		50
2,4-Dinitrotoluene	79		81		40-132	3		50
2,6-Dinitrotoluene	72		74		40-140	3		50
Fluoranthene	74		75		40-140	1		50
4-Chlorophenyl phenyl ether	70		74		40-140	6		50
4-Bromophenyl phenyl ether	72		74		40-140	3		50
Bis(2-chloroisopropyl)ether	79		80		40-140	1		50
Bis(2-chloroethoxy)methane	72		75		40-117	4		50
Hexachlorobutadiene	58		62		40-140	7		50
Hexachlorocyclopentadiene	63		66		40-140	5		50
Hexachloroethane	68		70		40-140	3		50
Isophorone	68		70		40-140	3		50
Naphthalene	72		73		40-140	1		50
Nitrobenzene	69		72		40-140	4		50
NDPA/DPA	78		78		36-157	0		50

Lab Control Sample Analysis **Batch Quality Control**

Project Name: SUN VALLEY NURSERY FILLING STA

Lab Number: L2354976

Project Number: 12060 / PHASE 8

Report Date: 09/26/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01,03,05,07,09 Batch: WG1829892-2 WG1829892-3								
n-Nitrosodi-n-propylamine	69		71		32-121	3		50
Bis(2-ethylhexyl)phthalate	91		94		40-140	3		50
Butyl benzyl phthalate	82		84		40-140	2		50
Di-n-butylphthalate	85		85		40-140	0		50
Di-n-octylphthalate	89		95		40-140	7		50
Diethyl phthalate	78		80		40-140	3		50
Dimethyl phthalate	71		71		40-140	0		50
Benzo(a)anthracene	74		77		40-140	4		50
Benzo(a)pyrene	79		87		40-140	10		50
Benzo(b)fluoranthene	74		80		40-140	8		50
Benzo(k)fluoranthene	81		86		40-140	6		50
Chrysene	79		83		40-140	5		50
Acenaphthylene	73		73		40-140	0		50
Anthracene	78		79		40-140	1		50
Benzo(ghi)perylene	74		77		40-140	4		50
Fluorene	77		79		40-140	3		50
Phenanthrene	77		77		40-140	0		50
Dibenzo(a,h)anthracene	74		77		40-140	4		50
Indeno(1,2,3-cd)pyrene	73		76		40-140	4		50
Pyrene	76		77		35-142	1		50
Biphenyl	77		78		37-127	1		50
4-Chloroaniline	71		67		40-140	6		50
2-Nitroaniline	78		77		47-134	1		50

Lab Control Sample Analysis Batch Quality Control

Project Name: SUN VALLEY NURSERY FILLING STA

Lab Number: L2354976

Project Number: 12060 / PHASE 8

Report Date: 09/26/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01,03,05,07,09 Batch: WG1829892-2 WG1829892-3								
3-Nitroaniline	77		76		26-129	1		50
4-Nitroaniline	92		90		41-125	2		50
Dibenzofuran	75		78		40-140	4		50
2-Methylnaphthalene	73		76		40-140	4		50
1,2,4,5-Tetrachlorobenzene	67		68		40-117	1		50
Acetophenone	79		82		14-144	4		50
2,4,6-Trichlorophenol	71		73		30-130	3		50
p-Chloro-m-cresol	77		77		26-103	0		50
2-Chlorophenol	77		81		25-102	5		50
2,4-Dichlorophenol	75		77		30-130	3		50
2,4-Dimethylphenol	76		78		30-130	3		50
2-Nitrophenol	73		76		30-130	4		50
4-Nitrophenol	99		96		11-114	3		50
2,4-Dinitrophenol	69		76		4-130	10		50
4,6-Dinitro-o-cresol	80		84		10-130	5		50
Pentachlorophenol	89		91		17-109	2		50
Phenol	78		81		26-90	4		50
2-Methylphenol	80		83		30-130	4		50
3-Methylphenol/4-Methylphenol	78		80		30-130	3		50
2,4,5-Trichlorophenol	72		74		30-130	3		50
Benzoic Acid	42		58		10-110	32		50
Benzyl Alcohol	75		78		40-140	4		50
Carbazole	82		82		54-128	0		50

Lab Control Sample Analysis**Batch Quality Control****Project Name:** SUN VALLEY NURSERY FILLING STA**Lab Number:** L2354976**Project Number:** 12060 / PHASE 8**Report Date:** 09/26/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01,03,05,07,09 Batch: WG1829892-2 WG1829892-3								
1,4-Dioxane	59		59		40-140	0		50

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	82		93		25-120
Phenol-d6	77		88		10-120
Nitrobenzene-d5	68		76		23-120
2-Fluorobiphenyl	63		72		30-120
2,4,6-Tribromophenol	78		90		10-136
4-Terphenyl-d14	70		80		18-120

PETROLEUM HYDROCARBONS

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 8

Lab Number: L2354976
Report Date: 09/26/23

SAMPLE RESULTS

Lab ID: L2354976-01
 Client ID: COMP_B2(0-7)
 Sample Location: Not Specified

Date Collected: 09/19/23 09:15
 Date Received: 09/19/23
 Field Prep: Not Specified

Sample Depth:
 Matrix: Soil
 Analytical Method: 103,NJDEP EPH
 Analytical Date: 09/22/23 10:39
 Analyst: CRE
 Percent Solids: 86%

Extraction Method: EPA 3546
 Extraction Date: 09/21/23 11:31

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
NJ Extractable Petroleum Hydrocarbons (Total) - Westborough Lab						
Total EPH	64.9		mg/kg	27.8	27.8	1
Surrogate	% Recovery		Qualifier	Acceptance Criteria		
Chloro-Octadecane	75			40-140		
o-Terphenyl	75			40-140		

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 8

Lab Number: L2354976
Report Date: 09/26/23

SAMPLE RESULTS

Lab ID: L2354976-03
 Client ID: COMP_B2(7-14)
 Sample Location: Not Specified

Date Collected: 09/19/23 09:30
 Date Received: 09/19/23
 Field Prep: Not Specified

Sample Depth:
 Matrix: Soil
 Analytical Method: 103,NJDEP EPH
 Analytical Date: 09/22/23 10:39
 Analyst: CRE
 Percent Solids: 88%

Extraction Method: EPA 3546
 Extraction Date: 09/21/23 11:31

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
NJ Extractable Petroleum Hydrocarbons (Total) - Westborough Lab						
Total EPH	ND		mg/kg	25.9	25.9	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Chloro-Octadecane	68		40-140
o-Terphenyl	75		40-140

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 8

Lab Number: L2354976
Report Date: 09/26/23

SAMPLE RESULTS

Lab ID: L2354976-05
Client ID: COMP_B2(14-21)
Sample Location: Not Specified

Date Collected: 09/19/23 09:45
Date Received: 09/19/23
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 103,NJDEP EPH
Analytical Date: 09/22/23 08:53
Analyst: CRE
Percent Solids: 90%

Extraction Method: EPA 3546
Extraction Date: 09/21/23 11:31

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
NJ Extractable Petroleum Hydrocarbons (Total) - Westborough Lab						
Total EPH	ND		mg/kg	25.0	25.0	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Chloro-Octadecane	70		40-140
o-Terphenyl	77		40-140

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 8

Lab Number: L2354976
Report Date: 09/26/23

SAMPLE RESULTS

Lab ID: L2354976-07
 Client ID: COMP_E2(0-7)
 Sample Location: Not Specified

Date Collected: 09/19/23 11:45
 Date Received: 09/19/23
 Field Prep: Not Specified

Sample Depth:
 Matrix: Soil
 Analytical Method: 103,NJDEP EPH
 Analytical Date: 09/22/23 11:14
 Analyst: CRE
 Percent Solids: 89%

Extraction Method: EPA 3546
 Extraction Date: 09/21/23 11:31

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
NJ Extractable Petroleum Hydrocarbons (Total) - Westborough Lab						
Total EPH	30.5		mg/kg	26.2	26.2	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Chloro-Octadecane	75		40-140
o-Terphenyl	81		40-140

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 8

Lab Number: L2354976
Report Date: 09/26/23

SAMPLE RESULTS

Lab ID: L2354976-09
 Client ID: COMP_E2(7-14)
 Sample Location: Not Specified

Date Collected: 09/19/23 11:50
 Date Received: 09/19/23
 Field Prep: Not Specified

Sample Depth:
 Matrix: Soil
 Analytical Method: 103,NJDEP EPH
 Analytical Date: 09/22/23 09:28
 Analyst: CRE
 Percent Solids: 89%

Extraction Method: EPA 3546
 Extraction Date: 09/21/23 11:31

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
NJ Extractable Petroleum Hydrocarbons (Total) - Westborough Lab						
Total EPH	ND		mg/kg	26.2	26.2	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Chloro-Octadecane	62		40-140
o-Terphenyl	65		40-140

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 8

Lab Number: L2354976
Report Date: 09/26/23

Method Blank Analysis Batch Quality Control

Analytical Method: 103,NJDEP EPH
 Analytical Date: 09/22/23 10:03
 Analyst: CRE

Extraction Method: EPA 3546
 Extraction Date: 09/21/23 11:31

Parameter	Result	Qualifier	Units	RL	MDL
NJ Extractable Petroleum Hydrocarbons (Total) - Westborough Lab for sample(s): 01,03,05,07,09 Batch: WG1830304-1					
Total EPH	ND		mg/kg	23.2	23.2

Surrogate	%Recovery	Qualifier	Acceptance Criteria
Chloro-Octadecane	78		40-140
o-Terphenyl	78		40-140

Lab Control Sample Analysis **Batch Quality Control**

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 8

Lab Number: L2354976
Report Date: 09/26/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
NJ Extractable Petroleum Hydrocarbons (Total) - Westborough Lab Associated sample(s): 01,03,05,07,09 Batch: WG1830304-2 WG1830304-3								
Total EPH	82		85		40-140	4		25
Nonane (C9)	70		74		40-140	6		25
Decane (C10)	70		74		40-140	6		25
Dodecane (C12)	71		74		40-140	4		25
Tetradecane (C14)	71		75		40-140	5		25
Hexadecane (C16)	73		77		40-140	5		25
Octadecane (C18)	71		75		40-140	5		25
Eicosane (C20)	73		76		40-140	4		25
Heneicosane (C21)	72		76		40-140	5		25
Docosane (C22)	72		75		40-140	4		25
Tetracosane (C24)	70		74		40-140	6		25
Hexacosane (C26)	70		73		40-140	4		25
Octacosane (C28)	69		80		40-140	15		25
triacontane (C30)	70		74		40-140	6		25
Dotriacontane (C32)	71		75		40-140	5		25
Tetratriacontane (C34)	69		73		40-140	6		25
Hexatriacontane (C36)	70		74		40-140	6		25
Octatriacontane (C38)	69		75		40-140	8		25
Tetracontane (C40)	69		75		40-140	8		25

Lab Control Sample Analysis**Batch Quality Control****Project Name:** SUN VALLEY NURSERY FILLING STA**Lab Number:** L2354976**Project Number:** 12060 / PHASE 8**Report Date:** 09/26/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
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NJ Extractable Petroleum Hydrocarbons (Total) - Westborough Lab Associated sample(s): 01,03,05,07,09 Batch: WG1830304-2 WG1830304-3

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
Chloro-Octadecane	71		73		40-140
o-Terphenyl	70		72		40-140

Matrix Spike Analysis**Batch Quality Control****Project Name:** SUN VALLEY NURSERY FILLING STA**Project Number:** 12060 / PHASE 8**Lab Number:** L2354976**Report Date:** 09/26/23

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
NJ Extractable Petroleum Hydrocarbons (Total) - Westborough Lab Client ID: COMP_B2(0-7) Associated sample(s): 01,03,05,07,09 QC Batch ID: WG1830304-4 QC Sample: L2354976-01												
Total EPH	64.9	273	238	63		-	-		40-140	-		50
Nonane (C9)	ND	7.58	5.94	78		-	-		40-140	-		50
Decane (C10)	ND	7.58	5.95	78		-	-		40-140	-		50
Dodecane (C12)	ND	7.58	6.04	80		-	-		40-140	-		50
Tetradecane (C14)	ND	7.58	5.95	78		-	-		40-140	-		50
Hexadecane (C16)	ND	7.58	6.01	79		-	-		40-140	-		50
Octadecane (C18)	ND	7.58	5.78	76		-	-		40-140	-		50
Eicosane (C20)	ND	7.58	5.87	77		-	-		40-140	-		50
Heneicosane (C21)	ND	7.58	5.81	77		-	-		40-140	-		50
Docosane (C22)	ND	7.58	5.76	76		-	-		40-140	-		50
Tetracosane (C24)	ND	7.58	5.66	75		-	-		40-140	-		50
Hexacosane (C26)	ND	7.58	5.60	74		-	-		40-140	-		50
Octacosane (C28)	ND	7.58	5.58	74		-	-		40-140	-		50
triacontane (C30)	ND	7.58	5.59	74		-	-		40-140	-		50
Dotriacontane (C32)	ND	7.58	5.60	74		-	-		40-140	-		50
Tetratriacontane (C34)	ND	7.58	5.40	71		-	-		40-140	-		50
Hexatriacontane (C36)	ND	7.58	5.37	71		-	-		40-140	-		50
Octatriacontane (C38)	ND	7.58	5.40	71		-	-		40-140	-		50
Tetracontane (C40)	ND	7.58	5.41	71		-	-		40-140	-		50

Surrogate	MS % Recovery	MS Qualifier	MSD % Recovery	MSD Qualifier	Acceptance Criteria
Chloro-Octadecane	74				40-140

Matrix Spike Analysis**Batch Quality Control****Project Name:** SUN VALLEY NURSERY FILLING STA**Lab Number:** L2354976**Project Number:** 12060 / PHASE 8**Report Date:** 09/26/23

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
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NJ Extractable Petroleum Hydrocarbons (Total) - Westborough Lab Associated sample(s): 01,03,05,07,09 QC Batch ID: WG1830304-4 QC Sample: L2354976-01
 Client ID: COMP_B2(0-7)

Surrogate	MS % Recovery	Qualifier	MSD % Recovery	Qualifier	Acceptance Criteria
o-Terphenyl	74				40-140

Lab Duplicate Analysis **Batch Quality Control**

Project Name: SUN VALLEY NURSERY FILLING STA

Project Number: 12060 / PHASE 8

Lab Number: L2354976

Report Date: 09/26/23

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
NJ Extractable Petroleum Hydrocarbons (Total) - Westborough Lab Associated sample(s): 01,03,05,07,09 QC Batch ID: WG1830304-5 QC Sample: L2354976-01 Client ID: COMP_B2(0-7)						
Total EPH	64.9	ND	mg/kg	NC		50

Surrogate	%Recovery	Qualifier	%Recovery	Qualifier	Acceptance Criteria
Chloro-Octadecane	75		74		40-140
o-Terphenyl	75		74		40-140

PCBS

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 8

Lab Number: L2354976
Report Date: 09/26/23

SAMPLE RESULTS

Lab ID: L2354976-01
Client ID: COMP_B2(0-7)
Sample Location: Not Specified

Date Collected: 09/19/23 09:15
Date Received: 09/19/23
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 09/21/23 23:55
Analyst: ENT
Percent Solids: 86%

Extraction Method: EPA 3546
Extraction Date: 09/21/23 10:27
Cleanup Method: EPA 3665A
Cleanup Date: 09/21/23
Cleanup Method: EPA 3660B
Cleanup Date: 09/21/23

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	55.5	4.93	1	A
Aroclor 1221	ND		ug/kg	55.5	5.56	1	A
Aroclor 1232	ND		ug/kg	55.5	11.8	1	A
Aroclor 1242	ND		ug/kg	55.5	7.49	1	A
Aroclor 1248	ND		ug/kg	55.5	8.33	1	A
Aroclor 1254	ND		ug/kg	55.5	6.08	1	A
Aroclor 1260	ND		ug/kg	55.5	10.3	1	A
Aroclor 1262	ND		ug/kg	55.5	7.05	1	A
Aroclor 1268	ND		ug/kg	55.5	5.75	1	A
PCBs, Total	ND		ug/kg	55.5	4.93	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	33		30-150	A
Decachlorobiphenyl	29	Q	30-150	A
2,4,5,6-Tetrachloro-m-xylene	33		30-150	B
Decachlorobiphenyl	31		30-150	B

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 8

Lab Number: L2354976
Report Date: 09/26/23

SAMPLE RESULTS

Lab ID: L2354976-03
Client ID: COMP_B2(7-14)
Sample Location: Not Specified

Date Collected: 09/19/23 09:30
Date Received: 09/19/23
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 09/22/23 00:04
Analyst: ENT
Percent Solids: 88%

Extraction Method: EPA 3546
Extraction Date: 09/21/23 10:27
Cleanup Method: EPA 3665A
Cleanup Date: 09/21/23
Cleanup Method: EPA 3660B
Cleanup Date: 09/21/23

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	56.0	4.97	1	A
Aroclor 1221	ND		ug/kg	56.0	5.61	1	A
Aroclor 1232	ND		ug/kg	56.0	11.9	1	A
Aroclor 1242	ND		ug/kg	56.0	7.54	1	A
Aroclor 1248	ND		ug/kg	56.0	8.39	1	A
Aroclor 1254	ND		ug/kg	56.0	6.12	1	A
Aroclor 1260	ND		ug/kg	56.0	10.3	1	A
Aroclor 1262	ND		ug/kg	56.0	7.11	1	A
Aroclor 1268	ND		ug/kg	56.0	5.80	1	A
PCBs, Total	ND		ug/kg	56.0	4.97	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	52		30-150	A
Decachlorobiphenyl	46		30-150	A
2,4,5,6-Tetrachloro-m-xylene	52		30-150	B
Decachlorobiphenyl	48		30-150	B

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 8

Lab Number: L2354976
Report Date: 09/26/23

SAMPLE RESULTS

Lab ID: L2354976-05
Client ID: COMP_B2(14-21)
Sample Location: Not Specified

Date Collected: 09/19/23 09:45
Date Received: 09/19/23
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 09/22/23 00:12
Analyst: ENT
Percent Solids: 90%

Extraction Method: EPA 3546
Extraction Date: 09/21/23 10:27
Cleanup Method: EPA 3665A
Cleanup Date: 09/21/23
Cleanup Method: EPA 3660B
Cleanup Date: 09/21/23

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	53.0	4.70	1	A
Aroclor 1221	ND		ug/kg	53.0	5.31	1	A
Aroclor 1232	ND		ug/kg	53.0	11.2	1	A
Aroclor 1242	ND		ug/kg	53.0	7.14	1	A
Aroclor 1248	ND		ug/kg	53.0	7.94	1	A
Aroclor 1254	ND		ug/kg	53.0	5.79	1	A
Aroclor 1260	ND		ug/kg	53.0	9.79	1	A
Aroclor 1262	ND		ug/kg	53.0	6.72	1	A
Aroclor 1268	ND		ug/kg	53.0	5.49	1	A
PCBs, Total	ND		ug/kg	53.0	4.70	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	36		30-150	A
Decachlorobiphenyl	32		30-150	A
2,4,5,6-Tetrachloro-m-xylene	35		30-150	B
Decachlorobiphenyl	32		30-150	B

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 8

Lab Number: L2354976
Report Date: 09/26/23

SAMPLE RESULTS

Lab ID: L2354976-07
Client ID: COMP_E2(0-7)
Sample Location: Not Specified

Date Collected: 09/19/23 11:45
Date Received: 09/19/23
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 09/22/23 00:21
Analyst: ENT
Percent Solids: 89%

Extraction Method: EPA 3546
Extraction Date: 09/21/23 10:27
Cleanup Method: EPA 3665A
Cleanup Date: 09/21/23
Cleanup Method: EPA 3660B
Cleanup Date: 09/21/23

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	54.4	4.83	1	A
Aroclor 1221	ND		ug/kg	54.4	5.45	1	A
Aroclor 1232	ND		ug/kg	54.4	11.5	1	A
Aroclor 1242	ND		ug/kg	54.4	7.33	1	A
Aroclor 1248	ND		ug/kg	54.4	8.16	1	A
Aroclor 1254	ND		ug/kg	54.4	5.95	1	A
Aroclor 1260	ND		ug/kg	54.4	10.0	1	A
Aroclor 1262	ND		ug/kg	54.4	6.91	1	A
Aroclor 1268	ND		ug/kg	54.4	5.63	1	A
PCBs, Total	ND		ug/kg	54.4	4.83	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	50		30-150	A
Decachlorobiphenyl	39		30-150	A
2,4,5,6-Tetrachloro-m-xylene	51		30-150	B
Decachlorobiphenyl	41		30-150	B

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 8

Lab Number: L2354976
Report Date: 09/26/23

SAMPLE RESULTS

Lab ID: L2354976-09
Client ID: COMP_E2(7-14)
Sample Location: Not Specified

Date Collected: 09/19/23 11:50
Date Received: 09/19/23
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 09/22/23 00:29
Analyst: ENT
Percent Solids: 89%

Extraction Method: EPA 3546
Extraction Date: 09/21/23 10:27
Cleanup Method: EPA 3665A
Cleanup Date: 09/21/23
Cleanup Method: EPA 3660B
Cleanup Date: 09/21/23

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	51.6	4.58	1	A
Aroclor 1221	ND		ug/kg	51.6	5.17	1	A
Aroclor 1232	ND		ug/kg	51.6	10.9	1	A
Aroclor 1242	ND		ug/kg	51.6	6.95	1	A
Aroclor 1248	ND		ug/kg	51.6	7.74	1	A
Aroclor 1254	ND		ug/kg	51.6	5.64	1	A
Aroclor 1260	ND		ug/kg	51.6	9.53	1	A
Aroclor 1262	ND		ug/kg	51.6	6.55	1	A
Aroclor 1268	ND		ug/kg	51.6	5.34	1	A
PCBs, Total	ND		ug/kg	51.6	4.58	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	62		30-150	A
Decachlorobiphenyl	57		30-150	A
2,4,5,6-Tetrachloro-m-xylene	63		30-150	B
Decachlorobiphenyl	60		30-150	B

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 8

Lab Number: L2354976
Report Date: 09/26/23

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8082A
 Analytical Date: 09/21/23 23:30
 Analyst: ENT

Extraction Method: EPA 3546
 Extraction Date: 09/21/23 10:20
 Cleanup Method: EPA 3665A
 Cleanup Date: 09/21/23
 Cleanup Method: EPA 3660B
 Cleanup Date: 09/21/23

Parameter	Result	Qualifier	Units	RL	MDL	Column
Polychlorinated Biphenyls by GC - Westborough Lab for sample(s): 01,03,05,07,09 Batch: WG1830264-1						
Aroclor 1016	ND		ug/kg	47.6	4.22	A
Aroclor 1221	ND		ug/kg	47.6	4.77	A
Aroclor 1232	ND		ug/kg	47.6	10.1	A
Aroclor 1242	ND		ug/kg	47.6	6.41	A
Aroclor 1248	ND		ug/kg	47.6	7.14	A
Aroclor 1254	ND		ug/kg	47.6	5.20	A
Aroclor 1260	ND		ug/kg	47.6	8.79	A
Aroclor 1262	ND		ug/kg	47.6	6.04	A
Aroclor 1268	ND		ug/kg	47.6	4.93	A
PCBs, Total	ND		ug/kg	47.6	4.22	A

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	75		30-150	A
Decachlorobiphenyl	67		30-150	A
2,4,5,6-Tetrachloro-m-xylene	77		30-150	B
Decachlorobiphenyl	67		30-150	B

Lab Control Sample Analysis

Batch Quality Control

Project Name: SUN VALLEY NURSERY FILLING STA

Lab Number: L2354976

Project Number: 12060 / PHASE 8

Report Date: 09/26/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Polychlorinated Biphenyls by GC - Westborough Lab Associated sample(s): 01,03,05,07,09 Batch: WG1830264-2 WG1830264-3									
Aroclor 1016	81		89		40-140	9		50	A
Aroclor 1260	72		80		40-140	11		50	A

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	72		80		30-150	A
Decachlorobiphenyl	66		72		30-150	A
2,4,5,6-Tetrachloro-m-xylene	74		83		30-150	B
Decachlorobiphenyl	68		75		30-150	B

PESTICIDES

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 8

Lab Number: L2354976
Report Date: 09/26/23

SAMPLE RESULTS

Lab ID: L2354976-01
Client ID: COMP_B2(0-7)
Sample Location: Not Specified

Date Collected: 09/19/23 09:15
Date Received: 09/19/23
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 09/22/23 11:40
Analyst: JAG
Percent Solids: 86%

Extraction Method: EPA 3546
Extraction Date: 09/21/23 11:59
Cleanup Method: EPA 3620B
Cleanup Date: 09/22/23
Cleanup Method: EPA 3660B
Cleanup Date: 09/22/23

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.82	0.356	1	A
Lindane	ND		ug/kg	0.756	0.338	1	A
Alpha-BHC	ND		ug/kg	0.756	0.215	1	A
Beta-BHC	ND		ug/kg	1.82	0.688	1	A
Heptachlor	ND		ug/kg	0.908	0.407	1	A
Aldrin	ND		ug/kg	1.82	0.639	1	A
Heptachlor epoxide	ND		ug/kg	3.40	1.02	1	A
Endrin	ND		ug/kg	0.756	0.310	1	A
Endrin aldehyde	ND		ug/kg	2.27	0.794	1	A
Endrin ketone	ND		ug/kg	1.82	0.468	1	A
Dieldrin	ND		ug/kg	1.13	0.567	1	A
4,4'-DDE	0.445	JIP	ug/kg	1.82	0.420	1	A
4,4'-DDD	1.16	J	ug/kg	1.82	0.648	1	B
4,4'-DDT	ND		ug/kg	1.82	1.46	1	A
Endosulfan I	ND		ug/kg	1.82	0.429	1	A
Endosulfan II	ND		ug/kg	1.82	0.607	1	A
Endosulfan sulfate	ND		ug/kg	0.756	0.360	1	A
Methoxychlor	ND		ug/kg	3.40	1.06	1	A
Toxaphene	ND		ug/kg	34.0	9.53	1	A
cis-Chlordane	2.83		ug/kg	2.27	0.632	1	A
trans-Chlordane	1.58	JIP	ug/kg	2.27	0.599	1	B
Chlordane	24.3	P	ug/kg	15.1	6.01	1	B

Project Name: SUN VALLEY NURSERY FILLING STA**Lab Number:** L2354976**Project Number:** 12060 / PHASE 8**Report Date:** 09/26/23**SAMPLE RESULTS**

Lab ID: L2354976-01

Date Collected: 09/19/23 09:15

Client ID: COMP_B2(0-7)

Date Received: 09/19/23

Sample Location: Not Specified

Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	52		30-150	A
Decachlorobiphenyl	50		30-150	A
2,4,5,6-Tetrachloro-m-xylene	79		30-150	B
Decachlorobiphenyl	58		30-150	B

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 8

Lab Number: L2354976
Report Date: 09/26/23

SAMPLE RESULTS

Lab ID: L2354976-01
 Client ID: COMP_B2(0-7)
 Sample Location: Not Specified

Date Collected: 09/19/23 09:15
 Date Received: 09/19/23
 Field Prep: Not Specified

Sample Depth:
 Matrix: Soil
 Analytical Method: 1,8151A
 Analytical Date: 09/24/23 15:17
 Analyst: EJJ
 Percent Solids: 86%
 Methylation Date: 09/23/23 22:21

Extraction Method: EPA 8151A
 Extraction Date: 09/22/23 11:45

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
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Chlorinated Herbicides by GC - Westborough Lab

2,4-D	ND		ug/kg	193	12.2	1	A
2,4,5-T	ND		ug/kg	193	5.99	1	A
2,4,5-TP (Silvex)	ND		ug/kg	193	5.14	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
DCAA	85		30-150	A
DCAA	82		30-150	B

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 8

Lab Number: L2354976
Report Date: 09/26/23

SAMPLE RESULTS

Lab ID: L2354976-03
Client ID: COMP_B2(7-14)
Sample Location: Not Specified

Date Collected: 09/19/23 09:30
Date Received: 09/19/23
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 09/22/23 11:51
Analyst: JAG
Percent Solids: 88%

Extraction Method: EPA 3546
Extraction Date: 09/21/23 11:59
Cleanup Method: EPA 3620B
Cleanup Date: 09/22/23
Cleanup Method: EPA 3660B
Cleanup Date: 09/22/23

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.74	0.340	1	A
Lindane	ND		ug/kg	0.724	0.323	1	A
Alpha-BHC	ND		ug/kg	0.724	0.206	1	A
Beta-BHC	ND		ug/kg	1.74	0.658	1	A
Heptachlor	ND		ug/kg	0.868	0.389	1	A
Aldrin	ND		ug/kg	1.74	0.611	1	A
Heptachlor epoxide	ND		ug/kg	3.26	0.977	1	A
Endrin	ND		ug/kg	0.724	0.297	1	A
Endrin aldehyde	ND		ug/kg	2.17	0.760	1	A
Endrin ketone	ND		ug/kg	1.74	0.447	1	A
Dieldrin	ND		ug/kg	1.08	0.543	1	A
4,4'-DDE	ND		ug/kg	1.74	0.402	1	A
4,4'-DDD	ND		ug/kg	1.74	0.619	1	A
4,4'-DDT	ND		ug/kg	1.74	1.40	1	A
Endosulfan I	ND		ug/kg	1.74	0.410	1	A
Endosulfan II	ND		ug/kg	1.74	0.580	1	A
Endosulfan sulfate	ND		ug/kg	0.724	0.344	1	A
Methoxychlor	ND		ug/kg	3.26	1.01	1	A
Toxaphene	ND		ug/kg	32.6	9.12	1	A
cis-Chlordane	ND		ug/kg	2.17	0.605	1	A
trans-Chlordane	ND		ug/kg	2.17	0.573	1	A
Chlordane	ND		ug/kg	14.5	5.75	1	A

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 8

Lab Number: L2354976
Report Date: 09/26/23

SAMPLE RESULTS

Lab ID: L2354976-03
Client ID: COMP_B2(7-14)
Sample Location: Not Specified

Date Collected: 09/19/23 09:30
Date Received: 09/19/23
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	66		30-150	A
Decachlorobiphenyl	67		30-150	A
2,4,5,6-Tetrachloro-m-xylene	80		30-150	B
Decachlorobiphenyl	61		30-150	B

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 8

Lab Number: L2354976
Report Date: 09/26/23

SAMPLE RESULTS

Lab ID: L2354976-03
Client ID: COMP_B2(7-14)
Sample Location: Not Specified

Date Collected: 09/19/23 09:30
Date Received: 09/19/23
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8151A
Analytical Date: 09/24/23 22:45
Analyst: EJL
Percent Solids: 88%
Methylation Date: 09/23/23 23:45

Extraction Method: EPA 8151A
Extraction Date: 09/22/23 11:45

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
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Chlorinated Herbicides by GC - Westborough Lab

2,4-D	ND		ug/kg	184	11.6	1	A
2,4,5-T	ND		ug/kg	184	5.72	1	A
2,4,5-TP (Silvex)	ND		ug/kg	184	4.90	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
DCAA	94		30-150	A
DCAA	94		30-150	B

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 8

Lab Number: L2354976
Report Date: 09/26/23

SAMPLE RESULTS

Lab ID: L2354976-05
Client ID: COMP_B2(14-21)
Sample Location: Not Specified

Date Collected: 09/19/23 09:45
Date Received: 09/19/23
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 09/22/23 12:13
Analyst: JAG
Percent Solids: 90%

Extraction Method: EPA 3546
Extraction Date: 09/21/23 11:59
Cleanup Method: EPA 3620B
Cleanup Date: 09/22/23
Cleanup Method: EPA 3660B
Cleanup Date: 09/22/23

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.67	0.328	1	A
Lindane	ND		ug/kg	0.697	0.312	1	A
Alpha-BHC	ND		ug/kg	0.697	0.198	1	A
Beta-BHC	ND		ug/kg	1.67	0.635	1	A
Heptachlor	ND		ug/kg	0.837	0.375	1	A
Aldrin	ND		ug/kg	1.67	0.589	1	A
Heptachlor epoxide	ND		ug/kg	3.14	0.942	1	A
Endrin	ND		ug/kg	0.697	0.286	1	A
Endrin aldehyde	ND		ug/kg	2.09	0.732	1	A
Endrin ketone	ND		ug/kg	1.67	0.431	1	A
Dieldrin	ND		ug/kg	1.05	0.523	1	A
4,4'-DDE	ND		ug/kg	1.67	0.387	1	A
4,4'-DDD	ND		ug/kg	1.67	0.597	1	A
4,4'-DDT	ND		ug/kg	1.67	1.35	1	A
Endosulfan I	ND		ug/kg	1.67	0.395	1	A
Endosulfan II	ND		ug/kg	1.67	0.559	1	A
Endosulfan sulfate	ND		ug/kg	0.697	0.332	1	A
Methoxychlor	ND		ug/kg	3.14	0.976	1	A
Toxaphene	ND		ug/kg	31.4	8.79	1	A
cis-Chlordane	ND		ug/kg	2.09	0.583	1	A
trans-Chlordane	ND		ug/kg	2.09	0.552	1	A
Chlordane	ND		ug/kg	13.9	5.54	1	A

Project Name: SUN VALLEY NURSERY FILLING STA**Lab Number:** L2354976**Project Number:** 12060 / PHASE 8**Report Date:** 09/26/23**SAMPLE RESULTS**

Lab ID: L2354976-05

Date Collected: 09/19/23 09:45

Client ID: COMP_B2(14-21)

Date Received: 09/19/23

Sample Location: Not Specified

Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	54		30-150	A
Decachlorobiphenyl	59		30-150	A
2,4,5,6-Tetrachloro-m-xylene	65		30-150	B
Decachlorobiphenyl	54		30-150	B

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 8

Lab Number: L2354976
Report Date: 09/26/23

SAMPLE RESULTS

Lab ID: L2354976-05
 Client ID: COMP_B2(14-21)
 Sample Location: Not Specified

Date Collected: 09/19/23 09:45
 Date Received: 09/19/23
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8151A
 Analytical Date: 09/24/23 23:04
 Analyst: EJJ
 Percent Solids: 90%
 Methylation Date: 09/23/23 23:45

Extraction Method: EPA 8151A
 Extraction Date: 09/22/23 11:45

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
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Chlorinated Herbicides by GC - Westborough Lab

2,4-D	ND		ug/kg	185	11.6	1	A
2,4,5-T	ND		ug/kg	185	5.73	1	A
2,4,5-TP (Silvex)	ND		ug/kg	185	4.92	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
DCAA	95		30-150	A
DCAA	94		30-150	B

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 8

Lab Number: L2354976
Report Date: 09/26/23

SAMPLE RESULTS

Lab ID: L2354976-07
Client ID: COMP_E2(0-7)
Sample Location: Not Specified

Date Collected: 09/19/23 11:45
Date Received: 09/19/23
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 09/22/23 12:24
Analyst: JAG
Percent Solids: 89%

Extraction Method: EPA 3546
Extraction Date: 09/21/23 11:59
Cleanup Method: EPA 3620B
Cleanup Date: 09/22/23
Cleanup Method: EPA 3660B
Cleanup Date: 09/22/23

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.79	0.350	1	A
Lindane	ND		ug/kg	0.745	0.333	1	A
Alpha-BHC	ND		ug/kg	0.745	0.212	1	A
Beta-BHC	ND		ug/kg	1.79	0.678	1	A
Heptachlor	ND		ug/kg	0.894	0.401	1	A
Aldrin	ND		ug/kg	1.79	0.630	1	A
Heptachlor epoxide	ND		ug/kg	3.35	1.00	1	A
Endrin	ND		ug/kg	0.745	0.305	1	A
Endrin aldehyde	ND		ug/kg	2.24	0.782	1	A
Endrin ketone	ND		ug/kg	1.79	0.460	1	A
Dieldrin	ND		ug/kg	1.12	0.559	1	A
4,4'-DDE	ND		ug/kg	1.79	0.414	1	A
4,4'-DDD	ND		ug/kg	1.79	0.638	1	A
4,4'-DDT	ND		ug/kg	1.79	1.44	1	A
Endosulfan I	ND		ug/kg	1.79	0.422	1	A
Endosulfan II	ND		ug/kg	1.79	0.598	1	A
Endosulfan sulfate	ND		ug/kg	0.745	0.355	1	A
Methoxychlor	ND		ug/kg	3.35	1.04	1	A
Toxaphene	ND		ug/kg	33.5	9.39	1	A
cis-Chlordane	ND		ug/kg	2.24	0.623	1	A
trans-Chlordane	ND		ug/kg	2.24	0.590	1	A
Chlordane	ND		ug/kg	14.9	5.92	1	A

Project Name: SUN VALLEY NURSERY FILLING STA**Lab Number:** L2354976**Project Number:** 12060 / PHASE 8**Report Date:** 09/26/23**SAMPLE RESULTS**

Lab ID: L2354976-07

Date Collected: 09/19/23 11:45

Client ID: COMP_E2(0-7)

Date Received: 09/19/23

Sample Location: Not Specified

Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	57		30-150	A
Decachlorobiphenyl	60		30-150	A
2,4,5,6-Tetrachloro-m-xylene	69		30-150	B
Decachlorobiphenyl	59		30-150	B

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 8

Lab Number: L2354976
Report Date: 09/26/23

SAMPLE RESULTS

Lab ID: L2354976-07
Client ID: COMP_E2(0-7)
Sample Location: Not Specified

Date Collected: 09/19/23 11:45
Date Received: 09/19/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8151A
Analytical Date: 09/24/23 23:41
Analyst: EJJ
Percent Solids: 89%
Methylation Date: 09/23/23 23:45

Extraction Method: EPA 8151A
Extraction Date: 09/22/23 11:45

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Chlorinated Herbicides by GC - Westborough Lab							
2,4-D	ND		ug/kg	187	11.8	1	A
2,4,5-T	ND		ug/kg	187	5.80	1	A
2,4,5-TP (Silvex)	ND		ug/kg	187	4.97	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
DCAA	89		30-150	A
DCAA	87		30-150	B

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 8

Lab Number: L2354976
Report Date: 09/26/23

SAMPLE RESULTS

Lab ID: L2354976-09
Client ID: COMP_E2(7-14)
Sample Location: Not Specified

Date Collected: 09/19/23 11:50
Date Received: 09/19/23
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 09/22/23 12:35
Analyst: JAG
Percent Solids: 89%

Extraction Method: EPA 3546
Extraction Date: 09/21/23 11:59
Cleanup Method: EPA 3620B
Cleanup Date: 09/22/23
Cleanup Method: EPA 3660B
Cleanup Date: 09/22/23

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.74	0.341	1	A
Lindane	ND		ug/kg	0.725	0.324	1	A
Alpha-BHC	ND		ug/kg	0.725	0.206	1	A
Beta-BHC	ND		ug/kg	1.74	0.660	1	A
Heptachlor	ND		ug/kg	0.870	0.390	1	A
Aldrin	ND		ug/kg	1.74	0.613	1	A
Heptachlor epoxide	ND		ug/kg	3.26	0.979	1	A
Endrin	ND		ug/kg	0.725	0.297	1	A
Endrin aldehyde	ND		ug/kg	2.18	0.761	1	A
Endrin ketone	ND		ug/kg	1.74	0.448	1	A
Dieldrin	ND		ug/kg	1.09	0.544	1	A
4,4'-DDE	ND		ug/kg	1.74	0.402	1	A
4,4'-DDD	ND		ug/kg	1.74	0.621	1	A
4,4'-DDT	ND		ug/kg	1.74	1.40	1	A
Endosulfan I	ND		ug/kg	1.74	0.411	1	A
Endosulfan II	ND		ug/kg	1.74	0.582	1	A
Endosulfan sulfate	ND		ug/kg	0.725	0.345	1	A
Methoxychlor	ND		ug/kg	3.26	1.02	1	A
Toxaphene	ND		ug/kg	32.6	9.14	1	A
cis-Chlordane	ND		ug/kg	2.18	0.606	1	A
trans-Chlordane	ND		ug/kg	2.18	0.574	1	A
Chlordane	ND		ug/kg	14.5	5.76	1	A

Project Name: SUN VALLEY NURSERY FILLING STA**Lab Number:** L2354976**Project Number:** 12060 / PHASE 8**Report Date:** 09/26/23**SAMPLE RESULTS**

Lab ID: L2354976-09

Date Collected: 09/19/23 11:50

Client ID: COMP_E2(7-14)

Date Received: 09/19/23

Sample Location: Not Specified

Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	59		30-150	A
Decachlorobiphenyl	62		30-150	A
2,4,5,6-Tetrachloro-m-xylene	72		30-150	B
Decachlorobiphenyl	58		30-150	B

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 8

Lab Number: L2354976
Report Date: 09/26/23

SAMPLE RESULTS

Lab ID: L2354976-09
Client ID: COMP_E2(7-14)
Sample Location: Not Specified

Date Collected: 09/19/23 11:50
Date Received: 09/19/23
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8151A
Analytical Date: 09/24/23 23:59
Analyst: EJJ
Percent Solids: 89%
Methylation Date: 09/23/23 23:45

Extraction Method: EPA 8151A
Extraction Date: 09/22/23 11:45

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
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Chlorinated Herbicides by GC - Westborough Lab

2,4-D	ND		ug/kg	182	11.5	1	A
2,4,5-T	ND		ug/kg	182	5.66	1	A
2,4,5-TP (Silvex)	ND		ug/kg	182	4.85	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
DCAA	90		30-150	A
DCAA	88		30-150	B

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 8

Lab Number: L2354976
Report Date: 09/26/23

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8081B
 Analytical Date: 09/22/23 09:05
 Analyst: AKM

Extraction Method: EPA 3546
 Extraction Date: 09/21/23 11:59
 Cleanup Method: EPA 3620B
 Cleanup Date: 09/22/23
 Cleanup Method: EPA 3660B
 Cleanup Date: 09/22/23

Parameter	Result	Qualifier	Units	RL	MDL	Column
Organochlorine Pesticides by GC - Westborough Lab for sample(s): 01,03,05,07,09 Batch: WG1830332-1						
Delta-BHC	ND		ug/kg	1.54	0.302	A
Lindane	ND		ug/kg	0.643	0.287	A
Alpha-BHC	ND		ug/kg	0.643	0.182	A
Beta-BHC	ND		ug/kg	1.54	0.585	A
Heptachlor	ND		ug/kg	0.771	0.346	A
Aldrin	ND		ug/kg	1.54	0.543	A
Heptachlor epoxide	ND		ug/kg	2.89	0.868	A
Endrin	ND		ug/kg	0.643	0.263	A
Endrin aldehyde	ND		ug/kg	1.93	0.675	A
Endrin ketone	ND		ug/kg	1.54	0.397	A
Dieldrin	ND		ug/kg	0.964	0.482	A
4,4'-DDE	ND		ug/kg	1.54	0.357	A
4,4'-DDD	ND		ug/kg	1.54	0.550	A
4,4'-DDT	ND		ug/kg	1.54	1.24	A
Endosulfan I	ND		ug/kg	1.54	0.364	A
Endosulfan II	ND		ug/kg	1.54	0.515	A
Endosulfan sulfate	ND		ug/kg	0.643	0.306	A
Methoxychlor	ND		ug/kg	2.89	0.900	A
Toxaphene	ND		ug/kg	28.9	8.10	A
cis-Chlordane	ND		ug/kg	1.93	0.537	A
trans-Chlordane	ND		ug/kg	1.93	0.509	A
Chlordane	ND		ug/kg	12.8	5.11	A

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 8

Lab Number: L2354976
Report Date: 09/26/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8081B
 Analytical Date: 09/22/23 09:05
 Analyst: AKM

Extraction Method: EPA 3546
 Extraction Date: 09/21/23 11:59
 Cleanup Method: EPA 3620B
 Cleanup Date: 09/22/23
 Cleanup Method: EPA 3660B
 Cleanup Date: 09/22/23

Parameter	Result	Qualifier	Units	RL	MDL	Column
Organochlorine Pesticides by GC - Westborough Lab for sample(s): 01,03,05,07,09 Batch: WG1830332-1						

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	62		30-150	A
Decachlorobiphenyl	65		30-150	A
2,4,5,6-Tetrachloro-m-xylene	73		30-150	B
Decachlorobiphenyl	64		30-150	B

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 8

Lab Number: L2354976
Report Date: 09/26/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8151A
Analytical Date: 09/24/23 12:50
Analyst: EJL

Extraction Method: EPA 8151A
Extraction Date: 09/22/23 11:45

Methylation Date: 09/23/23 22:21

Parameter	Result	Qualifier	Units	RL	MDL	Column
Chlorinated Herbicides by GC - Westborough Lab for sample(s): 01,03,05,07,09 Batch: WG1830807-1						
2,4-D	ND		ug/kg	166	10.4	A
2,4,5-T	ND		ug/kg	166	5.13	A
2,4,5-TP (Silvex)	ND		ug/kg	166	4.40	A

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
DCAA	84		30-150	A
DCAA	90		30-150	B

Lab Control Sample Analysis

Batch Quality Control

Project Name: SUN VALLEY NURSERY FILLING STA

Project Number: 12060 / PHASE 8

Lab Number: L2354976

Report Date: 09/26/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 01,03,05,07,09 Batch: WG1830332-2 WG1830332-3									
Delta-BHC	81		89		30-150	9		30	A
Lindane	75		81		30-150	8		30	A
Alpha-BHC	75		81		30-150	8		30	A
Beta-BHC	77		80		30-150	4		30	A
Heptachlor	74		78		30-150	5		30	A
Aldrin	74		80		30-150	8		30	A
Heptachlor epoxide	68		74		30-150	8		30	A
Endrin	74		83		30-150	11		30	A
Endrin aldehyde	60		67		30-150	11		30	A
Endrin ketone	82		88		30-150	7		30	A
Dieldrin	82		89		30-150	8		30	A
4,4'-DDE	77		82		30-150	6		30	A
4,4'-DDD	79		88		30-150	11		30	A
4,4'-DDT	78		85		30-150	9		30	A
Endosulfan I	75		80		30-150	6		30	A
Endosulfan II	76		83		30-150	9		30	A
Endosulfan sulfate	76		83		30-150	9		30	A
Methoxychlor	76		84		30-150	10		30	A
cis-Chlordane	70		75		30-150	7		30	A
trans-Chlordane	76		82		30-150	8		30	A

Lab Control Sample Analysis**Batch Quality Control****Project Name:** SUN VALLEY NURSERY FILLING STA**Lab Number:** L2354976**Project Number:** 12060 / PHASE 8**Report Date:** 09/26/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
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Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 01,03,05,07,09 Batch: WG1830332-2 WG1830332-3

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	61		66		30-150	A
Decachlorobiphenyl	67		72		30-150	A
2,4,5,6-Tetrachloro-m-xylene	72		76		30-150	B
Decachlorobiphenyl	64		70		30-150	B

Lab Control Sample Analysis**Batch Quality Control****Project Name:** SUN VALLEY NURSERY FILLING STA**Lab Number:** L2354976**Project Number:** 12060 / PHASE 8**Report Date:** 09/26/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Chlorinated Herbicides by GC - Westborough Lab Associated sample(s): 01,03,05,07,09 Batch: WG1830807-2 WG1830807-3									
2,4-D	79		87		30-150	10		30	A
2,4,5-T	89		101		30-150	13		30	A
2,4,5-TP (Silvex)	84		95		30-150	12		30	A

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
DCAA	77		82		30-150	A
DCAA	92		92		30-150	B

METALS

Project Name: SUN VALLEY NURSERY FILLING STA**Lab Number:** L2354976**Project Number:** 12060 / PHASE 8**Report Date:** 09/26/23**SAMPLE RESULTS**

Lab ID: L2354976-01

Date Collected: 09/19/23 09:15

Client ID: COMP_B2(0-7)

Date Received: 09/19/23

Sample Location: Not Specified

Field Prep: Not Specified

Sample Depth:

TCLP/SPLP Ext. Date: 09/20/23 20:54

Matrix: Soil

Percent Solids: 86%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
TCLP Metals by EPA 1311 - Mansfield Lab											
Arsenic, TCLP	ND		mg/l	1.00	0.0190	1	09/22/23 20:10	09/23/23 10:14	EPA 3015	1,6010D	JMF
Barium, TCLP	0.940		mg/l	0.500	0.0210	1	09/22/23 20:10	09/23/23 10:14	EPA 3015	1,6010D	JMF
Cadmium, TCLP	ND		mg/l	0.100	0.0100	1	09/22/23 20:10	09/23/23 10:14	EPA 3015	1,6010D	JMF
Chromium, TCLP	ND		mg/l	0.200	0.0210	1	09/22/23 20:10	09/23/23 10:14	EPA 3015	1,6010D	JMF
Lead, TCLP	ND		mg/l	0.500	0.0270	1	09/22/23 20:10	09/23/23 10:14	EPA 3015	1,6010D	JMF
Mercury, TCLP	ND		mg/l	0.0010	0.0005	1	09/22/23 17:19	09/25/23 11:33	EPA 7470A	1,7470A	MJR
Selenium, TCLP	ND		mg/l	0.500	0.0350	1	09/22/23 20:10	09/23/23 10:14	EPA 3015	1,6010D	JMF
Silver, TCLP	ND		mg/l	0.100	0.0280	1	09/22/23 20:10	09/23/23 10:14	EPA 3015	1,6010D	JMF



Project Name: SUN VALLEY NURSERY FILLING STA**Lab Number:** L2354976**Project Number:** 12060 / PHASE 8**Report Date:** 09/26/23**SAMPLE RESULTS**

Lab ID: L2354976-01

Date Collected: 09/19/23 09:15

Client ID: COMP_B2(0-7)

Date Received: 09/19/23

Sample Location: Not Specified

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 86%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	10400		mg/kg	9.31	2.51	2	09/21/23 00:40	09/21/23 09:46	EPA 3050B	1,6010D	JMF
Antimony, Total	ND		mg/kg	4.66	0.354	2	09/21/23 00:40	09/21/23 09:46	EPA 3050B	1,6010D	JMF
Arsenic, Total	5.36		mg/kg	0.931	0.194	2	09/21/23 00:40	09/21/23 09:46	EPA 3050B	1,6010D	JMF
Barium, Total	130		mg/kg	0.931	0.162	2	09/21/23 00:40	09/21/23 09:46	EPA 3050B	1,6010D	JMF
Beryllium, Total	0.427	J	mg/kg	0.466	0.031	2	09/21/23 00:40	09/21/23 09:46	EPA 3050B	1,6010D	JMF
Cadmium, Total	ND		mg/kg	0.931	0.091	2	09/21/23 00:40	09/21/23 09:46	EPA 3050B	1,6010D	JMF
Calcium, Total	5060		mg/kg	9.31	3.26	2	09/21/23 00:40	09/21/23 09:46	EPA 3050B	1,6010D	JMF
Chromium, Total	19.8		mg/kg	0.931	0.089	2	09/21/23 00:40	09/21/23 09:46	EPA 3050B	1,6010D	JMF
Cobalt, Total	6.72		mg/kg	1.86	0.154	2	09/21/23 00:40	09/21/23 09:46	EPA 3050B	1,6010D	JMF
Copper, Total	15.0		mg/kg	0.931	0.240	2	09/21/23 00:40	09/21/23 09:46	EPA 3050B	1,6010D	JMF
Iron, Total	16200		mg/kg	4.66	0.841	2	09/21/23 00:40	09/21/23 09:46	EPA 3050B	1,6010D	JMF
Lead, Total	19.2		mg/kg	4.66	0.250	2	09/21/23 00:40	09/21/23 09:46	EPA 3050B	1,6010D	JMF
Magnesium, Total	5990		mg/kg	9.31	1.43	2	09/21/23 00:40	09/21/23 09:46	EPA 3050B	1,6010D	JMF
Manganese, Total	228		mg/kg	0.931	0.148	2	09/21/23 00:40	09/21/23 09:46	EPA 3050B	1,6010D	JMF
Mercury, Total	ND		mg/kg	0.085	0.055	1	09/21/23 01:25	09/21/23 11:17	EPA 7471B	1,7471B	GMG
Nickel, Total	14.0		mg/kg	2.33	0.225	2	09/21/23 00:40	09/21/23 09:46	EPA 3050B	1,6010D	JMF
Potassium, Total	4720		mg/kg	233	13.4	2	09/21/23 00:40	09/21/23 09:46	EPA 3050B	1,6010D	JMF
Selenium, Total	0.553	J	mg/kg	1.86	0.240	2	09/21/23 00:40	09/21/23 09:46	EPA 3050B	1,6010D	JMF
Silver, Total	ND		mg/kg	0.466	0.264	2	09/21/23 00:40	09/21/23 09:46	EPA 3050B	1,6010D	JMF
Sodium, Total	230		mg/kg	186	2.93	2	09/21/23 00:40	09/21/23 09:46	EPA 3050B	1,6010D	JMF
Thallium, Total	1.33	J	mg/kg	1.86	0.293	2	09/21/23 00:40	09/21/23 09:46	EPA 3050B	1,6010D	JMF
Vanadium, Total	27.5		mg/kg	0.931	0.189	2	09/21/23 00:40	09/21/23 09:46	EPA 3050B	1,6010D	JMF
Zinc, Total	48.1		mg/kg	4.66	0.273	2	09/21/23 00:40	09/21/23 09:46	EPA 3050B	1,6010D	JMF



Project Name: SUN VALLEY NURSERY FILLING STA**Lab Number:** L2354976**Project Number:** 12060 / PHASE 8**Report Date:** 09/26/23**SAMPLE RESULTS**

Lab ID: L2354976-03

Date Collected: 09/19/23 09:30

Client ID: COMP_B2(7-14)

Date Received: 09/19/23

Sample Location: Not Specified

Field Prep: Not Specified

Sample Depth:

TCLP/SPLP Ext. Date: 09/20/23 20:54

Matrix: Soil

Percent Solids: 88%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
TCLP Metals by EPA 1311 - Mansfield Lab											
Arsenic, TCLP	ND		mg/l	1.00	0.0190	1	09/22/23 20:10	09/23/23 10:08	EPA 3015	1,6010D	JMF
Barium, TCLP	0.895		mg/l	0.500	0.0210	1	09/22/23 20:10	09/23/23 10:08	EPA 3015	1,6010D	JMF
Cadmium, TCLP	ND		mg/l	0.100	0.0100	1	09/22/23 20:10	09/23/23 10:08	EPA 3015	1,6010D	JMF
Chromium, TCLP	ND		mg/l	0.200	0.0210	1	09/22/23 20:10	09/23/23 10:08	EPA 3015	1,6010D	JMF
Lead, TCLP	ND		mg/l	0.500	0.0270	1	09/22/23 20:10	09/23/23 10:08	EPA 3015	1,6010D	JMF
Mercury, TCLP	ND		mg/l	0.0010	0.0005	1	09/22/23 17:19	09/25/23 11:46	EPA 7470A	1,7470A	MJR
Selenium, TCLP	ND		mg/l	0.500	0.0350	1	09/22/23 20:10	09/23/23 10:08	EPA 3015	1,6010D	JMF
Silver, TCLP	ND		mg/l	0.100	0.0280	1	09/22/23 20:10	09/23/23 10:08	EPA 3015	1,6010D	JMF



Project Name: SUN VALLEY NURSERY FILLING STA**Lab Number:** L2354976**Project Number:** 12060 / PHASE 8**Report Date:** 09/26/23**SAMPLE RESULTS**

Lab ID: L2354976-03

Date Collected: 09/19/23 09:30

Client ID: COMP_B2(7-14)

Date Received: 09/19/23

Sample Location: Not Specified

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 88%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	10800		mg/kg	8.92	2.41	2	09/21/23 00:40	09/21/23 09:49	EPA 3050B	1,6010D	JMF
Antimony, Total	ND		mg/kg	4.46	0.339	2	09/21/23 00:40	09/21/23 09:49	EPA 3050B	1,6010D	JMF
Arsenic, Total	1.63		mg/kg	0.892	0.186	2	09/21/23 00:40	09/21/23 09:49	EPA 3050B	1,6010D	JMF
Barium, Total	136		mg/kg	0.892	0.155	2	09/21/23 00:40	09/21/23 09:49	EPA 3050B	1,6010D	JMF
Beryllium, Total	0.456		mg/kg	0.446	0.029	2	09/21/23 00:40	09/21/23 09:49	EPA 3050B	1,6010D	JMF
Cadmium, Total	ND		mg/kg	0.892	0.087	2	09/21/23 00:40	09/21/23 09:49	EPA 3050B	1,6010D	JMF
Calcium, Total	7490		mg/kg	8.92	3.12	2	09/21/23 00:40	09/21/23 09:49	EPA 3050B	1,6010D	JMF
Chromium, Total	21.0		mg/kg	0.892	0.086	2	09/21/23 00:40	09/21/23 09:49	EPA 3050B	1,6010D	JMF
Cobalt, Total	7.29		mg/kg	1.78	0.148	2	09/21/23 00:40	09/21/23 09:49	EPA 3050B	1,6010D	JMF
Copper, Total	19.2		mg/kg	0.892	0.230	2	09/21/23 00:40	09/21/23 09:49	EPA 3050B	1,6010D	JMF
Iron, Total	16700		mg/kg	4.46	0.806	2	09/21/23 00:40	09/21/23 09:49	EPA 3050B	1,6010D	JMF
Lead, Total	5.54		mg/kg	4.46	0.239	2	09/21/23 00:40	09/21/23 09:49	EPA 3050B	1,6010D	JMF
Magnesium, Total	7440		mg/kg	8.92	1.37	2	09/21/23 00:40	09/21/23 09:49	EPA 3050B	1,6010D	JMF
Manganese, Total	228		mg/kg	0.892	0.142	2	09/21/23 00:40	09/21/23 09:49	EPA 3050B	1,6010D	JMF
Mercury, Total	ND		mg/kg	0.075	0.049	1	09/21/23 01:25	09/21/23 11:20	EPA 7471B	1,7471B	GMG
Nickel, Total	14.9		mg/kg	2.23	0.216	2	09/21/23 00:40	09/21/23 09:49	EPA 3050B	1,6010D	JMF
Potassium, Total	5420		mg/kg	223	12.8	2	09/21/23 00:40	09/21/23 09:49	EPA 3050B	1,6010D	JMF
Selenium, Total	0.251	J	mg/kg	1.78	0.230	2	09/21/23 00:40	09/21/23 09:49	EPA 3050B	1,6010D	JMF
Silver, Total	ND		mg/kg	0.446	0.252	2	09/21/23 00:40	09/21/23 09:49	EPA 3050B	1,6010D	JMF
Sodium, Total	134	J	mg/kg	178	2.81	2	09/21/23 00:40	09/21/23 09:49	EPA 3050B	1,6010D	JMF
Thallium, Total	1.65	J	mg/kg	1.78	0.281	2	09/21/23 00:40	09/21/23 09:49	EPA 3050B	1,6010D	JMF
Vanadium, Total	29.3		mg/kg	0.892	0.181	2	09/21/23 00:40	09/21/23 09:49	EPA 3050B	1,6010D	JMF
Zinc, Total	49.1		mg/kg	4.46	0.261	2	09/21/23 00:40	09/21/23 09:49	EPA 3050B	1,6010D	JMF



Project Name: SUN VALLEY NURSERY FILLING STA**Lab Number:** L2354976**Project Number:** 12060 / PHASE 8**Report Date:** 09/26/23**SAMPLE RESULTS**

Lab ID: L2354976-05

Date Collected: 09/19/23 09:45

Client ID: COMP_B2(14-21)

Date Received: 09/19/23

Sample Location: Not Specified

Field Prep: Not Specified

Sample Depth:

TCLP/SPLP Ext. Date: 09/20/23 20:54

Matrix: Soil

Percent Solids: 90%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
TCLP Metals by EPA 1311 - Mansfield Lab											
Arsenic, TCLP	ND		mg/l	1.00	0.0190	1	09/22/23 20:10	09/23/23 10:11	EPA 3015	1,6010D	JMF
Barium, TCLP	0.975		mg/l	0.500	0.0210	1	09/22/23 20:10	09/23/23 10:11	EPA 3015	1,6010D	JMF
Cadmium, TCLP	ND		mg/l	0.100	0.0100	1	09/22/23 20:10	09/23/23 10:11	EPA 3015	1,6010D	JMF
Chromium, TCLP	ND		mg/l	0.200	0.0210	1	09/22/23 20:10	09/23/23 10:11	EPA 3015	1,6010D	JMF
Lead, TCLP	ND		mg/l	0.500	0.0270	1	09/22/23 20:10	09/23/23 10:11	EPA 3015	1,6010D	JMF
Mercury, TCLP	ND		mg/l	0.0010	0.0005	1	09/22/23 17:19	09/25/23 11:49	EPA 7470A	1,7470A	MJR
Selenium, TCLP	ND		mg/l	0.500	0.0350	1	09/22/23 20:10	09/23/23 10:11	EPA 3015	1,6010D	JMF
Silver, TCLP	ND		mg/l	0.100	0.0280	1	09/22/23 20:10	09/23/23 10:11	EPA 3015	1,6010D	JMF



Project Name: SUN VALLEY NURSERY FILLING STA**Lab Number:** L2354976**Project Number:** 12060 / PHASE 8**Report Date:** 09/26/23**SAMPLE RESULTS**

Lab ID: L2354976-05

Date Collected: 09/19/23 09:45

Client ID: COMP_B2(14-21)

Date Received: 09/19/23

Sample Location: Not Specified

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 90%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	12100		mg/kg	8.53	2.30	2	09/21/23 00:40	09/21/23 09:52	EPA 3050B	1,6010D	JMF
Antimony, Total	ND		mg/kg	4.27	0.324	2	09/21/23 00:40	09/21/23 09:52	EPA 3050B	1,6010D	JMF
Arsenic, Total	1.71		mg/kg	0.853	0.178	2	09/21/23 00:40	09/21/23 09:52	EPA 3050B	1,6010D	JMF
Barium, Total	144		mg/kg	0.853	0.148	2	09/21/23 00:40	09/21/23 09:52	EPA 3050B	1,6010D	JMF
Beryllium, Total	0.592		mg/kg	0.427	0.028	2	09/21/23 00:40	09/21/23 09:52	EPA 3050B	1,6010D	JMF
Cadmium, Total	ND		mg/kg	0.853	0.084	2	09/21/23 00:40	09/21/23 09:52	EPA 3050B	1,6010D	JMF
Calcium, Total	6350		mg/kg	8.53	2.99	2	09/21/23 00:40	09/21/23 09:52	EPA 3050B	1,6010D	JMF
Chromium, Total	21.2		mg/kg	0.853	0.082	2	09/21/23 00:40	09/21/23 09:52	EPA 3050B	1,6010D	JMF
Cobalt, Total	9.31		mg/kg	1.71	0.142	2	09/21/23 00:40	09/21/23 09:52	EPA 3050B	1,6010D	JMF
Copper, Total	21.1		mg/kg	0.853	0.220	2	09/21/23 00:40	09/21/23 09:52	EPA 3050B	1,6010D	JMF
Iron, Total	18000		mg/kg	4.27	0.771	2	09/21/23 00:40	09/21/23 09:52	EPA 3050B	1,6010D	JMF
Lead, Total	5.32		mg/kg	4.27	0.229	2	09/21/23 00:40	09/21/23 09:52	EPA 3050B	1,6010D	JMF
Magnesium, Total	7120		mg/kg	8.53	1.31	2	09/21/23 00:40	09/21/23 09:52	EPA 3050B	1,6010D	JMF
Manganese, Total	230		mg/kg	0.853	0.136	2	09/21/23 00:40	09/21/23 09:52	EPA 3050B	1,6010D	JMF
Mercury, Total	ND		mg/kg	0.081	0.053	1	09/21/23 01:25	09/21/23 11:23	EPA 7471B	1,7471B	GMG
Nickel, Total	15.5		mg/kg	2.13	0.206	2	09/21/23 00:40	09/21/23 09:52	EPA 3050B	1,6010D	JMF
Potassium, Total	6030		mg/kg	213	12.3	2	09/21/23 00:40	09/21/23 09:52	EPA 3050B	1,6010D	JMF
Selenium, Total	ND		mg/kg	1.71	0.220	2	09/21/23 00:40	09/21/23 09:52	EPA 3050B	1,6010D	JMF
Silver, Total	ND		mg/kg	0.427	0.242	2	09/21/23 00:40	09/21/23 09:52	EPA 3050B	1,6010D	JMF
Sodium, Total	132	J	mg/kg	171	2.69	2	09/21/23 00:40	09/21/23 09:52	EPA 3050B	1,6010D	JMF
Thallium, Total	1.70	J	mg/kg	1.71	0.269	2	09/21/23 00:40	09/21/23 09:52	EPA 3050B	1,6010D	JMF
Vanadium, Total	31.0		mg/kg	0.853	0.173	2	09/21/23 00:40	09/21/23 09:52	EPA 3050B	1,6010D	JMF
Zinc, Total	45.2		mg/kg	4.27	0.250	2	09/21/23 00:40	09/21/23 09:52	EPA 3050B	1,6010D	JMF



Project Name: SUN VALLEY NURSERY FILLING STA**Lab Number:** L2354976**Project Number:** 12060 / PHASE 8**Report Date:** 09/26/23**SAMPLE RESULTS**

Lab ID: L2354976-07

Date Collected: 09/19/23 11:45

Client ID: COMP_E2(0-7)

Date Received: 09/19/23

Sample Location: Not Specified

Field Prep: Not Specified

Sample Depth:

TCLP/SPLP Ext. Date: 09/20/23 20:54

Matrix: Soil

Percent Solids: 89%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
TCLP Metals by EPA 1311 - Mansfield Lab											
Arsenic, TCLP	ND		mg/l	1.00	0.0190	1	09/22/23 20:10	09/23/23 10:37	EPA 3015	1,6010D	JMF
Barium, TCLP	0.811		mg/l	0.500	0.0210	1	09/22/23 20:10	09/23/23 10:37	EPA 3015	1,6010D	JMF
Cadmium, TCLP	ND		mg/l	0.100	0.0100	1	09/22/23 20:10	09/23/23 10:37	EPA 3015	1,6010D	JMF
Chromium, TCLP	ND		mg/l	0.200	0.0210	1	09/22/23 20:10	09/23/23 10:37	EPA 3015	1,6010D	JMF
Lead, TCLP	ND		mg/l	0.500	0.0270	1	09/22/23 20:10	09/23/23 10:37	EPA 3015	1,6010D	JMF
Mercury, TCLP	ND		mg/l	0.0010	0.0005	1	09/22/23 17:19	09/25/23 11:52	EPA 7470A	1,7470A	MJR
Selenium, TCLP	ND		mg/l	0.500	0.0350	1	09/22/23 20:10	09/23/23 10:37	EPA 3015	1,6010D	JMF
Silver, TCLP	ND		mg/l	0.100	0.0280	1	09/22/23 20:10	09/23/23 10:37	EPA 3015	1,6010D	JMF



Project Name: SUN VALLEY NURSERY FILLING STA**Lab Number:** L2354976**Project Number:** 12060 / PHASE 8**Report Date:** 09/26/23**SAMPLE RESULTS**

Lab ID: L2354976-07

Date Collected: 09/19/23 11:45

Client ID: COMP_E2(0-7)

Date Received: 09/19/23

Sample Location: Not Specified

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 89%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	11200		mg/kg	8.72	2.36	2	09/21/23 00:40	09/21/23 09:55	EPA 3050B	1,6010D	JMF
Antimony, Total	ND		mg/kg	4.36	0.331	2	09/21/23 00:40	09/21/23 09:55	EPA 3050B	1,6010D	JMF
Arsenic, Total	2.64		mg/kg	0.872	0.181	2	09/21/23 00:40	09/21/23 09:55	EPA 3050B	1,6010D	JMF
Barium, Total	123		mg/kg	0.872	0.152	2	09/21/23 00:40	09/21/23 09:55	EPA 3050B	1,6010D	JMF
Beryllium, Total	0.478		mg/kg	0.436	0.029	2	09/21/23 00:40	09/21/23 09:55	EPA 3050B	1,6010D	JMF
Cadmium, Total	ND		mg/kg	0.872	0.086	2	09/21/23 00:40	09/21/23 09:55	EPA 3050B	1,6010D	JMF
Calcium, Total	7660		mg/kg	8.72	3.05	2	09/21/23 00:40	09/21/23 09:55	EPA 3050B	1,6010D	JMF
Chromium, Total	22.2		mg/kg	0.872	0.084	2	09/21/23 00:40	09/21/23 09:55	EPA 3050B	1,6010D	JMF
Cobalt, Total	7.41		mg/kg	1.74	0.145	2	09/21/23 00:40	09/21/23 09:55	EPA 3050B	1,6010D	JMF
Copper, Total	18.1		mg/kg	0.872	0.225	2	09/21/23 00:40	09/21/23 09:55	EPA 3050B	1,6010D	JMF
Iron, Total	17200		mg/kg	4.36	0.788	2	09/21/23 00:40	09/21/23 09:55	EPA 3050B	1,6010D	JMF
Lead, Total	10.1		mg/kg	4.36	0.234	2	09/21/23 00:40	09/21/23 09:55	EPA 3050B	1,6010D	JMF
Magnesium, Total	7120		mg/kg	8.72	1.34	2	09/21/23 00:40	09/21/23 09:55	EPA 3050B	1,6010D	JMF
Manganese, Total	276		mg/kg	0.872	0.139	2	09/21/23 00:40	09/21/23 09:55	EPA 3050B	1,6010D	JMF
Mercury, Total	ND		mg/kg	0.088	0.057	1	09/21/23 01:25	09/21/23 11:27	EPA 7471B	1,7471B	GMG
Nickel, Total	17.0		mg/kg	2.18	0.211	2	09/21/23 00:40	09/21/23 09:55	EPA 3050B	1,6010D	JMF
Potassium, Total	5170		mg/kg	218	12.6	2	09/21/23 00:40	09/21/23 09:55	EPA 3050B	1,6010D	JMF
Selenium, Total	0.514	J	mg/kg	1.74	0.225	2	09/21/23 00:40	09/21/23 09:55	EPA 3050B	1,6010D	JMF
Silver, Total	ND		mg/kg	0.436	0.247	2	09/21/23 00:40	09/21/23 09:55	EPA 3050B	1,6010D	JMF
Sodium, Total	115	J	mg/kg	174	2.75	2	09/21/23 00:40	09/21/23 09:55	EPA 3050B	1,6010D	JMF
Thallium, Total	1.72	J	mg/kg	1.74	0.275	2	09/21/23 00:40	09/21/23 09:55	EPA 3050B	1,6010D	JMF
Vanadium, Total	30.1		mg/kg	0.872	0.177	2	09/21/23 00:40	09/21/23 09:55	EPA 3050B	1,6010D	JMF
Zinc, Total	56.8		mg/kg	4.36	0.256	2	09/21/23 00:40	09/21/23 09:55	EPA 3050B	1,6010D	JMF



Project Name: SUN VALLEY NURSERY FILLING STA**Lab Number:** L2354976**Project Number:** 12060 / PHASE 8**Report Date:** 09/26/23**SAMPLE RESULTS**

Lab ID: L2354976-09

Date Collected: 09/19/23 11:50

Client ID: COMP_E2(7-14)

Date Received: 09/19/23

Sample Location: Not Specified

Field Prep: Not Specified

Sample Depth:

TCLP/SPLP Ext. Date: 09/20/23 20:54

Matrix: Soil

Percent Solids: 89%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
TCLP Metals by EPA 1311 - Mansfield Lab											
Arsenic, TCLP	ND		mg/l	1.00	0.0190	1	09/22/23 20:10	09/23/23 10:40	EPA 3015	1,6010D	JMF
Barium, TCLP	0.931		mg/l	0.500	0.0210	1	09/22/23 20:10	09/23/23 10:40	EPA 3015	1,6010D	JMF
Cadmium, TCLP	ND		mg/l	0.100	0.0100	1	09/22/23 20:10	09/23/23 10:40	EPA 3015	1,6010D	JMF
Chromium, TCLP	ND		mg/l	0.200	0.0210	1	09/22/23 20:10	09/23/23 10:40	EPA 3015	1,6010D	JMF
Lead, TCLP	ND		mg/l	0.500	0.0270	1	09/22/23 20:10	09/23/23 10:40	EPA 3015	1,6010D	JMF
Mercury, TCLP	ND		mg/l	0.0010	0.0005	1	09/22/23 17:19	09/25/23 11:56	EPA 7470A	1,7470A	MJR
Selenium, TCLP	ND		mg/l	0.500	0.0350	1	09/22/23 20:10	09/23/23 10:40	EPA 3015	1,6010D	JMF
Silver, TCLP	ND		mg/l	0.100	0.0280	1	09/22/23 20:10	09/23/23 10:40	EPA 3015	1,6010D	JMF



Project Name: SUN VALLEY NURSERY FILLING STA**Lab Number:** L2354976**Project Number:** 12060 / PHASE 8**Report Date:** 09/26/23**SAMPLE RESULTS**

Lab ID: L2354976-09

Date Collected: 09/19/23 11:50

Client ID: COMP_E2(7-14)

Date Received: 09/19/23

Sample Location: Not Specified

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 89%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	13200		mg/kg	8.64	2.33	2	09/21/23 00:40	09/21/23 09:58	EPA 3050B	1,6010D	JMF
Antimony, Total	ND		mg/kg	4.32	0.328	2	09/21/23 00:40	09/21/23 09:58	EPA 3050B	1,6010D	JMF
Arsenic, Total	2.25		mg/kg	0.864	0.180	2	09/21/23 00:40	09/21/23 09:58	EPA 3050B	1,6010D	JMF
Barium, Total	155		mg/kg	0.864	0.150	2	09/21/23 00:40	09/21/23 09:58	EPA 3050B	1,6010D	JMF
Beryllium, Total	0.618		mg/kg	0.432	0.029	2	09/21/23 00:40	09/21/23 09:58	EPA 3050B	1,6010D	JMF
Cadmium, Total	ND		mg/kg	0.864	0.085	2	09/21/23 00:40	09/21/23 09:58	EPA 3050B	1,6010D	JMF
Calcium, Total	10200		mg/kg	8.64	3.02	2	09/21/23 00:40	09/21/23 09:58	EPA 3050B	1,6010D	JMF
Chromium, Total	23.3		mg/kg	0.864	0.083	2	09/21/23 00:40	09/21/23 09:58	EPA 3050B	1,6010D	JMF
Cobalt, Total	8.48		mg/kg	1.73	0.143	2	09/21/23 00:40	09/21/23 09:58	EPA 3050B	1,6010D	JMF
Copper, Total	22.9		mg/kg	0.864	0.223	2	09/21/23 00:40	09/21/23 09:58	EPA 3050B	1,6010D	JMF
Iron, Total	20000		mg/kg	4.32	0.780	2	09/21/23 00:40	09/21/23 09:58	EPA 3050B	1,6010D	JMF
Lead, Total	7.49		mg/kg	4.32	0.232	2	09/21/23 00:40	09/21/23 09:58	EPA 3050B	1,6010D	JMF
Magnesium, Total	8460		mg/kg	8.64	1.33	2	09/21/23 00:40	09/21/23 09:58	EPA 3050B	1,6010D	JMF
Manganese, Total	214		mg/kg	0.864	0.137	2	09/21/23 00:40	09/21/23 09:58	EPA 3050B	1,6010D	JMF
Mercury, Total	ND		mg/kg	0.077	0.050	1	09/21/23 01:25	09/21/23 11:30	EPA 7471B	1,7471B	GMG
Nickel, Total	16.7		mg/kg	2.16	0.209	2	09/21/23 00:40	09/21/23 09:58	EPA 3050B	1,6010D	JMF
Potassium, Total	6500		mg/kg	216	12.4	2	09/21/23 00:40	09/21/23 09:58	EPA 3050B	1,6010D	JMF
Selenium, Total	0.254	J	mg/kg	1.73	0.223	2	09/21/23 00:40	09/21/23 09:58	EPA 3050B	1,6010D	JMF
Silver, Total	ND		mg/kg	0.432	0.245	2	09/21/23 00:40	09/21/23 09:58	EPA 3050B	1,6010D	JMF
Sodium, Total	134	J	mg/kg	173	2.72	2	09/21/23 00:40	09/21/23 09:58	EPA 3050B	1,6010D	JMF
Thallium, Total	1.71	J	mg/kg	1.73	0.272	2	09/21/23 00:40	09/21/23 09:58	EPA 3050B	1,6010D	JMF
Vanadium, Total	33.4		mg/kg	0.864	0.175	2	09/21/23 00:40	09/21/23 09:58	EPA 3050B	1,6010D	JMF
Zinc, Total	53.5		mg/kg	4.32	0.253	2	09/21/23 00:40	09/21/23 09:58	EPA 3050B	1,6010D	JMF



Project Name: SUN VALLEY NURSERY FILLING STA

Lab Number: L2354976

Project Number: 12060 / PHASE 8

Report Date: 09/26/23

Method Blank Analysis Batch Quality Control

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 01,03,05,07,09 Batch: WG1829737-1										
Aluminum, Total	ND		mg/kg	4.00	1.08	1	09/21/23 00:40	09/21/23 08:51	1,6010D	JMF
Antimony, Total	0.308	J	mg/kg	2.00	0.152	1	09/21/23 00:40	09/21/23 08:51	1,6010D	JMF
Arsenic, Total	ND		mg/kg	0.400	0.083	1	09/21/23 00:40	09/21/23 08:51	1,6010D	JMF
Barium, Total	ND		mg/kg	0.400	0.070	1	09/21/23 00:40	09/21/23 08:51	1,6010D	JMF
Beryllium, Total	ND		mg/kg	0.200	0.013	1	09/21/23 00:40	09/21/23 08:51	1,6010D	JMF
Cadmium, Total	ND		mg/kg	0.400	0.039	1	09/21/23 00:40	09/21/23 08:51	1,6010D	JMF
Calcium, Total	ND		mg/kg	4.00	1.40	1	09/21/23 00:40	09/21/23 08:51	1,6010D	JMF
Chromium, Total	ND		mg/kg	0.400	0.038	1	09/21/23 00:40	09/21/23 08:51	1,6010D	JMF
Cobalt, Total	ND		mg/kg	0.800	0.066	1	09/21/23 00:40	09/21/23 08:51	1,6010D	JMF
Copper, Total	ND		mg/kg	0.400	0.103	1	09/21/23 00:40	09/21/23 08:51	1,6010D	JMF
Iron, Total	ND		mg/kg	2.00	0.361	1	09/21/23 00:40	09/21/23 08:51	1,6010D	JMF
Lead, Total	ND		mg/kg	2.00	0.107	1	09/21/23 00:40	09/21/23 08:51	1,6010D	JMF
Magnesium, Total	ND		mg/kg	4.00	0.616	1	09/21/23 00:40	09/21/23 08:51	1,6010D	JMF
Manganese, Total	ND		mg/kg	0.400	0.064	1	09/21/23 00:40	09/21/23 08:51	1,6010D	JMF
Nickel, Total	ND		mg/kg	1.00	0.097	1	09/21/23 00:40	09/21/23 08:51	1,6010D	JMF
Potassium, Total	ND		mg/kg	100	5.76	1	09/21/23 00:40	09/21/23 08:51	1,6010D	JMF
Selenium, Total	ND		mg/kg	0.800	0.103	1	09/21/23 00:40	09/21/23 08:51	1,6010D	JMF
Silver, Total	ND		mg/kg	0.200	0.113	1	09/21/23 00:40	09/21/23 08:51	1,6010D	JMF
Sodium, Total	8.73	J	mg/kg	80.0	1.26	1	09/21/23 00:40	09/21/23 08:51	1,6010D	JMF
Thallium, Total	ND		mg/kg	0.800	0.126	1	09/21/23 00:40	09/21/23 08:51	1,6010D	JMF
Vanadium, Total	ND		mg/kg	0.400	0.081	1	09/21/23 00:40	09/21/23 08:51	1,6010D	JMF
Zinc, Total	ND		mg/kg	2.00	0.117	1	09/21/23 00:40	09/21/23 08:51	1,6010D	JMF

Prep Information

Digestion Method: EPA 3050B

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 01,03,05,07,09 Batch: WG1829738-1										
Mercury, Total	ND		mg/kg	0.083	0.054	1	09/21/23 01:25	09/21/23 10:17	1,7471B	GMG



Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 8

Lab Number: L2354976
Report Date: 09/26/23

Method Blank Analysis Batch Quality Control

Prep Information

Digestion Method: EPA 7471B

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
TCLP Metals by EPA 1311 - Mansfield Lab for sample(s): 01,03,05,07,09 Batch: WG1830792-1										
Arsenic, TCLP	ND		mg/l	1.00	0.0190	1	09/22/23 20:10	09/23/23 09:59	1,6010D	JMF
Barium, TCLP	ND		mg/l	0.500	0.0210	1	09/22/23 20:10	09/23/23 09:59	1,6010D	JMF
Cadmium, TCLP	ND		mg/l	0.100	0.0100	1	09/22/23 20:10	09/23/23 09:59	1,6010D	JMF
Chromium, TCLP	ND		mg/l	0.200	0.0210	1	09/22/23 20:10	09/23/23 09:59	1,6010D	JMF
Lead, TCLP	ND		mg/l	0.500	0.0270	1	09/22/23 20:10	09/23/23 09:59	1,6010D	JMF
Selenium, TCLP	ND		mg/l	0.500	0.0350	1	09/22/23 20:10	09/23/23 09:59	1,6010D	JMF
Silver, TCLP	ND		mg/l	0.100	0.0280	1	09/22/23 20:10	09/23/23 09:59	1,6010D	JMF

Prep Information

Digestion Method: EPA 3015
TCLP/SPLP Extraction Date: 09/20/23 10:55

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
TCLP Metals by EPA 1311 - Mansfield Lab for sample(s): 01,03,05,07,09 Batch: WG1830794-1										
Mercury, TCLP	ND		mg/l	0.0010	0.0005	1	09/22/23 17:19	09/25/23 11:17	1,7470A	MJR

Prep Information

Digestion Method: EPA 7470A
TCLP/SPLP Extraction Date: 09/20/23 10:55

Lab Control Sample Analysis

Batch Quality Control

Project Name: SUN VALLEY NURSERY FILLING STA

Lab Number: L2354976

Project Number: 12060 / PHASE 8

Report Date: 09/26/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01,03,05,07,09 Batch: WG1829737-2 SRM Lot Number: D119-540								
Aluminum, Total	78		-		48-152	-		
Antimony, Total	170		-		10-190	-		
Arsenic, Total	106		-		83-117	-		
Barium, Total	101		-		82-118	-		
Beryllium, Total	104		-		83-117	-		
Cadmium, Total	98		-		82-117	-		
Calcium, Total	100		-		81-118	-		
Chromium, Total	105		-		82-119	-		
Cobalt, Total	104		-		83-117	-		
Copper, Total	99		-		84-116	-		
Iron, Total	103		-		60-140	-		
Lead, Total	104		-		82-118	-		
Magnesium, Total	98		-		76-124	-		
Manganese, Total	101		-		82-118	-		
Nickel, Total	103		-		82-117	-		
Potassium, Total	94		-		70-130	-		
Selenium, Total	108		-		79-121	-		
Silver, Total	110		-		80-120	-		
Sodium, Total	110		-		74-126	-		
Thallium, Total	101		-		81-119	-		
Vanadium, Total	101		-		79-121	-		

Lab Control Sample Analysis

Batch Quality Control

Project Name: SUN VALLEY NURSERY FILLING STA

Project Number: 12060 / PHASE 8

Lab Number: L2354976

Report Date: 09/26/23

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01,03,05,07,09 Batch: WG1829737-2 SRM Lot Number: D119-540					
Zinc, Total	107	-	80-120	-	
Total Metals - Mansfield Lab Associated sample(s): 01,03,05,07,09 Batch: WG1829738-2 SRM Lot Number: D119-540					
Mercury, Total	106	-	73-127	-	
TCLP Metals by EPA 1311 - Mansfield Lab Associated sample(s): 01,03,05,07,09 Batch: WG1830792-2					
Arsenic, TCLP	97	-	75-125	-	20
Barium, TCLP	93	-	75-125	-	20
Cadmium, TCLP	94	-	75-125	-	20
Chromium, TCLP	94	-	75-125	-	20
Lead, TCLP	92	-	75-125	-	20
Selenium, TCLP	100	-	75-125	-	20
Silver, TCLP	97	-	75-125	-	20
TCLP Metals by EPA 1311 - Mansfield Lab Associated sample(s): 01,03,05,07,09 Batch: WG1830794-2					
Mercury, TCLP	95	-	80-120	-	

Matrix Spike Analysis

Batch Quality Control

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 8

Lab Number: L2354976
Report Date: 09/26/23

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01,03,05,07,09 QC Batch ID: WG1829737-3 QC Sample: L2353747-02 Client ID: MS Sample												
Aluminum, Total	1660	6790	9240	112		-	-		75-125	-		20
Antimony, Total	ND	1700	2180	128	Q	-	-		75-125	-		20
Arsenic, Total	ND	408	434	106		-	-		75-125	-		20
Barium, Total	184	6790	7360	106		-	-		75-125	-		20
Beryllium, Total	ND	170	183	108		-	-		75-125	-		20
Cadmium, Total	ND	180	186	103		-	-		75-125	-		20
Calcium, Total	7850	34000	42400	102		-	-		75-125	-		20
Chromium, Total	11.8J	679	730	107		-	-		75-125	-		20
Cobalt, Total	3.02J	1700	1810	106		-	-		75-125	-		20
Copper, Total	498	849	1420	108		-	-		75-125	-		20
Iron, Total	8800	3400	12400	106		-	-		75-125	-		20
Lead, Total	27.3J	1800	1860	103		-	-		75-125	-		20
Magnesium, Total	1920	34000	39500	111		-	-		75-125	-		20
Manganese, Total	1010	1700	2680	98		-	-		75-125	-		20
Nickel, Total	46.4	1700	1800	103		-	-		75-125	-		20
Potassium, Total	3690J	34000	42400	125		-	-		75-125	-		20
Selenium, Total	6.20J	408	461	113		-	-		75-125	-		20
Silver, Total	ND	170	180	106		-	-		75-125	-		20
Sodium, Total	8150	34000	46600	113		-	-		75-125	-		20
Thallium, Total	ND	408	405	99		-	-		75-125	-		20
Vanadium, Total	ND	1700	1780	105		-	-		75-125	-		20

Matrix Spike Analysis **Batch Quality Control**

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 8

Lab Number: L2354976
Report Date: 09/26/23

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	MSD Found	MSD %Recovery	Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01,03,05,07,09 QC Batch ID: WG1829737-3 QC Sample: L2353747-02 Client ID: MS Sample									
Zinc, Total	1040	1700	3210	128	Q	-	75-125	-	20
Total Metals - Mansfield Lab Associated sample(s): 01,03,05,07,09 QC Batch ID: WG1829738-3 QC Sample: L2353747-02 Client ID: MS Sample									
Mercury, Total	ND	69.7	67.3	96	-	-	80-120	-	20
TCLP Metals by EPA 1311 - Mansfield Lab Associated sample(s): 01,03,05,07,09 QC Batch ID: WG1830792-3 QC Sample: L2354976-01 Client ID: COMP_B2(0-7)									
Arsenic, TCLP	ND	1.2	1.09	91	-	-	75-125	-	20
Barium, TCLP	0.940	20	18.6	88	-	-	75-125	-	20
Cadmium, TCLP	ND	0.53	0.460	87	-	-	75-125	-	20
Chromium, TCLP	ND	2	1.74	87	-	-	75-125	-	20
Lead, TCLP	ND	5.3	4.58	86	-	-	75-125	-	20
Selenium, TCLP	ND	1.2	1.15	96	-	-	75-125	-	20
Silver, TCLP	ND	0.5	0.456	91	-	-	75-125	-	20
TCLP Metals by EPA 1311 - Mansfield Lab Associated sample(s): 01,03,05,07,09 QC Batch ID: WG1830794-3 QC Sample: L2354976-01 Client ID: COMP_B2(0-7)									
Mercury, TCLP	ND	0.025	0.0246	98	-	-	75-125	-	20

Lab Duplicate Analysis *Batch Quality Control*

Project Name: SUN VALLEY NURSERY FILLING STA

Project Number: 12060 / PHASE 8

Lab Number: L2354976

Report Date: 09/26/23

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01,03,05,07,09 QC Batch ID: WG1829737-4 QC Sample: L2353747-02 Client ID: DUP Sample						
Aluminum, Total	1660	1730	mg/kg	4		20
Cadmium, Total	ND	ND	mg/kg	NC		20
Total Metals - Mansfield Lab Associated sample(s): 01,03,05,07,09 QC Batch ID: WG1829738-4 QC Sample: L2353747-02 Client ID: DUP Sample						
Mercury, Total	ND	ND	mg/kg	NC		20
TCLP Metals by EPA 1311 - Mansfield Lab Associated sample(s): 01,03,05,07,09 QC Batch ID: WG1830792-4 QC Sample: L2354976-01 Client ID: COMP_B2(0-7)						
Arsenic, TCLP	ND	ND	mg/l	NC		20
Barium, TCLP	0.940	0.962	mg/l	2		20
Cadmium, TCLP	ND	ND	mg/l	NC		20
Chromium, TCLP	ND	ND	mg/l	NC		20
Lead, TCLP	ND	ND	mg/l	NC		20
Selenium, TCLP	ND	ND	mg/l	NC		20
Silver, TCLP	ND	ND	mg/l	NC		20
TCLP Metals by EPA 1311 - Mansfield Lab Associated sample(s): 01,03,05,07,09 QC Batch ID: WG1830794-4 QC Sample: L2354976-01 Client ID: COMP_B2(0-7)						
Mercury, TCLP	ND	ND	mg/l	NC		20

INORGANICS & MISCELLANEOUS

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 8

Lab Number: L2354976
Report Date: 09/26/23

SAMPLE RESULTS

Lab ID: L2354976-01
Client ID: COMP_B2(0-7)
Sample Location: Not Specified

Date Collected: 09/19/23 09:15
Date Received: 09/19/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Test Material Information

Source of Material: Unknown
Description of Material: Non-Metallic - Wet Clay
Particle Size: Medium
Preliminary Burning Time (sec): 120

Parameter	Result	Date Analyzed	Analytical Method	Analyst
Ignitability of Solids - Westborough Lab				
Ignitability	NI	09/22/23 15:12	1,1030	GEF



Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 8

Lab Number: L2354976
Report Date: 09/26/23

SAMPLE RESULTS

Lab ID: L2354976-03
Client ID: COMP_B2(7-14)
Sample Location: Not Specified

Date Collected: 09/19/23 09:30
Date Received: 09/19/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Test Material Information

Source of Material: Unknown
Description of Material: Non-Metallic - Wet Clay
Particle Size: Medium
Preliminary Burning Time (sec): 120

Parameter	Result	Date Analyzed	Analytical Method	Analyst
Ignitability of Solids - Westborough Lab				
Ignitability	NI	09/22/23 15:12	1,1030	GEF



Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 8

Lab Number: L2354976
Report Date: 09/26/23

SAMPLE RESULTS

Lab ID: L2354976-05
Client ID: COMP_B2(14-21)
Sample Location: Not Specified

Date Collected: 09/19/23 09:45
Date Received: 09/19/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Test Material Information

Source of Material: Unknown
Description of Material: Non-Metallic - Wet Clay
Particle Size: Medium
Preliminary Burning Time (sec): 120

Parameter	Result	Date Analyzed	Analytical Method	Analyst
Ignitability of Solids - Westborough Lab				
Ignitability	NI	09/22/23 15:12	1,1030	GEF



Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 8

Lab Number: L2354976
Report Date: 09/26/23

SAMPLE RESULTS

Lab ID: L2354976-07
Client ID: COMP_E2(0-7)
Sample Location: Not Specified

Date Collected: 09/19/23 11:45
Date Received: 09/19/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Test Material Information

Source of Material: Unknown
Description of Material: Non-Metallic - Wet Clay
Particle Size: Medium
Preliminary Burning Time (sec): 120

Parameter	Result	Date Analyzed	Analytical Method	Analyst
Ignitability of Solids - Westborough Lab				
Ignitability	NI	09/22/23 15:12	1,1030	GEF



Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 8

Lab Number: L2354976
Report Date: 09/26/23

SAMPLE RESULTS

Lab ID: L2354976-09
Client ID: COMP_E2(7-14)
Sample Location: Not Specified

Date Collected: 09/19/23 11:50
Date Received: 09/19/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Test Material Information

Source of Material: Unknown
Description of Material: Non-Metallic - Wet Clay
Particle Size: Medium
Preliminary Burning Time (sec): 120

Parameter	Result	Date Analyzed	Analytical Method	Analyst
Ignitability of Solids - Westborough Lab				
Ignitability	NI	09/22/23 15:12	1,1030	GEF



Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 8

Lab Number: L2354976
Report Date: 09/26/23

SAMPLE RESULTS

Lab ID: L2354976-01
Client ID: COMP_B2(0-7)
Sample Location: Not Specified

Date Collected: 09/19/23 09:15
Date Received: 09/19/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	85.5		%	0.100	NA	1	-	09/20/23 13:16	121,2540G	ROI
Cyanide, Total	ND		mg/kg	1.2	0.24	1	09/22/23 10:20	09/22/23 14:32	1,9010C/9012B	JER
pH (H)	8.36		SU	-	NA	1	-	09/20/23 20:26	1,9045D	AAS
Chromium, Hexavalent	ND		mg/kg	0.936	0.187	1	09/21/23 08:15	09/22/23 12:10	1,7196A	LOF
Cyanide, Reactive	ND		mg/kg	10	10.	1	09/26/23 16:45	09/26/23 18:33	125,7.3	TLH
Sulfide, Reactive	ND		mg/kg	10	10.	1	09/26/23 16:45	09/26/23 18:19	125,7.3	JBL
Paint Filter Liquid	Negative		-	0	NA	1	-	09/20/23 17:02	1,9095B	AAS



Project Name: SUN VALLEY NURSERY FILLING STA**Lab Number:** L2354976**Project Number:** 12060 / PHASE 8**Report Date:** 09/26/23**SAMPLE RESULTS**

Lab ID: L2354976-02

Date Collected: 09/19/23 09:15

Client ID: GRAB_B2(4.5-5)

Date Received: 09/19/23

Sample Location: Not Specified

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	85.5		%	0.100	NA	1	-	09/20/23 13:16	121,2540G	ROI



Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 8

Lab Number: L2354976
Report Date: 09/26/23

SAMPLE RESULTS

Lab ID: L2354976-03
Client ID: COMP_B2(7-14)
Sample Location: Not Specified

Date Collected: 09/19/23 09:30
Date Received: 09/19/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	88.3		%	0.100	NA	1	-	09/20/23 13:16	121,2540G	ROI
Cyanide, Total	ND		mg/kg	1.1	0.24	1	09/22/23 14:20	09/22/23 17:23	1,9010C/9012B	JER
pH (H)	8.39		SU	-	NA	1	-	09/20/23 20:26	1,9045D	AAS
Chromium, Hexavalent	0.204	J	mg/kg	0.906	0.181	1	09/21/23 08:15	09/22/23 12:10	1,7196A	LOF
Cyanide, Reactive	ND		mg/kg	10	10.	1	09/26/23 16:45	09/26/23 18:34	125,7.3	TLH
Sulfide, Reactive	ND		mg/kg	10	10.	1	09/26/23 16:45	09/26/23 18:19	125,7.3	JBL
Paint Filter Liquid	Positive		-	0	NA	1	-	09/20/23 17:02	1,9095B	AAS



Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 8

Lab Number: L2354976
Report Date: 09/26/23

SAMPLE RESULTS

Lab ID: L2354976-04
Client ID: GRAB_B2(7.5-8)
Sample Location: Not Specified

Date Collected: 09/19/23 09:30
Date Received: 09/19/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	88.3		%	0.100	NA	1	-	09/20/23 13:16	121,2540G	ROI



Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 8

Lab Number: L2354976
Report Date: 09/26/23

SAMPLE RESULTS

Lab ID: L2354976-05
Client ID: COMP_B2(14-21)
Sample Location: Not Specified

Date Collected: 09/19/23 09:45
Date Received: 09/19/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	90.0		%	0.100	NA	1	-	09/20/23 13:16	121,2540G	ROI
Cyanide, Total	ND		mg/kg	1.1	0.23	1	09/22/23 14:20	09/22/23 17:26	1,9010C/9012B	JER
pH (H)	8.68		SU	-	NA	1	-	09/20/23 20:26	1,9045D	AAS
Chromium, Hexavalent	ND		mg/kg	0.889	0.178	1	09/21/23 08:15	09/22/23 12:10	1,7196A	LOF
Cyanide, Reactive	ND		mg/kg	10	10.	1	09/26/23 16:45	09/26/23 18:34	125,7.3	TLH
Sulfide, Reactive	ND		mg/kg	10	10.	1	09/26/23 16:45	09/26/23 18:19	125,7.3	JBL
Paint Filter Liquid	Negative		-	0	NA	1	-	09/20/23 17:02	1,9095B	AAS



Project Name: SUN VALLEY NURSERY FILLING STA**Lab Number:** L2354976**Project Number:** 12060 / PHASE 8**Report Date:** 09/26/23**SAMPLE RESULTS**

Lab ID: L2354976-06

Date Collected: 09/19/23 09:45

Client ID: GRAB_B2(15.5-16)

Date Received: 09/19/23

Sample Location: Not Specified

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	90.0		%	0.100	NA	1	-	09/20/23 13:16	121,2540G	ROI



Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 8

Lab Number: L2354976
Report Date: 09/26/23

SAMPLE RESULTS

Lab ID: L2354976-07
Client ID: COMP_E2(0-7)
Sample Location: Not Specified

Date Collected: 09/19/23 11:45
Date Received: 09/19/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	89.0		%	0.100	NA	1	-	09/20/23 13:16	121,2540G	ROI
Cyanide, Total	ND		mg/kg	1.1	0.23	1	09/22/23 14:20	09/22/23 17:27	1,9010C/9012B	JER
pH (H)	8.50		SU	-	NA	1	-	09/20/23 20:26	1,9045D	AAS
Chromium, Hexavalent	ND		mg/kg	0.899	0.180	1	09/21/23 08:15	09/22/23 12:10	1,7196A	LOF
Cyanide, Reactive	ND		mg/kg	10	10.	1	09/26/23 16:45	09/26/23 18:34	125,7.3	TLH
Sulfide, Reactive	ND		mg/kg	10	10.	1	09/26/23 16:45	09/26/23 18:19	125,7.3	JBL
Paint Filter Liquid	Negative		-	0	NA	1	-	09/20/23 17:02	1,9095B	AAS



Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 8

Lab Number: L2354976
Report Date: 09/26/23

SAMPLE RESULTS

Lab ID: L2354976-08
Client ID: GRAB_E2(3.5-4)
Sample Location: Not Specified

Date Collected: 09/19/23 11:45
Date Received: 09/19/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	89.0		%	0.100	NA	1	-	09/20/23 13:16	121,2540G	ROI



Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 8

Lab Number: L2354976
Report Date: 09/26/23

SAMPLE RESULTS

Lab ID: L2354976-09
Client ID: COMP_E2(7-14)
Sample Location: Not Specified

Date Collected: 09/19/23 11:50
Date Received: 09/19/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	89.2		%	0.100	NA	1	-	09/20/23 13:16	121,2540G	ROI
Cyanide, Total	ND		mg/kg	1.1	0.23	1	09/22/23 14:20	09/22/23 17:28	1,9010C/9012B	JER
pH (H)	8.77		SU	-	NA	1	-	09/20/23 20:26	1,9045D	AAS
Chromium, Hexavalent	ND		mg/kg	0.897	0.179	1	09/21/23 08:15	09/22/23 12:10	1,7196A	LOF
Cyanide, Reactive	ND		mg/kg	10	10.	1	09/26/23 16:45	09/26/23 18:35	125,7.3	TLH
Sulfide, Reactive	ND		mg/kg	10	10.	1	09/26/23 16:45	09/26/23 18:20	125,7.3	JBL
Paint Filter Liquid	Positive		-	0	NA	1	-	09/20/23 17:02	1,9095B	AAS



Project Name: SUN VALLEY NURSERY FILLING STA**Lab Number:** L2354976**Project Number:** 12060 / PHASE 8**Report Date:** 09/26/23**SAMPLE RESULTS**

Lab ID: L2354976-10

Date Collected: 09/19/23 11:50

Client ID: GRAB_E2(7.5-8)

Date Received: 09/19/23

Sample Location: Not Specified

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	89.2		%	0.100	NA	1	-	09/20/23 13:16	121,2540G	ROI



Project Name: SUN VALLEY NURSERY FILLING STA**Lab Number:** L2354976**Project Number:** 12060 / PHASE 8**Report Date:** 09/26/23

Method Blank Analysis Batch Quality Control

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab for sample(s): 01,03,05,07,09 Batch: WG1830168-1										
Chromium, Hexavalent	ND		mg/kg	0.800	0.160	1	09/21/23 08:15	09/22/23 12:10	1,7196A	LOF
General Chemistry - Westborough Lab for sample(s): 01 Batch: WG1830660-1										
Cyanide, Total	ND		mg/kg	0.89	0.19	1	09/22/23 10:20	09/22/23 14:15	1,9010C/9012B	JER
General Chemistry - Westborough Lab for sample(s): 03,05,07,09 Batch: WG1830788-1										
Cyanide, Total	ND		mg/kg	0.95	0.20	1	09/22/23 14:20	09/22/23 17:13	1,9010C/9012B	JER
General Chemistry - Westborough Lab for sample(s): 01,03,05,07,09 Batch: WG1832163-1										
Sulfide, Reactive	ND		mg/kg	10	10.	1	09/26/23 16:45	09/26/23 18:18	125,7.3	JBL
General Chemistry - Westborough Lab for sample(s): 01,03,05,07,09 Batch: WG1832167-1										
Cyanide, Reactive	ND		mg/kg	10	10.	1	09/26/23 16:45	09/26/23 18:32	125,7.3	TLH

Lab Control Sample Analysis

Batch Quality Control

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 8

Lab Number: L2354976
Report Date: 09/26/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01,03,05,07,09 Batch: WG1829956-1								
pH	100		-		99-101	-		
General Chemistry - Westborough Lab Associated sample(s): 01,03,05,07,09 Batch: WG1830168-2								
Chromium, Hexavalent	88		-		80-120	-		20
General Chemistry - Westborough Lab Associated sample(s): 01 Batch: WG1830660-2 WG1830660-3								
Cyanide, Total	77	Q	83		80-120	10		35
General Chemistry - Westborough Lab Associated sample(s): 03,05,07,09 Batch: WG1830788-2 WG1830788-3								
Cyanide, Total	86		92		80-120	3		35
General Chemistry - Westborough Lab Associated sample(s): 01,03,05,07,09 Batch: WG1832163-2								
Sulfide, Reactive	93		-		60-125	-		40
General Chemistry - Westborough Lab Associated sample(s): 01,03,05,07,09 Batch: WG1832167-2								
Cyanide, Reactive	73		-		30-125	-		40

Matrix Spike Analysis

Batch Quality Control

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 8

Lab Number: L2354976
Report Date: 09/26/23

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01,03,05,07,09 QC Batch ID: WG1830168-4 QC Sample: L2354976-05 Client ID: COMP_B2(14-21)												
Chromium, Hexavalent	ND	1200	1090	90		-	-		75-125	-		20
General Chemistry - Westborough Lab Associated sample(s): 01 QC Batch ID: WG1830660-4 WG1830660-5 QC Sample: L2354973-13 Client ID: MS Sample												
Cyanide, Total	ND	10	11	100		11	110		75-125	0		35
General Chemistry - Westborough Lab Associated sample(s): 03,05,07,09 QC Batch ID: WG1830788-4 WG1830788-5 QC Sample: L2354976-03 Client ID: COMP_B2(7-14)												
Cyanide, Total	ND	11	12	110		10	96		75-125	18		35

Lab Duplicate Analysis *Batch Quality Control*

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 8

Lab Number: L2354976
Report Date: 09/26/23

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01-10 QC Batch ID: WG1829791-1 QC Sample: L2354856-01 Client ID: DUP Sample						
Solids, Total	84.0	86.8	%	3		20
General Chemistry - Westborough Lab Associated sample(s): 01,03,05,07,09 QC Batch ID: WG1829956-2 QC Sample: L2354568-01 Client ID: DUP Sample						
pH	11.8	11.5	SU	3		5
General Chemistry - Westborough Lab Associated sample(s): 01,03,05,07,09 QC Batch ID: WG1830168-6 QC Sample: L2354976-05 Client ID: COMP_B2(14-21)						
Chromium, Hexavalent	ND	ND	mg/kg	NC		20
General Chemistry - Westborough Lab Associated sample(s): 01,03,05,07,09 QC Batch ID: WG1832163-3 QC Sample: L2354888-01 Client ID: DUP Sample						
Sulfide, Reactive	ND	ND	mg/kg	NC		40
General Chemistry - Westborough Lab Associated sample(s): 01,03,05,07,09 QC Batch ID: WG1832167-3 QC Sample: L2354888-01 Client ID: DUP Sample						
Cyanide, Reactive	ND	ND	mg/kg	NC		40

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 8

Serial_No: 09262320:02
Lab Number: L2354976
Report Date: 09/26/23

Sample Receipt and Container Information

Were project specific reporting limits specified? YES

Cooler Information

Cooler	Custody Seal
A	Absent

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2354976-01A	Plastic 2oz unpreserved for TS	A	NA		3.8	Y	Absent		TS(7)
L2354976-01B	Metals Only-Glass 60mL/2oz unpreserved	A	NA		3.8	Y	Absent		BE-Ti(180),BA-Ti(180),AS-Ti(180),AG-Ti(180),TL-Ti(180),NI-Ti(180),CR-Ti(180),AL-Ti(180),SE-Ti(180),ZN-Ti(180),CU-Ti(180),PB-Ti(180),SB-Ti(180),CO-Ti(180),V-Ti(180),FE-Ti(180),MN-Ti(180),HG-T(28),MG-Ti(180),CD-Ti(180),K-Ti(180),CA-Ti(180),NA-Ti(180)
L2354976-01C	Glass 120ml/4oz unpreserved	A	NA		3.8	Y	Absent		TCN-9010(14),IGNIT-1030(14),NJEPH-TPH-CAT2(14),REACTS(14),NYTCL-8270(14),HERB-APA(14),PH-9045(1),NYTCL-8081(14),PAINTF(),REACTCN(14),NYTCL-8082(365),HEXCR-7196(30)
L2354976-01D	Glass 500ml/16oz unpreserved	A	NA		3.8	Y	Absent		TCN-9010(14),IGNIT-1030(14),NJEPH-TPH-CAT2(14),REACTS(14),NYTCL-8270(14),HERB-APA(14),PH-9045(1),NYTCL-8081(14),PAINTF(),REACTCN(14),NYTCL-8082(365),HEXCR-7196(30)
L2354976-01E	Glass 500ml/16oz unpreserved	A	NA		3.8	Y	Absent		TCN-9010(14),IGNIT-1030(14),NJEPH-TPH-CAT2(14),REACTS(14),NYTCL-8270(14),HERB-APA(14),PH-9045(1),NYTCL-8081(14),PAINTF(),REACTCN(14),NYTCL-8082(365),HEXCR-7196(30)
L2354976-01X	Plastic 120ml HNO3 preserved Extracts	A	NA		3.8	Y	Absent		CD-CI(180),BA-CI(180),AS-CI(180),HG-C(28),PB-CI(180),CR-CI(180),SE-CI(180),AG-CI(180)
L2354976-01X9	Tumble Vessel	A	NA		3.8	Y	Absent		-
L2354976-02A	5 gram Encore Sampler	A	NA		3.8	Y	Absent		NYTCL-8260HLW(14)
L2354976-02B	5 gram Encore Sampler	A	NA		3.8	Y	Absent		NYTCL-8260HLW(14)
L2354976-02C	5 gram Encore Sampler	A	NA		3.8	Y	Absent		NYTCL-8260HLW(14)
L2354976-02X	Vial MeOH preserved split	A	NA		3.8	Y	Absent		NYTCL-8260HLW(14)
L2354976-02Y	Vial Water preserved split	A	NA		3.8	Y	Absent	20-SEP-23 15:53	NYTCL-8260HLW(14)
L2354976-02Z	Vial Water preserved split	A	NA		3.8	Y	Absent	20-SEP-23 15:53	NYTCL-8260HLW(14)
L2354976-03A	Plastic 2oz unpreserved for TS	A	NA		3.8	Y	Absent		TS(7)

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 8

Serial_No: 09262320:02
Lab Number: L2354976
Report Date: 09/26/23

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2354976-03B	Metals Only-Glass 60mL/2oz unpreserved	A	NA		3.8	Y	Absent		BE-Ti(180),BA-Ti(180),AS-Ti(180),AG-Ti(180),NI-Ti(180),AL-Ti(180),CR-Ti(180),TL-Ti(180),SE-Ti(180),ZN-Ti(180),CU-Ti(180),PB-Ti(180),SB-Ti(180),V-Ti(180),CO-Ti(180),HG-T(28),MN-Ti(180),FE-Ti(180),MG-Ti(180),CA-Ti(180),NA-Ti(180),K-Ti(180),CD-Ti(180)
L2354976-03C	Glass 120ml/4oz unpreserved	A	NA		3.8	Y	Absent		NYTCL-8270(14),REACTS(14),IGNIT-1030(14),NJEPH-TPH-CAT2(14),TCN-9010(14),HERB-APA(14),PH-9045(1),NYTCL-8081(14),PAINTF(),NYTCL-8082(365),REACTCN(14),HEXCR-7196(30)
L2354976-03D	Glass 500ml/16oz unpreserved	A	NA		3.8	Y	Absent		NYTCL-8270(14),REACTS(14),IGNIT-1030(14),NJEPH-TPH-CAT2(14),TCN-9010(14),HERB-APA(14),PH-9045(1),NYTCL-8081(14),PAINTF(),NYTCL-8082(365),REACTCN(14),HEXCR-7196(30)
L2354976-03E	Glass 500ml/16oz unpreserved	A	NA		3.8	Y	Absent		NYTCL-8270(14),REACTS(14),IGNIT-1030(14),NJEPH-TPH-CAT2(14),TCN-9010(14),HERB-APA(14),PH-9045(1),NYTCL-8081(14),PAINTF(),NYTCL-8082(365),REACTCN(14),HEXCR-7196(30)
L2354976-03X	Plastic 120ml HNO3 preserved Extracts	A	NA		3.8	Y	Absent		CD-CI(180),AS-CI(180),BA-CI(180),HG-C(28),PB-CI(180),SE-CI(180),CR-CI(180),AG-CI(180)
L2354976-03X9	Tumble Vessel	A	NA		3.8	Y	Absent		-
L2354976-04A	5 gram Encore Sampler	A	NA		3.8	Y	Absent		NYTCL-8260HLW(14)
L2354976-04B	5 gram Encore Sampler	A	NA		3.8	Y	Absent		NYTCL-8260HLW(14)
L2354976-04C	5 gram Encore Sampler	A	NA		3.8	Y	Absent		NYTCL-8260HLW(14)
L2354976-04X	Vial MeOH preserved split	A	NA		3.8	Y	Absent		NYTCL-8260HLW(14)
L2354976-04Y	Vial Water preserved split	A	NA		3.8	Y	Absent	20-SEP-23 15:53	NYTCL-8260HLW(14)
L2354976-04Z	Vial Water preserved split	A	NA		3.8	Y	Absent	20-SEP-23 15:53	NYTCL-8260HLW(14)
L2354976-05A	Plastic 2oz unpreserved for TS	A	NA		3.8	Y	Absent		TS(7)
L2354976-05B	Metals Only-Glass 60mL/2oz unpreserved	A	NA		3.8	Y	Absent		BE-Ti(180),AS-Ti(180),BA-Ti(180),AG-Ti(180),NI-Ti(180),TL-Ti(180),CR-Ti(180),AL-Ti(180),ZN-Ti(180),CU-Ti(180),SE-Ti(180),PB-Ti(180),SB-Ti(180),CO-Ti(180),V-Ti(180),HG-T(28),MN-Ti(180),FE-Ti(180),MG-Ti(180),CA-Ti(180),K-Ti(180),NA-Ti(180),CD-Ti(180)

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 8

Serial_No:09262320:02
Lab Number: L2354976
Report Date: 09/26/23

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2354976-05C	Glass 120ml/4oz unpreserved	A	NA		3.8	Y	Absent		REACTS(14),TCN-9010(14),IGNIT-1030(14),NYTCL-8270(14),NJEPH-TPH-CAT2(14),HERB-APA(14),PH-9045(1),PAINTF(),NYTCL-8081(14),REACTCN(14),NYTCL-8082(365),HEXCR-7196(30)
L2354976-05D	Glass 500ml/16oz unpreserved	A	NA		3.8	Y	Absent		REACTS(14),TCN-9010(14),IGNIT-1030(14),NYTCL-8270(14),NJEPH-TPH-CAT2(14),HERB-APA(14),PH-9045(1),PAINTF(),NYTCL-8081(14),REACTCN(14),NYTCL-8082(365),HEXCR-7196(30)
L2354976-05E	Glass 500ml/16oz unpreserved	A	NA		3.8	Y	Absent		REACTS(14),TCN-9010(14),IGNIT-1030(14),NYTCL-8270(14),NJEPH-TPH-CAT2(14),HERB-APA(14),PH-9045(1),PAINTF(),NYTCL-8081(14),REACTCN(14),NYTCL-8082(365),HEXCR-7196(30)
L2354976-05X	Plastic 120ml HNO3 preserved Extracts	A	NA		3.8	Y	Absent		CD-CI(180),AS-CI(180),BA-CI(180),HG-C(28),PB-CI(180),SE-CI(180),CR-CI(180),AG-CI(180)
L2354976-05X9	Tumble Vessel	A	NA		3.8	Y	Absent		-
L2354976-06A	5 gram Encore Sampler	A	NA		3.8	Y	Absent		NYTCL-8260HLW(14)
L2354976-06B	5 gram Encore Sampler	A	NA		3.8	Y	Absent		NYTCL-8260HLW(14)
L2354976-06C	5 gram Encore Sampler	A	NA		3.8	Y	Absent		NYTCL-8260HLW(14)
L2354976-06X	Vial MeOH preserved split	A	NA		3.8	Y	Absent		NYTCL-8260HLW(14)
L2354976-06Y	Vial Water preserved split	A	NA		3.8	Y	Absent	20-SEP-23 15:53	NYTCL-8260HLW(14)
L2354976-06Z	Vial Water preserved split	A	NA		3.8	Y	Absent	20-SEP-23 15:53	NYTCL-8260HLW(14)
L2354976-07A	Plastic 2oz unpreserved for TS	A	NA		3.8	Y	Absent		TS(7)
L2354976-07B	Metals Only-Glass 60mL/2oz unpreserved	A	NA		3.8	Y	Absent		BE-TI(180),BA-TI(180),AS-TI(180),AG-TI(180),AL-TI(180),NI-TI(180),CR-TI(180),TL-TI(180),CU-TI(180),PB-TI(180),SE-TI(180),SB-TI(180),ZN-TI(180),CO-TI(180),V-TI(180),FE-TI(180),MG-TI(180),MN-TI(180),HG-T(28),CA-TI(180),NA-TI(180),CD-TI(180),K-TI(180)
L2354976-07C	Glass 120ml/4oz unpreserved	A	NA		3.8	Y	Absent		IGNIT-1030(14),REACTS(14),NJEPH-TPH-CAT2(14),NYTCL-8270(14),TCN-9010(14),HERB-APA(14),PH-9045(1),NYTCL-8081(14),PAINTF(),NYTCL-8082(365),REACTCN(14),HEXCR-7196(30)

Project Name: SUN VALLEY NURSERY FILLING STA**Lab Number:** L2354976**Project Number:** 12060 / PHASE 8**Report Date:** 09/26/23**Container Information**

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2354976-07D	Glass 500ml/16oz unpreserved	A	NA		3.8	Y	Absent		IGNIT-1030(14),REACTS(14),NJEPH-TPH-CAT2(14),NYTCL-8270(14),TCN-9010(14),HERB-APA(14),PH-9045(1),NYTCL-8081(14),PAINTF(),NYTCL-8082(365),REACTCN(14),HEXCR-7196(30)
L2354976-07E	Glass 500ml/16oz unpreserved	A	NA		3.8	Y	Absent		IGNIT-1030(14),REACTS(14),NJEPH-TPH-CAT2(14),NYTCL-8270(14),TCN-9010(14),HERB-APA(14),PH-9045(1),NYTCL-8081(14),PAINTF(),NYTCL-8082(365),REACTCN(14),HEXCR-7196(30)
L2354976-07X	Plastic 120ml HNO3 preserved Extracts	A	NA		3.8	Y	Absent		CD-CI(180),AS-CI(180),BA-CI(180),HG-C(28),PB-CI(180),SE-CI(180),CR-CI(180),AG-CI(180)
L2354976-07X9	Tumble Vessel	A	NA		3.8	Y	Absent		-
L2354976-08A	5 gram Encore Sampler	A	NA		3.8	Y	Absent		NYTCL-8260HLW(14)
L2354976-08B	5 gram Encore Sampler	A	NA		3.8	Y	Absent		NYTCL-8260HLW(14)
L2354976-08C	5 gram Encore Sampler	A	NA		3.8	Y	Absent		NYTCL-8260HLW(14)
L2354976-08X	Vial MeOH preserved split	A	NA		3.8	Y	Absent		NYTCL-8260HLW(14)
L2354976-08Y	Vial Water preserved split	A	NA		3.8	Y	Absent	20-SEP-23 15:53	NYTCL-8260HLW(14)
L2354976-08Z	Vial Water preserved split	A	NA		3.8	Y	Absent	20-SEP-23 15:53	NYTCL-8260HLW(14)
L2354976-09A	Plastic 2oz unpreserved for TS	A	NA		3.8	Y	Absent		TS(7)
L2354976-09B	Metals Only-Glass 60mL/2oz unpreserved	A	NA		3.8	Y	Absent		BE-TI(180),BA-TI(180),AS-TI(180),AG-TI(180),AL-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),SE-TI(180),ZN-TI(180),SB-TI(180),CU-TI(180),PB-TI(180),V-TI(180),CO-TI(180),MG-TI(180),HG-T(28),MN-TI(180),FE-TI(180),CA-TI(180),K-TI(180),CD-TI(180),NA-TI(180)
L2354976-09C	Glass 120ml/4oz unpreserved	A	NA		3.8	Y	Absent		REACTS(14),NJEPH-TPH-CAT2(14),IGNIT-1030(14),NYTCL-8270(14),TCN-9010(14),HERB-APA(14),PH-9045(1),NYTCL-8081(14),PAINTF(),NYTCL-8082(365),REACTCN(14),HEXCR-7196(30)
L2354976-09D	Glass 500ml/16oz unpreserved	A	NA		3.8	Y	Absent		REACTS(14),NJEPH-TPH-CAT2(14),IGNIT-1030(14),NYTCL-8270(14),TCN-9010(14),HERB-APA(14),PH-9045(1),NYTCL-8081(14),PAINTF(),NYTCL-8082(365),REACTCN(14),HEXCR-7196(30)
L2354976-09E	Glass 500ml/16oz unpreserved	A	NA		3.8	Y	Absent		REACTS(14),NJEPH-TPH-CAT2(14),IGNIT-1030(14),NYTCL-8270(14),TCN-9010(14),HERB-APA(14),PH-9045(1),NYTCL-8081(14),PAINTF(),NYTCL-8082(365),REACTCN(14),HEXCR-7196(30)

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 8

Serial_No: 09262320:02
Lab Number: L2354976
Report Date: 09/26/23

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2354976-09X	Plastic 120ml HNO3 preserved Extracts	A	NA		3.8	Y	Absent		CD-CI(180),BA-CI(180),AS-CI(180),HG-C(28),PB-CI(180),CR-CI(180),SE-CI(180),AG-CI(180)
L2354976-09X9	Tumble Vessel	A	NA		3.8	Y	Absent		-
L2354976-10A	5 gram Encore Sampler	A	NA		3.8	Y	Absent		NYTCL-8260HLW(14)
L2354976-10B	5 gram Encore Sampler	A	NA		3.8	Y	Absent		NYTCL-8260HLW(14)
L2354976-10C	5 gram Encore Sampler	A	NA		3.8	Y	Absent		NYTCL-8260HLW(14)
L2354976-10X	Vial MeOH preserved split	A	NA		3.8	Y	Absent		NYTCL-8260HLW(14)
L2354976-10Y	Vial Water preserved split	A	NA		3.8	Y	Absent	20-SEP-23 15:53	NYTCL-8260HLW(14)
L2354976-10Z	Vial Water preserved split	A	NA		3.8	Y	Absent	20-SEP-23 15:53	NYTCL-8260HLW(14)

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 8

Lab Number: L2354976
Report Date: 09/26/23

GLOSSARY

Acronyms

DL	- Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the limit of quantitation (LOQ). The DL includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
EDL	- Estimated Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The EDL includes any adjustments from dilutions, concentrations or moisture content, where applicable. The use of EDLs is specific to the analysis of PAHs using Solid-Phase Microextraction (SPME).
EMPC	- Estimated Maximum Possible Concentration: The concentration that results from the signal present at the retention time of an analyte when the ions meet all of the identification criteria except the ion abundance ratio criteria. An EMPC is a worst-case estimate of the concentration.
EPA	- Environmental Protection Agency.
LCS	- Laboratory Control Sample: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.
LCSD	- Laboratory Control Sample Duplicate: Refer to LCS.
LFB	- Laboratory Fortified Blank: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.
LOD	- Limit of Detection: This value represents the level to which a target analyte can reliably be detected for a specific analyte in a specific matrix by a specific method. The LOD includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
LOQ	- Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.) Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
MDL	- Method Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The MDL includes any adjustments from dilutions, concentrations or moisture content, where applicable.
MS	- Matrix Spike Sample: A sample prepared by adding a known mass of target analyte to a specified amount of matrix sample for which an independent estimate of target analyte concentration is available. For Method 332.0, the spike recovery is calculated using the native concentration, including estimated values.
MSD	- Matrix Spike Sample Duplicate: Refer to MS.
NA	- Not Applicable.
NC	- Not Calculated: Term is utilized when one or more of the results utilized in the calculation are non-detect at the parameter's reporting unit.
NDPA/DPA	- N-Nitrosodiphenylamine/Diphenylamine.
NI	- Not Ignitable.
NP	- Non-Plastic: Term is utilized for the analysis of Atterberg Limits in soil.
NR	- No Results: Term is utilized when 'No Target Compounds Requested' is reported for the analysis of Volatile or Semivolatile Organic TIC only requests.
RL	- Reporting Limit: The value at which an instrument can accurately measure an analyte at a specific concentration. The RL includes any adjustments from dilutions, concentrations or moisture content, where applicable.
RPD	- Relative Percent Difference: The results from matrix and/or matrix spike duplicates are primarily designed to assess the precision of analytical results in a given matrix and are expressed as relative percent difference (RPD). Values which are less than five times the reporting limit for any individual parameter are evaluated by utilizing the absolute difference between the values; although the RPD value will be provided in the report.
SRM	- Standard Reference Material: A reference sample of a known or certified value that is of the same or similar matrix as the associated field samples.
STLP	- Semi-dynamic Tank Leaching Procedure per EPA Method 1315.
TEF	- Toxic Equivalency Factors: The values assigned to each dioxin and furan to evaluate their toxicity relative to 2,3,7,8-TCDD.
TEQ	- Toxic Equivalent: The measure of a sample's toxicity derived by multiplying each dioxin and furan by its corresponding TEF and then summing the resulting values.
TIC	- Tentatively Identified Compound: A compound that has been identified to be present and is not part of the target compound list (TCL) for the method and/or program. All TICs are qualitatively identified and reported as estimated concentrations.

Report Format: DU Report with 'J' Qualifiers



Project Name: SUN VALLEY NURSERY FILLING STA
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Lab Number: L2354976
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Footnotes

- 1 - The reference for this analyte should be considered modified since this analyte is absent from the target analyte list of the original method.

Terms

Analytical Method: Both the document from which the method originates and the analytical reference method. (Example: EPA 8260B is shown as 1,8260B.) The codes for the reference method documents are provided in the References section of the Addendum.

Chlordane: The target compound Chlordane (CAS No. 57-74-9) is reported for GC ECD analyses. Per EPA, this compound "refers to a mixture of chlordane isomers, other chlorinated hydrocarbons and numerous other components." (Reference: USEPA Toxicological Review of Chlordane, In Support of Summary Information on the Integrated Risk Information System (IRIS), December 1997.)

Difference: With respect to Total Oxidizable Precursor (TOP) Assay analysis, the difference is defined as the Post-Treatment value minus the Pre-Treatment value.

Final pH: As it pertains to Sample Receipt & Container Information section of the report, Final pH reflects pH of container determined after adjustment at the laboratory, if applicable. If no adjustment required, value reflects Initial pH.

Frozen Date/Time: With respect to Volatile Organics in soil, Frozen Date/Time reflects the date/time at which associated Reagent Water-preserved vials were initially frozen. Note: If frozen date/time is beyond 48 hours from sample collection, value will be reflected in 'bold'.

Gasoline Range Organics (GRO): Gasoline Range Organics (GRO) results include all chromatographic peaks eluting from Methyl tert butyl ether through Naphthalene, with the exception of GRO analysis in support of State of Ohio programs, which includes all chromatographic peaks eluting from Hexane through Dodecane.

Initial pH: As it pertains to Sample Receipt & Container Information section of the report, Initial pH reflects pH of container determined upon receipt, if applicable.

PAH Total: With respect to Alkylated PAH analyses, the 'PAHs, Total' result is defined as the summation of results for all or a subset of the following compounds: Naphthalene, C1-C4 Naphthalenes, 2-Methylnaphthalene, 1-Methylnaphthalene, Biphenyl, Acenaphthylene, Acenaphthene, Fluorene, C1-C3 Fluorenes, Phenanthrene, C1-C4 Phenanthrenes/Anthracenes, Anthracene, Fluoranthene, Pyrene, C1-C4 Fluoranthenes/Pyrenes, Benz(a)anthracene, Chrysene, C1-C4 Chrysenes, Benzo(b)fluoranthene, Benzo(j)+(k)fluoranthene, Benzo(e)pyrene, Benzo(a)pyrene, Perylene, Indeno(1,2,3-cd)pyrene, Dibenz(ah)+(ac)anthracene, Benzo(g,h,i)perylene. If a 'Total' result is requested, the results of its individual components will also be reported.

PFAS Total: With respect to PFAS analyses, the 'PFAS, Total (5)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA and PFOS. In addition, the 'PFAS, Total (6)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA, PFDA and PFOS. For MassDEP DW compliance analysis only, the 'PFAS, Total (6)' result is defined as the summation of results at or above the RL. Note: If a 'Total' result is requested, the results of its individual components will also be reported.

Total: With respect to Organic analyses, a 'Total' result is defined as the summation of results for individual isomers or Aroclors. If a 'Total' result is requested, the results of its individual components will also be reported. This is applicable to 'Total' results for methods 8260, 8081 and 8082.

Data Qualifiers

- A** - Spectra identified as "Aldol Condensates" are byproducts of the extraction/concentration procedures when acetone is introduced in the process.
- B** - The analyte was detected above the reporting limit in the associated method blank. Flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For MCP-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For DOD-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank AND the analyte was detected above one-half the reporting limit (or above the reporting limit for common lab contaminants) in the associated method blank. For NJ-Air-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte above the reporting limit. For NJ-related projects (excluding Air), flag only applies to associated field samples that have detectable concentrations of the analyte, which was detected above the reporting limit in the associated method blank or above five times the reporting limit for common lab contaminants (Phthalates, Acetone, Methylene Chloride, 2-Butanone).
- C** - Co-elution: The target analyte co-elutes with a known lab standard (i.e. surrogate, internal standards, etc.) for co-extracted analyses.
- D** - Concentration of analyte was quantified from diluted analysis. Flag only applies to field samples that have detectable concentrations of the analyte.
- E** - Concentration of analyte exceeds the range of the calibration curve and/or linear range of the instrument.
- F** - The ratio of quantifier ion response to qualifier ion response falls outside of the laboratory criteria. Results are considered to be an estimated maximum concentration.
- G** - The concentration may be biased high due to matrix interferences (i.e. co-elution) with non-target compound(s). The result should be considered estimated.
- H** - The analysis of pH was performed beyond the regulatory-required holding time of 15 minutes from the time of sample collection.
- I** - The lower value for the two columns has been reported due to obvious interference.
- J** - Estimated value. The Target analyte concentration is below the quantitation limit (RL), but above the Method Detection Limit (MDL) or Estimated Detection Limit (EDL) for SPME-related analyses. This represents an estimated concentration for Tentatively

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Data Qualifiers

Identified Compounds (TICs). For calculated parameters, this represents that one or more values used in the calculation were estimated.

- M** - Reporting Limit (RL) exceeds the MCP CAM Reporting Limit for this analyte.
- ND** - Not detected at the method detection limit (MDL) for the sample, or estimated detection limit (EDL) for SPME-related analyses.
- NJ** - Presumptive evidence of compound. This represents an estimated concentration for Tentatively Identified Compounds (TICs), where the identification is based on a mass spectral library search.
- P** - The RPD between the results for the two columns exceeds the method-specified criteria.
- Q** - The quality control sample exceeds the associated acceptance criteria. For DOD-related projects, LCS and/or Continuing Calibration Standard exceedences are also qualified on all associated sample results. Note: This flag is not applicable for matrix spike recoveries when the sample concentration is greater than 4x the spike added or for batch duplicate RPD when the sample concentrations are less than 5x the RL. (Metals only.)
- R** - Analytical results are from sample re-analysis.
- RE** - Analytical results are from sample re-extraction.
- S** - Analytical results are from modified screening analysis.
- V** - The surrogate associated with this target analyte has a recovery outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)
- Z** - The batch matrix spike and/or duplicate associated with this target analyte has a recovery/RPD outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)

Report Format: DU Report with 'J' Qualifiers



Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 8

Lab Number: L2354976
Report Date: 09/26/23

REFERENCES

- 1 Test Methods for Evaluating Solid Waste: Physical/Chemical Methods. EPA SW-846. Third Edition. Updates I - VI, 2018.
- 103 Analysis of Extractable Petroleum Hydrocarbon Compounds (EPH) in Aqueous and Soil/Sediment/Sludge Matrices. New Jersey Department of Environmental Protection, Site Remediation Program, (Version 1.1), Document # NJDEP EPH 10/08, Revision 3, August 2010.
- 121 Standard Methods for the Examination of Water and Wastewater. APHA-AWWA-WEF. Standard Methods Online.
- 125 Test Methods for Evaluating Solid Waste: Physical/Chemical Methods. EPA SW-846. Third Edition. Updates IIIA, April 1998.

LIMITATION OF LIABILITIES

Alpha Analytical performs services with reasonable care and diligence normal to the analytical testing laboratory industry. In the event of an error, the sole and exclusive responsibility of Alpha Analytical shall be to re-perform the work at it's own expense. In no event shall Alpha Analytical be held liable for any incidental, consequential or special damages, including but not limited to, damages in any way connected with the use of, interpretation of, information or analysis provided by Alpha Analytical.

We strongly urge our clients to comply with EPA protocol regarding sample volume, preservation, cooling, containers, sampling procedures, holding time and splitting of samples in the field.



Alpha Analytical, Inc.Facility: **Company-wide**Department: **Quality Assurance**Title: **Certificate/Approval Program Summary**ID No.: **17873**

Revision 20

Published Date: 6/16/2023 4:52:28 PM

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Certification Information

The following analytes are not included in our Primary NELAP Scope of Accreditation:

Westborough Facility**EPA 624.1:** m/p-xylene, o-xylene, Naphthalene**EPA 625.1:** alpha-Terpineol**EPA 8260D:** NPW: 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene, Azobenzene; SCM: Iodomethane (methyl iodide), 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene.**EPA 8270E:** NPW: Dimethylnaphthalene, 1,4-Diphenylhydrazine, alpha-Terpineol; SCM: Dimethylnaphthalene, 1,4-Diphenylhydrazine.**SM4500:** NPW: Amenable Cyanide; SCM: Total Phosphorus, TKN, NO₂, NO₃.**Mansfield Facility****SM 2540D:** TSS.**EPA TO-15:** Halothane, 2,4,4-Trimethyl-2-pentene, 2,4,4-Trimethyl-1-pentene, Thiophene, 2-Methylthiophene,

3-Methylthiophene, 2-Ethylthiophene, 1,2,3-Trimethylbenzene, Indan, Indene, 1,2,4,5-Tetramethylbenzene, Benzothiophene, 1-Methylnaphthalene.

Biological Tissue Matrix: EPA 3050B

The following analytes are included in our Massachusetts DEP Scope of Accreditation

Westborough Facility:**Drinking Water****EPA 300.0:** Chloride, Nitrate-N, Fluoride, Sulfate; **EPA 353.2:** Nitrate-N, Nitrite-N; **SM4500NO3-F:** Nitrate-N, Nitrite-N; **SM4500F-C, SM4500CN-CE,****EPA 180.1, SM2130B, SM4500CI-D, SM2320B, SM2540C, SM4500H-B, SM4500NO2-B****EPA 524.2:** THMs and VOCs; **EPA 504.1:** EDB, DBCP.**Microbiology:** **SM9215B; SM9223-P/A, SM9223B-Colilert-QT, SM9222D.****Non-Potable Water****SM4500H,B, EPA 120.1, SM2510B, SM2540C, SM2320B, SM4500CL-E, SM4500F-BC, SM4500NH3-BH:** Ammonia-N and Kjeldahl-N, **EPA 350.1:**Ammonia-N, **LACHAT 10-107-06-1-B:** Ammonia-N, **EPA 351.1, SM4500NO3-F, EPA 353.2:** Nitrate-N, **SM4500P-E, SM4500P-B, E, SM4500SO4-E,****SM5220D, EPA 410.4, SM5210B, SM5310C, SM4500CL-D, EPA 1664, EPA 420.1, SM4500-CN-CE, SM2540D, EPA 300:** Chloride, Sulfate, Nitrate.**EPA 624.1:** Volatile Halocarbons & Aromatics,**EPA 608.3:** Chlordane, Toxaphene, Aldrin, alpha-BHC, beta-BHC, gamma-BHC, delta-BHC, Dieldrin, DDD, DDE, DDT, Endosulfan I, Endosulfan II, Endosulfan sulfate, Endrin, Endrin Aldehyde, Heptachlor, Heptachlor Epoxide, PCBs**EPA 625.1:** SVOC (Acid/Base/Neutral Extractables).**Microbiology:** **SM9223B-Colilert-QT; Enterolert-QT, SM9221E, EPA 1600, EPA 1603, SM9222D.****Mansfield Facility:****Drinking Water****EPA 200.7:** Al, Ba, Cd, Cr, Cu, Fe, Mn, Ni, Na, Ag, Ca, Zn. **EPA 200.8:** Al, Sb, As, Ba, Be, Cd, Cr, Cu, Pb, Mn, Ni, Se, Ag, TL, Zn. **EPA 245.1 Hg.****EPA 522, EPA 537.1.****Non-Potable Water****EPA 200.7:** Al, Sb, As, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Mo, Ni, K, Se, Ag, Na, Sr, TL, Ti, V, Zn.**EPA 200.8:** Al, Sb, As, Be, Cd, Cr, Cu, Fe, Pb, Mn, Ni, K, Se, Ag, Na, TL, Zn.**EPA 245.1 Hg.****SM2340B**

For a complete listing of analytes and methods, please contact your Alpha Project Manager.



ANALYTICAL REPORT

Lab Number:	L2353060
Client:	Soils Engineering Services, Inc. 959 Route 46E Parsippany, NJ 07054
ATTN:	James Vander Vliet
Phone:	(973) 808-9050
Project Name:	SUN VALLEY
Project Number:	12060 / PHASE 8
Report Date:	09/19/23

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Certifications & Approvals: MA (M-MA086), NH NELAP (2064), CT (PH-0826), IL (200077), IN (C-MA-03), KY (KY98045), ME (MA00086), MD (348), NJ (MA935), NY (11148), NC (25700/666), OH (CL108), OR (MA-1316), PA (68-03671), RI (LAO00065), TX (T104704476), VT (VT-0935), VA (460195), USDA (Permit #525-23-122-91930).

Eight Walkup Drive, Westborough, MA 01581-1019
508-898-9220 (Fax) 508-898-9193 800-624-9220 - www.alphalab.com



Project Name: SUN VALLEY
Project Number: 12060 / PHASE 8

Lab Number: L2353060
Report Date: 09/19/23

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L2353060-01	COMP_A3(0-7)	SOIL	OSSINING NY	09/12/23 11:15	09/12/23
L2353060-02	GRAB_A3(2-2.5)	SOIL	OSSINING NY	09/12/23 11:15	09/12/23
L2353060-03	COMP_A3(7-14)	SOIL	OSSINING NY	09/12/23 11:30	09/12/23
L2353060-04	GRAB_A3(7-7.5)	SOIL	OSSINING NY	09/12/23 11:30	09/12/23
L2353060-05	COMP_A3(14-25)	SOIL	OSSINING NY	09/12/23 11:45	09/12/23
L2353060-06	GRAB_A3(14.5-15)	SOIL	OSSINING NY	09/12/23 11:45	09/12/23
L2353060-07	COMP_B3(0-7)	SOIL	OSSINING NY	09/12/23 12:45	09/12/23
L2353060-08	GRAB_B3(14.5-15)	SOIL	OSSINING NY	09/12/23 13:15	09/12/23
L2353060-09	COMP_C3(0-9)	SOIL	OSSINING NY	09/12/23 14:45	09/12/23
L2353060-10	GRAB_C3(2-2.5)	SOIL	OSSINING NY	09/12/23 14:45	09/12/23
L2353060-11	COMP_B3(7-15)	SOIL	OSSINING NY	09/12/23 13:15	09/12/23
L2353060-12	GRAB_B3(4.5-5)	SOIL	OSSINING NY	09/12/23 12:45	09/12/23

Project Name: SUN VALLEY
Project Number: 12060 / PHASE 8

Lab Number: L2353060
Report Date: 09/19/23

Case Narrative

The samples were received in accordance with the Chain of Custody and no significant deviations were encountered during the preparation or analysis unless otherwise noted. Sample Receipt, Container Information, and the Chain of Custody are located at the back of the report.

Results contained within this report relate only to the samples submitted under this Alpha Lab Number and meet NELAP requirements for all NELAP accredited parameters unless otherwise noted in the following narrative. The data presented in this report is organized by parameter (i.e. VOC, SVOC, etc.). Sample specific Quality Control data (i.e. Surrogate Spike Recovery) is reported at the end of the target analyte list for each individual sample, followed by the Laboratory Batch Quality Control at the end of each parameter. Tentatively Identified Compounds (TICs), if requested, are reported for compounds identified to be present and are not part of the method/program Target Compound List, even if only a subset of the TCL are being reported. If a sample was re-analyzed or re-extracted due to a required quality control corrective action and if both sets of data are reported, the Laboratory ID of the re-analysis or re-extraction is designated with an "R" or "RE", respectively.

When multiple Batch Quality Control elements are reported (e.g. more than one LCS), the associated samples for each element are noted in the grey shaded header line of each data table. Any Laboratory Batch, Sample Specific % recovery or RPD value that is outside the listed Acceptance Criteria is bolded in the report. In reference to questions H (CAM) or 4 (RCP) when "NO" is checked, the performance criteria for CAM and RCP methods allow for some quality control failures to occur and still be within method compliance. In these instances, the specific failure is not narrated but noted in the associated QC Outlier Summary Report, located directly after the Case Narrative. QC information is also incorporated in the Data Usability Assessment table (Format 11) of our Data Merger tool, where it can be reviewed in conjunction with the sample result, associated regulatory criteria and any associated data usability implications.

Soil/sediments, solids and tissues are reported on a dry weight basis unless otherwise noted. Definitions of all data qualifiers and acronyms used in this report are provided in the Glossary located at the back of the report.

HOLD POLICY - For samples submitted on hold, Alpha's policy is to hold samples (with the exception of Air canisters) free of charge for 21 calendar days from the date the project is completed. After 21 calendar days, we will dispose of all samples submitted including those put on hold unless you have contacted your Alpha Project Manager and made arrangements for Alpha to continue to hold the samples. Air canisters will be disposed after 3 business days from the date the project is completed.

Please contact Project Management at 800-624-9220 with any questions.

Project Name: SUN VALLEY
Project Number: 12060 / PHASE 8

Lab Number: L2353060
Report Date: 09/19/23

Case Narrative (continued)

Report Submission

All non-detect (ND) or estimated concentrations (J-qualified) have been quantitated to the limit noted in the MDL column.

Sample Receipt

The analyses performed were specified by the client.

L2353060-02, -04, -06, -08, -10, and -12: The grab samples submitted for Volatile Organics were received without raw soil for the Total Solids analysis. At the client's request, the Total Solids results from the corresponding composite samples were utilized in the dry weight calculation of the Volatile Organics data.

Total Metals

L2353060-01, -03, -05, -07, -09, and -11: The sample has elevated detection limits for all elements, with the exception of mercury, due to the dilution required by the sample matrix.

Cyanide, Total

The WG1827242-2/-3 LCS/LCSD recoveries for cyanide, total (121%/122%), associated with L2353060-01, -03, -05, -07, -09, and -11, are outside our in-house acceptance criteria, but within the vendor-certified acceptance limits. The results of the original analyses are reported.

Hexavalent Chromium

The WG1827551-2 LCS recovery for chromium, hexavalent (56%), associated with L2353060-01, -03, -05, -07, -09, and -11, is outside our in-house acceptance criteria, but within the vendor-certified acceptance limits. The results of the original analyses are reported.

I, the undersigned, attest under the pains and penalties of perjury that, to the best of my knowledge and belief and based upon my personal inquiry of those responsible for providing the information contained in this analytical report, such information is accurate and complete. This certificate of analysis is not complete unless this page accompanies any and all pages of this report.

Authorized Signature:



Kelly O'Neill

Title: Technical Director/Representative

Date: 09/19/23

ORGANICS

VOLATILES

Project Name: SUN VALLEY
Project Number: 12060 / PHASE 8

Lab Number: L2353060
Report Date: 09/19/23

SAMPLE RESULTS

Lab ID: L2353060-02
Client ID: GRAB_A3(2-2.5)
Sample Location: OSSINING NY

Date Collected: 09/12/23 11:15
Date Received: 09/12/23
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 09/14/23 15:48
Analyst: LAC
Percent Solids: 92%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	4.4	2.0	1
1,1-Dichloroethane	ND		ug/kg	0.87	0.13	1
Chloroform	ND		ug/kg	1.3	0.12	1
Carbon tetrachloride	ND		ug/kg	0.87	0.20	1
1,2-Dichloropropane	ND		ug/kg	0.87	0.11	1
Dibromochloromethane	ND		ug/kg	0.87	0.12	1
1,1,2-Trichloroethane	ND		ug/kg	0.87	0.23	1
Tetrachloroethene	ND		ug/kg	0.44	0.17	1
Chlorobenzene	ND		ug/kg	0.44	0.11	1
Trichlorofluoromethane	ND		ug/kg	3.5	0.61	1
1,2-Dichloroethane	ND		ug/kg	0.87	0.22	1
1,1,1-Trichloroethane	ND		ug/kg	0.44	0.14	1
Bromodichloromethane	ND		ug/kg	0.44	0.10	1
trans-1,3-Dichloropropene	ND		ug/kg	0.87	0.24	1
cis-1,3-Dichloropropene	ND		ug/kg	0.44	0.14	1
1,3-Dichloropropene, Total	ND		ug/kg	0.44	0.14	1
1,1-Dichloropropene	ND		ug/kg	0.44	0.14	1
Bromoform	ND		ug/kg	3.5	0.21	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.44	0.14	1
Benzene	ND		ug/kg	0.44	0.14	1
Toluene	ND		ug/kg	0.87	0.47	1
Ethylbenzene	ND		ug/kg	0.87	0.12	1
Chloromethane	ND		ug/kg	3.5	0.81	1
Bromomethane	ND		ug/kg	1.7	0.51	1
Vinyl chloride	ND		ug/kg	0.87	0.29	1
Chloroethane	ND		ug/kg	1.7	0.39	1
1,1-Dichloroethene	ND		ug/kg	0.87	0.21	1
trans-1,2-Dichloroethene	ND		ug/kg	1.3	0.12	1

Project Name: SUN VALLEY
Project Number: 12060 / PHASE 8

Lab Number: L2353060
Report Date: 09/19/23

SAMPLE RESULTS

Lab ID: L2353060-02
Client ID: GRAB_A3(2-2.5)
Sample Location: OSSINING NY

Date Collected: 09/12/23 11:15
Date Received: 09/12/23
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Trichloroethene	ND		ug/kg	0.44	0.12	1
1,2-Dichlorobenzene	ND		ug/kg	1.7	0.12	1
1,3-Dichlorobenzene	ND		ug/kg	1.7	0.13	1
1,4-Dichlorobenzene	ND		ug/kg	1.7	0.15	1
Methyl tert butyl ether	ND		ug/kg	1.7	0.18	1
p/m-Xylene	ND		ug/kg	1.7	0.49	1
o-Xylene	ND		ug/kg	0.87	0.25	1
Xylenes, Total	ND		ug/kg	0.87	0.25	1
cis-1,2-Dichloroethene	ND		ug/kg	0.87	0.15	1
1,2-Dichloroethene, Total	ND		ug/kg	0.87	0.12	1
Dibromomethane	ND		ug/kg	1.7	0.21	1
Styrene	ND		ug/kg	0.87	0.17	1
Dichlorodifluoromethane	ND		ug/kg	8.7	0.80	1
Acetone	ND		ug/kg	8.7	4.2	1
Carbon disulfide	ND		ug/kg	8.7	4.0	1
2-Butanone	ND		ug/kg	8.7	1.9	1
Vinyl acetate	ND		ug/kg	8.7	1.9	1
4-Methyl-2-pentanone	ND		ug/kg	8.7	1.1	1
1,2,3-Trichloropropane	ND		ug/kg	1.7	0.11	1
2-Hexanone	ND		ug/kg	8.7	1.0	1
Bromochloromethane	ND		ug/kg	1.7	0.18	1
2,2-Dichloropropane	ND		ug/kg	1.7	0.18	1
1,2-Dibromoethane	ND		ug/kg	0.87	0.24	1
1,3-Dichloropropane	ND		ug/kg	1.7	0.14	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.44	0.12	1
Bromobenzene	ND		ug/kg	1.7	0.13	1
n-Butylbenzene	ND		ug/kg	0.87	0.14	1
sec-Butylbenzene	ND		ug/kg	0.87	0.13	1
tert-Butylbenzene	ND		ug/kg	1.7	0.10	1
o-Chlorotoluene	ND		ug/kg	1.7	0.17	1
p-Chlorotoluene	ND		ug/kg	1.7	0.09	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	2.6	0.87	1
Hexachlorobutadiene	ND		ug/kg	3.5	0.15	1
Isopropylbenzene	ND		ug/kg	0.87	0.10	1
p-Isopropyltoluene	ND		ug/kg	0.87	0.10	1
Naphthalene	ND		ug/kg	3.5	0.57	1
Acrylonitrile	ND		ug/kg	3.5	1.0	1

Project Name: SUN VALLEY
Project Number: 12060 / PHASE 8

Lab Number: L2353060
Report Date: 09/19/23

SAMPLE RESULTS

Lab ID: L2353060-02
Client ID: GRAB_A3(2-2.5)
Sample Location: OSSINING NY

Date Collected: 09/12/23 11:15
Date Received: 09/12/23
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
n-Propylbenzene	ND		ug/kg	0.87	0.15	1
1,2,3-Trichlorobenzene	ND		ug/kg	1.7	0.28	1
1,2,4-Trichlorobenzene	ND		ug/kg	1.7	0.24	1
1,3,5-Trimethylbenzene	ND		ug/kg	1.7	0.17	1
1,2,4-Trimethylbenzene	ND		ug/kg	1.7	0.29	1
1,4-Dioxane	ND		ug/kg	70	31.	1
p-Diethylbenzene	ND		ug/kg	1.7	0.15	1
p-Ethyltoluene	ND		ug/kg	1.7	0.33	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	1.7	0.17	1
Ethyl ether	ND		ug/kg	1.7	0.30	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	4.4	1.2	1

Tentatively Identified Compounds

No Tentatively Identified Compounds ND ug/kg 1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	120		70-130
Toluene-d8	95		70-130
4-Bromofluorobenzene	88		70-130
Dibromofluoromethane	117		70-130

Project Name: SUN VALLEY
Project Number: 12060 / PHASE 8

Lab Number: L2353060
Report Date: 09/19/23

SAMPLE RESULTS

Lab ID: L2353060-04
Client ID: GRAB_A3(7-7.5)
Sample Location: OSSINING NY

Date Collected: 09/12/23 11:30
Date Received: 09/12/23
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 09/14/23 16:14
Analyst: LAC
Percent Solids: 95%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	4.6	2.1	1
1,1-Dichloroethane	ND		ug/kg	0.91	0.13	1
Chloroform	ND		ug/kg	1.4	0.13	1
Carbon tetrachloride	ND		ug/kg	0.91	0.21	1
1,2-Dichloropropane	ND		ug/kg	0.91	0.11	1
Dibromochloromethane	ND		ug/kg	0.91	0.13	1
1,1,2-Trichloroethane	ND		ug/kg	0.91	0.24	1
Tetrachloroethene	ND		ug/kg	0.46	0.18	1
Chlorobenzene	ND		ug/kg	0.46	0.12	1
Trichlorofluoromethane	ND		ug/kg	3.6	0.63	1
1,2-Dichloroethane	ND		ug/kg	0.91	0.23	1
1,1,1-Trichloroethane	ND		ug/kg	0.46	0.15	1
Bromodichloromethane	ND		ug/kg	0.46	0.10	1
trans-1,3-Dichloropropene	ND		ug/kg	0.91	0.25	1
cis-1,3-Dichloropropene	ND		ug/kg	0.46	0.14	1
1,3-Dichloropropene, Total	ND		ug/kg	0.46	0.14	1
1,1-Dichloropropene	ND		ug/kg	0.46	0.14	1
Bromoform	ND		ug/kg	3.6	0.22	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.46	0.15	1
Benzene	ND		ug/kg	0.46	0.15	1
Toluene	ND		ug/kg	0.91	0.50	1
Ethylbenzene	ND		ug/kg	0.91	0.13	1
Chloromethane	ND		ug/kg	3.6	0.85	1
Bromomethane	ND		ug/kg	1.8	0.53	1
Vinyl chloride	ND		ug/kg	0.91	0.30	1
Chloroethane	ND		ug/kg	1.8	0.41	1
1,1-Dichloroethene	ND		ug/kg	0.91	0.22	1
trans-1,2-Dichloroethene	ND		ug/kg	1.4	0.12	1

Project Name: SUN VALLEY
Project Number: 12060 / PHASE 8

Lab Number: L2353060
Report Date: 09/19/23

SAMPLE RESULTS

Lab ID: L2353060-04
Client ID: GRAB_A3(7-7.5)
Sample Location: OSSINING NY

Date Collected: 09/12/23 11:30
Date Received: 09/12/23
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Trichloroethene	ND		ug/kg	0.46	0.12	1
1,2-Dichlorobenzene	ND		ug/kg	1.8	0.13	1
1,3-Dichlorobenzene	ND		ug/kg	1.8	0.14	1
1,4-Dichlorobenzene	ND		ug/kg	1.8	0.16	1
Methyl tert butyl ether	ND		ug/kg	1.8	0.18	1
p/m-Xylene	ND		ug/kg	1.8	0.51	1
o-Xylene	ND		ug/kg	0.91	0.26	1
Xylenes, Total	ND		ug/kg	0.91	0.26	1
cis-1,2-Dichloroethene	ND		ug/kg	0.91	0.16	1
1,2-Dichloroethene, Total	ND		ug/kg	0.91	0.12	1
Dibromomethane	ND		ug/kg	1.8	0.22	1
Styrene	ND		ug/kg	0.91	0.18	1
Dichlorodifluoromethane	ND		ug/kg	9.1	0.84	1
Acetone	7.7	J	ug/kg	9.1	4.4	1
Carbon disulfide	ND		ug/kg	9.1	4.2	1
2-Butanone	ND		ug/kg	9.1	2.0	1
Vinyl acetate	ND		ug/kg	9.1	2.0	1
4-Methyl-2-pentanone	ND		ug/kg	9.1	1.2	1
1,2,3-Trichloropropane	ND		ug/kg	1.8	0.12	1
2-Hexanone	ND		ug/kg	9.1	1.1	1
Bromochloromethane	ND		ug/kg	1.8	0.19	1
2,2-Dichloropropane	ND		ug/kg	1.8	0.18	1
1,2-Dibromoethane	ND		ug/kg	0.91	0.25	1
1,3-Dichloropropane	ND		ug/kg	1.8	0.15	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.46	0.12	1
Bromobenzene	ND		ug/kg	1.8	0.13	1
n-Butylbenzene	ND		ug/kg	0.91	0.15	1
sec-Butylbenzene	ND		ug/kg	0.91	0.13	1
tert-Butylbenzene	ND		ug/kg	1.8	0.11	1
o-Chlorotoluene	ND		ug/kg	1.8	0.17	1
p-Chlorotoluene	ND		ug/kg	1.8	0.10	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	2.7	0.91	1
Hexachlorobutadiene	ND		ug/kg	3.6	0.15	1
Isopropylbenzene	ND		ug/kg	0.91	0.10	1
p-Isopropyltoluene	ND		ug/kg	0.91	0.10	1
Naphthalene	ND		ug/kg	3.6	0.59	1
Acrylonitrile	ND		ug/kg	3.6	1.0	1

Project Name: SUN VALLEY
Project Number: 12060 / PHASE 8

Lab Number: L2353060
Report Date: 09/19/23

SAMPLE RESULTS

Lab ID: L2353060-04
Client ID: GRAB_A3(7-7.5)
Sample Location: OSSINING NY

Date Collected: 09/12/23 11:30
Date Received: 09/12/23
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
n-Propylbenzene	ND		ug/kg	0.91	0.16	1
1,2,3-Trichlorobenzene	ND		ug/kg	1.8	0.29	1
1,2,4-Trichlorobenzene	ND		ug/kg	1.8	0.25	1
1,3,5-Trimethylbenzene	ND		ug/kg	1.8	0.18	1
1,2,4-Trimethylbenzene	ND		ug/kg	1.8	0.30	1
1,4-Dioxane	ND		ug/kg	73	32.	1
p-Diethylbenzene	ND		ug/kg	1.8	0.16	1
p-Ethyltoluene	ND		ug/kg	1.8	0.35	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	1.8	0.17	1
Ethyl ether	ND		ug/kg	1.8	0.31	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	4.6	1.3	1

Tentatively Identified Compounds

No Tentatively Identified Compounds ND ug/kg 1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	119		70-130
Toluene-d8	95		70-130
4-Bromofluorobenzene	86		70-130
Dibromofluoromethane	116		70-130

Project Name: SUN VALLEY
Project Number: 12060 / PHASE 8

Lab Number: L2353060
Report Date: 09/19/23

SAMPLE RESULTS

Lab ID: L2353060-06
Client ID: GRAB_A3(14.5-15)
Sample Location: OSSINING NY

Date Collected: 09/12/23 11:45
Date Received: 09/12/23
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 09/14/23 16:41
Analyst: LAC
Percent Solids: 78%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	5.7	2.6	1
1,1-Dichloroethane	ND		ug/kg	1.1	0.16	1
Chloroform	ND		ug/kg	1.7	0.16	1
Carbon tetrachloride	ND		ug/kg	1.1	0.26	1
1,2-Dichloropropane	ND		ug/kg	1.1	0.14	1
Dibromochloromethane	ND		ug/kg	1.1	0.16	1
1,1,2-Trichloroethane	ND		ug/kg	1.1	0.30	1
Tetrachloroethene	ND		ug/kg	0.57	0.22	1
Chlorobenzene	ND		ug/kg	0.57	0.14	1
Trichlorofluoromethane	ND		ug/kg	4.5	0.79	1
1,2-Dichloroethane	ND		ug/kg	1.1	0.29	1
1,1,1-Trichloroethane	ND		ug/kg	0.57	0.19	1
Bromodichloromethane	ND		ug/kg	0.57	0.12	1
trans-1,3-Dichloropropene	ND		ug/kg	1.1	0.31	1
cis-1,3-Dichloropropene	ND		ug/kg	0.57	0.18	1
1,3-Dichloropropene, Total	ND		ug/kg	0.57	0.18	1
1,1-Dichloropropene	ND		ug/kg	0.57	0.18	1
Bromoform	ND		ug/kg	4.5	0.28	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.57	0.19	1
Benzene	ND		ug/kg	0.57	0.19	1
Toluene	ND		ug/kg	1.1	0.62	1
Ethylbenzene	ND		ug/kg	1.1	0.16	1
Chloromethane	ND		ug/kg	4.5	1.0	1
Bromomethane	ND		ug/kg	2.3	0.66	1
Vinyl chloride	ND		ug/kg	1.1	0.38	1
Chloroethane	ND		ug/kg	2.3	0.51	1
1,1-Dichloroethene	ND		ug/kg	1.1	0.27	1
trans-1,2-Dichloroethene	ND		ug/kg	1.7	0.16	1

Project Name: SUN VALLEY
Project Number: 12060 / PHASE 8

Lab Number: L2353060
Report Date: 09/19/23

SAMPLE RESULTS

Lab ID: L2353060-06
Client ID: GRAB_A3(14.5-15)
Sample Location: OSSINING NY

Date Collected: 09/12/23 11:45
Date Received: 09/12/23
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Trichloroethene	ND		ug/kg	0.57	0.16	1
1,2-Dichlorobenzene	ND		ug/kg	2.3	0.16	1
1,3-Dichlorobenzene	ND		ug/kg	2.3	0.17	1
1,4-Dichlorobenzene	ND		ug/kg	2.3	0.19	1
Methyl tert butyl ether	ND		ug/kg	2.3	0.23	1
p/m-Xylene	ND		ug/kg	2.3	0.63	1
o-Xylene	ND		ug/kg	1.1	0.33	1
Xylenes, Total	ND		ug/kg	1.1	0.33	1
cis-1,2-Dichloroethene	ND		ug/kg	1.1	0.20	1
1,2-Dichloroethene, Total	ND		ug/kg	1.1	0.16	1
Dibromomethane	ND		ug/kg	2.3	0.27	1
Styrene	ND		ug/kg	1.1	0.22	1
Dichlorodifluoromethane	ND		ug/kg	11	1.0	1
Acetone	5.6	J	ug/kg	11	5.4	1
Carbon disulfide	ND		ug/kg	11	5.2	1
2-Butanone	ND		ug/kg	11	2.5	1
Vinyl acetate	ND		ug/kg	11	2.4	1
4-Methyl-2-pentanone	ND		ug/kg	11	1.4	1
1,2,3-Trichloropropane	ND		ug/kg	2.3	0.14	1
2-Hexanone	ND		ug/kg	11	1.3	1
Bromochloromethane	ND		ug/kg	2.3	0.23	1
2,2-Dichloropropane	ND		ug/kg	2.3	0.23	1
1,2-Dibromoethane	ND		ug/kg	1.1	0.32	1
1,3-Dichloropropane	ND		ug/kg	2.3	0.19	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.57	0.15	1
Bromobenzene	ND		ug/kg	2.3	0.16	1
n-Butylbenzene	ND		ug/kg	1.1	0.19	1
sec-Butylbenzene	ND		ug/kg	1.1	0.16	1
tert-Butylbenzene	ND		ug/kg	2.3	0.13	1
o-Chlorotoluene	ND		ug/kg	2.3	0.22	1
p-Chlorotoluene	ND		ug/kg	2.3	0.12	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.4	1.1	1
Hexachlorobutadiene	ND		ug/kg	4.5	0.19	1
Isopropylbenzene	ND		ug/kg	1.1	0.12	1
p-Isopropyltoluene	ND		ug/kg	1.1	0.12	1
Naphthalene	ND		ug/kg	4.5	0.74	1
Acrylonitrile	ND		ug/kg	4.5	1.3	1

Project Name: SUN VALLEY
Project Number: 12060 / PHASE 8

Lab Number: L2353060
Report Date: 09/19/23

SAMPLE RESULTS

Lab ID: L2353060-06
Client ID: GRAB_A3(14.5-15)
Sample Location: OSSINING NY

Date Collected: 09/12/23 11:45
Date Received: 09/12/23
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
n-Propylbenzene	ND		ug/kg	1.1	0.19	1
1,2,3-Trichlorobenzene	ND		ug/kg	2.3	0.36	1
1,2,4-Trichlorobenzene	ND		ug/kg	2.3	0.31	1
1,3,5-Trimethylbenzene	ND		ug/kg	2.3	0.22	1
1,2,4-Trimethylbenzene	ND		ug/kg	2.3	0.38	1
1,4-Dioxane	ND		ug/kg	91	40.	1
p-Diethylbenzene	ND		ug/kg	2.3	0.20	1
p-Ethyltoluene	ND		ug/kg	2.3	0.44	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	2.3	0.22	1
Ethyl ether	ND		ug/kg	2.3	0.39	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	5.7	1.6	1

Tentatively Identified Compounds

No Tentatively Identified Compounds ND ug/kg 1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	121		70-130
Toluene-d8	95		70-130
4-Bromofluorobenzene	86		70-130
Dibromofluoromethane	115		70-130

Project Name: SUN VALLEY
Project Number: 12060 / PHASE 8

Lab Number: L2353060
Report Date: 09/19/23

SAMPLE RESULTS

Lab ID: L2353060-08
Client ID: GRAB_B3(14.5-15)
Sample Location: OSSINING NY

Date Collected: 09/12/23 13:15
Date Received: 09/12/23
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 09/14/23 17:07
Analyst: LAC
Percent Solids: 93%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	5.0	2.3	1
1,1-Dichloroethane	ND		ug/kg	1.0	0.14	1
Chloroform	ND		ug/kg	1.5	0.14	1
Carbon tetrachloride	ND		ug/kg	1.0	0.23	1
1,2-Dichloropropane	ND		ug/kg	1.0	0.12	1
Dibromochloromethane	ND		ug/kg	1.0	0.14	1
1,1,2-Trichloroethane	ND		ug/kg	1.0	0.27	1
Tetrachloroethene	ND		ug/kg	0.50	0.20	1
Chlorobenzene	ND		ug/kg	0.50	0.13	1
Trichlorofluoromethane	ND		ug/kg	4.0	0.70	1
1,2-Dichloroethane	ND		ug/kg	1.0	0.26	1
1,1,1-Trichloroethane	ND		ug/kg	0.50	0.17	1
Bromodichloromethane	ND		ug/kg	0.50	0.11	1
trans-1,3-Dichloropropene	ND		ug/kg	1.0	0.27	1
cis-1,3-Dichloropropene	ND		ug/kg	0.50	0.16	1
1,3-Dichloropropene, Total	ND		ug/kg	0.50	0.16	1
1,1-Dichloropropene	ND		ug/kg	0.50	0.16	1
Bromoform	ND		ug/kg	4.0	0.25	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.50	0.17	1
Benzene	ND		ug/kg	0.50	0.17	1
Toluene	ND		ug/kg	1.0	0.54	1
Ethylbenzene	ND		ug/kg	1.0	0.14	1
Chloromethane	ND		ug/kg	4.0	0.94	1
Bromomethane	ND		ug/kg	2.0	0.58	1
Vinyl chloride	ND		ug/kg	1.0	0.34	1
Chloroethane	ND		ug/kg	2.0	0.45	1
1,1-Dichloroethene	ND		ug/kg	1.0	0.24	1
trans-1,2-Dichloroethene	ND		ug/kg	1.5	0.14	1

Project Name: SUN VALLEY
Project Number: 12060 / PHASE 8

Lab Number: L2353060
Report Date: 09/19/23

SAMPLE RESULTS

Lab ID: L2353060-08
Client ID: GRAB_B3(14.5-15)
Sample Location: OSSINING NY

Date Collected: 09/12/23 13:15
Date Received: 09/12/23
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Trichloroethene	ND		ug/kg	0.50	0.14	1
1,2-Dichlorobenzene	ND		ug/kg	2.0	0.14	1
1,3-Dichlorobenzene	ND		ug/kg	2.0	0.15	1
1,4-Dichlorobenzene	ND		ug/kg	2.0	0.17	1
Methyl tert butyl ether	ND		ug/kg	2.0	0.20	1
p/m-Xylene	ND		ug/kg	2.0	0.56	1
o-Xylene	ND		ug/kg	1.0	0.29	1
Xylenes, Total	ND		ug/kg	1.0	0.29	1
cis-1,2-Dichloroethene	ND		ug/kg	1.0	0.18	1
1,2-Dichloroethene, Total	ND		ug/kg	1.0	0.14	1
Dibromomethane	ND		ug/kg	2.0	0.24	1
Styrene	ND		ug/kg	1.0	0.20	1
Dichlorodifluoromethane	ND		ug/kg	10	0.92	1
Acetone	18		ug/kg	10	4.8	1
Carbon disulfide	ND		ug/kg	10	4.6	1
2-Butanone	3.5	J	ug/kg	10	2.2	1
Vinyl acetate	ND		ug/kg	10	2.2	1
4-Methyl-2-pentanone	ND		ug/kg	10	1.3	1
1,2,3-Trichloropropane	ND		ug/kg	2.0	0.13	1
2-Hexanone	ND		ug/kg	10	1.2	1
Bromochloromethane	ND		ug/kg	2.0	0.20	1
2,2-Dichloropropane	ND		ug/kg	2.0	0.20	1
1,2-Dibromoethane	ND		ug/kg	1.0	0.28	1
1,3-Dichloropropane	ND		ug/kg	2.0	0.17	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.50	0.13	1
Bromobenzene	ND		ug/kg	2.0	0.14	1
n-Butylbenzene	ND		ug/kg	1.0	0.17	1
sec-Butylbenzene	ND		ug/kg	1.0	0.15	1
tert-Butylbenzene	ND		ug/kg	2.0	0.12	1
o-Chlorotoluene	ND		ug/kg	2.0	0.19	1
p-Chlorotoluene	ND		ug/kg	2.0	0.11	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.0	1.0	1
Hexachlorobutadiene	ND		ug/kg	4.0	0.17	1
Isopropylbenzene	ND		ug/kg	1.0	0.11	1
p-Isopropyltoluene	ND		ug/kg	1.0	0.11	1
Naphthalene	ND		ug/kg	4.0	0.65	1
Acrylonitrile	ND		ug/kg	4.0	1.2	1

Project Name: SUN VALLEY
Project Number: 12060 / PHASE 8

Lab Number: L2353060
Report Date: 09/19/23

SAMPLE RESULTS

Lab ID: L2353060-08
Client ID: GRAB_B3(14.5-15)
Sample Location: OSSINING NY

Date Collected: 09/12/23 13:15
Date Received: 09/12/23
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
n-Propylbenzene	ND		ug/kg	1.0	0.17	1
1,2,3-Trichlorobenzene	ND		ug/kg	2.0	0.32	1
1,2,4-Trichlorobenzene	ND		ug/kg	2.0	0.27	1
1,3,5-Trimethylbenzene	ND		ug/kg	2.0	0.19	1
1,2,4-Trimethylbenzene	ND		ug/kg	2.0	0.34	1
1,4-Dioxane	ND		ug/kg	80	35.	1
p-Diethylbenzene	ND		ug/kg	2.0	0.18	1
p-Ethyltoluene	ND		ug/kg	2.0	0.38	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	2.0	0.19	1
Ethyl ether	ND		ug/kg	2.0	0.34	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	5.0	1.4	1

Tentatively Identified Compounds

Total TIC Compounds	60.3	J	ug/kg	1
Propene	5.77	NJ	ug/kg	1
Unknown	19.9	J	ug/kg	1
Santolina triene	18.5	NJ	ug/kg	1
Unknown	9.74	J	ug/kg	1
Unknown Alkene	3.94	J	ug/kg	1
Unknown	2.49	J	ug/kg	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	115		70-130
Toluene-d8	96		70-130
4-Bromofluorobenzene	87		70-130
Dibromofluoromethane	110		70-130

Project Name: SUN VALLEY
Project Number: 12060 / PHASE 8

Lab Number: L2353060
Report Date: 09/19/23

SAMPLE RESULTS

Lab ID: L2353060-10
Client ID: GRAB_C3(2-2.5)
Sample Location: OSSINING NY

Date Collected: 09/12/23 14:45
Date Received: 09/12/23
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 09/14/23 17:33
Analyst: LAC
Percent Solids: 92%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	4.7	2.2	1
1,1-Dichloroethane	ND		ug/kg	0.94	0.14	1
Chloroform	ND		ug/kg	1.4	0.13	1
Carbon tetrachloride	ND		ug/kg	0.94	0.22	1
1,2-Dichloropropane	ND		ug/kg	0.94	0.12	1
Dibromochloromethane	ND		ug/kg	0.94	0.13	1
1,1,2-Trichloroethane	ND		ug/kg	0.94	0.25	1
Tetrachloroethene	ND		ug/kg	0.47	0.18	1
Chlorobenzene	ND		ug/kg	0.47	0.12	1
Trichlorofluoromethane	ND		ug/kg	3.8	0.66	1
1,2-Dichloroethane	ND		ug/kg	0.94	0.24	1
1,1,1-Trichloroethane	ND		ug/kg	0.47	0.16	1
Bromodichloromethane	ND		ug/kg	0.47	0.10	1
trans-1,3-Dichloropropene	ND		ug/kg	0.94	0.26	1
cis-1,3-Dichloropropene	ND		ug/kg	0.47	0.15	1
1,3-Dichloropropene, Total	ND		ug/kg	0.47	0.15	1
1,1-Dichloropropene	ND		ug/kg	0.47	0.15	1
Bromoform	ND		ug/kg	3.8	0.23	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.47	0.16	1
Benzene	ND		ug/kg	0.47	0.16	1
Toluene	ND		ug/kg	0.94	0.51	1
Ethylbenzene	ND		ug/kg	0.94	0.13	1
Chloromethane	ND		ug/kg	3.8	0.88	1
Bromomethane	ND		ug/kg	1.9	0.55	1
Vinyl chloride	ND		ug/kg	0.94	0.32	1
Chloroethane	ND		ug/kg	1.9	0.43	1
1,1-Dichloroethene	ND		ug/kg	0.94	0.22	1
trans-1,2-Dichloroethene	ND		ug/kg	1.4	0.13	1

Project Name: SUN VALLEY
Project Number: 12060 / PHASE 8

Lab Number: L2353060
Report Date: 09/19/23

SAMPLE RESULTS

Lab ID: L2353060-10
Client ID: GRAB_C3(2-2.5)
Sample Location: OSSINING NY

Date Collected: 09/12/23 14:45
Date Received: 09/12/23
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Trichloroethene	ND		ug/kg	0.47	0.13	1
1,2-Dichlorobenzene	ND		ug/kg	1.9	0.14	1
1,3-Dichlorobenzene	ND		ug/kg	1.9	0.14	1
1,4-Dichlorobenzene	ND		ug/kg	1.9	0.16	1
Methyl tert butyl ether	ND		ug/kg	1.9	0.19	1
p/m-Xylene	ND		ug/kg	1.9	0.53	1
o-Xylene	ND		ug/kg	0.94	0.28	1
Xylenes, Total	ND		ug/kg	0.94	0.28	1
cis-1,2-Dichloroethene	ND		ug/kg	0.94	0.16	1
1,2-Dichloroethene, Total	ND		ug/kg	0.94	0.13	1
Dibromomethane	ND		ug/kg	1.9	0.22	1
Styrene	ND		ug/kg	0.94	0.18	1
Dichlorodifluoromethane	ND		ug/kg	9.4	0.86	1
Acetone	8.1	J	ug/kg	9.4	4.5	1
Carbon disulfide	ND		ug/kg	9.4	4.3	1
2-Butanone	ND		ug/kg	9.4	2.1	1
Vinyl acetate	ND		ug/kg	9.4	2.0	1
4-Methyl-2-pentanone	ND		ug/kg	9.4	1.2	1
1,2,3-Trichloropropane	ND		ug/kg	1.9	0.12	1
2-Hexanone	ND		ug/kg	9.4	1.1	1
Bromochloromethane	ND		ug/kg	1.9	0.19	1
2,2-Dichloropropane	ND		ug/kg	1.9	0.19	1
1,2-Dibromoethane	ND		ug/kg	0.94	0.26	1
1,3-Dichloropropane	ND		ug/kg	1.9	0.16	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.47	0.12	1
Bromobenzene	ND		ug/kg	1.9	0.14	1
n-Butylbenzene	ND		ug/kg	0.94	0.16	1
sec-Butylbenzene	ND		ug/kg	0.94	0.14	1
tert-Butylbenzene	ND		ug/kg	1.9	0.11	1
o-Chlorotoluene	ND		ug/kg	1.9	0.18	1
p-Chlorotoluene	ND		ug/kg	1.9	0.10	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	2.8	0.94	1
Hexachlorobutadiene	ND		ug/kg	3.8	0.16	1
Isopropylbenzene	ND		ug/kg	0.94	0.10	1
p-Isopropyltoluene	ND		ug/kg	0.94	0.10	1
Naphthalene	ND		ug/kg	3.8	0.61	1
Acrylonitrile	ND		ug/kg	3.8	1.1	1

Project Name: SUN VALLEY
Project Number: 12060 / PHASE 8

Lab Number: L2353060
Report Date: 09/19/23

SAMPLE RESULTS

Lab ID: L2353060-10
Client ID: GRAB_C3(2-2.5)
Sample Location: OSSINING NY

Date Collected: 09/12/23 14:45
Date Received: 09/12/23
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
n-Propylbenzene	ND		ug/kg	0.94	0.16	1
1,2,3-Trichlorobenzene	ND		ug/kg	1.9	0.30	1
1,2,4-Trichlorobenzene	ND		ug/kg	1.9	0.26	1
1,3,5-Trimethylbenzene	ND		ug/kg	1.9	0.18	1
1,2,4-Trimethylbenzene	ND		ug/kg	1.9	0.32	1
1,4-Dioxane	ND		ug/kg	76	33.	1
p-Diethylbenzene	ND		ug/kg	1.9	0.17	1
p-Ethyltoluene	ND		ug/kg	1.9	0.36	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	1.9	0.18	1
Ethyl ether	ND		ug/kg	1.9	0.32	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	4.7	1.3	1

Tentatively Identified Compounds

No Tentatively Identified Compounds ND ug/kg 1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	119		70-130
Toluene-d8	96		70-130
4-Bromofluorobenzene	85		70-130
Dibromofluoromethane	113		70-130

Project Name: SUN VALLEY
Project Number: 12060 / PHASE 8

Lab Number: L2353060
Report Date: 09/19/23

SAMPLE RESULTS

Lab ID: L2353060-12
Client ID: GRAB_B3(4.5-5)
Sample Location: OSSINING NY

Date Collected: 09/12/23 12:45
Date Received: 09/12/23
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 09/14/23 18:00
Analyst: LAC
Percent Solids: 90%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	4.7	2.2	1
1,1-Dichloroethane	ND		ug/kg	0.94	0.14	1
Chloroform	ND		ug/kg	1.4	0.13	1
Carbon tetrachloride	ND		ug/kg	0.94	0.22	1
1,2-Dichloropropane	ND		ug/kg	0.94	0.12	1
Dibromochloromethane	ND		ug/kg	0.94	0.13	1
1,1,2-Trichloroethane	ND		ug/kg	0.94	0.25	1
Tetrachloroethene	ND		ug/kg	0.47	0.18	1
Chlorobenzene	ND		ug/kg	0.47	0.12	1
Trichlorofluoromethane	ND		ug/kg	3.8	0.66	1
1,2-Dichloroethane	ND		ug/kg	0.94	0.24	1
1,1,1-Trichloroethane	ND		ug/kg	0.47	0.16	1
Bromodichloromethane	ND		ug/kg	0.47	0.10	1
trans-1,3-Dichloropropene	ND		ug/kg	0.94	0.26	1
cis-1,3-Dichloropropene	ND		ug/kg	0.47	0.15	1
1,3-Dichloropropene, Total	ND		ug/kg	0.47	0.15	1
1,1-Dichloropropene	ND		ug/kg	0.47	0.15	1
Bromoform	ND		ug/kg	3.8	0.23	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.47	0.16	1
Benzene	ND		ug/kg	0.47	0.16	1
Toluene	ND		ug/kg	0.94	0.51	1
Ethylbenzene	ND		ug/kg	0.94	0.13	1
Chloromethane	ND		ug/kg	3.8	0.88	1
Bromomethane	ND		ug/kg	1.9	0.55	1
Vinyl chloride	ND		ug/kg	0.94	0.32	1
Chloroethane	ND		ug/kg	1.9	0.43	1
1,1-Dichloroethene	ND		ug/kg	0.94	0.22	1
trans-1,2-Dichloroethene	ND		ug/kg	1.4	0.13	1

Project Name: SUN VALLEY
Project Number: 12060 / PHASE 8

Lab Number: L2353060
Report Date: 09/19/23

SAMPLE RESULTS

Lab ID: L2353060-12
Client ID: GRAB_B3(4.5-5)
Sample Location: OSSINING NY

Date Collected: 09/12/23 12:45
Date Received: 09/12/23
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Trichloroethene	ND		ug/kg	0.47	0.13	1
1,2-Dichlorobenzene	ND		ug/kg	1.9	0.14	1
1,3-Dichlorobenzene	ND		ug/kg	1.9	0.14	1
1,4-Dichlorobenzene	ND		ug/kg	1.9	0.16	1
Methyl tert butyl ether	ND		ug/kg	1.9	0.19	1
p/m-Xylene	ND		ug/kg	1.9	0.53	1
o-Xylene	ND		ug/kg	0.94	0.27	1
Xylenes, Total	ND		ug/kg	0.94	0.27	1
cis-1,2-Dichloroethene	ND		ug/kg	0.94	0.16	1
1,2-Dichloroethene, Total	ND		ug/kg	0.94	0.13	1
Dibromomethane	ND		ug/kg	1.9	0.22	1
Styrene	ND		ug/kg	0.94	0.18	1
Dichlorodifluoromethane	ND		ug/kg	9.4	0.86	1
Acetone	ND		ug/kg	9.4	4.5	1
Carbon disulfide	ND		ug/kg	9.4	4.3	1
2-Butanone	ND		ug/kg	9.4	2.1	1
Vinyl acetate	ND		ug/kg	9.4	2.0	1
4-Methyl-2-pentanone	ND		ug/kg	9.4	1.2	1
1,2,3-Trichloropropane	ND		ug/kg	1.9	0.12	1
2-Hexanone	ND		ug/kg	9.4	1.1	1
Bromochloromethane	ND		ug/kg	1.9	0.19	1
2,2-Dichloropropane	ND		ug/kg	1.9	0.19	1
1,2-Dibromoethane	ND		ug/kg	0.94	0.26	1
1,3-Dichloropropane	ND		ug/kg	1.9	0.16	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.47	0.12	1
Bromobenzene	ND		ug/kg	1.9	0.14	1
n-Butylbenzene	ND		ug/kg	0.94	0.16	1
sec-Butylbenzene	ND		ug/kg	0.94	0.14	1
tert-Butylbenzene	ND		ug/kg	1.9	0.11	1
o-Chlorotoluene	ND		ug/kg	1.9	0.18	1
p-Chlorotoluene	ND		ug/kg	1.9	0.10	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	2.8	0.94	1
Hexachlorobutadiene	ND		ug/kg	3.8	0.16	1
Isopropylbenzene	ND		ug/kg	0.94	0.10	1
p-Isopropyltoluene	ND		ug/kg	0.94	0.10	1
Naphthalene	ND		ug/kg	3.8	0.61	1
Acrylonitrile	ND		ug/kg	3.8	1.1	1

Project Name: SUN VALLEY
Project Number: 12060 / PHASE 8

Lab Number: L2353060
Report Date: 09/19/23

SAMPLE RESULTS

Lab ID: L2353060-12
Client ID: GRAB_B3(4.5-5)
Sample Location: OSSINING NY

Date Collected: 09/12/23 12:45
Date Received: 09/12/23
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
n-Propylbenzene	ND		ug/kg	0.94	0.16	1
1,2,3-Trichlorobenzene	ND		ug/kg	1.9	0.30	1
1,2,4-Trichlorobenzene	ND		ug/kg	1.9	0.26	1
1,3,5-Trimethylbenzene	ND		ug/kg	1.9	0.18	1
1,2,4-Trimethylbenzene	ND		ug/kg	1.9	0.32	1
1,4-Dioxane	ND		ug/kg	75	33.	1
p-Diethylbenzene	ND		ug/kg	1.9	0.17	1
p-Ethyltoluene	ND		ug/kg	1.9	0.36	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	1.9	0.18	1
Ethyl ether	ND		ug/kg	1.9	0.32	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	4.7	1.3	1

Tentatively Identified Compounds

No Tentatively Identified Compounds ND ug/kg 1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	120		70-130
Toluene-d8	96		70-130
4-Bromofluorobenzene	84		70-130
Dibromofluoromethane	116		70-130

Project Name: SUN VALLEY
Project Number: 12060 / PHASE 8

Lab Number: L2353060
Report Date: 09/19/23

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 09/14/23 15:22
Analyst: LAC

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 02,04,06,08,10,12 Batch: WG1827935-5					
Methylene chloride	ND		ug/kg	5.0	2.3
1,1-Dichloroethane	ND		ug/kg	1.0	0.14
Chloroform	ND		ug/kg	1.5	0.14
Carbon tetrachloride	ND		ug/kg	1.0	0.23
1,2-Dichloropropane	ND		ug/kg	1.0	0.12
Dibromochloromethane	ND		ug/kg	1.0	0.14
1,1,2-Trichloroethane	ND		ug/kg	1.0	0.27
Tetrachloroethene	ND		ug/kg	0.50	0.20
Chlorobenzene	ND		ug/kg	0.50	0.13
Trichlorofluoromethane	ND		ug/kg	4.0	0.70
1,2-Dichloroethane	ND		ug/kg	1.0	0.26
1,1,1-Trichloroethane	ND		ug/kg	0.50	0.17
Bromodichloromethane	ND		ug/kg	0.50	0.11
trans-1,3-Dichloropropene	ND		ug/kg	1.0	0.27
cis-1,3-Dichloropropene	ND		ug/kg	0.50	0.16
1,3-Dichloropropene, Total	ND		ug/kg	0.50	0.16
1,1-Dichloropropene	ND		ug/kg	0.50	0.16
Bromoform	ND		ug/kg	4.0	0.25
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.50	0.17
Benzene	ND		ug/kg	0.50	0.17
Toluene	ND		ug/kg	1.0	0.54
Ethylbenzene	ND		ug/kg	1.0	0.14
Chloromethane	ND		ug/kg	4.0	0.93
Bromomethane	0.90	J	ug/kg	2.0	0.58
Vinyl chloride	ND		ug/kg	1.0	0.34
Chloroethane	ND		ug/kg	2.0	0.45
1,1-Dichloroethene	ND		ug/kg	1.0	0.24
trans-1,2-Dichloroethene	ND		ug/kg	1.5	0.14
Trichloroethene	ND		ug/kg	0.50	0.14

Project Name: SUN VALLEY
Project Number: 12060 / PHASE 8

Lab Number: L2353060
Report Date: 09/19/23

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 09/14/23 15:22
Analyst: LAC

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 02,04,06,08,10,12 Batch: WG1827935-5					
1,2-Dichlorobenzene	ND		ug/kg	2.0	0.14
1,3-Dichlorobenzene	ND		ug/kg	2.0	0.15
1,4-Dichlorobenzene	ND		ug/kg	2.0	0.17
Methyl tert butyl ether	ND		ug/kg	2.0	0.20
p/m-Xylene	ND		ug/kg	2.0	0.56
o-Xylene	ND		ug/kg	1.0	0.29
Xylenes, Total	ND		ug/kg	1.0	0.29
cis-1,2-Dichloroethene	ND		ug/kg	1.0	0.18
1,2-Dichloroethene, Total	ND		ug/kg	1.0	0.14
Dibromomethane	ND		ug/kg	2.0	0.24
Styrene	ND		ug/kg	1.0	0.20
Dichlorodifluoromethane	ND		ug/kg	10	0.92
Acetone	7.5	J	ug/kg	10	4.8
Carbon disulfide	ND		ug/kg	10	4.6
2-Butanone	ND		ug/kg	10	2.2
Vinyl acetate	ND		ug/kg	10	2.2
4-Methyl-2-pentanone	ND		ug/kg	10	1.3
1,2,3-Trichloropropane	ND		ug/kg	2.0	0.13
2-Hexanone	ND		ug/kg	10	1.2
Bromochloromethane	ND		ug/kg	2.0	0.20
2,2-Dichloropropane	ND		ug/kg	2.0	0.20
1,2-Dibromoethane	ND		ug/kg	1.0	0.28
1,3-Dichloropropane	ND		ug/kg	2.0	0.17
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.50	0.13
Bromobenzene	ND		ug/kg	2.0	0.14
n-Butylbenzene	ND		ug/kg	1.0	0.17
sec-Butylbenzene	ND		ug/kg	1.0	0.15
tert-Butylbenzene	ND		ug/kg	2.0	0.12
o-Chlorotoluene	ND		ug/kg	2.0	0.19

Project Name: SUN VALLEY
Project Number: 12060 / PHASE 8

Lab Number: L2353060
Report Date: 09/19/23

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8260D
 Analytical Date: 09/14/23 15:22
 Analyst: LAC

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 02,04,06,08,10,12 Batch: WG1827935-5					
p-Chlorotoluene	ND		ug/kg	2.0	0.11
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.0	1.0
Hexachlorobutadiene	ND		ug/kg	4.0	0.17
Isopropylbenzene	ND		ug/kg	1.0	0.11
p-Isopropyltoluene	ND		ug/kg	1.0	0.11
Naphthalene	ND		ug/kg	4.0	0.65
Acrylonitrile	ND		ug/kg	4.0	1.2
n-Propylbenzene	ND		ug/kg	1.0	0.17
1,2,3-Trichlorobenzene	ND		ug/kg	2.0	0.32
1,2,4-Trichlorobenzene	ND		ug/kg	2.0	0.27
1,3,5-Trimethylbenzene	ND		ug/kg	2.0	0.19
1,2,4-Trimethylbenzene	ND		ug/kg	2.0	0.33
1,4-Dioxane	ND		ug/kg	80	35.
p-Diethylbenzene	ND		ug/kg	2.0	0.18
p-Ethyltoluene	ND		ug/kg	2.0	0.38
1,2,4,5-Tetramethylbenzene	ND		ug/kg	2.0	0.19
Ethyl ether	ND		ug/kg	2.0	0.34
trans-1,4-Dichloro-2-butene	ND		ug/kg	5.0	1.4

Tentatively Identified Compounds

No Tentatively Identified Compounds ND ug/kg

Project Name: SUN VALLEY
Project Number: 12060 / PHASE 8

Lab Number: L2353060
Report Date: 09/19/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
 Analytical Date: 09/14/23 15:22
 Analyst: LAC

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 02,04,06,08,10,12 Batch: WG1827935-5					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	112		70-130
Toluene-d8	98		70-130
4-Bromofluorobenzene	90		70-130
Dibromofluoromethane	108		70-130

Lab Control Sample Analysis

Batch Quality Control

Project Name: SUN VALLEY
Project Number: 12060 / PHASE 8

Lab Number: L2353060
Report Date: 09/19/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 02,04,06,08,10,12 Batch: WG1827935-3 WG1827935-4								
Methylene chloride	105		105		70-130	0		30
1,1-Dichloroethane	111		106		70-130	5		30
Chloroform	110		107		70-130	3		30
Carbon tetrachloride	111		93		70-130	18		30
1,2-Dichloropropane	114		114		70-130	0		30
Dibromochloromethane	113		115		70-130	2		30
1,1,2-Trichloroethane	106		108		70-130	2		30
Tetrachloroethene	109		96		70-130	13		30
Chlorobenzene	104		104		70-130	0		30
Trichlorofluoromethane	141	Q	109		70-139	26		30
1,2-Dichloroethane	112		114		70-130	2		30
1,1,1-Trichloroethane	114		100		70-130	13		30
Bromodichloromethane	114		115		70-130	1		30
trans-1,3-Dichloropropene	104		105		70-130	1		30
cis-1,3-Dichloropropene	114		115		70-130	1		30
1,1-Dichloropropene	111		96		70-130	14		30
Bromoform	111		113		70-130	2		30
1,1,2,2-Tetrachloroethane	92		94		70-130	2		30
Benzene	112		107		70-130	5		30
Toluene	99		96		70-130	3		30
Ethylbenzene	100		96		70-130	4		30
Chloromethane	122		116		52-130	5		30
Bromomethane	189	Q	177	Q	57-147	7		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: SUN VALLEY
Project Number: 12060 / PHASE 8

Lab Number: L2353060
Report Date: 09/19/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 02,04,06,08,10,12 Batch: WG1827935-3 WG1827935-4								
Vinyl chloride	130		109		67-130	18		30
Chloroethane	144		143		50-151	1		30
1,1-Dichloroethene	169	Q	138	Q	65-135	20		30
trans-1,2-Dichloroethene	108		102		70-130	6		30
Trichloroethene	120		113		70-130	6		30
1,2-Dichlorobenzene	103		105		70-130	2		30
1,3-Dichlorobenzene	101		102		70-130	1		30
1,4-Dichlorobenzene	98		102		70-130	4		30
Methyl tert butyl ether	100		100		66-130	0		30
p/m-Xylene	103		100		70-130	3		30
o-Xylene	103		102		70-130	1		30
cis-1,2-Dichloroethene	110		109		70-130	1		30
Dibromomethane	113		114		70-130	1		30
Styrene	104		107		70-130	3		30
Dichlorodifluoromethane	121		86		30-146	34	Q	30
Acetone	136		139		54-140	2		30
Carbon disulfide	150	Q	120		59-130	22		30
2-Butanone	132	Q	126		70-130	5		30
Vinyl acetate	101		103		70-130	2		30
4-Methyl-2-pentanone	101		101		70-130	0		30
1,2,3-Trichloropropane	98		100		68-130	2		30
2-Hexanone	109		107		70-130	2		30
Bromochloromethane	117		118		70-130	1		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: SUN VALLEY
Project Number: 12060 / PHASE 8

Lab Number: L2353060
Report Date: 09/19/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 02,04,06,08,10,12 Batch: WG1827935-3 WG1827935-4								
2,2-Dichloropropane	104		88		70-130	17		30
1,2-Dibromoethane	110		115		70-130	4		30
1,3-Dichloropropane	103		106		69-130	3		30
1,1,1,2-Tetrachloroethane	113		113		70-130	0		30
Bromobenzene	102		103		70-130	1		30
n-Butylbenzene	95		87		70-130	9		30
sec-Butylbenzene	98		88		70-130	11		30
tert-Butylbenzene	100		91		70-130	9		30
o-Chlorotoluene	94		92		70-130	2		30
p-Chlorotoluene	93		93		70-130	0		30
1,2-Dibromo-3-chloropropane	102		107		68-130	5		30
Hexachlorobutadiene	100		88		67-130	13		30
Isopropylbenzene	99		91		70-130	8		30
p-Isopropyltoluene	100		92		70-130	8		30
Naphthalene	102		106		70-130	4		30
Acrylonitrile	120		120		70-130	0		30
n-Propylbenzene	97		90		70-130	7		30
1,2,3-Trichlorobenzene	101		106		70-130	5		30
1,2,4-Trichlorobenzene	97		103		70-130	6		30
1,3,5-Trimethylbenzene	95		91		70-130	4		30
1,2,4-Trimethylbenzene	94		93		70-130	1		30
1,4-Dioxane	90		90		65-136	0		30
p-Diethylbenzene	98		93		70-130	5		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: SUN VALLEY
Project Number: 12060 / PHASE 8

Lab Number: L2353060
Report Date: 09/19/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 02,04,06,08,10,12 Batch: WG1827935-3 WG1827935-4								
p-Ethyltoluene	98		94		70-130	4		30
1,2,4,5-Tetramethylbenzene	100		101		70-130	1		30
Ethyl ether	140	Q	144	Q	67-130	3		30
trans-1,4-Dichloro-2-butene	99		100		70-130	1		30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	105		105		70-130
Toluene-d8	98		97		70-130
4-Bromofluorobenzene	87		87		70-130
Dibromofluoromethane	104		102		70-130

SEMIVOLATILES

Project Name: SUN VALLEY
Project Number: 12060 / PHASE 8

Lab Number: L2353060
Report Date: 09/19/23

SAMPLE RESULTS

Lab ID: L2353060-01
Client ID: COMP_A3(0-7)
Sample Location: OSSINING NY

Date Collected: 09/12/23 11:15
Date Received: 09/12/23
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 09/14/23 18:38
Analyst: IM
Percent Solids: 92%

Extraction Method: EPA 3546
Extraction Date: 09/13/23 17:31

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	140	18.	1
1,2,4-Trichlorobenzene	ND		ug/kg	180	20.	1
Hexachlorobenzene	ND		ug/kg	100	20.	1
Bis(2-chloroethyl)ether	ND		ug/kg	160	24.	1
2-Chloronaphthalene	ND		ug/kg	180	18.	1
1,2-Dichlorobenzene	ND		ug/kg	180	32.	1
1,3-Dichlorobenzene	ND		ug/kg	180	30.	1
1,4-Dichlorobenzene	ND		ug/kg	180	31.	1
3,3'-Dichlorobenzidine	ND		ug/kg	180	47.	1
2,4-Dinitrotoluene	ND		ug/kg	180	35.	1
2,6-Dinitrotoluene	ND		ug/kg	180	30.	1
Fluoranthene	ND		ug/kg	100	20.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	180	19.	1
4-Bromophenyl phenyl ether	ND		ug/kg	180	27.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	210	30.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	190	18.	1
Hexachlorobutadiene	ND		ug/kg	180	26.	1
Hexachlorocyclopentadiene	ND		ug/kg	500	160	1
Hexachloroethane	ND		ug/kg	140	28.	1
Isophorone	ND		ug/kg	160	23.	1
Naphthalene	ND		ug/kg	180	21.	1
Nitrobenzene	ND		ug/kg	160	26.	1
NDPA/DPA	ND		ug/kg	140	20.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	180	27.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	180	61.	1
Butyl benzyl phthalate	ND		ug/kg	180	44.	1
Di-n-butylphthalate	ND		ug/kg	180	33.	1
Di-n-octylphthalate	ND		ug/kg	180	60.	1

Project Name: SUN VALLEY
Project Number: 12060 / PHASE 8

Lab Number: L2353060
Report Date: 09/19/23

SAMPLE RESULTS

Lab ID: L2353060-01
Client ID: COMP_A3(0-7)
Sample Location: OSSINING NY

Date Collected: 09/12/23 11:15
Date Received: 09/12/23
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Diethyl phthalate	ND		ug/kg	180	16.	1
Dimethyl phthalate	ND		ug/kg	180	37.	1
Benzo(a)anthracene	ND		ug/kg	100	20.	1
Benzo(a)pyrene	ND		ug/kg	140	43.	1
Benzo(b)fluoranthene	ND		ug/kg	100	30.	1
Benzo(k)fluoranthene	ND		ug/kg	100	28.	1
Chrysene	ND		ug/kg	100	18.	1
Acenaphthylene	ND		ug/kg	140	27.	1
Anthracene	ND		ug/kg	100	34.	1
Benzo(ghi)perylene	ND		ug/kg	140	21.	1
Fluorene	ND		ug/kg	180	17.	1
Phenanthrene	ND		ug/kg	100	21.	1
Dibenzo(a,h)anthracene	ND		ug/kg	100	20.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	140	25.	1
Pyrene	ND		ug/kg	100	18.	1
Biphenyl	ND		ug/kg	400	23.	1
4-Chloroaniline	ND		ug/kg	180	32.	1
2-Nitroaniline	ND		ug/kg	180	34.	1
3-Nitroaniline	ND		ug/kg	180	33.	1
4-Nitroaniline	ND		ug/kg	180	73.	1
Dibenzofuran	ND		ug/kg	180	17.	1
2-Methylnaphthalene	ND		ug/kg	210	21.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	180	18.	1
Acetophenone	ND		ug/kg	180	22.	1
2,4,6-Trichlorophenol	ND		ug/kg	100	33.	1
p-Chloro-m-cresol	ND		ug/kg	180	26.	1
2-Chlorophenol	ND		ug/kg	180	21.	1
2,4-Dichlorophenol	ND		ug/kg	160	28.	1
2,4-Dimethylphenol	ND		ug/kg	180	58.	1
2-Nitrophenol	ND		ug/kg	380	66.	1
4-Nitrophenol	ND		ug/kg	250	72.	1
2,4-Dinitrophenol	ND		ug/kg	850	82.	1
4,6-Dinitro-o-cresol	ND		ug/kg	460	85.	1
Pentachlorophenol	ND		ug/kg	140	39.	1
Phenol	ND		ug/kg	180	27.	1
2-Methylphenol	ND		ug/kg	180	27.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	250	28.	1

Project Name: SUN VALLEY
Project Number: 12060 / PHASE 8

Lab Number: L2353060
Report Date: 09/19/23

SAMPLE RESULTS

Lab ID: L2353060-01
Client ID: COMP_A3(0-7)
Sample Location: OSSINING NY

Date Collected: 09/12/23 11:15
Date Received: 09/12/23
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	180	34.	1
Benzoic Acid	ND		ug/kg	570	180	1
Benzyl Alcohol	ND		ug/kg	180	54.	1
Carbazole	ND		ug/kg	180	17.	1
1,4-Dioxane	ND		ug/kg	26	8.1	1

Tentatively Identified Compounds

Total TIC Compounds	552	J	ug/kg	1
Unknown	335	J	ug/kg	1
Unknown Organic Acid	217	J	ug/kg	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	69		25-120
Phenol-d6	67		10-120
Nitrobenzene-d5	62		23-120
2-Fluorobiphenyl	62		30-120
2,4,6-Tribromophenol	82		10-136
4-Terphenyl-d14	61		18-120

Project Name: SUN VALLEY
Project Number: 12060 / PHASE 8

Lab Number: L2353060
Report Date: 09/19/23

SAMPLE RESULTS

Lab ID: L2353060-03
Client ID: COMP_A3(7-14)
Sample Location: OSSINING NY

Date Collected: 09/12/23 11:30
Date Received: 09/12/23
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 09/14/23 19:02
Analyst: IM
Percent Solids: 95%

Extraction Method: EPA 3546
Extraction Date: 09/13/23 17:31

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	140	18.	1
1,2,4-Trichlorobenzene	ND		ug/kg	170	20.	1
Hexachlorobenzene	ND		ug/kg	100	20.	1
Bis(2-chloroethyl)ether	ND		ug/kg	160	24.	1
2-Chloronaphthalene	ND		ug/kg	170	17.	1
1,2-Dichlorobenzene	ND		ug/kg	170	31.	1
1,3-Dichlorobenzene	ND		ug/kg	170	30.	1
1,4-Dichlorobenzene	ND		ug/kg	170	30.	1
3,3'-Dichlorobenzidine	ND		ug/kg	170	46.	1
2,4-Dinitrotoluene	ND		ug/kg	170	35.	1
2,6-Dinitrotoluene	ND		ug/kg	170	30.	1
Fluoranthene	ND		ug/kg	100	20.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	170	19.	1
4-Bromophenyl phenyl ether	ND		ug/kg	170	27.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	210	30.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	190	18.	1
Hexachlorobutadiene	ND		ug/kg	170	26.	1
Hexachlorocyclopentadiene	ND		ug/kg	500	160	1
Hexachloroethane	ND		ug/kg	140	28.	1
Isophorone	ND		ug/kg	160	23.	1
Naphthalene	ND		ug/kg	170	21.	1
Nitrobenzene	ND		ug/kg	160	26.	1
NDPA/DPA	ND		ug/kg	140	20.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	170	27.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	170	60.	1
Butyl benzyl phthalate	ND		ug/kg	170	44.	1
Di-n-butylphthalate	ND		ug/kg	170	33.	1
Di-n-octylphthalate	ND		ug/kg	170	59.	1

Project Name: SUN VALLEY
Project Number: 12060 / PHASE 8

Lab Number: L2353060
Report Date: 09/19/23

SAMPLE RESULTS

Lab ID: L2353060-03
Client ID: COMP_A3(7-14)
Sample Location: OSSINING NY

Date Collected: 09/12/23 11:30
Date Received: 09/12/23
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Diethyl phthalate	ND		ug/kg	170	16.	1
Dimethyl phthalate	ND		ug/kg	170	37.	1
Benzo(a)anthracene	ND		ug/kg	100	20.	1
Benzo(a)pyrene	ND		ug/kg	140	43.	1
Benzo(b)fluoranthene	ND		ug/kg	100	29.	1
Benzo(k)fluoranthene	ND		ug/kg	100	28.	1
Chrysene	ND		ug/kg	100	18.	1
Acenaphthylene	ND		ug/kg	140	27.	1
Anthracene	ND		ug/kg	100	34.	1
Benzo(ghi)perylene	ND		ug/kg	140	20.	1
Fluorene	ND		ug/kg	170	17.	1
Phenanthrene	ND		ug/kg	100	21.	1
Dibenzo(a,h)anthracene	ND		ug/kg	100	20.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	140	24.	1
Pyrene	ND		ug/kg	100	17.	1
Biphenyl	ND		ug/kg	400	23.	1
4-Chloroaniline	ND		ug/kg	170	32.	1
2-Nitroaniline	ND		ug/kg	170	34.	1
3-Nitroaniline	ND		ug/kg	170	33.	1
4-Nitroaniline	ND		ug/kg	170	72.	1
Dibenzofuran	ND		ug/kg	170	16.	1
2-Methylnaphthalene	ND		ug/kg	210	21.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	170	18.	1
Acetophenone	ND		ug/kg	170	22.	1
2,4,6-Trichlorophenol	ND		ug/kg	100	33.	1
p-Chloro-m-cresol	ND		ug/kg	170	26.	1
2-Chlorophenol	ND		ug/kg	170	21.	1
2,4-Dichlorophenol	ND		ug/kg	160	28.	1
2,4-Dimethylphenol	ND		ug/kg	170	58.	1
2-Nitrophenol	ND		ug/kg	380	66.	1
4-Nitrophenol	ND		ug/kg	240	71.	1
2,4-Dinitrophenol	ND		ug/kg	840	81.	1
4,6-Dinitro-o-cresol	ND		ug/kg	450	84.	1
Pentachlorophenol	ND		ug/kg	140	38.	1
Phenol	ND		ug/kg	170	26.	1
2-Methylphenol	ND		ug/kg	170	27.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	250	27.	1

Project Name: SUN VALLEY
Project Number: 12060 / PHASE 8

Lab Number: L2353060
Report Date: 09/19/23

SAMPLE RESULTS

Lab ID: L2353060-03
Client ID: COMP_A3(7-14)
Sample Location: OSSINING NY

Date Collected: 09/12/23 11:30
Date Received: 09/12/23
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	170	33.	1
Benzoic Acid	ND		ug/kg	570	180	1
Benzyl Alcohol	ND		ug/kg	170	53.	1
Carbazole	ND		ug/kg	170	17.	1
1,4-Dioxane	ND		ug/kg	26	8.0	1

Tentatively Identified Compounds

Total TIC Compounds	4910	J	ug/kg			1
Unknown	220	J	ug/kg			1
Unknown	215	J	ug/kg			1
Unknown Organic Acid	148	J	ug/kg			1
Unknown	237	J	ug/kg			1
Unknown	1860	J	ug/kg			1
Unknown Organic Acid	184	J	ug/kg			1
Unknown Organic Acid	228	J	ug/kg			1
Unknown	1010	J	ug/kg			1
Unknown	409	J	ug/kg			1
Unknown	400	J	ug/kg			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	74		25-120
Phenol-d6	71		10-120
Nitrobenzene-d5	64		23-120
2-Fluorobiphenyl	60		30-120
2,4,6-Tribromophenol	80		10-136
4-Terphenyl-d14	44		18-120

Project Name: SUN VALLEY
Project Number: 12060 / PHASE 8

Lab Number: L2353060
Report Date: 09/19/23

SAMPLE RESULTS

Lab ID: L2353060-05
Client ID: COMP_A3(14-25)
Sample Location: OSSINING NY

Date Collected: 09/12/23 11:45
Date Received: 09/12/23
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 09/14/23 19:25
Analyst: IM
Percent Solids: 78%

Extraction Method: EPA 3546
Extraction Date: 09/13/23 17:31

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	170	22.	1
1,2,4-Trichlorobenzene	ND		ug/kg	210	24.	1
Hexachlorobenzene	ND		ug/kg	130	24.	1
Bis(2-chloroethyl)ether	ND		ug/kg	190	28.	1
2-Chloronaphthalene	ND		ug/kg	210	21.	1
1,2-Dichlorobenzene	ND		ug/kg	210	38.	1
1,3-Dichlorobenzene	ND		ug/kg	210	36.	1
1,4-Dichlorobenzene	ND		ug/kg	210	37.	1
3,3'-Dichlorobenzidine	ND		ug/kg	210	56.	1
2,4-Dinitrotoluene	ND		ug/kg	210	42.	1
2,6-Dinitrotoluene	ND		ug/kg	210	36.	1
Fluoranthene	ND		ug/kg	130	24.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	210	22.	1
4-Bromophenyl phenyl ether	ND		ug/kg	210	32.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	250	36.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	230	21.	1
Hexachlorobutadiene	ND		ug/kg	210	31.	1
Hexachlorocyclopentadiene	ND		ug/kg	600	190	1
Hexachloroethane	ND		ug/kg	170	34.	1
Isophorone	ND		ug/kg	190	27.	1
Naphthalene	ND		ug/kg	210	26.	1
Nitrobenzene	ND		ug/kg	190	31.	1
NDPA/DPA	ND		ug/kg	170	24.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	210	32.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	210	73.	1
Butyl benzyl phthalate	ND		ug/kg	210	53.	1
Di-n-butylphthalate	ND		ug/kg	210	40.	1
Di-n-octylphthalate	ND		ug/kg	210	72.	1

Project Name: SUN VALLEY
Project Number: 12060 / PHASE 8

Lab Number: L2353060
Report Date: 09/19/23

SAMPLE RESULTS

Lab ID: L2353060-05
Client ID: COMP_A3(14-25)
Sample Location: OSSINING NY

Date Collected: 09/12/23 11:45
Date Received: 09/12/23
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Diethyl phthalate	ND		ug/kg	210	20.	1
Dimethyl phthalate	ND		ug/kg	210	44.	1
Benzo(a)anthracene	ND		ug/kg	130	24.	1
Benzo(a)pyrene	ND		ug/kg	170	51.	1
Benzo(b)fluoranthene	ND		ug/kg	130	35.	1
Benzo(k)fluoranthene	ND		ug/kg	130	34.	1
Chrysene	ND		ug/kg	130	22.	1
Acenaphthylene	ND		ug/kg	170	32.	1
Anthracene	ND		ug/kg	130	41.	1
Benzo(ghi)perylene	ND		ug/kg	170	25.	1
Fluorene	ND		ug/kg	210	20.	1
Phenanthrene	ND		ug/kg	130	26.	1
Dibenzo(a,h)anthracene	ND		ug/kg	130	24.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	170	29.	1
Pyrene	ND		ug/kg	130	21.	1
Biphenyl	ND		ug/kg	480	27.	1
4-Chloroaniline	ND		ug/kg	210	38.	1
2-Nitroaniline	ND		ug/kg	210	41.	1
3-Nitroaniline	ND		ug/kg	210	40.	1
4-Nitroaniline	ND		ug/kg	210	87.	1
Dibenzofuran	ND		ug/kg	210	20.	1
2-Methylnaphthalene	ND		ug/kg	250	25.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	210	22.	1
Acetophenone	ND		ug/kg	210	26.	1
2,4,6-Trichlorophenol	ND		ug/kg	130	40.	1
p-Chloro-m-cresol	ND		ug/kg	210	31.	1
2-Chlorophenol	ND		ug/kg	210	25.	1
2,4-Dichlorophenol	ND		ug/kg	190	34.	1
2,4-Dimethylphenol	ND		ug/kg	210	70.	1
2-Nitrophenol	ND		ug/kg	460	79.	1
4-Nitrophenol	ND		ug/kg	300	86.	1
2,4-Dinitrophenol	ND		ug/kg	1000	98.	1
4,6-Dinitro-o-cresol	ND		ug/kg	550	100	1
Pentachlorophenol	ND		ug/kg	170	46.	1
Phenol	ND		ug/kg	210	32.	1
2-Methylphenol	ND		ug/kg	210	33.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	300	33.	1

Project Name: SUN VALLEY
Project Number: 12060 / PHASE 8

Lab Number: L2353060
Report Date: 09/19/23

SAMPLE RESULTS

Lab ID: L2353060-05
Client ID: COMP_A3(14-25)
Sample Location: OSSINING NY

Date Collected: 09/12/23 11:45
Date Received: 09/12/23
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	210	40.	1
Benzoic Acid	ND		ug/kg	680	210	1
Benzyl Alcohol	ND		ug/kg	210	64.	1
Carbazole	ND		ug/kg	210	20.	1
1,4-Dioxane	ND		ug/kg	32	9.7	1

Tentatively Identified Compounds

No Tentatively Identified Compounds	ND	ug/kg	1
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Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	85		25-120
Phenol-d6	83		10-120
Nitrobenzene-d5	77		23-120
2-Fluorobiphenyl	75		30-120
2,4,6-Tribromophenol	92		10-136
4-Terphenyl-d14	60		18-120

Project Name: SUN VALLEY
Project Number: 12060 / PHASE 8

Lab Number: L2353060
Report Date: 09/19/23

SAMPLE RESULTS

Lab ID: L2353060-07
Client ID: COMP_B3(0-7)
Sample Location: OSSINING NY

Date Collected: 09/12/23 12:45
Date Received: 09/12/23
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 09/14/23 19:48
Analyst: IM
Percent Solids: 93%

Extraction Method: EPA 3546
Extraction Date: 09/13/23 17:31

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	140	18.	1
1,2,4-Trichlorobenzene	ND		ug/kg	170	20.	1
Hexachlorobenzene	ND		ug/kg	100	19.	1
Bis(2-chloroethyl)ether	ND		ug/kg	160	24.	1
2-Chloronaphthalene	ND		ug/kg	170	17.	1
1,2-Dichlorobenzene	ND		ug/kg	170	31.	1
1,3-Dichlorobenzene	ND		ug/kg	170	30.	1
1,4-Dichlorobenzene	ND		ug/kg	170	30.	1
3,3'-Dichlorobenzidine	ND		ug/kg	170	46.	1
2,4-Dinitrotoluene	ND		ug/kg	170	35.	1
2,6-Dinitrotoluene	ND		ug/kg	170	30.	1
Fluoranthene	ND		ug/kg	100	20.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	170	18.	1
4-Bromophenyl phenyl ether	ND		ug/kg	170	26.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	210	30.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	190	17.	1
Hexachlorobutadiene	ND		ug/kg	170	25.	1
Hexachlorocyclopentadiene	ND		ug/kg	500	160	1
Hexachloroethane	ND		ug/kg	140	28.	1
Isophorone	ND		ug/kg	160	22.	1
Naphthalene	ND		ug/kg	170	21.	1
Nitrobenzene	ND		ug/kg	160	26.	1
NDPA/DPA	ND		ug/kg	140	20.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	170	27.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	170	60.	1
Butyl benzyl phthalate	ND		ug/kg	170	44.	1
Di-n-butylphthalate	ND		ug/kg	170	33.	1
Di-n-octylphthalate	ND		ug/kg	170	59.	1

Project Name: SUN VALLEY
Project Number: 12060 / PHASE 8

Lab Number: L2353060
Report Date: 09/19/23

SAMPLE RESULTS

Lab ID: L2353060-07
Client ID: COMP_B3(0-7)
Sample Location: OSSINING NY

Date Collected: 09/12/23 12:45
Date Received: 09/12/23
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Diethyl phthalate	ND		ug/kg	170	16.	1
Dimethyl phthalate	ND		ug/kg	170	36.	1
Benzo(a)anthracene	ND		ug/kg	100	20.	1
Benzo(a)pyrene	ND		ug/kg	140	42.	1
Benzo(b)fluoranthene	ND		ug/kg	100	29.	1
Benzo(k)fluoranthene	ND		ug/kg	100	28.	1
Chrysene	ND		ug/kg	100	18.	1
Acenaphthylene	ND		ug/kg	140	27.	1
Anthracene	ND		ug/kg	100	34.	1
Benzo(ghi)perylene	ND		ug/kg	140	20.	1
Fluorene	ND		ug/kg	170	17.	1
Phenanthrene	ND		ug/kg	100	21.	1
Dibenzo(a,h)anthracene	ND		ug/kg	100	20.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	140	24.	1
Pyrene	ND		ug/kg	100	17.	1
Biphenyl	ND		ug/kg	400	22.	1
4-Chloroaniline	ND		ug/kg	170	32.	1
2-Nitroaniline	ND		ug/kg	170	33.	1
3-Nitroaniline	ND		ug/kg	170	33.	1
4-Nitroaniline	ND		ug/kg	170	72.	1
Dibenzofuran	ND		ug/kg	170	16.	1
2-Methylnaphthalene	ND		ug/kg	210	21.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	170	18.	1
Acetophenone	ND		ug/kg	170	21.	1
2,4,6-Trichlorophenol	ND		ug/kg	100	33.	1
p-Chloro-m-cresol	ND		ug/kg	170	26.	1
2-Chlorophenol	ND		ug/kg	170	20.	1
2,4-Dichlorophenol	ND		ug/kg	160	28.	1
2,4-Dimethylphenol	ND		ug/kg	170	57.	1
2-Nitrophenol	ND		ug/kg	380	65.	1
4-Nitrophenol	ND		ug/kg	240	71.	1
2,4-Dinitrophenol	ND		ug/kg	830	81.	1
4,6-Dinitro-o-cresol	ND		ug/kg	450	83.	1
Pentachlorophenol	ND		ug/kg	140	38.	1
Phenol	ND		ug/kg	170	26.	1
2-Methylphenol	ND		ug/kg	170	27.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	250	27.	1

Project Name: SUN VALLEY
Project Number: 12060 / PHASE 8

Lab Number: L2353060
Report Date: 09/19/23

SAMPLE RESULTS

Lab ID: L2353060-07
Client ID: COMP_B3(0-7)
Sample Location: OSSINING NY

Date Collected: 09/12/23 12:45
Date Received: 09/12/23
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	170	33.	1
Benzoic Acid	ND		ug/kg	560	180	1
Benzyl Alcohol	ND		ug/kg	170	53.	1
Carbazole	ND		ug/kg	170	17.	1
1,4-Dioxane	ND		ug/kg	26	8.0	1

Tentatively Identified Compounds

Total TIC Compounds	1200	J	ug/kg	1
Unknown	342	J	ug/kg	1
Unknown	145	J	ug/kg	1
Unknown	530	J	ug/kg	1
Unknown	185	J	ug/kg	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	85		25-120
Phenol-d6	85		10-120
Nitrobenzene-d5	78		23-120
2-Fluorobiphenyl	75		30-120
2,4,6-Tribromophenol	103		10-136
4-Terphenyl-d14	65		18-120

Project Name: SUN VALLEY
Project Number: 12060 / PHASE 8

Lab Number: L2353060
Report Date: 09/19/23

SAMPLE RESULTS

Lab ID: L2353060-09
Client ID: COMP_C3(0-9)
Sample Location: OSSINING NY

Date Collected: 09/12/23 14:45
Date Received: 09/12/23
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 09/14/23 20:12
Analyst: IM
Percent Solids: 92%

Extraction Method: EPA 3546
Extraction Date: 09/13/23 17:31

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	140	18.	1
1,2,4-Trichlorobenzene	ND		ug/kg	180	20.	1
Hexachlorobenzene	ND		ug/kg	100	20.	1
Bis(2-chloroethyl)ether	ND		ug/kg	160	24.	1
2-Chloronaphthalene	ND		ug/kg	180	17.	1
1,2-Dichlorobenzene	ND		ug/kg	180	32.	1
1,3-Dichlorobenzene	ND		ug/kg	180	30.	1
1,4-Dichlorobenzene	ND		ug/kg	180	31.	1
3,3'-Dichlorobenzidine	ND		ug/kg	180	47.	1
2,4-Dinitrotoluene	ND		ug/kg	180	35.	1
2,6-Dinitrotoluene	ND		ug/kg	180	30.	1
Fluoranthene	160		ug/kg	100	20.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	180	19.	1
4-Bromophenyl phenyl ether	ND		ug/kg	180	27.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	210	30.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	190	18.	1
Hexachlorobutadiene	ND		ug/kg	180	26.	1
Hexachlorocyclopentadiene	ND		ug/kg	500	160	1
Hexachloroethane	ND		ug/kg	140	28.	1
Isophorone	ND		ug/kg	160	23.	1
Naphthalene	ND		ug/kg	180	21.	1
Nitrobenzene	ND		ug/kg	160	26.	1
NDPA/DPA	ND		ug/kg	140	20.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	180	27.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	180	61.	1
Butyl benzyl phthalate	ND		ug/kg	180	44.	1
Di-n-butylphthalate	ND		ug/kg	180	33.	1
Di-n-octylphthalate	ND		ug/kg	180	60.	1

Project Name: SUN VALLEY
Project Number: 12060 / PHASE 8

Lab Number: L2353060
Report Date: 09/19/23

SAMPLE RESULTS

Lab ID: L2353060-09
Client ID: COMP_C3(0-9)
Sample Location: OSSINING NY

Date Collected: 09/12/23 14:45
Date Received: 09/12/23
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Diethyl phthalate	ND		ug/kg	180	16.	1
Dimethyl phthalate	ND		ug/kg	180	37.	1
Benzo(a)anthracene	78	J	ug/kg	100	20.	1
Benzo(a)pyrene	81	J	ug/kg	140	43.	1
Benzo(b)fluoranthene	97	J	ug/kg	100	30.	1
Benzo(k)fluoranthene	35	J	ug/kg	100	28.	1
Chrysene	75	J	ug/kg	100	18.	1
Acenaphthylene	ND		ug/kg	140	27.	1
Anthracene	ND		ug/kg	100	34.	1
Benzo(ghi)perylene	42	J	ug/kg	140	21.	1
Fluorene	ND		ug/kg	180	17.	1
Phenanthrene	94	J	ug/kg	100	21.	1
Dibenzo(a,h)anthracene	ND		ug/kg	100	20.	1
Indeno(1,2,3-cd)pyrene	48	J	ug/kg	140	24.	1
Pyrene	130		ug/kg	100	18.	1
Biphenyl	ND		ug/kg	400	23.	1
4-Chloroaniline	ND		ug/kg	180	32.	1
2-Nitroaniline	ND		ug/kg	180	34.	1
3-Nitroaniline	ND		ug/kg	180	33.	1
4-Nitroaniline	ND		ug/kg	180	73.	1
Dibenzofuran	ND		ug/kg	180	17.	1
2-Methylnaphthalene	ND		ug/kg	210	21.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	180	18.	1
Acetophenone	ND		ug/kg	180	22.	1
2,4,6-Trichlorophenol	ND		ug/kg	100	33.	1
p-Chloro-m-cresol	ND		ug/kg	180	26.	1
2-Chlorophenol	ND		ug/kg	180	21.	1
2,4-Dichlorophenol	ND		ug/kg	160	28.	1
2,4-Dimethylphenol	ND		ug/kg	180	58.	1
2-Nitrophenol	ND		ug/kg	380	66.	1
4-Nitrophenol	ND		ug/kg	250	72.	1
2,4-Dinitrophenol	ND		ug/kg	840	82.	1
4,6-Dinitro-o-cresol	ND		ug/kg	460	84.	1
Pentachlorophenol	ND		ug/kg	140	39.	1
Phenol	ND		ug/kg	180	26.	1
2-Methylphenol	ND		ug/kg	180	27.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	250	28.	1

Project Name: SUN VALLEY
Project Number: 12060 / PHASE 8

Lab Number: L2353060
Report Date: 09/19/23

SAMPLE RESULTS

Lab ID: L2353060-09
Client ID: COMP_C3(0-9)
Sample Location: OSSINING NY

Date Collected: 09/12/23 14:45
Date Received: 09/12/23
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	180	34.	1
Benzoic Acid	ND		ug/kg	570	180	1
Benzyl Alcohol	ND		ug/kg	180	54.	1
Carbazole	ND		ug/kg	180	17.	1
1,4-Dioxane	ND		ug/kg	26	8.1	1

Tentatively Identified Compounds

Total TIC Compounds	151	J	ug/kg			1
Unknown Organic Acid	151	J	ug/kg			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	93		25-120
Phenol-d6	91		10-120
Nitrobenzene-d5	84		23-120
2-Fluorobiphenyl	82		30-120
2,4,6-Tribromophenol	106		10-136
4-Terphenyl-d14	70		18-120

Project Name: SUN VALLEY
Project Number: 12060 / PHASE 8

Lab Number: L2353060
Report Date: 09/19/23

SAMPLE RESULTS

Lab ID: L2353060-11
Client ID: COMP_B3(7-15)
Sample Location: OSSINING NY

Date Collected: 09/12/23 13:15
Date Received: 09/12/23
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 09/14/23 19:37
Analyst: CMM
Percent Solids: 90%

Extraction Method: EPA 3546
Extraction Date: 09/13/23 17:31

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	150	19.	1
1,2,4-Trichlorobenzene	ND		ug/kg	190	21.	1
Hexachlorobenzene	ND		ug/kg	110	21.	1
Bis(2-chloroethyl)ether	ND		ug/kg	170	25.	1
2-Chloronaphthalene	ND		ug/kg	190	18.	1
1,2-Dichlorobenzene	ND		ug/kg	190	33.	1
1,3-Dichlorobenzene	ND		ug/kg	190	32.	1
1,4-Dichlorobenzene	ND		ug/kg	190	32.	1
3,3'-Dichlorobenzidine	ND		ug/kg	190	50.	1
2,4-Dinitrotoluene	ND		ug/kg	190	37.	1
2,6-Dinitrotoluene	ND		ug/kg	190	32.	1
Fluoranthene	ND		ug/kg	110	21.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	190	20.	1
4-Bromophenyl phenyl ether	ND		ug/kg	190	28.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	220	32.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	200	19.	1
Hexachlorobutadiene	ND		ug/kg	190	27.	1
Hexachlorocyclopentadiene	ND		ug/kg	530	170	1
Hexachloroethane	ND		ug/kg	150	30.	1
Isophorone	ND		ug/kg	170	24.	1
Naphthalene	ND		ug/kg	190	23.	1
Nitrobenzene	ND		ug/kg	170	28.	1
NDPA/DPA	ND		ug/kg	150	21.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	190	29.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	190	64.	1
Butyl benzyl phthalate	ND		ug/kg	190	47.	1
Di-n-butylphthalate	ND		ug/kg	190	35.	1
Di-n-octylphthalate	ND		ug/kg	190	63.	1

Project Name: SUN VALLEY
Project Number: 12060 / PHASE 8

Lab Number: L2353060
Report Date: 09/19/23

SAMPLE RESULTS

Lab ID: L2353060-11
Client ID: COMP_B3(7-15)
Sample Location: OSSINING NY

Date Collected: 09/12/23 13:15
Date Received: 09/12/23
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Diethyl phthalate	ND		ug/kg	190	17.	1
Dimethyl phthalate	ND		ug/kg	190	39.	1
Benzo(a)anthracene	ND		ug/kg	110	21.	1
Benzo(a)pyrene	ND		ug/kg	150	45.	1
Benzo(b)fluoranthene	ND		ug/kg	110	31.	1
Benzo(k)fluoranthene	ND		ug/kg	110	30.	1
Chrysene	ND		ug/kg	110	19.	1
Acenaphthylene	ND		ug/kg	150	29.	1
Anthracene	ND		ug/kg	110	36.	1
Benzo(ghi)perylene	ND		ug/kg	150	22.	1
Fluorene	ND		ug/kg	190	18.	1
Phenanthrene	ND		ug/kg	110	23.	1
Dibenzo(a,h)anthracene	ND		ug/kg	110	22.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	150	26.	1
Pyrene	ND		ug/kg	110	18.	1
Biphenyl	ND		ug/kg	420	24.	1
4-Chloroaniline	ND		ug/kg	190	34.	1
2-Nitroaniline	ND		ug/kg	190	36.	1
3-Nitroaniline	ND		ug/kg	190	35.	1
4-Nitroaniline	ND		ug/kg	190	77.	1
Dibenzofuran	ND		ug/kg	190	18.	1
2-Methylnaphthalene	ND		ug/kg	220	22.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	190	19.	1
Acetophenone	ND		ug/kg	190	23.	1
2,4,6-Trichlorophenol	ND		ug/kg	110	35.	1
p-Chloro-m-cresol	ND		ug/kg	190	28.	1
2-Chlorophenol	ND		ug/kg	190	22.	1
2,4-Dichlorophenol	ND		ug/kg	170	30.	1
2,4-Dimethylphenol	ND		ug/kg	190	61.	1
2-Nitrophenol	ND		ug/kg	400	70.	1
4-Nitrophenol	ND		ug/kg	260	76.	1
2,4-Dinitrophenol	ND		ug/kg	890	87.	1
4,6-Dinitro-o-cresol	ND		ug/kg	480	89.	1
Pentachlorophenol	ND		ug/kg	150	41.	1
Phenol	ND		ug/kg	190	28.	1
2-Methylphenol	ND		ug/kg	190	29.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	270	29.	1

Project Name: SUN VALLEY
Project Number: 12060 / PHASE 8

Lab Number: L2353060
Report Date: 09/19/23

SAMPLE RESULTS

Lab ID: L2353060-11
Client ID: COMP_B3(7-15)
Sample Location: OSSINING NY

Date Collected: 09/12/23 13:15
Date Received: 09/12/23
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	190	36.	1
Benzoic Acid	ND		ug/kg	600	190	1
Benzyl Alcohol	ND		ug/kg	190	57.	1
Carbazole	ND		ug/kg	190	18.	1
1,4-Dioxane	ND		ug/kg	28	8.6	1

Tentatively Identified Compounds

Total TIC Compounds	654	J	ug/kg	1
Unknown	152	J	ug/kg	1
Unknown	188	J	ug/kg	1
Unknown	314	J	ug/kg	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	67		25-120
Phenol-d6	69		10-120
Nitrobenzene-d5	65		23-120
2-Fluorobiphenyl	72		30-120
2,4,6-Tribromophenol	94		10-136
4-Terphenyl-d14	74		18-120

Project Name: SUN VALLEY
Project Number: 12060 / PHASE 8

Lab Number: L2353060
Report Date: 09/19/23

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 09/14/23 13:58
Analyst: IM

Extraction Method: EPA 3546
Extraction Date: 09/13/23 17:31

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01,03,05,07,09,11 Batch: WG1827186-1					
Acenaphthene	ND		ug/kg	130	17.
1,2,4-Trichlorobenzene	ND		ug/kg	160	19.
Hexachlorobenzene	ND		ug/kg	99	18.
Bis(2-chloroethyl)ether	ND		ug/kg	150	22.
2-Chloronaphthalene	ND		ug/kg	160	16.
1,2-Dichlorobenzene	ND		ug/kg	160	30.
1,3-Dichlorobenzene	ND		ug/kg	160	28.
1,4-Dichlorobenzene	ND		ug/kg	160	29.
3,3'-Dichlorobenzidine	ND		ug/kg	160	44.
2,4-Dinitrotoluene	ND		ug/kg	160	33.
2,6-Dinitrotoluene	ND		ug/kg	160	28.
Fluoranthene	ND		ug/kg	99	19.
4-Chlorophenyl phenyl ether	ND		ug/kg	160	18.
4-Bromophenyl phenyl ether	ND		ug/kg	160	25.
Bis(2-chloroisopropyl)ether	ND		ug/kg	200	28.
Bis(2-chloroethoxy)methane	ND		ug/kg	180	16.
Hexachlorobutadiene	ND		ug/kg	160	24.
Hexachlorocyclopentadiene	ND		ug/kg	470	150
Hexachloroethane	ND		ug/kg	130	27.
Isophorone	ND		ug/kg	150	21.
Naphthalene	ND		ug/kg	160	20.
Nitrobenzene	ND		ug/kg	150	24.
NDPA/DPA	ND		ug/kg	130	19.
n-Nitrosodi-n-propylamine	ND		ug/kg	160	26.
Bis(2-ethylhexyl)phthalate	ND		ug/kg	160	57.
Butyl benzyl phthalate	ND		ug/kg	160	42.
Di-n-butylphthalate	ND		ug/kg	160	31.
Di-n-octylphthalate	ND		ug/kg	160	56.
Diethyl phthalate	ND		ug/kg	160	15.

Project Name: SUN VALLEY
Project Number: 12060 / PHASE 8

Lab Number: L2353060
Report Date: 09/19/23

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 09/14/23 13:58
Analyst: IM

Extraction Method: EPA 3546
Extraction Date: 09/13/23 17:31

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01,03,05,07,09,11 Batch: WG1827186-1					
Dimethyl phthalate	ND		ug/kg	160	35.
Benzo(a)anthracene	ND		ug/kg	99	19.
Benzo(a)pyrene	ND		ug/kg	130	40.
Benzo(b)fluoranthene	ND		ug/kg	99	28.
Benzo(k)fluoranthene	ND		ug/kg	99	26.
Chrysene	ND		ug/kg	99	17.
Acenaphthylene	ND		ug/kg	130	26.
Anthracene	ND		ug/kg	99	32.
Benzo(ghi)perylene	ND		ug/kg	130	19.
Fluorene	ND		ug/kg	160	16.
Phenanthrene	ND		ug/kg	99	20.
Dibenzo(a,h)anthracene	ND		ug/kg	99	19.
Indeno(1,2,3-cd)pyrene	ND		ug/kg	130	23.
Pyrene	ND		ug/kg	99	16.
Biphenyl	ND		ug/kg	380	21.
4-Chloroaniline	ND		ug/kg	160	30.
2-Nitroaniline	ND		ug/kg	160	32.
3-Nitroaniline	ND		ug/kg	160	31.
4-Nitroaniline	ND		ug/kg	160	68.
Dibenzofuran	ND		ug/kg	160	16.
2-Methylnaphthalene	ND		ug/kg	200	20.
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	160	17.
Acetophenone	ND		ug/kg	160	20.
2,4,6-Trichlorophenol	ND		ug/kg	99	31.
p-Chloro-m-cresol	ND		ug/kg	160	25.
2-Chlorophenol	ND		ug/kg	160	20.
2,4-Dichlorophenol	ND		ug/kg	150	26.
2,4-Dimethylphenol	ND		ug/kg	160	54.
2-Nitrophenol	ND		ug/kg	360	62.

Project Name: SUN VALLEY
Project Number: 12060 / PHASE 8

Lab Number: L2353060
Report Date: 09/19/23

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 09/14/23 13:58
Analyst: IM

Extraction Method: EPA 3546
Extraction Date: 09/13/23 17:31

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01,03,05,07,09,11 Batch: WG1827186-1					
4-Nitrophenol	ND		ug/kg	230	67.
2,4-Dinitrophenol	ND		ug/kg	790	77.
4,6-Dinitro-o-cresol	ND		ug/kg	430	79.
Pentachlorophenol	ND		ug/kg	130	36.
Phenol	ND		ug/kg	160	25.
2-Methylphenol	ND		ug/kg	160	26.
3-Methylphenol/4-Methylphenol	ND		ug/kg	240	26.
2,4,5-Trichlorophenol	ND		ug/kg	160	32.
Benzoic Acid	ND		ug/kg	540	170
Benzyl Alcohol	ND		ug/kg	160	50.
Carbazole	ND		ug/kg	160	16.
1,4-Dioxane	ND		ug/kg	25	7.6

Tentatively Identified Compounds

No Tentatively Identified Compounds ND ug/kg

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	68		25-120
Phenol-d6	65		10-120
Nitrobenzene-d5	60		23-120
2-Fluorobiphenyl	63		30-120
2,4,6-Tribromophenol	83		10-136
4-Terphenyl-d14	68		18-120

Lab Control Sample Analysis Batch Quality Control

Project Name: SUN VALLEY
Project Number: 12060 / PHASE 8

Lab Number: L2353060
Report Date: 09/19/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01,03,05,07,09,11 Batch: WG1827186-2 WG1827186-3								
Acenaphthene	78		87		31-137	11		50
1,2,4-Trichlorobenzene	75		88		38-107	16		50
Hexachlorobenzene	84		92		40-140	9		50
Bis(2-chloroethyl)ether	71		86		40-140	19		50
2-Chloronaphthalene	79		91		40-140	14		50
1,2-Dichlorobenzene	71		86		40-140	19		50
1,3-Dichlorobenzene	70		85		40-140	19		50
1,4-Dichlorobenzene	70		85		28-104	19		50
3,3'-Dichlorobenzidine	71		73		40-140	3		50
2,4-Dinitrotoluene	89		97		40-132	9		50
2,6-Dinitrotoluene	83		91		40-140	9		50
Fluoranthene	80		87		40-140	8		50
4-Chlorophenyl phenyl ether	81		90		40-140	11		50
4-Bromophenyl phenyl ether	82		91		40-140	10		50
Bis(2-chloroisopropyl)ether	73		86		40-140	16		50
Bis(2-chloroethoxy)methane	76		88		40-117	15		50
Hexachlorobutadiene	69		84		40-140	20		50
Hexachlorocyclopentadiene	77		89		40-140	14		50
Hexachloroethane	70		84		40-140	18		50
Isophorone	74		83		40-140	11		50
Naphthalene	74		88		40-140	17		50
Nitrobenzene	75		89		40-140	17		50
NDPA/DPA	83		89		36-157	7		50

Lab Control Sample Analysis

Batch Quality Control

Project Name: SUN VALLEY
Project Number: 12060 / PHASE 8

Lab Number: L2353060
Report Date: 09/19/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01,03,05,07,09,11 Batch: WG1827186-2 WG1827186-3								
n-Nitrosodi-n-propylamine	77		89		32-121	14		50
Bis(2-ethylhexyl)phthalate	80		89		40-140	11		50
Butyl benzyl phthalate	80		88		40-140	10		50
Di-n-butylphthalate	80		88		40-140	10		50
Di-n-octylphthalate	79		88		40-140	11		50
Diethyl phthalate	80		87		40-140	8		50
Dimethyl phthalate	80		89		40-140	11		50
Benzo(a)anthracene	82		90		40-140	9		50
Benzo(a)pyrene	91		101		40-140	10		50
Benzo(b)fluoranthene	84		93		40-140	10		50
Benzo(k)fluoranthene	87		98		40-140	12		50
Chrysene	82		90		40-140	9		50
Acenaphthylene	85		94		40-140	10		50
Anthracene	81		89		40-140	9		50
Benzo(ghi)perylene	80		87		40-140	8		50
Fluorene	81		88		40-140	8		50
Phenanthrene	80		86		40-140	7		50
Dibenzo(a,h)anthracene	80		87		40-140	8		50
Indeno(1,2,3-cd)pyrene	90		98		40-140	9		50
Pyrene	80		88		35-142	10		50
Biphenyl	86		97		37-127	12		50
4-Chloroaniline	67		74		40-140	10		50
2-Nitroaniline	89		97		47-134	9		50

Lab Control Sample Analysis

Batch Quality Control

Project Name: SUN VALLEY
Project Number: 12060 / PHASE 8

Lab Number: L2353060
Report Date: 09/19/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01,03,05,07,09,11 Batch: WG1827186-2 WG1827186-3								
3-Nitroaniline	75		82		26-129	9		50
4-Nitroaniline	80		91		41-125	13		50
Dibenzofuran	81		90		40-140	11		50
2-Methylnaphthalene	80		92		40-140	14		50
1,2,4,5-Tetrachlorobenzene	82		95		40-117	15		50
Acetophenone	84		99		14-144	16		50
2,4,6-Trichlorophenol	91		103		30-130	12		50
p-Chloro-m-cresol	88		97		26-103	10		50
2-Chlorophenol	80		95		25-102	17		50
2,4-Dichlorophenol	87		97		30-130	11		50
2,4-Dimethylphenol	74		82		30-130	10		50
2-Nitrophenol	83		98		30-130	17		50
4-Nitrophenol	93		103		11-114	10		50
2,4-Dinitrophenol	88		94		4-130	7		50
4,6-Dinitro-o-cresol	105		111		10-130	6		50
Pentachlorophenol	107		120	Q	17-109	11		50
Phenol	81		94	Q	26-90	15		50
2-Methylphenol	84		97		30-130.	14		50
3-Methylphenol/4-Methylphenol	92		105		30-130	13		50
2,4,5-Trichlorophenol	91		102		30-130	11		50
Benzoic Acid	49		55		10-110	12		50
Benzyl Alcohol	83		96		40-140	15		50
Carbazole	81		90		54-128	11		50

Lab Control Sample Analysis

Batch Quality Control

Project Name: SUN VALLEY
Project Number: 12060 / PHASE 8

Lab Number: L2353060
Report Date: 09/19/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01,03,05,07,09,11 Batch: WG1827186-2 WG1827186-3								
1,4-Dioxane	61		68		40-140	11		50

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	85		103		25-120
Phenol-d6	84		96		10-120
Nitrobenzene-d5	76		90		23-120
2-Fluorobiphenyl	80		89		30-120
2,4,6-Tribromophenol	102		114		10-136
4-Terphenyl-d14	79		84		18-120

PETROLEUM HYDROCARBONS

Project Name: SUN VALLEY
Project Number: 12060 / PHASE 8

Lab Number: L2353060
Report Date: 09/19/23

SAMPLE RESULTS

Lab ID: L2353060-01
Client ID: COMP_A3(0-7)
Sample Location: OSSINING NY

Date Collected: 09/12/23 11:15
Date Received: 09/12/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 103,NJDEP EPH
Analytical Date: 09/14/23 20:35
Analyst: SC
Percent Solids: 92%

Extraction Method: EPA 3546
Extraction Date: 09/13/23 18:20

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
NJ Extractable Petroleum Hydrocarbons (Total) - Westborough Lab						
Total EPH	ND		mg/kg	25.0	25.0	1
Surrogate	% Recovery		Qualifier	Acceptance Criteria		
Chloro-Octadecane	58			40-140		
o-Terphenyl	60			40-140		

Project Name: SUN VALLEY
Project Number: 12060 / PHASE 8

Lab Number: L2353060
Report Date: 09/19/23

SAMPLE RESULTS

Lab ID: L2353060-03
Client ID: COMP_A3(7-14)
Sample Location: OSSINING NY

Date Collected: 09/12/23 11:30
Date Received: 09/12/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 103,NJDEP EPH
Analytical Date: 09/14/23 21:11
Analyst: SC
Percent Solids: 95%

Extraction Method: EPA 3546
Extraction Date: 09/13/23 18:20

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
NJ Extractable Petroleum Hydrocarbons (Total) - Westborough Lab						
Total EPH	ND		mg/kg	24.8	24.8	1
Surrogate	% Recovery		Qualifier	Acceptance Criteria		
Chloro-Octadecane	63			40-140		
o-Terphenyl	64			40-140		

Project Name: SUN VALLEY
Project Number: 12060 / PHASE 8

Lab Number: L2353060
Report Date: 09/19/23

SAMPLE RESULTS

Lab ID: L2353060-05
Client ID: COMP_A3(14-25)
Sample Location: OSSINING NY

Date Collected: 09/12/23 11:45
Date Received: 09/12/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 103,NJDEP EPH
Analytical Date: 09/14/23 21:46
Analyst: SC
Percent Solids: 78%

Extraction Method: EPA 3546
Extraction Date: 09/13/23 18:20

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
NJ Extractable Petroleum Hydrocarbons (Total) - Westborough Lab						
Total EPH	ND		mg/kg	30.4	30.4	1
Surrogate	% Recovery		Qualifier	Acceptance Criteria		
Chloro-Octadecane	61			40-140		
o-Terphenyl	62			40-140		

Project Name: SUN VALLEY
Project Number: 12060 / PHASE 8

Lab Number: L2353060
Report Date: 09/19/23

SAMPLE RESULTS

Lab ID: L2353060-07
 Client ID: COMP_B3(0-7)
 Sample Location: OSSINING NY

Date Collected: 09/12/23 12:45
 Date Received: 09/12/23
 Field Prep: Not Specified

Sample Depth:
 Matrix: Soil
 Analytical Method: 103,NJDEP EPH
 Analytical Date: 09/14/23 22:56
 Analyst: SC
 Percent Solids: 93%

Extraction Method: EPA 3546
 Extraction Date: 09/13/23 18:20

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
NJ Extractable Petroleum Hydrocarbons (Total) - Westborough Lab						
Total EPH	ND		mg/kg	25.4	25.4	1
Surrogate	% Recovery		Qualifier	Acceptance Criteria		
Chloro-Octadecane	57			40-140		
o-Terphenyl	58			40-140		

Project Name: SUN VALLEY
Project Number: 12060 / PHASE 8

Lab Number: L2353060
Report Date: 09/19/23

SAMPLE RESULTS

Lab ID: L2353060-09
 Client ID: COMP_C3(0-9)
 Sample Location: OSSINING NY

Date Collected: 09/12/23 14:45
 Date Received: 09/12/23
 Field Prep: Not Specified

Sample Depth:
 Matrix: Soil
 Analytical Method: 103,NJDEP EPH
 Analytical Date: 09/15/23 02:28
 Analyst: SC
 Percent Solids: 92%

Extraction Method: EPA 3546
 Extraction Date: 09/13/23 18:20

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
NJ Extractable Petroleum Hydrocarbons (Total) - Westborough Lab						
Total EPH	34.4		mg/kg	25.5	25.5	1
Surrogate	% Recovery		Qualifier	Acceptance Criteria		
Chloro-Octadecane	63			40-140		
o-Terphenyl	64			40-140		

Project Name: SUN VALLEY
Project Number: 12060 / PHASE 8

Lab Number: L2353060
Report Date: 09/19/23

SAMPLE RESULTS

Lab ID: L2353060-11
Client ID: COMP_B3(7-15)
Sample Location: OSSINING NY

Date Collected: 09/12/23 13:15
Date Received: 09/12/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 103,NJDEP EPH
Analytical Date: 09/14/23 20:35
Analyst: SC
Percent Solids: 90%

Extraction Method: EPA 3546
Extraction Date: 09/13/23 18:20

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
NJ Extractable Petroleum Hydrocarbons (Total) - Westborough Lab						
Total EPH	ND		mg/kg	26.0	26.0	1
Surrogate	% Recovery		Qualifier	Acceptance Criteria		
Chloro-Octadecane	67			40-140		
o-Terphenyl	67			40-140		

Project Name: SUN VALLEY
Project Number: 12060 / PHASE 8

Lab Number: L2353060
Report Date: 09/19/23

Method Blank Analysis Batch Quality Control

Analytical Method: 103,NJDEP EPH
Analytical Date: 09/14/23 09:33
Analyst: ALL

Extraction Method: EPA 3546
Extraction Date: 09/13/23 14:46

Parameter	Result	Qualifier	Units	RL	MDL
NJ Extractable Petroleum Hydrocarbons (Total) - Westborough Lab for sample(s): 01,03,05,07,09,11 Batch: WG1827096-1					
Total EPH	ND		mg/kg	23.6	23.6

Surrogate	%Recovery	Qualifier	Acceptance Criteria
Chloro-Octadecane	77		40-140
o-Terphenyl	78		40-140

Lab Control Sample Analysis

Batch Quality Control

Project Name: SUN VALLEY
Project Number: 12060 / PHASE 8

Lab Number: L2353060
Report Date: 09/19/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
NJ Extractable Petroleum Hydrocarbons (Total) - Westborough Lab Associated sample(s): 01,03,05,07,09,11 Batch: WG1827096-2 WG1827096-3								
Total EPH	94		96		40-140	2		25
Nonane (C9)	98		96		40-140	2		25
Decane (C10)	97		95		40-140	2		25
Dodecane (C12)	92		91		40-140	1		25
Tetradecane (C14)	88		87		40-140	1		25
Hexadecane (C16)	85		86		40-140	1		25
Octadecane (C18)	88		91		40-140	3		25
Eicosane (C20)	81		84		40-140	4		25
Heneicosane (C21)	83		86		40-140	4		25
Docosane (C22)	83		86		40-140	4		25
Tetracosane (C24)	83		86		40-140	4		25
Hexacosane (C26)	82		85		40-140	4		25
Octacosane (C28)	83		85		40-140	2		25
triacontane (C30)	83		85		40-140	2		25
Dotriacontane (C32)	84		87		40-140	4		25
Tetratriacontane (C34)	82		85		40-140	4		25
Hexatriacontane (C36)	84		87		40-140	4		25
Octatriacontane (C38)	81		85		40-140	5		25
Tetracontane (C40)	82		87		40-140	6		25

Lab Control Sample Analysis Batch Quality Control

Project Name: SUN VALLEY
Project Number: 12060 / PHASE 8

Lab Number: L2353060
Report Date: 09/19/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
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NJ Extractable Petroleum Hydrocarbons (Total) - Westborough Lab Associated sample(s): 01,03,05,07,09,11 Batch: WG1827096-2 WG1827096-3

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
Chloro-Octadecane	78		80		40-140
o-Terphenyl	79		80		40-140

Matrix Spike Analysis**Batch Quality Control**

Project Name: SUN VALLEY
Project Number: 12060 / PHASE 8

Lab Number: L2353060
Report Date: 09/19/23

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
NJ Extractable Petroleum Hydrocarbons (Total) - Westborough Lab 15 Client ID: MS Sample Associated sample(s): 01,03,05,07,09,11 QC Batch ID: WG1827096-4 QC Sample: L2350800-												
Total EPH	ND	257	264	103		-	-		40-140	-		50
Nonane (C9)	ND	7.14	6.97	98		-	-		40-140	-		50
Decane (C10)	ND	7.14	6.95	97		-	-		40-140	-		50
Dodecane (C12)	ND	7.14	6.72	94		-	-		40-140	-		50
Tetradecane (C14)	ND	7.14	6.52	91		-	-		40-140	-		50
Hexadecane (C16)	ND	7.14	6.46	91		-	-		40-140	-		50
Octadecane (C18)	ND	7.14	6.74	94		-	-		40-140	-		50
Eicosane (C20)	ND	7.14	6.27	88		-	-		40-140	-		50
Heneicosane (C21)	ND	7.14	6.47	91		-	-		40-140	-		50
Docosane (C22)	ND	7.14	6.44	90		-	-		40-140	-		50
Tetracosane (C24)	ND	7.14	6.45	90		-	-		40-140	-		50
Hexacosane (C26)	ND	7.14	6.41	90		-	-		40-140	-		50
Octacosane (C28)	ND	7.14	6.52	91		-	-		40-140	-		50
triacontane (C30)	ND	7.14	6.43	90		-	-		40-140	-		50
Dotriacontane (C32)	ND	7.14	6.57	92		-	-		40-140	-		50
Tetratriacontane (C34)	ND	7.14	6.44	90		-	-		40-140	-		50
Hexatriacontane (C36)	ND	7.14	6.54	92		-	-		40-140	-		50
Octatriacontane (C38)	ND	7.14	6.41	90		-	-		40-140	-		50
Tetracontane (C40)	ND	7.14	6.62	93		-	-		40-140	-		50

Surrogate	MS % Recovery	MS Qualifier	MSD % Recovery	MSD Qualifier	Acceptance Criteria
Chloro-Octadecane	85				40-140

Matrix Spike Analysis**Batch Quality Control**

Project Name: SUN VALLEY
Project Number: 12060 / PHASE 8

Lab Number: L2353060
Report Date: 09/19/23

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
NJ Extractable Petroleum Hydrocarbons (Total) - Westborough Lab Associated sample(s): 01,03,05,07,09,11 QC Batch ID: WG1827096-4 QC Sample: L2350800-15 Client ID: MS Sample												

Surrogate	MS % Recovery	Qualifier	MSD % Recovery	Qualifier	Acceptance Criteria
o-Terphenyl	84				40-140

Lab Duplicate Analysis
Batch Quality Control

Project Name: SUN VALLEY
Project Number: 12060 / PHASE 8

Lab Number: L2353060
Report Date: 09/19/23

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
NJ Extractable Petroleum Hydrocarbons (Total) - Westborough Lab Associated sample(s): 01,03,05,07,09,11 QC Batch ID: WG1827096-5 QC Sample: L2350800-15 Client ID: DUP Sample						
Total EPH	ND	ND	mg/kg	NC		50

Surrogate	%Recovery	Qualifier	%Recovery	Qualifier	Acceptance Criteria
Chloro-Octadecane	84		84		40-140
o-Terphenyl	84		83		40-140



PCBS

Project Name: SUN VALLEY
Project Number: 12060 / PHASE 8

Lab Number: L2353060
Report Date: 09/19/23

SAMPLE RESULTS

Lab ID: L2353060-01
Client ID: COMP_A3(0-7)
Sample Location: OSSINING NY

Date Collected: 09/12/23 11:15
Date Received: 09/12/23
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 09/15/23 14:06
Analyst: MEO
Percent Solids: 92%

Extraction Method: EPA 3546
Extraction Date: 09/13/23 18:08
Cleanup Method: EPA 3665A
Cleanup Date: 09/15/23
Cleanup Method: EPA 3660B
Cleanup Date: 09/15/23

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	54.3	4.82	1	A
Aroclor 1221	ND		ug/kg	54.3	5.44	1	A
Aroclor 1232	ND		ug/kg	54.3	11.5	1	A
Aroclor 1242	ND		ug/kg	54.3	7.32	1	A
Aroclor 1248	ND		ug/kg	54.3	8.15	1	A
Aroclor 1254	ND		ug/kg	54.3	5.94	1	A
Aroclor 1260	ND		ug/kg	54.3	10.0	1	A
Aroclor 1262	ND		ug/kg	54.3	6.90	1	A
Aroclor 1268	ND		ug/kg	54.3	5.63	1	A
PCBs, Total	ND		ug/kg	54.3	4.82	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	70		30-150	A
Decachlorobiphenyl	66		30-150	A
2,4,5,6-Tetrachloro-m-xylene	72		30-150	B
Decachlorobiphenyl	68		30-150	B

Project Name: SUN VALLEY
Project Number: 12060 / PHASE 8

Lab Number: L2353060
Report Date: 09/19/23

SAMPLE RESULTS

Lab ID: L2353060-03
Client ID: COMP_A3(7-14)
Sample Location: OSSINING NY

Date Collected: 09/12/23 11:30
Date Received: 09/12/23
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 09/15/23 14:14
Analyst: MEO
Percent Solids: 95%

Extraction Method: EPA 3546
Extraction Date: 09/13/23 18:08
Cleanup Method: EPA 3665A
Cleanup Date: 09/15/23
Cleanup Method: EPA 3660B
Cleanup Date: 09/15/23

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	48.1	4.28	1	A
Aroclor 1221	ND		ug/kg	48.1	4.82	1	A
Aroclor 1232	ND		ug/kg	48.1	10.2	1	A
Aroclor 1242	ND		ug/kg	48.1	6.49	1	A
Aroclor 1248	ND		ug/kg	48.1	7.22	1	A
Aroclor 1254	ND		ug/kg	48.1	5.27	1	A
Aroclor 1260	ND		ug/kg	48.1	8.90	1	A
Aroclor 1262	ND		ug/kg	48.1	6.11	1	A
Aroclor 1268	ND		ug/kg	48.1	4.99	1	A
PCBs, Total	ND		ug/kg	48.1	4.28	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	71		30-150	A
Decachlorobiphenyl	68		30-150	A
2,4,5,6-Tetrachloro-m-xylene	75		30-150	B
Decachlorobiphenyl	70		30-150	B

Project Name: SUN VALLEY
Project Number: 12060 / PHASE 8

Lab Number: L2353060
Report Date: 09/19/23

SAMPLE RESULTS

Lab ID: L2353060-05
Client ID: COMP_A3(14-25)
Sample Location: OSSINING NY

Date Collected: 09/12/23 11:45
Date Received: 09/12/23
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 09/15/23 14:23
Analyst: MEO
Percent Solids: 78%

Extraction Method: EPA 3546
Extraction Date: 09/13/23 18:08
Cleanup Method: EPA 3665A
Cleanup Date: 09/15/23
Cleanup Method: EPA 3660B
Cleanup Date: 09/15/23

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	61.3	5.44	1	A
Aroclor 1221	ND		ug/kg	61.3	6.14	1	A
Aroclor 1232	ND		ug/kg	61.3	13.0	1	A
Aroclor 1242	ND		ug/kg	61.3	8.26	1	A
Aroclor 1248	ND		ug/kg	61.3	9.20	1	A
Aroclor 1254	ND		ug/kg	61.3	6.71	1	A
Aroclor 1260	ND		ug/kg	61.3	11.3	1	A
Aroclor 1262	ND		ug/kg	61.3	7.78	1	A
Aroclor 1268	ND		ug/kg	61.3	6.35	1	A
PCBs, Total	ND		ug/kg	61.3	5.44	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	71		30-150	A
Decachlorobiphenyl	67		30-150	A
2,4,5,6-Tetrachloro-m-xylene	72		30-150	B
Decachlorobiphenyl	67		30-150	B

Project Name: SUN VALLEY
Project Number: 12060 / PHASE 8

Lab Number: L2353060
Report Date: 09/19/23

SAMPLE RESULTS

Lab ID: L2353060-07
Client ID: COMP_B3(0-7)
Sample Location: OSSINING NY

Date Collected: 09/12/23 12:45
Date Received: 09/12/23
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 09/15/23 14:31
Analyst: MEO
Percent Solids: 93%

Extraction Method: EPA 3546
Extraction Date: 09/13/23 18:08
Cleanup Method: EPA 3665A
Cleanup Date: 09/15/23
Cleanup Method: EPA 3660B
Cleanup Date: 09/15/23

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	50.2	4.46	1	A
Aroclor 1221	ND		ug/kg	50.2	5.03	1	A
Aroclor 1232	ND		ug/kg	50.2	10.6	1	A
Aroclor 1242	ND		ug/kg	50.2	6.76	1	A
Aroclor 1248	ND		ug/kg	50.2	7.53	1	A
Aroclor 1254	ND		ug/kg	50.2	5.49	1	A
Aroclor 1260	ND		ug/kg	50.2	9.27	1	A
Aroclor 1262	ND		ug/kg	50.2	6.37	1	A
Aroclor 1268	ND		ug/kg	50.2	5.20	1	A
PCBs, Total	ND		ug/kg	50.2	4.46	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	65		30-150	A
Decachlorobiphenyl	62		30-150	A
2,4,5,6-Tetrachloro-m-xylene	67		30-150	B
Decachlorobiphenyl	64		30-150	B

Project Name: SUN VALLEY
Project Number: 12060 / PHASE 8

Lab Number: L2353060
Report Date: 09/19/23

SAMPLE RESULTS

Lab ID: L2353060-09
Client ID: COMP_C3(0-9)
Sample Location: OSSINING NY

Date Collected: 09/12/23 14:45
Date Received: 09/12/23
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 09/15/23 14:40
Analyst: MEO
Percent Solids: 92%

Extraction Method: EPA 3546
Extraction Date: 09/13/23 18:08
Cleanup Method: EPA 3665A
Cleanup Date: 09/15/23
Cleanup Method: EPA 3660B
Cleanup Date: 09/15/23

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	51.5	4.58	1	A
Aroclor 1221	ND		ug/kg	51.5	5.16	1	A
Aroclor 1232	ND		ug/kg	51.5	10.9	1	A
Aroclor 1242	ND		ug/kg	51.5	6.95	1	A
Aroclor 1248	ND		ug/kg	51.5	7.73	1	A
Aroclor 1254	ND		ug/kg	51.5	5.64	1	A
Aroclor 1260	ND		ug/kg	51.5	9.52	1	A
Aroclor 1262	ND		ug/kg	51.5	6.54	1	A
Aroclor 1268	ND		ug/kg	51.5	5.34	1	A
PCBs, Total	ND		ug/kg	51.5	4.58	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	62		30-150	A
Decachlorobiphenyl	61		30-150	A
2,4,5,6-Tetrachloro-m-xylene	63		30-150	B
Decachlorobiphenyl	61		30-150	B

Project Name: SUN VALLEY
Project Number: 12060 / PHASE 8

Lab Number: L2353060
Report Date: 09/19/23

SAMPLE RESULTS

Lab ID: L2353060-11
Client ID: COMP_B3(7-15)
Sample Location: OSSINING NY

Date Collected: 09/12/23 13:15
Date Received: 09/12/23
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 09/15/23 14:48
Analyst: MEO
Percent Solids: 90%

Extraction Method: EPA 3546
Extraction Date: 09/13/23 18:08
Cleanup Method: EPA 3665A
Cleanup Date: 09/15/23
Cleanup Method: EPA 3660B
Cleanup Date: 09/15/23

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	52.0	4.61	1	A
Aroclor 1221	ND		ug/kg	52.0	5.21	1	A
Aroclor 1232	ND		ug/kg	52.0	11.0	1	A
Aroclor 1242	ND		ug/kg	52.0	7.00	1	A
Aroclor 1248	ND		ug/kg	52.0	7.80	1	A
Aroclor 1254	ND		ug/kg	52.0	5.68	1	A
Aroclor 1260	ND		ug/kg	52.0	9.60	1	A
Aroclor 1262	ND		ug/kg	52.0	6.60	1	A
Aroclor 1268	ND		ug/kg	52.0	5.38	1	A
PCBs, Total	ND		ug/kg	52.0	4.61	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	68		30-150	A
Decachlorobiphenyl	64		30-150	A
2,4,5,6-Tetrachloro-m-xylene	70		30-150	B
Decachlorobiphenyl	66		30-150	B

Project Name: SUN VALLEY
Project Number: 12060 / PHASE 8

Lab Number: L2353060
Report Date: 09/19/23

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8082A
Analytical Date: 09/13/23 09:51
Analyst: MEO

Extraction Method: EPA 3546
Extraction Date: 09/13/23 04:29
Cleanup Method: EPA 3665A
Cleanup Date: 09/13/23
Cleanup Method: EPA 3660B
Cleanup Date: 09/13/23

Parameter	Result	Qualifier	Units	RL	MDL	Column
Polychlorinated Biphenyls by GC - Westborough Lab for sample(s): 01,03,05,07,09,11 Batch: WG1826793-1						
Aroclor 1016	ND		ug/kg	48.8	4.34	A
Aroclor 1221	ND		ug/kg	48.8	4.89	A
Aroclor 1232	ND		ug/kg	48.8	10.4	A
Aroclor 1242	ND		ug/kg	48.8	6.58	A
Aroclor 1248	ND		ug/kg	48.8	7.32	A
Aroclor 1254	ND		ug/kg	48.8	5.34	A
Aroclor 1260	ND		ug/kg	48.8	9.02	A
Aroclor 1262	ND		ug/kg	48.8	6.20	A
Aroclor 1268	ND		ug/kg	48.8	5.06	A
PCBs, Total	ND		ug/kg	48.8	4.34	A

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	67		30-150	A
Decachlorobiphenyl	64		30-150	A
2,4,5,6-Tetrachloro-m-xylene	68		30-150	B
Decachlorobiphenyl	66		30-150	B

Lab Control Sample Analysis

Batch Quality Control

Project Name: SUN VALLEY
Project Number: 12060 / PHASE 8

Lab Number: L2353060
Report Date: 09/19/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Polychlorinated Biphenyls by GC - Westborough Lab Associated sample(s): 01,03,05,07,09,11 Batch: WG1826793-2 WG1826793-3									
Aroclor 1016	63		67		40-140	6		50	A
Aroclor 1260	56		58		40-140	4		50	A

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	62		65		30-150	A
Decachlorobiphenyl	59		62		30-150	A
2,4,5,6-Tetrachloro-m-xylene	62		65		30-150	B
Decachlorobiphenyl	58		60		30-150	B

PESTICIDES

Project Name: SUN VALLEY
Project Number: 12060 / PHASE 8

Lab Number: L2353060
Report Date: 09/19/23

SAMPLE RESULTS

Lab ID: L2353060-01
Client ID: COMP_A3(0-7)
Sample Location: OSSINING NY

Date Collected: 09/12/23 11:15
Date Received: 09/12/23
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 09/15/23 17:35
Analyst: EJJ
Percent Solids: 92%

Extraction Method: EPA 3546
Extraction Date: 09/13/23 16:38
Cleanup Method: EPA 3620B
Cleanup Date: 09/15/23
Cleanup Method: EPA 3660B
Cleanup Date: 09/15/23

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.64	0.322	1	A
Lindane	ND		ug/kg	0.686	0.306	1	A
Alpha-BHC	ND		ug/kg	0.686	0.195	1	A
Beta-BHC	ND		ug/kg	1.64	0.624	1	A
Heptachlor	ND		ug/kg	0.823	0.369	1	A
Aldrin	ND		ug/kg	1.64	0.579	1	A
Heptachlor epoxide	ND		ug/kg	3.08	0.926	1	A
Endrin	ND		ug/kg	0.686	0.281	1	A
Endrin aldehyde	ND		ug/kg	2.06	0.720	1	A
Endrin ketone	ND		ug/kg	1.64	0.424	1	A
Dieldrin	ND		ug/kg	1.03	0.514	1	A
4,4'-DDE	ND		ug/kg	1.64	0.380	1	A
4,4'-DDD	ND		ug/kg	1.64	0.587	1	A
4,4'-DDT	ND		ug/kg	1.64	1.32	1	A
Endosulfan I	ND		ug/kg	1.64	0.389	1	A
Endosulfan II	ND		ug/kg	1.64	0.550	1	A
Endosulfan sulfate	ND		ug/kg	0.686	0.326	1	A
Methoxychlor	ND		ug/kg	3.08	0.960	1	A
Toxaphene	ND		ug/kg	30.8	8.64	1	A
cis-Chlordane	ND		ug/kg	2.06	0.573	1	A
trans-Chlordane	ND		ug/kg	2.06	0.543	1	A
Chlordane	ND		ug/kg	13.7	5.45	1	A

Project Name: SUN VALLEY
Project Number: 12060 / PHASE 8

Lab Number: L2353060
Report Date: 09/19/23

SAMPLE RESULTS

Lab ID: L2353060-01
Client ID: COMP_A3(0-7)
Sample Location: OSSINING NY

Date Collected: 09/12/23 11:15
Date Received: 09/12/23
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
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Organochlorine Pesticides by GC - Westborough Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	73		30-150	A
Decachlorobiphenyl	84		30-150	A
2,4,5,6-Tetrachloro-m-xylene	81		30-150	B
Decachlorobiphenyl	82		30-150	B

Project Name: SUN VALLEY
Project Number: 12060 / PHASE 8

Lab Number: L2353060
Report Date: 09/19/23

SAMPLE RESULTS

Lab ID: L2353060-01
Client ID: COMP_A3(0-7)
Sample Location: OSSINING NY

Date Collected: 09/12/23 11:15
Date Received: 09/12/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8151A
Analytical Date: 09/14/23 13:10
Analyst: MMG
Percent Solids: 92%
Methylation Date: 09/14/23 09:10

Extraction Method: EPA 8151A
Extraction Date: 09/13/23 13:00

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
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Chlorinated Herbicides by GC - Westborough Lab

2,4-D	ND		ug/kg	180	11.4	1	A
2,4,5-T	ND		ug/kg	180	5.59	1	A
2,4,5-TP (Silvex)	ND		ug/kg	180	4.80	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
DCAA	101		30-150	A
DCAA	103		30-150	B

Project Name: SUN VALLEY
Project Number: 12060 / PHASE 8

Lab Number: L2353060
Report Date: 09/19/23

SAMPLE RESULTS

Lab ID: L2353060-03
Client ID: COMP_A3(7-14)
Sample Location: OSSINING NY

Date Collected: 09/12/23 11:30
Date Received: 09/12/23
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 09/15/23 17:46
Analyst: EJJ
Percent Solids: 95%

Extraction Method: EPA 3546
Extraction Date: 09/13/23 16:38
Cleanup Method: EPA 3620B
Cleanup Date: 09/15/23
Cleanup Method: EPA 3660B
Cleanup Date: 09/15/23

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.68	0.329	1	A
Lindane	ND		ug/kg	0.699	0.312	1	A
Alpha-BHC	ND		ug/kg	0.699	0.198	1	A
Beta-BHC	ND		ug/kg	1.68	0.636	1	A
Heptachlor	ND		ug/kg	0.839	0.376	1	A
Aldrin	ND		ug/kg	1.68	0.591	1	A
Heptachlor epoxide	ND		ug/kg	3.15	0.944	1	A
Endrin	ND		ug/kg	0.699	0.287	1	A
Endrin aldehyde	ND		ug/kg	2.10	0.734	1	A
Endrin ketone	ND		ug/kg	1.68	0.432	1	A
Dieldrin	ND		ug/kg	1.05	0.524	1	A
4,4'-DDE	ND		ug/kg	1.68	0.388	1	A
4,4'-DDD	ND		ug/kg	1.68	0.598	1	A
4,4'-DDT	ND		ug/kg	1.68	1.35	1	A
Endosulfan I	ND		ug/kg	1.68	0.396	1	A
Endosulfan II	ND		ug/kg	1.68	0.561	1	A
Endosulfan sulfate	ND		ug/kg	0.699	0.333	1	A
Methoxychlor	ND		ug/kg	3.15	0.979	1	A
Toxaphene	ND		ug/kg	31.5	8.81	1	A
cis-Chlordane	ND		ug/kg	2.10	0.584	1	A
trans-Chlordane	ND		ug/kg	2.10	0.554	1	A
Chlordane	ND		ug/kg	14.0	5.56	1	A

Project Name: SUN VALLEY
Project Number: 12060 / PHASE 8

Lab Number: L2353060
Report Date: 09/19/23

SAMPLE RESULTS

Lab ID: L2353060-03
Client ID: COMP_A3(7-14)
Sample Location: OSSINING NY

Date Collected: 09/12/23 11:30
Date Received: 09/12/23
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	71		30-150	A
Decachlorobiphenyl	87		30-150	A
2,4,5,6-Tetrachloro-m-xylene	77		30-150	B
Decachlorobiphenyl	84		30-150	B

Project Name: SUN VALLEY
Project Number: 12060 / PHASE 8

Lab Number: L2353060
Report Date: 09/19/23

SAMPLE RESULTS

Lab ID: L2353060-03
Client ID: COMP_A3(7-14)
Sample Location: OSSINING NY

Date Collected: 09/12/23 11:30
Date Received: 09/12/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8151A
Analytical Date: 09/14/23 13:29
Analyst: MMG
Percent Solids: 95%
Methylation Date: 09/14/23 09:10

Extraction Method: EPA 8151A
Extraction Date: 09/13/23 13:00

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
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Chlorinated Herbicides by GC - Westborough Lab

2,4-D	ND		ug/kg	172	10.8	1	A
2,4,5-T	ND		ug/kg	172	5.33	1	A
2,4,5-TP (Silvex)	ND		ug/kg	172	4.57	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
DCAA	96		30-150	A
DCAA	97		30-150	B

Project Name: SUN VALLEY
Project Number: 12060 / PHASE 8

Lab Number: L2353060
Report Date: 09/19/23

SAMPLE RESULTS

Lab ID: L2353060-05
Client ID: COMP_A3(14-25)
Sample Location: OSSINING NY

Date Collected: 09/12/23 11:45
Date Received: 09/12/23
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 09/15/23 17:57
Analyst: EJL
Percent Solids: 78%

Extraction Method: EPA 3546
Extraction Date: 09/13/23 16:39
Cleanup Method: EPA 3620B
Cleanup Date: 09/15/23
Cleanup Method: EPA 3660B
Cleanup Date: 09/15/23

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.98	0.388	1	A
Lindane	ND		ug/kg	0.827	0.369	1	A
Alpha-BHC	ND		ug/kg	0.827	0.235	1	A
Beta-BHC	ND		ug/kg	1.98	0.752	1	A
Heptachlor	ND		ug/kg	0.992	0.445	1	A
Aldrin	ND		ug/kg	1.98	0.698	1	A
Heptachlor epoxide	ND		ug/kg	3.72	1.12	1	A
Endrin	ND		ug/kg	0.827	0.339	1	A
Endrin aldehyde	ND		ug/kg	2.48	0.868	1	A
Endrin ketone	ND		ug/kg	1.98	0.511	1	A
Dieldrin	ND		ug/kg	1.24	0.620	1	A
4,4'-DDE	ND		ug/kg	1.98	0.459	1	A
4,4'-DDD	ND		ug/kg	1.98	0.708	1	A
4,4'-DDT	ND		ug/kg	1.98	1.60	1	A
Endosulfan I	ND		ug/kg	1.98	0.469	1	A
Endosulfan II	ND		ug/kg	1.98	0.663	1	A
Endosulfan sulfate	ND		ug/kg	0.827	0.393	1	A
Methoxychlor	ND		ug/kg	3.72	1.16	1	A
Toxaphene	ND		ug/kg	37.2	10.4	1	A
cis-Chlordane	ND		ug/kg	2.48	0.691	1	A
trans-Chlordane	ND		ug/kg	2.48	0.655	1	A
Chlordane	ND		ug/kg	16.5	6.57	1	A

Project Name: SUN VALLEY
Project Number: 12060 / PHASE 8

Lab Number: L2353060
Report Date: 09/19/23

SAMPLE RESULTS

Lab ID: L2353060-05
Client ID: COMP_A3(14-25)
Sample Location: OSSINING NY

Date Collected: 09/12/23 11:45
Date Received: 09/12/23
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
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Organochlorine Pesticides by GC - Westborough Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	70		30-150	A
Decachlorobiphenyl	82		30-150	A
2,4,5,6-Tetrachloro-m-xylene	74		30-150	B
Decachlorobiphenyl	79		30-150	B

Project Name: SUN VALLEY
Project Number: 12060 / PHASE 8

Lab Number: L2353060
Report Date: 09/19/23

SAMPLE RESULTS

Lab ID: L2353060-05
Client ID: COMP_A3(14-25)
Sample Location: OSSINING NY

Date Collected: 09/12/23 11:45
Date Received: 09/12/23
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8151A
Analytical Date: 09/14/23 13:47
Analyst: MMG
Percent Solids: 78%
Methylation Date: 09/14/23 09:10

Extraction Method: EPA 8151A
Extraction Date: 09/13/23 13:00

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
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Chlorinated Herbicides by GC - Westborough Lab

2,4-D	ND		ug/kg	210	13.2	1	A
2,4,5-T	ND		ug/kg	210	6.51	1	A
2,4,5-TP (Silvex)	ND		ug/kg	210	5.59	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
DCAA	94		30-150	A
DCAA	98		30-150	B

Project Name: SUN VALLEY
Project Number: 12060 / PHASE 8

Lab Number: L2353060
Report Date: 09/19/23

SAMPLE RESULTS

Lab ID: L2353060-07
Client ID: COMP_B3(0-7)
Sample Location: OSSINING NY

Date Collected: 09/12/23 12:45
Date Received: 09/12/23
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 09/15/23 18:08
Analyst: EJL
Percent Solids: 93%

Extraction Method: EPA 3546
Extraction Date: 09/13/23 16:39
Cleanup Method: EPA 3620B
Cleanup Date: 09/15/23
Cleanup Method: EPA 3660B
Cleanup Date: 09/15/23

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.70	0.333	1	A
Lindane	ND		ug/kg	0.708	0.316	1	A
Alpha-BHC	ND		ug/kg	0.708	0.201	1	A
Beta-BHC	ND		ug/kg	1.70	0.644	1	A
Heptachlor	ND		ug/kg	0.850	0.381	1	A
Aldrin	ND		ug/kg	1.70	0.598	1	A
Heptachlor epoxide	ND		ug/kg	3.19	0.956	1	A
Endrin	ND		ug/kg	0.708	0.290	1	A
Endrin aldehyde	ND		ug/kg	2.12	0.744	1	A
Endrin ketone	ND		ug/kg	1.70	0.438	1	A
Dieldrin	ND		ug/kg	1.06	0.531	1	A
4,4'-DDE	ND		ug/kg	1.70	0.393	1	A
4,4'-DDD	ND		ug/kg	1.70	0.606	1	A
4,4'-DDT	ND		ug/kg	1.70	1.37	1	A
Endosulfan I	ND		ug/kg	1.70	0.402	1	A
Endosulfan II	ND		ug/kg	1.70	0.568	1	A
Endosulfan sulfate	ND		ug/kg	0.708	0.337	1	A
Methoxychlor	ND		ug/kg	3.19	0.992	1	A
Toxaphene	ND		ug/kg	31.9	8.92	1	A
cis-Chlordane	ND		ug/kg	2.12	0.592	1	B
trans-Chlordane	ND	IP	ug/kg	2.12	0.561	1	B
Chlordane	ND		ug/kg	14.2	5.63	1	A

Project Name: SUN VALLEY
Project Number: 12060 / PHASE 8

Lab Number: L2353060
Report Date: 09/19/23

SAMPLE RESULTS

Lab ID: L2353060-07
Client ID: COMP_B3(0-7)
Sample Location: OSSINING NY

Date Collected: 09/12/23 12:45
Date Received: 09/12/23
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
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Organochlorine Pesticides by GC - Westborough Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	78		30-150	A
Decachlorobiphenyl	90		30-150	A
2,4,5,6-Tetrachloro-m-xylene	87		30-150	B
Decachlorobiphenyl	88		30-150	B

Project Name: SUN VALLEY
Project Number: 12060 / PHASE 8

Lab Number: L2353060
Report Date: 09/19/23

SAMPLE RESULTS

Lab ID: L2353060-07
Client ID: COMP_B3(0-7)
Sample Location: OSSINING NY

Date Collected: 09/12/23 12:45
Date Received: 09/12/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8151A
Analytical Date: 09/14/23 14:05
Analyst: MMG
Percent Solids: 93%
Methylation Date: 09/14/23 09:10

Extraction Method: EPA 8151A
Extraction Date: 09/13/23 13:00

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
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Chlorinated Herbicides by GC - Westborough Lab

2,4-D	ND		ug/kg	175	11.0	1	A
2,4,5-T	ND		ug/kg	175	5.42	1	A
2,4,5-TP (Silvex)	ND		ug/kg	175	4.65	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
DCAA	108		30-150	A
DCAA	108		30-150	B

Project Name: SUN VALLEY
Project Number: 12060 / PHASE 8

Lab Number: L2353060
Report Date: 09/19/23

SAMPLE RESULTS

Lab ID: L2353060-09
Client ID: COMP_C3(0-9)
Sample Location: OSSINING NY

Date Collected: 09/12/23 14:45
Date Received: 09/12/23
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 09/15/23 18:19
Analyst: EJL
Percent Solids: 92%

Extraction Method: EPA 3546
Extraction Date: 09/13/23 16:39
Cleanup Method: EPA 3620B
Cleanup Date: 09/15/23
Cleanup Method: EPA 3660B
Cleanup Date: 09/15/23

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.68	0.330	1	A
Lindane	ND		ug/kg	0.701	0.313	1	A
Alpha-BHC	ND		ug/kg	0.701	0.199	1	A
Beta-BHC	ND		ug/kg	1.68	0.638	1	A
Heptachlor	ND		ug/kg	0.841	0.377	1	A
Aldrin	ND		ug/kg	1.68	0.592	1	A
Heptachlor epoxide	ND		ug/kg	3.16	0.947	1	A
Endrin	ND		ug/kg	0.701	0.288	1	A
Endrin aldehyde	ND		ug/kg	2.10	0.736	1	A
Endrin ketone	ND		ug/kg	1.68	0.433	1	A
Dieldrin	ND		ug/kg	1.05	0.526	1	A
4,4'-DDE	0.569	J	ug/kg	1.68	0.389	1	A
4,4'-DDD	ND		ug/kg	1.68	0.600	1	A
4,4'-DDT	ND		ug/kg	1.68	1.35	1	A
Endosulfan I	ND		ug/kg	1.68	0.398	1	A
Endosulfan II	ND		ug/kg	1.68	0.562	1	A
Endosulfan sulfate	ND		ug/kg	0.701	0.334	1	A
Methoxychlor	ND		ug/kg	3.16	0.982	1	A
Toxaphene	ND		ug/kg	31.6	8.84	1	A
cis-Chlordane	ND	IP	ug/kg	2.10	0.586	1	B
trans-Chlordane	ND	IP	ug/kg	2.10	0.555	1	B
Chlordane	ND		ug/kg	14.0	5.57	1	A

Project Name: SUN VALLEY
Project Number: 12060 / PHASE 8

Lab Number: L2353060
Report Date: 09/19/23

SAMPLE RESULTS

Lab ID: L2353060-09
Client ID: COMP_C3(0-9)
Sample Location: OSSINING NY

Date Collected: 09/12/23 14:45
Date Received: 09/12/23
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
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Organochlorine Pesticides by GC - Westborough Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	68		30-150	A
Decachlorobiphenyl	77		30-150	A
2,4,5,6-Tetrachloro-m-xylene	76		30-150	B
Decachlorobiphenyl	76		30-150	B

Project Name: SUN VALLEY
Project Number: 12060 / PHASE 8

Lab Number: L2353060
Report Date: 09/19/23

SAMPLE RESULTS

Lab ID: L2353060-09
Client ID: COMP_C3(0-9)
Sample Location: OSSINING NY

Date Collected: 09/12/23 14:45
Date Received: 09/12/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8151A
Analytical Date: 09/14/23 14:42
Analyst: MMG
Percent Solids: 92%
Methylation Date: 09/14/23 09:10

Extraction Method: EPA 8151A
Extraction Date: 09/13/23 13:00

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Chlorinated Herbicides by GC - Westborough Lab							
2,4-D	ND		ug/kg	176	11.1	1	A
2,4,5-T	ND		ug/kg	176	5.47	1	A
2,4,5-TP (Silvex)	ND		ug/kg	176	4.69	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
DCAA	102		30-150	A
DCAA	107		30-150	B

Project Name: SUN VALLEY
Project Number: 12060 / PHASE 8

Lab Number: L2353060
Report Date: 09/19/23

SAMPLE RESULTS

Lab ID: L2353060-11
Client ID: COMP_B3(7-15)
Sample Location: OSSINING NY

Date Collected: 09/12/23 13:15
Date Received: 09/12/23
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 09/15/23 18:30
Analyst: EJL
Percent Solids: 90%

Extraction Method: EPA 3546
Extraction Date: 09/13/23 16:39
Cleanup Method: EPA 3620B
Cleanup Date: 09/15/23
Cleanup Method: EPA 3660B
Cleanup Date: 09/15/23

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.75	0.344	1	A
Lindane	ND		ug/kg	0.731	0.327	1	A
Alpha-BHC	ND		ug/kg	0.731	0.208	1	A
Beta-BHC	ND		ug/kg	1.75	0.665	1	A
Heptachlor	ND		ug/kg	0.877	0.393	1	A
Aldrin	ND		ug/kg	1.75	0.618	1	A
Heptachlor epoxide	ND		ug/kg	3.29	0.987	1	A
Endrin	ND		ug/kg	0.731	0.300	1	A
Endrin aldehyde	ND		ug/kg	2.19	0.768	1	A
Endrin ketone	ND		ug/kg	1.75	0.452	1	A
Dieldrin	ND		ug/kg	1.10	0.548	1	A
4,4'-DDE	ND		ug/kg	1.75	0.406	1	A
4,4'-DDD	ND		ug/kg	1.75	0.626	1	A
4,4'-DDT	ND		ug/kg	1.75	1.41	1	A
Endosulfan I	ND		ug/kg	1.75	0.415	1	A
Endosulfan II	ND		ug/kg	1.75	0.586	1	A
Endosulfan sulfate	ND		ug/kg	0.731	0.348	1	A
Methoxychlor	ND		ug/kg	3.29	1.02	1	A
Toxaphene	ND		ug/kg	32.9	9.21	1	A
cis-Chlordane	ND		ug/kg	2.19	0.611	1	A
trans-Chlordane	ND		ug/kg	2.19	0.579	1	A
Chlordane	ND		ug/kg	14.6	5.81	1	A

Project Name: SUN VALLEY
Project Number: 12060 / PHASE 8

Lab Number: L2353060
Report Date: 09/19/23

SAMPLE RESULTS

Lab ID: L2353060-11
Client ID: COMP_B3(7-15)
Sample Location: OSSINING NY

Date Collected: 09/12/23 13:15
Date Received: 09/12/23
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	47		30-150	A
Decachlorobiphenyl	58		30-150	A
2,4,5,6-Tetrachloro-m-xylene	51		30-150	B
Decachlorobiphenyl	55		30-150	B

Project Name: SUN VALLEY
Project Number: 12060 / PHASE 8

Lab Number: L2353060
Report Date: 09/19/23

SAMPLE RESULTS

Lab ID: L2353060-11
Client ID: COMP_B3(7-15)
Sample Location: OSSINING NY

Date Collected: 09/12/23 13:15
Date Received: 09/12/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8151A
Analytical Date: 09/14/23 15:00
Analyst: MMG
Percent Solids: 90%
Methylation Date: 09/14/23 09:10

Extraction Method: EPA 8151A
Extraction Date: 09/13/23 13:00

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
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Chlorinated Herbicides by GC - Westborough Lab

2,4-D	ND		ug/kg	183	11.5	1	A
2,4,5-T	ND		ug/kg	183	5.67	1	A
2,4,5-TP (Silvex)	ND		ug/kg	183	4.86	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
DCAA	98		30-150	A
DCAA	100		30-150	B

Project Name: SUN VALLEY
Project Number: 12060 / PHASE 8

Lab Number: L2353060
Report Date: 09/19/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8151A
Analytical Date: 09/14/23 12:15
Analyst: MMG

Extraction Method: EPA 8151A
Extraction Date: 09/13/23 13:00

Methylation Date: 09/14/23 09:10

Parameter	Result	Qualifier	Units	RL	MDL	Column
Chlorinated Herbicides by GC - Westborough Lab for sample(s): 01,03,05,07,09,11 Batch: WG1827060-1						
2,4-D	ND		ug/kg	163	10.3	A
2,4,5-T	ND		ug/kg	163	5.06	A
2,4,5-TP (Silvex)	ND		ug/kg	163	4.34	A

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
DCAA	102		30-150	A
DCAA	108		30-150	B

Project Name: SUN VALLEY
Project Number: 12060 / PHASE 8

Lab Number: L2353060
Report Date: 09/19/23

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8081B
Analytical Date: 09/15/23 12:54
Analyst: AKM

Extraction Method: EPA 3546
Extraction Date: 09/13/23 16:38
Cleanup Method: EPA 3620B
Cleanup Date: 09/15/23
Cleanup Method: EPA 3660B
Cleanup Date: 09/15/23

Parameter	Result	Qualifier	Units	RL	MDL	Column
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Organochlorine Pesticides by GC - Westborough Lab for sample(s): 01,03,05,07,09,11 Batch: WG1827157-1

Delta-BHC	ND		ug/kg	1.57	0.308	A
Lindane	ND		ug/kg	0.656	0.293	A
Alpha-BHC	ND		ug/kg	0.656	0.186	A
Beta-BHC	ND		ug/kg	1.57	0.597	A
Heptachlor	ND		ug/kg	0.787	0.353	A
Aldrin	ND		ug/kg	1.57	0.554	A
Heptachlor epoxide	ND		ug/kg	2.95	0.885	A
Endrin	ND		ug/kg	0.656	0.269	A
Endrin aldehyde	ND		ug/kg	1.97	0.688	A
Endrin ketone	ND		ug/kg	1.57	0.405	A
Dieldrin	ND		ug/kg	0.984	0.492	A
4,4'-DDE	ND		ug/kg	1.57	0.364	A
4,4'-DDD	ND		ug/kg	1.57	0.561	A
4,4'-DDT	ND		ug/kg	1.57	1.26	A
Endosulfan I	ND		ug/kg	1.57	0.372	A
Endosulfan II	ND		ug/kg	1.57	0.526	A
Endosulfan sulfate	ND		ug/kg	0.656	0.312	A
Methoxychlor	ND		ug/kg	2.95	0.918	A
Toxaphene	ND		ug/kg	29.5	8.26	A
cis-Chlordane	ND		ug/kg	1.97	0.548	A
trans-Chlordane	ND		ug/kg	1.97	0.519	A
Chlordane	ND		ug/kg	13.1	5.21	A

Project Name: SUN VALLEY
Project Number: 12060 / PHASE 8

Lab Number: L2353060
Report Date: 09/19/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8081B
 Analytical Date: 09/15/23 12:54
 Analyst: AKM

Extraction Method: EPA 3546
 Extraction Date: 09/13/23 16:38
 Cleanup Method: EPA 3620B
 Cleanup Date: 09/15/23
 Cleanup Method: EPA 3660B
 Cleanup Date: 09/15/23

Parameter	Result	Qualifier	Units	RL	MDL	Column
Organochlorine Pesticides by GC - Westborough Lab for sample(s): 01,03,05,07,09,11 Batch: WG1827157-1						

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	68		30-150	A
Decachlorobiphenyl	76		30-150	A
2,4,5,6-Tetrachloro-m-xylene	75		30-150	B
Decachlorobiphenyl	73		30-150	B

Lab Control Sample Analysis

Batch Quality Control

Project Name: SUN VALLEY
Project Number: 12060 / PHASE 8

Lab Number: L2353060
Report Date: 09/19/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Chlorinated Herbicides by GC - Westborough Lab Associated sample(s): 01,03,05,07,09,11 Batch: WG1827060-2 WG1827060-3									
2,4-D	97		113		30-150	15		30	A
2,4,5-T	108		123		30-150	13		30	A
2,4,5-TP (Silvex)	101		117		30-150	15		30	A

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
DCAA	94		105		30-150	A
DCAA	105		133		30-150	B

Lab Control Sample Analysis

Batch Quality Control

Project Name: SUN VALLEY
Project Number: 12060 / PHASE 8

Lab Number: L2353060
Report Date: 09/19/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 01,03,05,07,09,11 Batch: WG1827157-2 WG1827157-3									
Delta-BHC	80		88		30-150	10		30	A
Lindane	72		80		30-150	11		30	A
Alpha-BHC	71		79		30-150	11		30	A
Beta-BHC	77		79		30-150	3		30	A
Heptachlor	70		78		30-150	11		30	A
Aldrin	71		80		30-150	12		30	A
Heptachlor epoxide	73		80		30-150	9		30	A
Endrin	76		84		30-150	10		30	A
Endrin aldehyde	64		72		30-150	12		30	A
Endrin ketone	81		89		30-150	9		30	A
Dieldrin	82		90		30-150	9		30	A
4,4'-DDE	76		84		30-150	10		30	A
4,4'-DDD	81		89		30-150	9		30	A
4,4'-DDT	79		88		30-150	11		30	A
Endosulfan I	71		77		30-150	8		30	A
Endosulfan II	76		84		30-150	10		30	A
Endosulfan sulfate	76		84		30-150	10		30	A
Methoxychlor	76		82		30-150	8		30	A
cis-Chlordane	70		78		30-150	11		30	A
trans-Chlordane	79		87		30-150	10		30	A

Lab Control Sample Analysis

Batch Quality Control

Project Name: SUN VALLEY
Project Number: 12060 / PHASE 8

Lab Number: L2353060
Report Date: 09/19/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
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Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 01,03,05,07,09,11 Batch: WG1827157-2 WG1827157-3

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	59		66		30-150	A
Decachlorobiphenyl	69		76		30-150	A
2,4,5,6-Tetrachloro-m-xylene	67		73		30-150	B
Decachlorobiphenyl	65		73		30-150	B

METALS

Project Name: SUN VALLEY
Project Number: 12060 / PHASE 8

Lab Number: L2353060
Report Date: 09/19/23

SAMPLE RESULTS

Lab ID: L2353060-01
 Client ID: COMP_A3(0-7)
 Sample Location: OSSINING NY

Date Collected: 09/12/23 11:15
 Date Received: 09/12/23
 Field Prep: Not Specified

Sample Depth:

TCLP/SPLP Ext. Date: 09/13/23 17:36

Matrix: Soil
 Percent Solids: 92%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
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TCLP Metals by EPA 1311 - Mansfield Lab

Arsenic, TCLP	ND		mg/l	1.00	0.0190	1	09/15/23 20:36	09/16/23 10:21	EPA 3015	1,6010D	JMF
Barium, TCLP	0.593		mg/l	0.500	0.0210	1	09/15/23 20:36	09/16/23 10:21	EPA 3015	1,6010D	JMF
Cadmium, TCLP	ND		mg/l	0.100	0.0100	1	09/15/23 20:36	09/16/23 10:21	EPA 3015	1,6010D	JMF
Chromium, TCLP	ND		mg/l	0.200	0.0210	1	09/15/23 20:36	09/16/23 10:21	EPA 3015	1,6010D	JMF
Lead, TCLP	ND		mg/l	0.500	0.0270	1	09/15/23 20:36	09/16/23 10:21	EPA 3015	1,6010D	JMF
Mercury, TCLP	ND		mg/l	0.0010	0.0005	1	09/15/23 16:35	09/18/23 16:39	EPA 7470A	1,7470A	MJR
Selenium, TCLP	ND		mg/l	0.500	0.0350	1	09/15/23 20:36	09/16/23 10:21	EPA 3015	1,6010D	JMF
Silver, TCLP	ND		mg/l	0.100	0.0280	1	09/15/23 20:36	09/16/23 10:21	EPA 3015	1,6010D	JMF



Project Name: SUN VALLEY
Project Number: 12060 / PHASE 8

Lab Number: L2353060
Report Date: 09/19/23

SAMPLE RESULTS

Lab ID: L2353060-01
 Client ID: COMP_A3(0-7)
 Sample Location: OSSINING NY

Date Collected: 09/12/23 11:15
 Date Received: 09/12/23
 Field Prep: Not Specified

Sample Depth:
 Matrix: Soil
 Percent Solids: 92%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	9690		mg/kg	8.65	2.34	2	09/13/23 21:10	09/14/23 09:46	EPA 3050B	1,6010D	DMB
Antimony, Total	0.642	J	mg/kg	4.32	0.329	2	09/13/23 21:10	09/14/23 09:46	EPA 3050B	1,6010D	DMB
Arsenic, Total	1.92		mg/kg	0.865	0.180	2	09/13/23 21:10	09/14/23 09:46	EPA 3050B	1,6010D	DMB
Barium, Total	118		mg/kg	0.865	0.150	2	09/13/23 21:10	09/14/23 09:46	EPA 3050B	1,6010D	DMB
Beryllium, Total	0.109	J	mg/kg	0.432	0.029	2	09/13/23 21:10	09/14/23 09:46	EPA 3050B	1,6010D	DMB
Cadmium, Total	ND		mg/kg	0.865	0.085	2	09/13/23 21:10	09/14/23 09:46	EPA 3050B	1,6010D	DMB
Calcium, Total	5020		mg/kg	8.65	3.03	2	09/13/23 21:10	09/14/23 09:46	EPA 3050B	1,6010D	DMB
Chromium, Total	19.1		mg/kg	0.865	0.083	2	09/13/23 21:10	09/14/23 09:46	EPA 3050B	1,6010D	DMB
Cobalt, Total	8.57		mg/kg	1.73	0.144	2	09/13/23 21:10	09/14/23 09:46	EPA 3050B	1,6010D	DMB
Copper, Total	14.9		mg/kg	0.865	0.223	2	09/13/23 21:10	09/14/23 09:46	EPA 3050B	1,6010D	DMB
Iron, Total	18000		mg/kg	4.32	0.781	2	09/13/23 21:10	09/14/23 09:46	EPA 3050B	1,6010D	DMB
Lead, Total	4.90		mg/kg	4.32	0.232	2	09/13/23 21:10	09/14/23 09:46	EPA 3050B	1,6010D	DMB
Magnesium, Total	5720		mg/kg	8.65	1.33	2	09/13/23 21:10	09/14/23 09:46	EPA 3050B	1,6010D	DMB
Manganese, Total	232		mg/kg	0.865	0.138	2	09/13/23 21:10	09/14/23 09:46	EPA 3050B	1,6010D	DMB
Mercury, Total	ND		mg/kg	0.079	0.052	1	09/13/23 22:45	09/16/23 15:38	EPA 7471B	1,7471B	GMG
Nickel, Total	15.6		mg/kg	2.16	0.209	2	09/13/23 21:10	09/14/23 09:46	EPA 3050B	1,6010D	DMB
Potassium, Total	4680		mg/kg	216	12.4	2	09/13/23 21:10	09/14/23 09:46	EPA 3050B	1,6010D	DMB
Selenium, Total	ND		mg/kg	1.73	0.223	2	09/13/23 21:10	09/14/23 09:46	EPA 3050B	1,6010D	DMB
Silver, Total	ND		mg/kg	0.432	0.245	2	09/13/23 21:10	09/14/23 09:46	EPA 3050B	1,6010D	DMB
Sodium, Total	111	J	mg/kg	173	2.72	2	09/13/23 21:10	09/14/23 09:46	EPA 3050B	1,6010D	DMB
Thallium, Total	1.16	J	mg/kg	1.73	0.272	2	09/13/23 21:10	09/14/23 09:46	EPA 3050B	1,6010D	DMB
Vanadium, Total	24.7		mg/kg	0.865	0.176	2	09/13/23 21:10	09/14/23 09:46	EPA 3050B	1,6010D	DMB
Zinc, Total	46.0		mg/kg	4.32	0.253	2	09/13/23 21:10	09/14/23 09:46	EPA 3050B	1,6010D	DMB



Project Name: SUN VALLEY
Project Number: 12060 / PHASE 8

Lab Number: L2353060
Report Date: 09/19/23

SAMPLE RESULTS

Lab ID: L2353060-03
 Client ID: COMP_A3(7-14)
 Sample Location: OSSINING NY

Date Collected: 09/12/23 11:30
 Date Received: 09/12/23
 Field Prep: Not Specified

Sample Depth:
 Matrix: Soil
 Percent Solids: 95%

TCLP/SPLP Ext. Date: 09/13/23 17:36

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
TCLP Metals by EPA 1311 - Mansfield Lab											
Arsenic, TCLP	ND		mg/l	1.00	0.0190	1	09/15/23 20:36	09/16/23 10:13	EPA 3015	1,6010D	JMF
Barium, TCLP	0.656		mg/l	0.500	0.0210	1	09/15/23 20:36	09/16/23 10:13	EPA 3015	1,6010D	JMF
Cadmium, TCLP	ND		mg/l	0.100	0.0100	1	09/15/23 20:36	09/16/23 10:13	EPA 3015	1,6010D	JMF
Chromium, TCLP	ND		mg/l	0.200	0.0210	1	09/15/23 20:36	09/16/23 10:13	EPA 3015	1,6010D	JMF
Lead, TCLP	ND		mg/l	0.500	0.0270	1	09/15/23 20:36	09/16/23 10:13	EPA 3015	1,6010D	JMF
Mercury, TCLP	ND		mg/l	0.0010	0.0005	1	09/15/23 16:35	09/18/23 16:57	EPA 7470A	1,7470A	MJR
Selenium, TCLP	ND		mg/l	0.500	0.0350	1	09/15/23 20:36	09/16/23 10:13	EPA 3015	1,6010D	JMF
Silver, TCLP	ND		mg/l	0.100	0.0280	1	09/15/23 20:36	09/16/23 10:13	EPA 3015	1,6010D	JMF



Project Name: SUN VALLEY
Project Number: 12060 / PHASE 8

Lab Number: L2353060
Report Date: 09/19/23

SAMPLE RESULTS

Lab ID: L2353060-03
 Client ID: COMP_A3(7-14)
 Sample Location: OSSINING NY

Date Collected: 09/12/23 11:30
 Date Received: 09/12/23
 Field Prep: Not Specified

Sample Depth:
 Matrix: Soil
 Percent Solids: 95%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	10600		mg/kg	8.26	2.23	2	09/13/23 21:10	09/14/23 09:51	EPA 3050B	1,6010D	DMB
Antimony, Total	0.706	J	mg/kg	4.13	0.314	2	09/13/23 21:10	09/14/23 09:51	EPA 3050B	1,6010D	DMB
Arsenic, Total	1.39		mg/kg	0.826	0.172	2	09/13/23 21:10	09/14/23 09:51	EPA 3050B	1,6010D	DMB
Barium, Total	126		mg/kg	0.826	0.144	2	09/13/23 21:10	09/14/23 09:51	EPA 3050B	1,6010D	DMB
Beryllium, Total	0.058	J	mg/kg	0.413	0.027	2	09/13/23 21:10	09/14/23 09:51	EPA 3050B	1,6010D	DMB
Cadmium, Total	ND		mg/kg	0.826	0.081	2	09/13/23 21:10	09/14/23 09:51	EPA 3050B	1,6010D	DMB
Calcium, Total	7630		mg/kg	8.26	2.89	2	09/13/23 21:10	09/14/23 09:51	EPA 3050B	1,6010D	DMB
Chromium, Total	19.2		mg/kg	0.826	0.079	2	09/13/23 21:10	09/14/23 09:51	EPA 3050B	1,6010D	DMB
Cobalt, Total	9.25		mg/kg	1.65	0.137	2	09/13/23 21:10	09/14/23 09:51	EPA 3050B	1,6010D	DMB
Copper, Total	15.3		mg/kg	0.826	0.213	2	09/13/23 21:10	09/14/23 09:51	EPA 3050B	1,6010D	DMB
Iron, Total	19900		mg/kg	4.13	0.746	2	09/13/23 21:10	09/14/23 09:51	EPA 3050B	1,6010D	DMB
Lead, Total	4.58		mg/kg	4.13	0.221	2	09/13/23 21:10	09/14/23 09:51	EPA 3050B	1,6010D	DMB
Magnesium, Total	7100		mg/kg	8.26	1.27	2	09/13/23 21:10	09/14/23 09:51	EPA 3050B	1,6010D	DMB
Manganese, Total	274		mg/kg	0.826	0.131	2	09/13/23 21:10	09/14/23 09:51	EPA 3050B	1,6010D	DMB
Mercury, Total	ND		mg/kg	0.074	0.048	1	09/13/23 22:45	09/16/23 15:41	EPA 7471B	1,7471B	GMG
Nickel, Total	15.9		mg/kg	2.06	0.200	2	09/13/23 21:10	09/14/23 09:51	EPA 3050B	1,6010D	DMB
Potassium, Total	5700		mg/kg	206	11.9	2	09/13/23 21:10	09/14/23 09:51	EPA 3050B	1,6010D	DMB
Selenium, Total	ND		mg/kg	1.65	0.213	2	09/13/23 21:10	09/14/23 09:51	EPA 3050B	1,6010D	DMB
Silver, Total	ND		mg/kg	0.413	0.234	2	09/13/23 21:10	09/14/23 09:51	EPA 3050B	1,6010D	DMB
Sodium, Total	107	J	mg/kg	165	2.60	2	09/13/23 21:10	09/14/23 09:51	EPA 3050B	1,6010D	DMB
Thallium, Total	1.34	J	mg/kg	1.65	0.260	2	09/13/23 21:10	09/14/23 09:51	EPA 3050B	1,6010D	DMB
Vanadium, Total	31.6		mg/kg	0.826	0.168	2	09/13/23 21:10	09/14/23 09:51	EPA 3050B	1,6010D	DMB
Zinc, Total	50.5		mg/kg	4.13	0.242	2	09/13/23 21:10	09/14/23 09:51	EPA 3050B	1,6010D	DMB



Project Name: SUN VALLEY
Project Number: 12060 / PHASE 8

Lab Number: L2353060
Report Date: 09/19/23

SAMPLE RESULTS

Lab ID: L2353060-05
 Client ID: COMP_A3(14-25)
 Sample Location: OSSINING NY

Date Collected: 09/12/23 11:45
 Date Received: 09/12/23
 Field Prep: Not Specified

Sample Depth:

TCLP/SPLP Ext. Date: 09/13/23 17:36

Matrix: Soil
 Percent Solids: 78%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
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TCLP Metals by EPA 1311 - Mansfield Lab

Arsenic, TCLP	ND		mg/l	1.00	0.0190	1	09/15/23 20:39	09/16/23 10:16	EPA 3015	1,6010D	JMF
Barium, TCLP	0.660		mg/l	0.500	0.0210	1	09/15/23 20:39	09/16/23 10:16	EPA 3015	1,6010D	JMF
Cadmium, TCLP	ND		mg/l	0.100	0.0100	1	09/15/23 20:39	09/16/23 10:16	EPA 3015	1,6010D	JMF
Chromium, TCLP	ND		mg/l	0.200	0.0210	1	09/15/23 20:39	09/16/23 10:16	EPA 3015	1,6010D	JMF
Lead, TCLP	ND		mg/l	0.500	0.0270	1	09/15/23 20:39	09/16/23 10:16	EPA 3015	1,6010D	JMF
Mercury, TCLP	ND		mg/l	0.0010	0.0005	1	09/15/23 16:35	09/18/23 17:00	EPA 7470A	1,7470A	MJR
Selenium, TCLP	ND		mg/l	0.500	0.0350	1	09/15/23 20:39	09/16/23 10:16	EPA 3015	1,6010D	JMF
Silver, TCLP	ND		mg/l	0.100	0.0280	1	09/15/23 20:39	09/16/23 10:16	EPA 3015	1,6010D	JMF



Project Name: SUN VALLEY
Project Number: 12060 / PHASE 8

Lab Number: L2353060
Report Date: 09/19/23

SAMPLE RESULTS

Lab ID: L2353060-05
 Client ID: COMP_A3(14-25)
 Sample Location: OSSINING NY

Date Collected: 09/12/23 11:45
 Date Received: 09/12/23
 Field Prep: Not Specified

Sample Depth:
 Matrix: Soil
 Percent Solids: 78%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	12000		mg/kg	9.84	2.66	2	09/13/23 21:10	09/14/23 09:56	EPA 3050B	1,6010D	DMB
Antimony, Total	0.802	J	mg/kg	4.92	0.374	2	09/13/23 21:10	09/14/23 09:56	EPA 3050B	1,6010D	DMB
Arsenic, Total	1.64		mg/kg	0.984	0.205	2	09/13/23 21:10	09/14/23 09:56	EPA 3050B	1,6010D	DMB
Barium, Total	148		mg/kg	0.984	0.171	2	09/13/23 21:10	09/14/23 09:56	EPA 3050B	1,6010D	DMB
Beryllium, Total	0.130	J	mg/kg	0.492	0.033	2	09/13/23 21:10	09/14/23 09:56	EPA 3050B	1,6010D	DMB
Cadmium, Total	ND		mg/kg	0.984	0.097	2	09/13/23 21:10	09/14/23 09:56	EPA 3050B	1,6010D	DMB
Calcium, Total	7360		mg/kg	9.84	3.44	2	09/13/23 21:10	09/14/23 09:56	EPA 3050B	1,6010D	DMB
Chromium, Total	30.7		mg/kg	0.984	0.095	2	09/13/23 21:10	09/14/23 09:56	EPA 3050B	1,6010D	DMB
Cobalt, Total	9.51		mg/kg	1.97	0.163	2	09/13/23 21:10	09/14/23 09:56	EPA 3050B	1,6010D	DMB
Copper, Total	18.1		mg/kg	0.984	0.254	2	09/13/23 21:10	09/14/23 09:56	EPA 3050B	1,6010D	DMB
Iron, Total	22300		mg/kg	4.92	0.889	2	09/13/23 21:10	09/14/23 09:56	EPA 3050B	1,6010D	DMB
Lead, Total	5.24		mg/kg	4.92	0.264	2	09/13/23 21:10	09/14/23 09:56	EPA 3050B	1,6010D	DMB
Magnesium, Total	7550		mg/kg	9.84	1.52	2	09/13/23 21:10	09/14/23 09:56	EPA 3050B	1,6010D	DMB
Manganese, Total	246		mg/kg	0.984	0.156	2	09/13/23 21:10	09/14/23 09:56	EPA 3050B	1,6010D	DMB
Mercury, Total	ND		mg/kg	0.084	0.054	1	09/13/23 22:45	09/16/23 15:44	EPA 7471B	1,7471B	GMG
Nickel, Total	19.3		mg/kg	2.46	0.238	2	09/13/23 21:10	09/14/23 09:56	EPA 3050B	1,6010D	DMB
Potassium, Total	6390		mg/kg	246	14.2	2	09/13/23 21:10	09/14/23 09:56	EPA 3050B	1,6010D	DMB
Selenium, Total	ND		mg/kg	1.97	0.254	2	09/13/23 21:10	09/14/23 09:56	EPA 3050B	1,6010D	DMB
Silver, Total	ND		mg/kg	0.492	0.278	2	09/13/23 21:10	09/14/23 09:56	EPA 3050B	1,6010D	DMB
Sodium, Total	134	J	mg/kg	197	3.10	2	09/13/23 21:10	09/14/23 09:56	EPA 3050B	1,6010D	DMB
Thallium, Total	1.50	J	mg/kg	1.97	0.310	2	09/13/23 21:10	09/14/23 09:56	EPA 3050B	1,6010D	DMB
Vanadium, Total	30.8		mg/kg	0.984	0.200	2	09/13/23 21:10	09/14/23 09:56	EPA 3050B	1,6010D	DMB
Zinc, Total	56.6		mg/kg	4.92	0.288	2	09/13/23 21:10	09/14/23 09:56	EPA 3050B	1,6010D	DMB



Project Name: SUN VALLEY
Project Number: 12060 / PHASE 8

Lab Number: L2353060
Report Date: 09/19/23

SAMPLE RESULTS

Lab ID: L2353060-07
 Client ID: COMP_B3(0-7)
 Sample Location: OSSINING NY

Date Collected: 09/12/23 12:45
 Date Received: 09/12/23
 Field Prep: Not Specified

Sample Depth:

TCLP/SPLP Ext. Date: 09/13/23 17:36

Matrix: Soil
 Percent Solids: 93%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
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TCLP Metals by EPA 1311 - Mansfield Lab

Arsenic, TCLP	ND		mg/l	1.00	0.0190	1	09/15/23 20:39	09/16/23 10:19	EPA 3015	1,6010D	JMF
Barium, TCLP	0.779		mg/l	0.500	0.0210	1	09/15/23 20:39	09/16/23 10:19	EPA 3015	1,6010D	JMF
Cadmium, TCLP	ND		mg/l	0.100	0.0100	1	09/15/23 20:39	09/16/23 10:19	EPA 3015	1,6010D	JMF
Chromium, TCLP	ND		mg/l	0.200	0.0210	1	09/15/23 20:39	09/16/23 10:19	EPA 3015	1,6010D	JMF
Lead, TCLP	ND		mg/l	0.500	0.0270	1	09/15/23 20:39	09/16/23 10:19	EPA 3015	1,6010D	JMF
Mercury, TCLP	ND		mg/l	0.0010	0.0005	1	09/15/23 16:35	09/18/23 17:03	EPA 7470A	1,7470A	MJR
Selenium, TCLP	ND		mg/l	0.500	0.0350	1	09/15/23 20:39	09/16/23 10:19	EPA 3015	1,6010D	JMF
Silver, TCLP	ND		mg/l	0.100	0.0280	1	09/15/23 20:39	09/16/23 10:19	EPA 3015	1,6010D	JMF



Project Name: SUN VALLEY
Project Number: 12060 / PHASE 8

Lab Number: L2353060
Report Date: 09/19/23

SAMPLE RESULTS

Lab ID: L2353060-07
 Client ID: COMP_B3(0-7)
 Sample Location: OSSINING NY

Date Collected: 09/12/23 12:45
 Date Received: 09/12/23
 Field Prep: Not Specified

Sample Depth:
 Matrix: Soil
 Percent Solids: 93%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	9060		mg/kg	8.46	2.28	2	09/13/23 21:10	09/14/23 10:33	EPA 3050B	1,6010D	DMB
Antimony, Total	0.543	J	mg/kg	4.23	0.322	2	09/13/23 21:10	09/14/23 10:33	EPA 3050B	1,6010D	DMB
Arsenic, Total	1.50		mg/kg	0.846	0.176	2	09/13/23 21:10	09/14/23 10:33	EPA 3050B	1,6010D	DMB
Barium, Total	109		mg/kg	0.846	0.147	2	09/13/23 21:10	09/14/23 10:33	EPA 3050B	1,6010D	DMB
Beryllium, Total	0.131	J	mg/kg	0.423	0.028	2	09/13/23 21:10	09/14/23 10:33	EPA 3050B	1,6010D	DMB
Cadmium, Total	ND		mg/kg	0.846	0.083	2	09/13/23 21:10	09/14/23 10:33	EPA 3050B	1,6010D	DMB
Calcium, Total	8040		mg/kg	8.46	2.96	2	09/13/23 21:10	09/14/23 10:33	EPA 3050B	1,6010D	DMB
Chromium, Total	17.0		mg/kg	0.846	0.081	2	09/13/23 21:10	09/14/23 10:33	EPA 3050B	1,6010D	DMB
Cobalt, Total	7.73		mg/kg	1.69	0.140	2	09/13/23 21:10	09/14/23 10:33	EPA 3050B	1,6010D	DMB
Copper, Total	14.4		mg/kg	0.846	0.218	2	09/13/23 21:10	09/14/23 10:33	EPA 3050B	1,6010D	DMB
Iron, Total	17000		mg/kg	4.23	0.764	2	09/13/23 21:10	09/14/23 10:33	EPA 3050B	1,6010D	DMB
Lead, Total	5.01		mg/kg	4.23	0.227	2	09/13/23 21:10	09/14/23 10:33	EPA 3050B	1,6010D	DMB
Magnesium, Total	6090		mg/kg	8.46	1.30	2	09/13/23 21:10	09/14/23 10:33	EPA 3050B	1,6010D	DMB
Manganese, Total	236		mg/kg	0.846	0.134	2	09/13/23 21:10	09/14/23 10:33	EPA 3050B	1,6010D	DMB
Mercury, Total	ND		mg/kg	0.068	0.045	1	09/13/23 22:45	09/16/23 15:48	EPA 7471B	1,7471B	GMG
Nickel, Total	14.9		mg/kg	2.12	0.205	2	09/13/23 21:10	09/14/23 10:33	EPA 3050B	1,6010D	DMB
Potassium, Total	4620		mg/kg	212	12.2	2	09/13/23 21:10	09/14/23 10:33	EPA 3050B	1,6010D	DMB
Selenium, Total	ND		mg/kg	1.69	0.218	2	09/13/23 21:10	09/14/23 10:33	EPA 3050B	1,6010D	DMB
Silver, Total	ND		mg/kg	0.423	0.239	2	09/13/23 21:10	09/14/23 10:33	EPA 3050B	1,6010D	DMB
Sodium, Total	96.4	J	mg/kg	169	2.66	2	09/13/23 21:10	09/14/23 10:33	EPA 3050B	1,6010D	DMB
Thallium, Total	1.10	J	mg/kg	1.69	0.266	2	09/13/23 21:10	09/14/23 10:33	EPA 3050B	1,6010D	DMB
Vanadium, Total	22.6		mg/kg	0.846	0.172	2	09/13/23 21:10	09/14/23 10:33	EPA 3050B	1,6010D	DMB
Zinc, Total	42.0		mg/kg	4.23	0.248	2	09/13/23 21:10	09/14/23 10:33	EPA 3050B	1,6010D	DMB



Project Name: SUN VALLEY
Project Number: 12060 / PHASE 8

Lab Number: L2353060
Report Date: 09/19/23

SAMPLE RESULTS

Lab ID: L2353060-09
 Client ID: COMP_C3(0-9)
 Sample Location: OSSINING NY

Date Collected: 09/12/23 14:45
 Date Received: 09/12/23
 Field Prep: Not Specified

Sample Depth:
 Matrix: Soil
 Percent Solids: 92%

TCLP/SPLP Ext. Date: 09/13/23 17:36

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
TCLP Metals by EPA 1311 - Mansfield Lab											
Arsenic, TCLP	ND		mg/l	1.00	0.0190	1	09/15/23 20:39	09/16/23 11:08	EPA 3015	1,6010D	JMF
Barium, TCLP	0.934		mg/l	0.500	0.0210	1	09/15/23 20:39	09/16/23 11:08	EPA 3015	1,6010D	JMF
Cadmium, TCLP	ND		mg/l	0.100	0.0100	1	09/15/23 20:39	09/16/23 11:08	EPA 3015	1,6010D	JMF
Chromium, TCLP	ND		mg/l	0.200	0.0210	1	09/15/23 20:39	09/16/23 11:08	EPA 3015	1,6010D	JMF
Lead, TCLP	ND		mg/l	0.500	0.0270	1	09/15/23 20:39	09/16/23 11:08	EPA 3015	1,6010D	JMF
Mercury, TCLP	ND		mg/l	0.0010	0.0005	1	09/15/23 16:35	09/18/23 17:06	EPA 7470A	1,7470A	MJR
Selenium, TCLP	ND		mg/l	0.500	0.0350	1	09/15/23 20:39	09/16/23 11:08	EPA 3015	1,6010D	JMF
Silver, TCLP	ND		mg/l	0.100	0.0280	1	09/15/23 20:39	09/16/23 11:08	EPA 3015	1,6010D	JMF



Project Name: SUN VALLEY
Project Number: 12060 / PHASE 8

Lab Number: L2353060
Report Date: 09/19/23

SAMPLE RESULTS

Lab ID: L2353060-09
 Client ID: COMP_C3(0-9)
 Sample Location: OSSINING NY

Date Collected: 09/12/23 14:45
 Date Received: 09/12/23
 Field Prep: Not Specified

Sample Depth:
 Matrix: Soil
 Percent Solids: 92%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	11600		mg/kg	8.38	2.26	2	09/13/23 21:10	09/14/23 10:38	EPA 3050B	1,6010D	DMB
Antimony, Total	0.748	J	mg/kg	4.19	0.319	2	09/13/23 21:10	09/14/23 10:38	EPA 3050B	1,6010D	DMB
Arsenic, Total	2.34		mg/kg	0.838	0.174	2	09/13/23 21:10	09/14/23 10:38	EPA 3050B	1,6010D	DMB
Barium, Total	129		mg/kg	0.838	0.146	2	09/13/23 21:10	09/14/23 10:38	EPA 3050B	1,6010D	DMB
Beryllium, Total	0.170	J	mg/kg	0.419	0.028	2	09/13/23 21:10	09/14/23 10:38	EPA 3050B	1,6010D	DMB
Cadmium, Total	ND		mg/kg	0.838	0.082	2	09/13/23 21:10	09/14/23 10:38	EPA 3050B	1,6010D	DMB
Calcium, Total	11500		mg/kg	8.38	2.93	2	09/13/23 21:10	09/14/23 10:38	EPA 3050B	1,6010D	DMB
Chromium, Total	22.4		mg/kg	0.838	0.081	2	09/13/23 21:10	09/14/23 10:38	EPA 3050B	1,6010D	DMB
Cobalt, Total	9.82		mg/kg	1.68	0.139	2	09/13/23 21:10	09/14/23 10:38	EPA 3050B	1,6010D	DMB
Copper, Total	17.4		mg/kg	0.838	0.216	2	09/13/23 21:10	09/14/23 10:38	EPA 3050B	1,6010D	DMB
Iron, Total	20700		mg/kg	4.19	0.757	2	09/13/23 21:10	09/14/23 10:38	EPA 3050B	1,6010D	DMB
Lead, Total	7.03		mg/kg	4.19	0.225	2	09/13/23 21:10	09/14/23 10:38	EPA 3050B	1,6010D	DMB
Magnesium, Total	9540		mg/kg	8.38	1.29	2	09/13/23 21:10	09/14/23 10:38	EPA 3050B	1,6010D	DMB
Manganese, Total	270		mg/kg	0.838	0.133	2	09/13/23 21:10	09/14/23 10:38	EPA 3050B	1,6010D	DMB
Mercury, Total	ND		mg/kg	0.074	0.048	1	09/13/23 22:45	09/16/23 15:51	EPA 7471B	1,7471B	GMG
Nickel, Total	20.1		mg/kg	2.10	0.203	2	09/13/23 21:10	09/14/23 10:38	EPA 3050B	1,6010D	DMB
Potassium, Total	5790		mg/kg	210	12.1	2	09/13/23 21:10	09/14/23 10:38	EPA 3050B	1,6010D	DMB
Selenium, Total	ND		mg/kg	1.68	0.216	2	09/13/23 21:10	09/14/23 10:38	EPA 3050B	1,6010D	DMB
Silver, Total	ND		mg/kg	0.419	0.237	2	09/13/23 21:10	09/14/23 10:38	EPA 3050B	1,6010D	DMB
Sodium, Total	101	J	mg/kg	168	2.64	2	09/13/23 21:10	09/14/23 10:38	EPA 3050B	1,6010D	DMB
Thallium, Total	1.39	J	mg/kg	1.68	0.264	2	09/13/23 21:10	09/14/23 10:38	EPA 3050B	1,6010D	DMB
Vanadium, Total	29.8		mg/kg	0.838	0.170	2	09/13/23 21:10	09/14/23 10:38	EPA 3050B	1,6010D	DMB
Zinc, Total	58.9		mg/kg	4.19	0.246	2	09/13/23 21:10	09/14/23 10:38	EPA 3050B	1,6010D	DMB



Project Name: SUN VALLEY
Project Number: 12060 / PHASE 8

Lab Number: L2353060
Report Date: 09/19/23

SAMPLE RESULTS

Lab ID: L2353060-11
 Client ID: COMP_B3(7-15)
 Sample Location: OSSINING NY

Date Collected: 09/12/23 13:15
 Date Received: 09/12/23
 Field Prep: Not Specified

Sample Depth:
 Matrix: Soil
 Percent Solids: 90%

TCLP/SPLP Ext. Date: 09/13/23 17:36

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
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TCLP Metals by EPA 1311 - Mansfield Lab

Arsenic, TCLP	ND		mg/l	1.00	0.0190	1	09/15/23 20:39	09/16/23 11:11	EPA 3015	1,6010D	JMF
Barium, TCLP	0.909		mg/l	0.500	0.0210	1	09/15/23 20:39	09/16/23 11:11	EPA 3015	1,6010D	JMF
Cadmium, TCLP	ND		mg/l	0.100	0.0100	1	09/15/23 20:39	09/16/23 11:11	EPA 3015	1,6010D	JMF
Chromium, TCLP	ND		mg/l	0.200	0.0210	1	09/15/23 20:39	09/16/23 11:11	EPA 3015	1,6010D	JMF
Lead, TCLP	ND		mg/l	0.500	0.0270	1	09/15/23 20:39	09/16/23 11:11	EPA 3015	1,6010D	JMF
Mercury, TCLP	ND		mg/l	0.0010	0.0005	1	09/15/23 16:35	09/18/23 17:10	EPA 7470A	1,7470A	MJR
Selenium, TCLP	ND		mg/l	0.500	0.0350	1	09/15/23 20:39	09/16/23 11:11	EPA 3015	1,6010D	JMF
Silver, TCLP	ND		mg/l	0.100	0.0280	1	09/15/23 20:39	09/16/23 11:11	EPA 3015	1,6010D	JMF



Project Name: SUN VALLEY
Project Number: 12060 / PHASE 8

Lab Number: L2353060
Report Date: 09/19/23

SAMPLE RESULTS

Lab ID: L2353060-11
 Client ID: COMP_B3(7-15)
 Sample Location: OSSINING NY

Date Collected: 09/12/23 13:15
 Date Received: 09/12/23
 Field Prep: Not Specified

Sample Depth:
 Matrix: Soil
 Percent Solids: 90%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	11200		mg/kg	8.67	2.34	2	09/13/23 21:10	09/14/23 10:43	EPA 3050B	1,6010D	DMB
Antimony, Total	0.952	J	mg/kg	4.34	0.330	2	09/13/23 21:10	09/14/23 10:43	EPA 3050B	1,6010D	DMB
Arsenic, Total	1.72		mg/kg	0.867	0.180	2	09/13/23 21:10	09/14/23 10:43	EPA 3050B	1,6010D	DMB
Barium, Total	138		mg/kg	0.867	0.151	2	09/13/23 21:10	09/14/23 10:43	EPA 3050B	1,6010D	DMB
Beryllium, Total	0.122	J	mg/kg	0.434	0.029	2	09/13/23 21:10	09/14/23 10:43	EPA 3050B	1,6010D	DMB
Cadmium, Total	ND		mg/kg	0.867	0.085	2	09/13/23 21:10	09/14/23 10:43	EPA 3050B	1,6010D	DMB
Calcium, Total	10400		mg/kg	8.67	3.04	2	09/13/23 21:10	09/14/23 10:43	EPA 3050B	1,6010D	DMB
Chromium, Total	21.4		mg/kg	0.867	0.083	2	09/13/23 21:10	09/14/23 10:43	EPA 3050B	1,6010D	DMB
Cobalt, Total	9.92		mg/kg	1.73	0.144	2	09/13/23 21:10	09/14/23 10:43	EPA 3050B	1,6010D	DMB
Copper, Total	18.4		mg/kg	0.867	0.224	2	09/13/23 21:10	09/14/23 10:43	EPA 3050B	1,6010D	DMB
Iron, Total	20700		mg/kg	4.34	0.783	2	09/13/23 21:10	09/14/23 10:43	EPA 3050B	1,6010D	DMB
Lead, Total	5.38		mg/kg	4.34	0.232	2	09/13/23 21:10	09/14/23 10:43	EPA 3050B	1,6010D	DMB
Magnesium, Total	9150		mg/kg	8.67	1.34	2	09/13/23 21:10	09/14/23 10:43	EPA 3050B	1,6010D	DMB
Manganese, Total	241		mg/kg	0.867	0.138	2	09/13/23 21:10	09/14/23 10:43	EPA 3050B	1,6010D	DMB
Mercury, Total	ND		mg/kg	0.076	0.049	1	09/13/23 22:45	09/16/23 16:01	EPA 7471B	1,7471B	GMG
Nickel, Total	18.6		mg/kg	2.17	0.210	2	09/13/23 21:10	09/14/23 10:43	EPA 3050B	1,6010D	DMB
Potassium, Total	5900		mg/kg	217	12.5	2	09/13/23 21:10	09/14/23 10:43	EPA 3050B	1,6010D	DMB
Selenium, Total	ND		mg/kg	1.73	0.224	2	09/13/23 21:10	09/14/23 10:43	EPA 3050B	1,6010D	DMB
Silver, Total	ND		mg/kg	0.434	0.245	2	09/13/23 21:10	09/14/23 10:43	EPA 3050B	1,6010D	DMB
Sodium, Total	108	J	mg/kg	173	2.73	2	09/13/23 21:10	09/14/23 10:43	EPA 3050B	1,6010D	DMB
Thallium, Total	1.60	J	mg/kg	1.73	0.273	2	09/13/23 21:10	09/14/23 10:43	EPA 3050B	1,6010D	DMB
Vanadium, Total	29.3		mg/kg	0.867	0.176	2	09/13/23 21:10	09/14/23 10:43	EPA 3050B	1,6010D	DMB
Zinc, Total	52.8		mg/kg	4.34	0.254	2	09/13/23 21:10	09/14/23 10:43	EPA 3050B	1,6010D	DMB



Project Name: SUN VALLEY
Project Number: 12060 / PHASE 8

Lab Number: L2353060
Report Date: 09/19/23

Method Blank Analysis Batch Quality Control

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 01,03,05,07,09,11 Batch: WG1826945-1										
Aluminum, Total	ND		mg/kg	4.00	1.08	1	09/13/23 21:10	09/14/23 07:54	1,6010D	DMB
Antimony, Total	ND		mg/kg	2.00	0.152	1	09/13/23 21:10	09/14/23 07:54	1,6010D	DMB
Arsenic, Total	ND		mg/kg	0.400	0.083	1	09/13/23 21:10	09/14/23 07:54	1,6010D	DMB
Barium, Total	ND		mg/kg	0.400	0.070	1	09/13/23 21:10	09/14/23 07:54	1,6010D	DMB
Beryllium, Total	ND		mg/kg	0.200	0.013	1	09/13/23 21:10	09/14/23 07:54	1,6010D	DMB
Cadmium, Total	ND		mg/kg	0.400	0.039	1	09/13/23 21:10	09/14/23 07:54	1,6010D	DMB
Calcium, Total	ND		mg/kg	4.00	1.40	1	09/13/23 21:10	09/14/23 07:54	1,6010D	DMB
Chromium, Total	ND		mg/kg	0.400	0.038	1	09/13/23 21:10	09/14/23 07:54	1,6010D	DMB
Cobalt, Total	ND		mg/kg	0.800	0.066	1	09/13/23 21:10	09/14/23 07:54	1,6010D	DMB
Copper, Total	ND		mg/kg	0.400	0.103	1	09/13/23 21:10	09/14/23 07:54	1,6010D	DMB
Iron, Total	ND		mg/kg	2.00	0.361	1	09/13/23 21:10	09/14/23 07:54	1,6010D	DMB
Lead, Total	ND		mg/kg	2.00	0.107	1	09/13/23 21:10	09/14/23 07:54	1,6010D	DMB
Magnesium, Total	ND		mg/kg	4.00	0.616	1	09/13/23 21:10	09/14/23 07:54	1,6010D	DMB
Manganese, Total	ND		mg/kg	0.400	0.064	1	09/13/23 21:10	09/14/23 07:54	1,6010D	DMB
Nickel, Total	ND		mg/kg	1.00	0.097	1	09/13/23 21:10	09/14/23 07:54	1,6010D	DMB
Potassium, Total	ND		mg/kg	100	5.76	1	09/13/23 21:10	09/14/23 07:54	1,6010D	DMB
Selenium, Total	ND		mg/kg	0.800	0.103	1	09/13/23 21:10	09/14/23 07:54	1,6010D	DMB
Silver, Total	ND		mg/kg	0.200	0.113	1	09/13/23 21:10	09/14/23 07:54	1,6010D	DMB
Sodium, Total	6.87	J	mg/kg	80.0	1.26	1	09/13/23 21:10	09/14/23 07:54	1,6010D	DMB
Thallium, Total	ND		mg/kg	0.800	0.126	1	09/13/23 21:10	09/14/23 07:54	1,6010D	DMB
Vanadium, Total	ND		mg/kg	0.400	0.081	1	09/13/23 21:10	09/14/23 07:54	1,6010D	DMB
Zinc, Total	ND		mg/kg	2.00	0.117	1	09/13/23 21:10	09/14/23 07:54	1,6010D	DMB

Prep Information

Digestion Method: EPA 3050B

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 01,03,05,07,09,11 Batch: WG1826948-1										
Mercury, Total	ND		mg/kg	0.083	0.054	1	09/13/23 22:45	09/16/23 14:41	1,7471B	GMG



Project Name: SUN VALLEY
Project Number: 12060 / PHASE 8

Lab Number: L2353060
Report Date: 09/19/23

Method Blank Analysis Batch Quality Control

Prep Information

Digestion Method: EPA 7471B

Parameter	Result Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
TCLP Metals by EPA 1311 - Mansfield Lab for sample(s): 01,03,05,07,09,11 Batch: WG1827588-1									
Arsenic, TCLP	ND	mg/l	1.00	0.0190	1	09/15/23 20:36	09/16/23 10:07	1,6010D	JMF
Barium, TCLP	ND	mg/l	0.500	0.0210	1	09/15/23 20:36	09/16/23 10:07	1,6010D	JMF
Cadmium, TCLP	ND	mg/l	0.100	0.0100	1	09/15/23 20:36	09/16/23 10:07	1,6010D	JMF
Chromium, TCLP	ND	mg/l	0.200	0.0210	1	09/15/23 20:36	09/16/23 10:07	1,6010D	JMF
Lead, TCLP	ND	mg/l	0.500	0.0270	1	09/15/23 20:36	09/16/23 10:07	1,6010D	JMF
Selenium, TCLP	ND	mg/l	0.500	0.0350	1	09/15/23 20:36	09/16/23 10:07	1,6010D	JMF
Silver, TCLP	ND	mg/l	0.100	0.0280	1	09/15/23 20:36	09/16/23 10:07	1,6010D	JMF

Prep Information

Digestion Method: EPA 3015
TCLP/SPLP Extraction Date: 09/12/23 12:17

Parameter	Result Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
TCLP Metals by EPA 1311 - Mansfield Lab for sample(s): 01,03,05,07,09,11 Batch: WG1827589-1									
Mercury, TCLP	ND	mg/l	0.0010	0.0005	1	09/15/23 16:35	09/18/23 16:32	1,7470A	MJR

Prep Information

Digestion Method: EPA 7470A
TCLP/SPLP Extraction Date: 09/12/23 12:17

Lab Control Sample Analysis Batch Quality Control

Project Name: SUN VALLEY
Project Number: 12060 / PHASE 8

Lab Number: L2353060
Report Date: 09/19/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01,03,05,07,09,11 Batch: WG1826945-2 SRM Lot Number: D119-540								
Aluminum, Total	77		-		48-152	-		
Antimony, Total	126		-		10-190	-		
Arsenic, Total	103		-		83-117	-		
Barium, Total	100		-		82-118	-		
Beryllium, Total	102		-		83-117	-		
Cadmium, Total	94		-		82-117	-		
Calcium, Total	96		-		81-118	-		
Chromium, Total	107		-		82-119	-		
Cobalt, Total	105		-		83-117	-		
Copper, Total	100		-		84-116	-		
Iron, Total	100		-		60-140	-		
Lead, Total	102		-		82-118	-		
Magnesium, Total	93		-		76-124	-		
Manganese, Total	96		-		82-118	-		
Nickel, Total	104		-		82-117	-		
Potassium, Total	91		-		70-130	-		
Selenium, Total	105		-		79-121	-		
Silver, Total	105		-		80-120	-		
Sodium, Total	100		-		74-126	-		
Thallium, Total	106		-		81-119	-		
Vanadium, Total	101		-		79-121	-		

Lab Control Sample Analysis

Batch Quality Control

Project Name: SUN VALLEY
Project Number: 12060 / PHASE 8

Lab Number: L2353060
Report Date: 09/19/23

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01,03,05,07,09,11 Batch: WG1826945-2 SRM Lot Number: D119-540					
Zinc, Total	103	-	80-120	-	
Total Metals - Mansfield Lab Associated sample(s): 01,03,05,07,09,11 Batch: WG1826948-2 SRM Lot Number: D119-540					
Mercury, Total	100	-	73-127	-	
TCLP Metals by EPA 1311 - Mansfield Lab Associated sample(s): 01,03,05,07,09,11 Batch: WG1827588-2					
Arsenic, TCLP	95	-	75-125	-	20
Barium, TCLP	92	-	75-125	-	20
Cadmium, TCLP	88	-	75-125	-	20
Chromium, TCLP	93	-	75-125	-	20
Lead, TCLP	93	-	75-125	-	20
Selenium, TCLP	98	-	75-125	-	20
Silver, TCLP	92	-	75-125	-	20
TCLP Metals by EPA 1311 - Mansfield Lab Associated sample(s): 01,03,05,07,09,11 Batch: WG1827589-2					
Mercury, TCLP	101	-	80-120	-	

Matrix Spike Analysis

Batch Quality Control

Project Name: SUN VALLEY
Project Number: 12060 / PHASE 8

Lab Number: L2353060
Report Date: 09/19/23

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01,03,05,07,09,11 QC Batch ID: WG1826945-3 QC Sample: L2353001-01 Client ID: MS Sample												
Aluminum, Total	2100	173	4200	1210	Q	-	-		75-125	-		20
Antimony, Total	ND	43.3	41.3	95		-	-		75-125	-		20
Arsenic, Total	0.942	10.4	11.8	104		-	-		75-125	-		20
Barium, Total	21.1	173	188	96		-	-		75-125	-		20
Beryllium, Total	ND	4.33	4.26	98		-	-		75-125	-		20
Cadmium, Total	0.111J	4.59	4.65	101		-	-		75-125	-		20
Calcium, Total	1360	866	3500	247	Q	-	-		75-125	-		20
Chromium, Total	8.26	17.3	74.6	383	Q	-	-		75-125	-		20
Cobalt, Total	11.0	43.3	60.4	114		-	-		75-125	-		20
Copper, Total	12.0	21.6	37.6	118		-	-		75-125	-		20
Iron, Total	6560	86.6	7390	959	Q	-	-		75-125	-		20
Lead, Total	2800	45.9	2490	0	Q	-	-		75-125	-		20
Magnesium, Total	724	866	1660	108		-	-		75-125	-		20
Manganese, Total	43.7	43.3	92.5	113		-	-		75-125	-		20
Nickel, Total	3.00	43.3	44.7	96		-	-		75-125	-		20
Potassium, Total	99.3J	866	986	114		-	-		75-125	-		20
Selenium, Total	ND	10.4	11.0	106		-	-		75-125	-		20
Silver, Total	ND	4.33	4.39	101		-	-		75-125	-		20
Sodium, Total	57.0J	866	947	109		-	-		75-125	-		20
Thallium, Total	0.278J	10.4	9.67	93		-	-		75-125	-		20
Vanadium, Total	12.9	43.3	57.9	104		-	-		75-125	-		20

Matrix Spike Analysis

Batch Quality Control

Project Name: SUN VALLEY
Project Number: 12060 / PHASE 8

Lab Number: L2353060
Report Date: 09/19/23

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	MSD Found	MSD %Recovery	Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01,03,05,07,09,11 QC Batch ID: WG1826945-3 QC Sample: L2353001-01 Client ID: MS Sample									
Zinc, Total	24.8	43.3	143	273	Q	-	75-125	-	20
Total Metals - Mansfield Lab Associated sample(s): 01,03,05,07,09,11 QC Batch ID: WG1826948-3 QC Sample: L2353059-01 Client ID: MS Sample									
Mercury, Total	0.095	1.39	1.63	110	-	-	80-120	-	20
TCLP Metals by EPA 1311 - Mansfield Lab Associated sample(s): 01,03,05,07,09,11 QC Batch ID: WG1827588-3 QC Sample: L2353060-01 Client ID: COMP_A3(0-7)									
Arsenic, TCLP	ND	1.2	1.12	93	-	-	75-125	-	20
Barium, TCLP	0.593	20	18.0	87	-	-	75-125	-	20
Cadmium, TCLP	ND	0.53	0.471	89	-	-	75-125	-	20
Chromium, TCLP	ND	2	1.86	93	-	-	75-125	-	20
Lead, TCLP	ND	5.3	4.84	91	-	-	75-125	-	20
Selenium, TCLP	ND	1.2	1.18	98	-	-	75-125	-	20
Silver, TCLP	ND	0.5	0.460	92	-	-	75-125	-	20
TCLP Metals by EPA 1311 - Mansfield Lab Associated sample(s): 01,03,05,07,09,11 QC Batch ID: WG1827589-3 QC Sample: L2353060-01 Client ID: COMP_A3(0-7)									
Mercury, TCLP	ND	0.025	0.0243	97	-	-	75-125	-	20

Lab Duplicate Analysis *Batch Quality Control*

Project Name: SUN VALLEY
Project Number: 12060 / PHASE 8

Lab Number: L2353060
Report Date: 09/19/23

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01,03,05,07,09,11 QC Batch ID: WG1826945-4 QC Sample: L2353001-01 Client ID: DUP Sample						
Lead, Total	2800	2440	mg/kg	14		20
Total Metals - Mansfield Lab Associated sample(s): 01,03,05,07,09,11 QC Batch ID: WG1826948-4 QC Sample: L2353059-01 Client ID: DUP Sample						
Mercury, Total	0.095	ND	mg/kg	NC		20
TCLP Metals by EPA 1311 - Mansfield Lab Associated sample(s): 01,03,05,07,09,11 QC Batch ID: WG1827588-4 QC Sample: L2353060-01 Client ID: COMP_A3(0-7)						
Arsenic, TCLP	ND	ND	mg/l	NC		20
Barium, TCLP	0.593	0.582	mg/l	2		20
Cadmium, TCLP	ND	ND	mg/l	NC		20
Chromium, TCLP	ND	ND	mg/l	NC		20
Lead, TCLP	ND	ND	mg/l	NC		20
Selenium, TCLP	ND	ND	mg/l	NC		20
Silver, TCLP	ND	ND	mg/l	NC		20
TCLP Metals by EPA 1311 - Mansfield Lab Associated sample(s): 01,03,05,07,09,11 QC Batch ID: WG1827589-4 QC Sample: L2353060-01 Client ID: COMP_A3(0-7)						
Mercury, TCLP	ND	ND	mg/l	NC		20

INORGANICS & MISCELLANEOUS

Project Name: SUN VALLEY
Project Number: 12060 / PHASE 8

Lab Number: L2353060
Report Date: 09/19/23

SAMPLE RESULTS

Lab ID: L2353060-01
Client ID: COMP_A3(0-7)
Sample Location: OSSINING NY

Date Collected: 09/12/23 11:15
Date Received: 09/12/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Test Material Information

Source of Material: Unknown
Description of Material: Non-Metallic - Damp Clay
Particle Size: Medium
Preliminary Burning Time (sec): 120

Parameter	Result	Date Analyzed	Analytical Method	Analyst
Ignitability of Solids - Westborough Lab				
Ignitability	NI	09/18/23 15:35	1,1030	GEF



Project Name: SUN VALLEY
Project Number: 12060 / PHASE 8

Lab Number: L2353060
Report Date: 09/19/23

SAMPLE RESULTS

Lab ID: L2353060-03
Client ID: COMP_A3(7-14)
Sample Location: OSSINING NY

Date Collected: 09/12/23 11:30
Date Received: 09/12/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Test Material Information

Source of Material: Unknown
Description of Material: Non-Metallic - Damp Clay
Particle Size: Medium
Preliminary Burning Time (sec): 120

Parameter	Result	Date Analyzed	Analytical Method	Analyst
Ignitability of Solids - Westborough Lab				
Ignitability	NI	09/18/23 15:35	1,1030	GEF



Project Name: SUN VALLEY
Project Number: 12060 / PHASE 8

Lab Number: L2353060
Report Date: 09/19/23

SAMPLE RESULTS

Lab ID: L2353060-05
Client ID: COMP_A3(14-25)
Sample Location: OSSINING NY

Date Collected: 09/12/23 11:45
Date Received: 09/12/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Test Material Information

Source of Material: Unknown
Description of Material: Non-Metallic - Wet Clay
Particle Size: Medium
Preliminary Burning Time (sec): 120

Parameter	Result	Date Analyzed	Analytical Method	Analyst
Ignitability of Solids - Westborough Lab				
Ignitability	NI	09/18/23 15:35	1,1030	GEF



Project Name: SUN VALLEY
Project Number: 12060 / PHASE 8

Lab Number: L2353060
Report Date: 09/19/23

SAMPLE RESULTS

Lab ID: L2353060-07
Client ID: COMP_B3(0-7)
Sample Location: OSSINING NY

Date Collected: 09/12/23 12:45
Date Received: 09/12/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Test Material Information

Source of Material: Unknown
Description of Material: Non-Metallic - Damp Clay
Particle Size: Medium
Preliminary Burning Time (sec): 120

Parameter	Result	Date Analyzed	Analytical Method	Analyst
Ignitability of Solids - Westborough Lab				
Ignitability	NI	09/18/23 15:35	1,1030	GEF



Project Name: SUN VALLEY
Project Number: 12060 / PHASE 8

Lab Number: L2353060
Report Date: 09/19/23

SAMPLE RESULTS

Lab ID: L2353060-09
Client ID: COMP_C3(0-9)
Sample Location: OSSINING NY

Date Collected: 09/12/23 14:45
Date Received: 09/12/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Test Material Information

Source of Material: Unknown
Description of Material: Non-Metallic - Damp Clay
Particle Size: Medium
Preliminary Burning Time (sec): 120

Parameter	Result	Date Analyzed	Analytical Method	Analyst
Ignitability of Solids - Westborough Lab				
Ignitability	NI	09/18/23 15:35	1,1030	GEF



Project Name: SUN VALLEY
Project Number: 12060 / PHASE 8

Lab Number: L2353060
Report Date: 09/19/23

SAMPLE RESULTS

Lab ID: L2353060-11
Client ID: COMP_B3(7-15)
Sample Location: OSSINING NY

Date Collected: 09/12/23 13:15
Date Received: 09/12/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Test Material Information

Source of Material: Unknown
Description of Material: Non-Metallic - Wet Clay
Particle Size: Medium
Preliminary Burning Time (sec): 120

Parameter	Result	Date Analyzed	Analytical Method	Analyst
Ignitability of Solids - Westborough Lab				
Ignitability	NI	09/18/23 15:35	1,1030	GEF



Project Name: SUN VALLEY
Project Number: 12060 / PHASE 8

Lab Number: L2353060
Report Date: 09/19/23

SAMPLE RESULTS

Lab ID: L2353060-01
Client ID: COMP_A3(0-7)
Sample Location: OSSINING NY

Date Collected: 09/12/23 11:15
Date Received: 09/12/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	91.6		%	0.100	NA	1	-	09/13/23 11:29	121,2540G	ROI
Cyanide, Total	ND		mg/kg	1.0	0.22	1	09/14/23 03:15	09/14/23 16:24	1,9010C/9012B	JER
pH (H)	8.67		SU	-	NA	1	-	09/18/23 07:52	1,9045D	RDS
Chromium, Hexavalent	ND		mg/kg	0.873	0.175	1	09/14/23 14:15	09/18/23 19:55	1,7196A	WMT
Cyanide, Reactive	ND		mg/kg	10	10.	1	09/15/23 10:48	09/15/23 13:22	125,7.3	JLB
Sulfide, Reactive	ND		mg/kg	10	10.	1	09/14/23 11:09	09/14/23 13:39	125,7.3	JLB
Paint Filter Liquid	Negative		-	0	NA	1	-	09/13/23 18:57	1,9095B	AAS



Project Name: SUN VALLEY
Project Number: 12060 / PHASE 8

Lab Number: L2353060
Report Date: 09/19/23

SAMPLE RESULTS

Lab ID: L2353060-02
Client ID: GRAB_A3(2-2.5)
Sample Location: OSSINING NY

Date Collected: 09/12/23 11:15
Date Received: 09/12/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	91.6		%	0.100	NA	1	-	09/13/23 11:29	121,2540G	ROI



Project Name: SUN VALLEY
Project Number: 12060 / PHASE 8

Lab Number: L2353060
Report Date: 09/19/23

SAMPLE RESULTS

Lab ID: L2353060-03
Client ID: COMP_A3(7-14)
Sample Location: OSSINING NY

Date Collected: 09/12/23 11:30
Date Received: 09/12/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	95.1		%	0.100	NA	1	-	09/13/23 11:29	121,2540G	ROI
Cyanide, Total	ND		mg/kg	1.0	0.21	1	09/14/23 03:15	09/14/23 16:25	1,9010C/9012B	JER
pH (H)	8.65		SU	-	NA	1	-	09/18/23 07:52	1,9045D	RDS
Chromium, Hexavalent	0.294	J	mg/kg	0.841	0.168	1	09/14/23 14:15	09/18/23 19:55	1,7196A	WMT
Cyanide, Reactive	ND		mg/kg	10	10.	1	09/15/23 10:48	09/15/23 13:23	125,7.3	JLB
Sulfide, Reactive	ND		mg/kg	10	10.	1	09/14/23 11:09	09/14/23 13:39	125,7.3	JLB
Paint Filter Liquid	Negative		-	0	NA	1	-	09/13/23 18:57	1,9095B	AAS



Project Name: SUN VALLEY
Project Number: 12060 / PHASE 8

Lab Number: L2353060
Report Date: 09/19/23

SAMPLE RESULTS

Lab ID: L2353060-04
Client ID: GRAB_A3(7-7.5)
Sample Location: OSSINING NY

Date Collected: 09/12/23 11:30
Date Received: 09/12/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	95.1		%	0.100	NA	1	-	09/13/23 11:29	121,2540G	ROI



Project Name: SUN VALLEY
Project Number: 12060 / PHASE 8

Lab Number: L2353060
Report Date: 09/19/23

SAMPLE RESULTS

Lab ID: L2353060-05
Client ID: COMP_A3(14-25)
Sample Location: OSSINING NY

Date Collected: 09/12/23 11:45
Date Received: 09/12/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	78.2		%	0.100	NA	1	-	09/13/23 11:29	121,2540G	ROI
Cyanide, Total	ND		mg/kg	1.2	0.25	1	09/14/23 03:15	09/14/23 16:26	1,9010C/9012B	JER
pH (H)	8.55		SU	-	NA	1	-	09/18/23 07:52	1,9045D	RDS
Chromium, Hexavalent	ND		mg/kg	1.02	0.205	1	09/14/23 14:15	09/18/23 19:55	1,7196A	WMT
Cyanide, Reactive	ND		mg/kg	10	10.	1	09/14/23 19:10	09/14/23 21:15	125,7.3	QJM
Sulfide, Reactive	ND		mg/kg	10	10.	1	09/14/23 19:10	09/14/23 21:31	125,7.3	QJM
Paint Filter Liquid	Negative		-	0	NA	1	-	09/13/23 18:57	1,9095B	AAS



Project Name: SUN VALLEY
Project Number: 12060 / PHASE 8

Lab Number: L2353060
Report Date: 09/19/23

SAMPLE RESULTS

Lab ID: L2353060-06
Client ID: GRAB_A3(14.5-15)
Sample Location: OSSINING NY

Date Collected: 09/12/23 11:45
Date Received: 09/12/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	78.2		%	0.100	NA	1	-	09/13/23 11:29	121,2540G	ROI



Project Name: SUN VALLEY
Project Number: 12060 / PHASE 8

Lab Number: L2353060
Report Date: 09/19/23

SAMPLE RESULTS

Lab ID: L2353060-07
Client ID: COMP_B3(0-7)
Sample Location: OSSINING NY

Date Collected: 09/12/23 12:45
Date Received: 09/12/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	93.2		%	0.100	NA	1	-	09/13/23 11:29	121,2540G	ROI
Cyanide, Total	ND		mg/kg	1.0	0.21	1	09/14/23 03:15	09/14/23 16:27	1,9010C/9012B	JER
pH (H)	8.42		SU	-	NA	1	-	09/18/23 07:52	1,9045D	RDS
Chromium, Hexavalent	ND		mg/kg	0.858	0.172	1	09/14/23 14:15	09/18/23 19:55	1,7196A	WMT
Cyanide, Reactive	ND		mg/kg	10	10.	1	09/14/23 19:10	09/14/23 21:15	125,7.3	QJM
Sulfide, Reactive	ND		mg/kg	10	10.	1	09/14/23 19:10	09/14/23 21:31	125,7.3	QJM
Paint Filter Liquid	Negative		-	0	NA	1	-	09/13/23 18:57	1,9095B	AAS



Project Name: SUN VALLEY
Project Number: 12060 / PHASE 8

Lab Number: L2353060
Report Date: 09/19/23

SAMPLE RESULTS

Lab ID: L2353060-08
Client ID: GRAB_B3(14.5-15)
Sample Location: OSSINING NY

Date Collected: 09/12/23 13:15
Date Received: 09/12/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	93.2		%	0.100	NA	1	-	09/13/23 11:29	121,2540G	ROI



Project Name: SUN VALLEY
Project Number: 12060 / PHASE 8

Lab Number: L2353060
Report Date: 09/19/23

SAMPLE RESULTS

Lab ID: L2353060-09
Client ID: COMP_C3(0-9)
Sample Location: OSSINING NY

Date Collected: 09/12/23 14:45
Date Received: 09/12/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	92.3		%	0.100	NA	1	-	09/13/23 11:29	121,2540G	ROI
Cyanide, Total	ND		mg/kg	1.0	0.22	1	09/14/23 03:15	09/14/23 16:28	1,9010C/9012B	JER
pH (H)	8.48		SU	-	NA	1	-	09/18/23 07:52	1,9045D	RDS
Chromium, Hexavalent	0.184	J	mg/kg	0.867	0.173	1	09/14/23 14:15	09/18/23 19:55	1,7196A	WMT
Cyanide, Reactive	ND		mg/kg	10	10.	1	09/14/23 19:10	09/14/23 21:16	125,7.3	QJM
Sulfide, Reactive	ND		mg/kg	10	10.	1	09/14/23 19:10	09/14/23 21:31	125,7.3	QJM
Paint Filter Liquid	Negative		-	0	NA	1	-	09/13/23 18:57	1,9095B	AAS



Project Name: SUN VALLEY
Project Number: 12060 / PHASE 8

Lab Number: L2353060
Report Date: 09/19/23

SAMPLE RESULTS

Lab ID: L2353060-10
Client ID: GRAB_C3(2-2.5)
Sample Location: OSSINING NY

Date Collected: 09/12/23 14:45
Date Received: 09/12/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	92.3		%	0.100	NA	1	-	09/13/23 11:29	121,2540G	ROI



Project Name: SUN VALLEY
Project Number: 12060 / PHASE 8

Lab Number: L2353060
Report Date: 09/19/23

SAMPLE RESULTS

Lab ID: L2353060-11
Client ID: COMP_B3(7-15)
Sample Location: OSSINING NY

Date Collected: 09/12/23 13:15
Date Received: 09/12/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	89.5		%	0.100	NA	1	-	09/13/23 11:29	121,2540G	ROI
Cyanide, Total	ND		mg/kg	1.0	0.22	1	09/14/23 03:15	09/14/23 16:29	1,9010C/9012B	JER
pH (H)	8.57		SU	-	NA	1	-	09/18/23 07:52	1,9045D	RDS
Chromium, Hexavalent	ND		mg/kg	0.894	0.179	1	09/14/23 14:15	09/18/23 19:55	1,7196A	WMT
Cyanide, Reactive	ND		mg/kg	10	10.	1	09/14/23 19:10	09/14/23 21:16	125,7.3	QJM
Sulfide, Reactive	ND		mg/kg	10	10.	1	09/14/23 19:10	09/14/23 21:32	125,7.3	QJM
Paint Filter Liquid	Negative		-	0	NA	1	-	09/13/23 18:57	1,9095B	AAS



Project Name: SUN VALLEY
Project Number: 12060 / PHASE 8

Lab Number: L2353060
Report Date: 09/19/23

SAMPLE RESULTS

Lab ID: L2353060-12
Client ID: GRAB_B3(4.5-5)
Sample Location: OSSINING NY

Date Collected: 09/12/23 12:45
Date Received: 09/12/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	89.5		%	0.100	NA	1	-	09/13/23 11:29	121,2540G	ROI



Project Name: SUN VALLEY
Project Number: 12060 / PHASE 8

Lab Number: L2353060
Report Date: 09/19/23

Method Blank Analysis
Batch Quality Control

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab for sample(s): 01,03,05,07,09,11 Batch: WG1827242-1										
Cyanide, Total	ND		mg/kg	0.92	0.20	1	09/14/23 03:15	09/14/23 16:12	1,9010C/9012B	JER
General Chemistry - Westborough Lab for sample(s): 01,03 Batch: WG1827384-1										
Sulfide, Reactive	ND		mg/kg	10	10.	1	09/14/23 11:09	09/14/23 13:29	125,7.3	JLB
General Chemistry - Westborough Lab for sample(s): 01,03,05,07,09,11 Batch: WG1827551-1										
Chromium, Hexavalent	ND		mg/kg	0.800	0.160	1	09/14/23 14:15	09/18/23 19:55	1,7196A	WMT
General Chemistry - Westborough Lab for sample(s): 05,07,09,11 Batch: WG1827663-1										
Sulfide, Reactive	ND		mg/kg	10	10.	1	09/14/23 19:10	09/14/23 21:25	125,7.3	QJM
General Chemistry - Westborough Lab for sample(s): 05,07,09,11 Batch: WG1827664-1										
Cyanide, Reactive	ND		mg/kg	10	10.	1	09/14/23 19:10	09/14/23 21:11	125,7.3	QJM
General Chemistry - Westborough Lab for sample(s): 01,03 Batch: WG1827851-1										
Cyanide, Reactive	ND		mg/kg	10	10.	1	09/15/23 10:48	09/15/23 13:00	125,7.3	JLB

Lab Control Sample Analysis

Batch Quality Control

Project Name: SUN VALLEY
Project Number: 12060 / PHASE 8

Lab Number: L2353060
Report Date: 09/19/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01,03,05,07,09,11 Batch: WG1827242-2 WG1827242-3								
Cyanide, Total	121	Q	122	Q	80-120	1		35
General Chemistry - Westborough Lab Associated sample(s): 01,03 Batch: WG1827384-2								
Sulfide, Reactive	87		-		60-125	-		40
General Chemistry - Westborough Lab Associated sample(s): 01,03,05,07,09,11 Batch: WG1827551-2								
Chromium, Hexavalent	56	Q	-		80-120	-		20
General Chemistry - Westborough Lab Associated sample(s): 05,07,09,11 Batch: WG1827663-2								
Sulfide, Reactive	88		-		60-125	-		40
General Chemistry - Westborough Lab Associated sample(s): 05,07,09,11 Batch: WG1827664-2								
Cyanide, Reactive	70		-		30-125	-		40
General Chemistry - Westborough Lab Associated sample(s): 01,03 Batch: WG1827851-2								
Cyanide, Reactive	79		-		30-125	-		40
General Chemistry - Westborough Lab Associated sample(s): 01,03,05,07,09,11 Batch: WG1828598-1								
pH	100		-		99-101	-		

Matrix Spike Analysis **Batch Quality Control**

Project Name: SUN VALLEY
Project Number: 12060 / PHASE 8

Lab Number: L2353060
Report Date: 09/19/23

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01,03,05,07,09,11 QC Batch ID: WG1827242-4 WG1827242-5 QC Sample: L2353036-09 Client ID: MS Sample												
Cyanide, Total	ND	11	14	130	Q	12	120		75-125	15		35
General Chemistry - Westborough Lab Associated sample(s): 01,03,05,07,09,11 QC Batch ID: WG1827551-4 QC Sample: L2353060-03 Client ID: COMP_A3(7-14)												
Chromium, Hexavalent	0.294J	1320	1330	100		-	-		75-125	-		20

Lab Duplicate Analysis *Batch Quality Control*

Project Name: SUN VALLEY
Project Number: 12060 / PHASE 8

Lab Number: L2353060
Report Date: 09/19/23

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01-12 QC Batch ID: WG1826878-1 QC Sample: L2353060-01 Client ID: COMP_A3(0-7)						
Solids, Total	91.6	92.6	%	1		20
General Chemistry - Westborough Lab Associated sample(s): 01,03 QC Batch ID: WG1827384-3 QC Sample: L2353060-03 Client ID: COMP_A3(7-14)						
Sulfide, Reactive	ND	ND	mg/kg	NC		40
General Chemistry - Westborough Lab Associated sample(s): 01,03,05,07,09,11 QC Batch ID: WG1827551-6 QC Sample: L2353060-03 Client ID: COMP_A3(7-14)						
Chromium, Hexavalent	0.294J	ND	mg/kg	NC		20
General Chemistry - Westborough Lab Associated sample(s): 05,07,09,11 QC Batch ID: WG1827663-3 QC Sample: L2353315-01 Client ID: DUP Sample						
Sulfide, Reactive	ND	ND	mg/kg	NC		40
General Chemistry - Westborough Lab Associated sample(s): 05,07,09,11 QC Batch ID: WG1827664-3 QC Sample: L2353315-01 Client ID: DUP Sample						
Cyanide, Reactive	ND	ND	mg/kg	NC		40
General Chemistry - Westborough Lab Associated sample(s): 01,03 QC Batch ID: WG1827851-3 QC Sample: L2353564-03 Client ID: DUP Sample						
Cyanide, Reactive	ND	ND	mg/kg	NC		40
General Chemistry - Westborough Lab Associated sample(s): 01,03,05,07,09,11 QC Batch ID: WG1828598-2 QC Sample: L2353050-01 Client ID: DUP Sample						
pH	9.08	9.09	SU	0		5

Project Name: SUN VALLEY
Project Number: 12060 / PHASE 8

Lab Number: L2353060
Report Date: 09/19/23

Sample Receipt and Container Information

Were project specific reporting limits specified?

YES

Cooler Information

Cooler	Custody Seal
A	Absent
B	Absent
C	Absent

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2353060-01A	Metals Only-Glass 60mL/2oz unpreserved	C	NA		3.4	Y	Absent		BE-TI(180),BA-TI(180),AS-TI(180),AG-TI(180),AL-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),SB-TI(180),ZN-TI(180),CU-TI(180),PB-TI(180),SE-TI(180),CO-TI(180),V-TI(180),FE-TI(180),MG-TI(180),HG-T(28),MN-TI(180),CA-TI(180),CD-TI(180),K-TI(180),NA-TI(180)
L2353060-01B	Glass 120ml/4oz unpreserved	C	NA		3.4	Y	Absent		NJEPH-TPH-CAT2(14),REACTS(14),TCN-9010(14),IGNIT-1030(14),NYTCL-8270(14),HERB-APA(14),PH-9045(1),NYTCL-8081(14),PAINTF(),REACTCN(14),NYTCL-8082(365),HEXCR-7196(30)
L2353060-01C	Plastic 2oz unpreserved for TS	C	NA		3.4	Y	Absent		TS(7)
L2353060-01D	Glass 500ml/16oz unpreserved	C	NA		3.4	Y	Absent		NJEPH-TPH-CAT2(14),REACTS(14),TCN-9010(14),IGNIT-1030(14),NYTCL-8270(14),HERB-APA(14),PH-9045(1),NYTCL-8081(14),PAINTF(),REACTCN(14),NYTCL-8082(365),HEXCR-7196(30)
L2353060-01E	Glass 500ml/16oz unpreserved	C	NA		3.4	Y	Absent		NJEPH-TPH-CAT2(14),REACTS(14),TCN-9010(14),IGNIT-1030(14),NYTCL-8270(14),HERB-APA(14),PH-9045(1),NYTCL-8081(14),PAINTF(),REACTCN(14),NYTCL-8082(365),HEXCR-7196(30)
L2353060-01X	Plastic 120ml HNO3 preserved Extracts	C	NA		3.4	Y	Absent		CD-CI(180),BA-CI(180),AS-CI(180),HG-C(28),PB-CI(180),SE-CI(180),CR-CI(180),AG-CI(180)
L2353060-01X9	Tumble Vessel	C	NA		3.4	Y	Absent		-
L2353060-02A	5 gram Encore Sampler	C	NA		3.4	Y	Absent		NYTCL-8260HLW(14)
L2353060-02B	5 gram Encore Sampler	C	NA		3.4	Y	Absent		NYTCL-8260HLW(14)
L2353060-02C	5 gram Encore Sampler	C	NA		3.4	Y	Absent		NYTCL-8260HLW(14)
L2353060-02X	Vial MeOH preserved split	C	NA		3.4	Y	Absent		NYTCL-8260HLW(14)
L2353060-02Y	Vial Water preserved split	C	NA		3.4	Y	Absent	13-SEP-23 12:58	NYTCL-8260HLW(14)

Project Name: SUN VALLEY
Project Number: 12060 / PHASE 8

Serial_No: 09192318:34
Lab Number: L2353060
Report Date: 09/19/23

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2353060-02Z	Vial Water preserved split	C	NA		3.4	Y	Absent	13-SEP-23 12:58	NYTCL-8260HLW(14)
L2353060-03A	Metals Only-Glass 60mL/2oz unpreserved	B	NA		3.4	Y	Absent		BE-Ti(180),BA-Ti(180),AS-Ti(180),AG-Ti(180),AL-Ti(180),NI-Ti(180),CR-Ti(180),TL-Ti(180),PB-Ti(180),ZN-Ti(180),CU-Ti(180),SB-Ti(180),SE-Ti(180),V-Ti(180),CO-Ti(180),HG-T(28),MN-Ti(180),MG-Ti(180),FE-Ti(180),CA-Ti(180),CD-Ti(180),K-Ti(180),NA-Ti(180)
L2353060-03B	Glass 120ml/4oz unpreserved	B	NA		3.4	Y	Absent		IGNIT-1030(14),NJEPH-TPH-CAT2(14),TCN-9010(14),REACTS(14),NYTCL-8270(14),HERB-APA(14),PH-9045(1),NYTCL-8081(14),PAINTF(),NYTCL-8082(365),REACTCN(14),HEXCR-7196(30)
L2353060-03C	Plastic 2oz unpreserved for TS	B	NA		3.4	Y	Absent		TS(7)
L2353060-03D	Glass 500ml/16oz unpreserved	B	NA		3.4	Y	Absent		IGNIT-1030(14),NJEPH-TPH-CAT2(14),TCN-9010(14),REACTS(14),NYTCL-8270(14),HERB-APA(14),PH-9045(1),NYTCL-8081(14),PAINTF(),NYTCL-8082(365),REACTCN(14),HEXCR-7196(30)
L2353060-03E	Glass 500ml/16oz unpreserved	B	NA		3.4	Y	Absent		IGNIT-1030(14),NJEPH-TPH-CAT2(14),TCN-9010(14),REACTS(14),NYTCL-8270(14),HERB-APA(14),PH-9045(1),NYTCL-8081(14),PAINTF(),NYTCL-8082(365),REACTCN(14),HEXCR-7196(30)
L2353060-03X	Plastic 120ml HNO3 preserved Extracts	B	NA		3.4	Y	Absent		CD-CI(180),AS-CI(180),BA-CI(180),HG-C(28),PB-CI(180),CR-CI(180),SE-CI(180),AG-CI(180)
L2353060-03X9	Tumble Vessel	B	NA		3.4	Y	Absent		-
L2353060-04A	5 gram Encore Sampler	B	NA		3.4	Y	Absent		NYTCL-8260HLW(14)
L2353060-04B	5 gram Encore Sampler	B	NA		3.4	Y	Absent		NYTCL-8260HLW(14)
L2353060-04C	5 gram Encore Sampler	B	NA		3.4	Y	Absent		NYTCL-8260HLW(14)
L2353060-04X	Vial MeOH preserved split	B	NA		3.4	Y	Absent		NYTCL-8260HLW(14)
L2353060-04Y	Vial Water preserved split	B	NA		3.4	Y	Absent	13-SEP-23 12:58	NYTCL-8260HLW(14)
L2353060-04Z	Vial Water preserved split	B	NA		3.4	Y	Absent	13-SEP-23 12:58	NYTCL-8260HLW(14)
L2353060-05A	Metals Only-Glass 60mL/2oz unpreserved	B	NA		3.4	Y	Absent		BE-Ti(180),AS-Ti(180),BA-Ti(180),AG-Ti(180),AL-Ti(180),CR-Ti(180),NI-Ti(180),TL-Ti(180),PB-Ti(180),CU-Ti(180),SE-Ti(180),ZN-Ti(180),SB-Ti(180),V-Ti(180),CO-Ti(180),MG-Ti(180),HG-T(28),FE-Ti(180),MN-Ti(180),NA-Ti(180),CD-Ti(180),K-Ti(180),CA-Ti(180)

Project Name: SUN VALLEY
Project Number: 12060 / PHASE 8

Serial_No:09192318:34
Lab Number: L2353060
Report Date: 09/19/23

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2353060-05B	Glass 120ml/4oz unpreserved	B	NA		3.4	Y	Absent		NYTCL-8270(14),IGNIT-1030(14),NJEPH-TPH-CAT2(14),REACTS(14),TCN-9010(14),HERB-APA(14),PH-9045(1),PAINTF(),NYTCL-8081(14),NYTCL-8082(365),REACTCN(14),HEXCR-7196(30)
L2353060-05C	Plastic 2oz unpreserved for TS	B	NA		3.4	Y	Absent		TS(7)
L2353060-05D	Glass 500ml/16oz unpreserved	B	NA		3.4	Y	Absent		NYTCL-8270(14),IGNIT-1030(14),NJEPH-TPH-CAT2(14),REACTS(14),TCN-9010(14),HERB-APA(14),PH-9045(1),PAINTF(),NYTCL-8081(14),NYTCL-8082(365),REACTCN(14),HEXCR-7196(30)
L2353060-05E	Glass 500ml/16oz unpreserved	B	NA		3.4	Y	Absent		NYTCL-8270(14),IGNIT-1030(14),NJEPH-TPH-CAT2(14),REACTS(14),TCN-9010(14),HERB-APA(14),PH-9045(1),PAINTF(),NYTCL-8081(14),NYTCL-8082(365),REACTCN(14),HEXCR-7196(30)
L2353060-05X	Plastic 120ml HNO3 preserved Extracts	B	NA		3.4	Y	Absent		CD-CI(180),AS-CI(180),BA-CI(180),HG-C(28),PB-CI(180),SE-CI(180),CR-CI(180),AG-CI(180)
L2353060-05X9	Tumble Vessel	B	NA		3.4	Y	Absent		-
L2353060-06A	5 gram Encore Sampler	B	NA		3.4	Y	Absent		NYTCL-8260HLW(14)
L2353060-06B	5 gram Encore Sampler	B	NA		3.4	Y	Absent		NYTCL-8260HLW(14)
L2353060-06C	5 gram Encore Sampler	B	NA		3.4	Y	Absent		NYTCL-8260HLW(14)
L2353060-06X	Vial MeOH preserved split	B	NA		3.4	Y	Absent		NYTCL-8260HLW(14)
L2353060-06Y	Vial Water preserved split	B	NA		3.4	Y	Absent	13-SEP-23 12:58	NYTCL-8260HLW(14)
L2353060-06Z	Vial Water preserved split	B	NA		3.4	Y	Absent	13-SEP-23 12:58	NYTCL-8260HLW(14)
L2353060-07A	Metals Only-Glass 60mL/2oz unpreserved	C	NA		3.4	Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),AL-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),CU-TI(180),SB-TI(180),SE-TI(180),ZN-TI(180),PB-TI(180),CO-TI(180),V-TI(180),MG-TI(180),MN-TI(180),FE-TI(180),HG-T(28),CA-TI(180),K-TI(180),CD-TI(180),NA-TI(180)
L2353060-07B	Glass 120ml/4oz unpreserved	C	NA		3.4	Y	Absent		TCN-9010(14),NJEPH-TPH-CAT2(14),NYTCL-8270(14),IGNIT-1030(14),REACTS(14),HERB-APA(14),PH-9045(1),PAINTF(),NYTCL-8081(14),NYTCL-8082(365),REACTCN(14),HEXCR-7196(30)
L2353060-07C	Plastic 2oz unpreserved for TS	C	NA		3.4	Y	Absent		TS(7)

Project Name: SUN VALLEY
Project Number: 12060 / PHASE 8

Serial_No: 09192318:34
Lab Number: L2353060
Report Date: 09/19/23

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2353060-07D	Glass 500ml/16oz unpreserved	C	NA		3.4	Y	Absent		TCN-9010(14),NJEPH-TPH-CAT2(14),NYTCL-8270(14),IGNIT-1030(14),REACTS(14),HERB-APA(14),PH-9045(1),PAINTF(),NYTCL-8081(14),NYTCL-8082(365),REACTCN(14),HEXCR-7196(30)
L2353060-07E	Glass 500ml/16oz unpreserved	C	NA		3.4	Y	Absent		TCN-9010(14),NJEPH-TPH-CAT2(14),NYTCL-8270(14),IGNIT-1030(14),REACTS(14),HERB-APA(14),PH-9045(1),PAINTF(),NYTCL-8081(14),NYTCL-8082(365),REACTCN(14),HEXCR-7196(30)
L2353060-07X	Plastic 120ml HNO3 preserved Extracts	C	NA		3.4	Y	Absent		CD-CI(180),BA-CI(180),AS-CI(180),HG-C(28),PB-CI(180),SE-CI(180),CR-CI(180),AG-CI(180)
L2353060-07X9	Tumble Vessel	C	NA		3.4	Y	Absent		-
L2353060-08A	5 gram Encore Sampler	B	NA		3.4	Y	Absent		NYTCL-8260HLW(14)
L2353060-08B	5 gram Encore Sampler	B	NA		3.4	Y	Absent		NYTCL-8260HLW(14)
L2353060-08C	5 gram Encore Sampler	B	NA		3.4	Y	Absent		NYTCL-8260HLW(14)
L2353060-08X	Vial MeOH preserved split	B	NA		3.4	Y	Absent		NYTCL-8260HLW(14)
L2353060-08Y	Vial Water preserved split	B	NA		3.4	Y	Absent	13-SEP-23 12:58	NYTCL-8260HLW(14)
L2353060-08Z	Vial Water preserved split	B	NA		3.4	Y	Absent	13-SEP-23 12:58	NYTCL-8260HLW(14)
L2353060-09A	Metals Only-Glass 60mL/2oz unpreserved	C	NA		3.4	Y	Absent		BE-TI(180),BA-TI(180),AS-TI(180),AG-TI(180),AL-TI(180),CR-TI(180),TL-TI(180),NI-TI(180),PB-TI(180),SE-TI(180),SB-TI(180),CU-TI(180),ZN-TI(180),V-TI(180),CO-TI(180),MN-TI(180),MG-TI(180),HG-T(28),FE-TI(180),CD-TI(180),CA-TI(180),NA-TI(180),K-TI(180)
L2353060-09B	Plastic 2oz unpreserved for TS	C	NA		3.4	Y	Absent		TS(7)
L2353060-09C	Glass 500ml/16oz unpreserved	C	NA		3.4	Y	Absent		NJEPH-TPH-CAT2(14),TCN-9010(14),IGNIT-1030(14),REACTS(14),NYTCL-8270(14),HERB-APA(14),PH-9045(1),PAINTF(),NYTCL-8081(14),NYTCL-8082(365),REACTCN(14),HEXCR-7196(30)
L2353060-09D	Glass 500ml/16oz unpreserved	C	NA		3.4	Y	Absent		NJEPH-TPH-CAT2(14),TCN-9010(14),IGNIT-1030(14),REACTS(14),NYTCL-8270(14),HERB-APA(14),PH-9045(1),PAINTF(),NYTCL-8081(14),NYTCL-8082(365),REACTCN(14),HEXCR-7196(30)
L2353060-09X	Plastic 120ml HNO3 preserved Extracts	C	NA		3.4	Y	Absent		CD-CI(180),AS-CI(180),BA-CI(180),HG-C(28),PB-CI(180),CR-CI(180),SE-CI(180),AG-CI(180)
L2353060-09X9	Tumble Vessel	C	NA		3.4	Y	Absent		-
L2353060-10A	5 gram Encore Sampler	C	NA		3.4	Y	Absent		NYTCL-8260HLW(14)

Project Name: SUN VALLEY
Project Number: 12060 / PHASE 8

Serial_No: 09192318:34
Lab Number: L2353060
Report Date: 09/19/23

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2353060-10B	5 gram Encore Sampler	C	NA		3.4	Y	Absent		NYTCL-8260HLW(14)
L2353060-10C	5 gram Encore Sampler	C	NA		3.4	Y	Absent		NYTCL-8260HLW(14)
L2353060-10X	Vial MeOH preserved split	C	NA		3.4	Y	Absent		NYTCL-8260HLW(14)
L2353060-10Y	Vial Water preserved split	C	NA		3.4	Y	Absent	13-SEP-23 12:58	NYTCL-8260HLW(14)
L2353060-10Z	Vial Water preserved split	C	NA		3.4	Y	Absent	13-SEP-23 12:58	NYTCL-8260HLW(14)
L2353060-11A	Metals Only-Glass 60mL/2oz unpreserved	B	NA		3.4	Y	Absent		BE-Ti(180),AS-Ti(180),BA-Ti(180),AG-Ti(180),NI-Ti(180),AL-Ti(180),TL-Ti(180),CR-Ti(180),CU-Ti(180),PB-Ti(180),ZN-Ti(180),SB-Ti(180),SE-Ti(180),CO-Ti(180),V-Ti(180),HG-T(28),FE-Ti(180),MG-Ti(180),MN-Ti(180),CD-Ti(180),NA-Ti(180),CA-Ti(180),K-Ti(180)
L2353060-11B	Glass 120ml/4oz unpreserved	B	NA		3.4	Y	Absent		IGNIT-1030(14),NJEPH-TPH-CAT2(14),TCN-9010(14),REACTS(14),NYTCL-8270(14),HERB-APA(14),PH-9045(1),NYTCL-8081(14),PAINTF(),REACTCN(14),NYTCL-8082(365),HEXCR-7196(30)
L2353060-11C	Plastic 2oz unpreserved for TS	B	NA		3.4	Y	Absent		TS(7)
L2353060-11D	Glass 500ml/16oz unpreserved	B	NA		3.4	Y	Absent		IGNIT-1030(14),NJEPH-TPH-CAT2(14),TCN-9010(14),REACTS(14),NYTCL-8270(14),HERB-APA(14),PH-9045(1),NYTCL-8081(14),PAINTF(),REACTCN(14),NYTCL-8082(365),HEXCR-7196(30)
L2353060-11E	Glass 500ml/16oz unpreserved	B	NA		3.4	Y	Absent		IGNIT-1030(14),NJEPH-TPH-CAT2(14),TCN-9010(14),REACTS(14),NYTCL-8270(14),HERB-APA(14),PH-9045(1),NYTCL-8081(14),PAINTF(),REACTCN(14),NYTCL-8082(365),HEXCR-7196(30)
L2353060-11X	Plastic 120ml HNO3 preserved Extracts	B	NA		3.4	Y	Absent		CD-CI(180),AS-CI(180),BA-CI(180),HG-C(28),PB-CI(180),CR-CI(180),SE-CI(180),AG-CI(180)
L2353060-11X9	Tumble Vessel	B	NA		3.4	Y	Absent		-
L2353060-12A	5 gram Encore Sampler	C	NA		3.4	Y	Absent		NYTCL-8260HLW(14)
L2353060-12B	5 gram Encore Sampler	C	NA		3.4	Y	Absent		NYTCL-8260HLW(14)
L2353060-12C	5 gram Encore Sampler	C	NA		3.4	Y	Absent		NYTCL-8260HLW(14)
L2353060-12X	Vial MeOH preserved split	C	NA		3.4	Y	Absent		NYTCL-8260HLW(14)
L2353060-12Y	Vial Water preserved split	C	NA		3.4	Y	Absent	13-SEP-23 12:58	NYTCL-8260HLW(14)
L2353060-12Z	Vial Water preserved split	C	NA		3.4	Y	Absent	13-SEP-23 12:58	NYTCL-8260HLW(14)

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GLOSSARY

Acronyms

DL	- Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the limit of quantitation (LOQ). The DL includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
EDL	- Estimated Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The EDL includes any adjustments from dilutions, concentrations or moisture content, where applicable. The use of EDLs is specific to the analysis of PAHs using Solid-Phase Microextraction (SPME).
EMPC	- Estimated Maximum Possible Concentration: The concentration that results from the signal present at the retention time of an analyte when the ions meet all of the identification criteria except the ion abundance ratio criteria. An EMPC is a worst-case estimate of the concentration.
EPA	- Environmental Protection Agency.
LCS	- Laboratory Control Sample: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.
LCSD	- Laboratory Control Sample Duplicate: Refer to LCS.
LFB	- Laboratory Fortified Blank: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.
LOD	- Limit of Detection: This value represents the level to which a target analyte can reliably be detected for a specific analyte in a specific matrix by a specific method. The LOD includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
LOQ	- Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.) Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
MDL	- Method Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The MDL includes any adjustments from dilutions, concentrations or moisture content, where applicable.
MS	- Matrix Spike Sample: A sample prepared by adding a known mass of target analyte to a specified amount of matrix sample for which an independent estimate of target analyte concentration is available. For Method 332.0, the spike recovery is calculated using the native concentration, including estimated values.
MSD	- Matrix Spike Sample Duplicate: Refer to MS.
NA	- Not Applicable.
NC	- Not Calculated: Term is utilized when one or more of the results utilized in the calculation are non-detect at the parameter's reporting unit.
NDPA/DPA	- N-Nitrosodiphenylamine/Diphenylamine.
NI	- Not Ignitable.
NP	- Non-Plastic: Term is utilized for the analysis of Atterberg Limits in soil.
NR	- No Results: Term is utilized when 'No Target Compounds Requested' is reported for the analysis of Volatile or Semivolatile Organic TIC only requests.
RL	- Reporting Limit: The value at which an instrument can accurately measure an analyte at a specific concentration. The RL includes any adjustments from dilutions, concentrations or moisture content, where applicable.
RPD	- Relative Percent Difference: The results from matrix and/or matrix spike duplicates are primarily designed to assess the precision of analytical results in a given matrix and are expressed as relative percent difference (RPD). Values which are less than five times the reporting limit for any individual parameter are evaluated by utilizing the absolute difference between the values; although the RPD value will be provided in the report.
SRM	- Standard Reference Material: A reference sample of a known or certified value that is of the same or similar matrix as the associated field samples.
STLP	- Semi-dynamic Tank Leaching Procedure per EPA Method 1315.
TEF	- Toxic Equivalency Factors: The values assigned to each dioxin and furan to evaluate their toxicity relative to 2,3,7,8-TCDD.
TEQ	- Toxic Equivalent: The measure of a sample's toxicity derived by multiplying each dioxin and furan by its corresponding TEF and then summing the resulting values.
TIC	- Tentatively Identified Compound: A compound that has been identified to be present and is not part of the target compound list (TCL) for the method and/or program. All TICs are qualitatively identified and reported as estimated concentrations.

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Footnotes

- 1 - The reference for this analyte should be considered modified since this analyte is absent from the target analyte list of the original method.

Terms

Analytical Method: Both the document from which the method originates and the analytical reference method. (Example: EPA 8260B is shown as 1,8260B.) The codes for the reference method documents are provided in the References section of the Addendum.

Chlordane: The target compound Chlordane (CAS No. 57-74-9) is reported for GC ECD analyses. Per EPA, this compound "refers to a mixture of chlordane isomers, other chlorinated hydrocarbons and numerous other components." (Reference: USEPA Toxicological Review of Chlordane, In Support of Summary Information on the Integrated Risk Information System (IRIS), December 1997.)

Difference: With respect to Total Oxidizable Precursor (TOP) Assay analysis, the difference is defined as the Post-Treatment value minus the Pre-Treatment value.

Final pH: As it pertains to Sample Receipt & Container Information section of the report, Final pH reflects pH of container determined after adjustment at the laboratory, if applicable. If no adjustment required, value reflects Initial pH.

Frozen Date/Time: With respect to Volatile Organics in soil, Frozen Date/Time reflects the date/time at which associated Reagent Water-preserved vials were initially frozen. Note: If frozen date/time is beyond 48 hours from sample collection, value will be reflected in 'bold'.

Gasoline Range Organics (GRO): Gasoline Range Organics (GRO) results include all chromatographic peaks eluting from Methyl tert butyl ether through Naphthalene, with the exception of GRO analysis in support of State of Ohio programs, which includes all chromatographic peaks eluting from Hexane through Dodecane.

Initial pH: As it pertains to Sample Receipt & Container Information section of the report, Initial pH reflects pH of container determined upon receipt, if applicable.

PAH Total: With respect to Alkylated PAH analyses, the 'PAHs, Total' result is defined as the summation of results for all or a subset of the following compounds: Naphthalene, C1-C4 Naphthalenes, 2-Methylnaphthalene, 1-Methylnaphthalene, Biphenyl, Acenaphthylene, Acenaphthene, Fluorene, C1-C3 Fluorenes, Phenanthrene, C1-C4 Phenanthrenes/Anthracenes, Anthracene, Fluoranthene, Pyrene, C1-C4 Fluoranthenes/Pyrenes, Benz(a)anthracene, Chrysene, C1-C4 Chrysenes, Benzo(b)fluoranthene, Benzo(j)+(k)fluoranthene, Benzo(e)pyrene, Benzo(a)pyrene, Perylene, Indeno(1,2,3-cd)pyrene, Dibenz(ah)+(ac)anthracene, Benzo(g,h,i)perylene. If a 'Total' result is requested, the results of its individual components will also be reported.

PFAS Total: With respect to PFAS analyses, the 'PFAS, Total (5)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA and PFOS. In addition, the 'PFAS, Total (6)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA, PFDA and PFOS. For MassDEP DW compliance analysis only, the 'PFAS, Total (6)' result is defined as the summation of results at or above the RL. Note: If a 'Total' result is requested, the results of its individual components will also be reported.

Total: With respect to Organic analyses, a 'Total' result is defined as the summation of results for individual isomers or Aroclors. If a 'Total' result is requested, the results of its individual components will also be reported. This is applicable to 'Total' results for methods 8260, 8081 and 8082.

Data Qualifiers

- A** - Spectra identified as "Aldol Condensates" are byproducts of the extraction/concentration procedures when acetone is introduced in the process.
- B** - The analyte was detected above the reporting limit in the associated method blank. Flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For MCP-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For DOD-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank AND the analyte was detected above one-half the reporting limit (or above the reporting limit for common lab contaminants) in the associated method blank. For NJ-Air-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte above the reporting limit. For NJ-related projects (excluding Air), flag only applies to associated field samples that have detectable concentrations of the analyte, which was detected above the reporting limit in the associated method blank or above five times the reporting limit for common lab contaminants (Phthalates, Acetone, Methylene Chloride, 2-Butanone).
- C** - Co-elution: The target analyte co-elutes with a known lab standard (i.e. surrogate, internal standards, etc.) for co-extracted analyses.
- D** - Concentration of analyte was quantified from diluted analysis. Flag only applies to field samples that have detectable concentrations of the analyte.
- E** - Concentration of analyte exceeds the range of the calibration curve and/or linear range of the instrument.
- F** - The ratio of quantifier ion response to qualifier ion response falls outside of the laboratory criteria. Results are considered to be an estimated maximum concentration.
- G** - The concentration may be biased high due to matrix interferences (i.e. co-elution) with non-target compound(s). The result should be considered estimated.
- H** - The analysis of pH was performed beyond the regulatory-required holding time of 15 minutes from the time of sample collection.
- I** - The lower value for the two columns has been reported due to obvious interference.
- J** - Estimated value. The Target analyte concentration is below the quantitation limit (RL), but above the Method Detection Limit (MDL) or Estimated Detection Limit (EDL) for SPME-related analyses. This represents an estimated concentration for Tentatively

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Data Qualifiers

Identified Compounds (TICs). For calculated parameters, this represents that one or more values used in the calculation were estimated.

- M** - Reporting Limit (RL) exceeds the MCP CAM Reporting Limit for this analyte.
- ND** - Not detected at the method detection limit (MDL) for the sample, or estimated detection limit (EDL) for SPME-related analyses.
- NJ** - Presumptive evidence of compound. This represents an estimated concentration for Tentatively Identified Compounds (TICs), where the identification is based on a mass spectral library search.
- P** - The RPD between the results for the two columns exceeds the method-specified criteria.
- Q** - The quality control sample exceeds the associated acceptance criteria. For DOD-related projects, LCS and/or Continuing Calibration Standard exceedences are also qualified on all associated sample results. Note: This flag is not applicable for matrix spike recoveries when the sample concentration is greater than 4x the spike added or for batch duplicate RPD when the sample concentrations are less than 5x the RL. (Metals only.)
- R** - Analytical results are from sample re-analysis.
- RE** - Analytical results are from sample re-extraction.
- S** - Analytical results are from modified screening analysis.
- V** - The surrogate associated with this target analyte has a recovery outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)
- Z** - The batch matrix spike and/or duplicate associated with this target analyte has a recovery/RPD outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)

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REFERENCES

- 1 Test Methods for Evaluating Solid Waste: Physical/Chemical Methods. EPA SW-846. Third Edition. Updates I - VI, 2018.
- 103 Analysis of Extractable Petroleum Hydrocarbon Compounds (EPH) in Aqueous and Soil/Sediment/Sludge Matrices. New Jersey Department of Environmental Protection, Site Remediation Program, (Version 1.1), Document # NJDEP EPH 10/08, Revision 3, August 2010.
- 121 Standard Methods for the Examination of Water and Wastewater. APHA-AWWA-WEF. Standard Methods Online.
- 125 Test Methods for Evaluating Solid Waste: Physical/Chemical Methods. EPA SW-846. Third Edition. Updates IIIA, April 1998.

LIMITATION OF LIABILITIES

Alpha Analytical performs services with reasonable care and diligence normal to the analytical testing laboratory industry. In the event of an error, the sole and exclusive responsibility of Alpha Analytical shall be to re-perform the work at it's own expense. In no event shall Alpha Analytical be held liable for any incidental, consequential or special damages, including but not limited to, damages in any way connected with the use of, interpretation of, information or analysis provided by Alpha Analytical.

We strongly urge our clients to comply with EPA protocol regarding sample volume, preservation, cooling, containers, sampling procedures, holding time and splitting of samples in the field.



Alpha Analytical, Inc.Facility: **Company-wide**Department: **Quality Assurance**Title: **Certificate/Approval Program Summary**ID No.: **17873**

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Certification Information

The following analytes are not included in our Primary NELAP Scope of Accreditation:

Westborough Facility**EPA 624.1:** m/p-xylene, o-xylene, Naphthalene**EPA 625.1:** alpha-Terpineol**EPA 8260D:** NPW: 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene, Azobenzene; SCM: Iodomethane (methyl iodide), 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene.**EPA 8270E:** NPW: Dimethylnaphthalene, 1,4-Diphenylhydrazine, alpha-Terpineol; SCM: Dimethylnaphthalene, 1,4-Diphenylhydrazine.**SM4500:** NPW: Amenable Cyanide; SCM: Total Phosphorus, TKN, NO₂, NO₃.**Mansfield Facility****SM 2540D:** TSS.**EPA TO-15:** Halothane, 2,4,4-Trimethyl-2-pentene, 2,4,4-Trimethyl-1-pentene, Thiophene, 2-Methylthiophene,

3-Methylthiophene, 2-Ethylthiophene, 1,2,3-Trimethylbenzene, Indan, Indene, 1,2,4,5-Tetramethylbenzene, Benzothiophene, 1-Methylnaphthalene.

Biological Tissue Matrix: EPA 3050B

The following analytes are included in our Massachusetts DEP Scope of Accreditation

Westborough Facility:**Drinking Water****EPA 300.0:** Chloride, Nitrate-N, Fluoride, Sulfate; **EPA 353.2:** Nitrate-N, Nitrite-N; **SM4500NO3-F:** Nitrate-N, Nitrite-N; **SM4500F-C, SM4500CN-CE,****EPA 180.1, SM2130B, SM4500CI-D, SM2320B, SM2540C, SM4500H-B, SM4500NO2-B****EPA 524.2:** THMs and VOCs; **EPA 504.1:** EDB, DBCP.**Microbiology:** **SM9215B; SM9223-P/A, SM9223B-Colilert-QT, SM9222D.****Non-Potable Water****SM4500H,B, EPA 120.1, SM2510B, SM2540C, SM2320B, SM4500CL-E, SM4500F-BC, SM4500NH3-BH:** Ammonia-N and Kjeldahl-N, **EPA 350.1:**Ammonia-N, **LACHAT 10-107-06-1-B:** Ammonia-N, **EPA 351.1, SM4500NO3-F, EPA 353.2:** Nitrate-N, **SM4500P-E, SM4500P-B, E, SM4500SO4-E,****SM5220D, EPA 410.4, SM5210B, SM5310C, SM4500CL-D, EPA 1664, EPA 420.1, SM4500-CN-CE, SM2540D, EPA 300:** Chloride, Sulfate, Nitrate.**EPA 624.1:** Volatile Halocarbons & Aromatics,**EPA 608.3:** Chlordane, Toxaphene, Aldrin, alpha-BHC, beta-BHC, gamma-BHC, delta-BHC, Dieldrin, DDD, DDE, DDT, Endosulfan I, Endosulfan II,

Endosulfan sulfate, Endrin, Endrin Aldehyde, Heptachlor, Heptachlor Epoxide, PCBs

EPA 625.1: SVOC (Acid/Base/Neutral Extractables).**Microbiology:** **SM9223B-Colilert-QT; Enterolert-QT, SM9221E, EPA 1600, EPA 1603, SM9222D.****Mansfield Facility:****Drinking Water****EPA 200.7:** Al, Ba, Cd, Cr, Cu, Fe, Mn, Ni, Na, Ag, Ca, Zn. **EPA 200.8:** Al, Sb, As, Ba, Be, Cd, Cr, Cu, Pb, Mn, Ni, Se, Ag, TL, Zn. **EPA 245.1** Hg.**EPA 522, EPA 537.1.****Non-Potable Water****EPA 200.7:** Al, Sb, As, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Mo, Ni, K, Se, Ag, Na, Sr, TL, Ti, V, Zn.**EPA 200.8:** Al, Sb, As, Be, Cd, Cr, Cu, Fe, Pb, Mn, Ni, K, Se, Ag, Na, TL, Zn.**EPA 245.1** Hg.**SM2340B**

For a complete listing of analytes and methods, please contact your Alpha Project Manager.

 NEW YORK CHAIN OF CUSTODY Westborough, MA 01581 8 Walkup Dr. TEL: 508-898-9220 FAX: 508-898-9193 Mansfield, MA 02048 320 Forbes Blvd TEL: 508-822-9300 FAX: 508-822-3288		Service Centers Mahwah, NJ 07430: 35 Whitney Rd, Suite 5 Albany, NY 12205: 14 Walker Way Tonawanda, NY 14150: 275 Cooper Ave, Suite 105		Page 1 of 2		Date Rec'd in Lab 9/13/23		ALPHA Job # L2353060																																																																																																																																																																																																					
		Project Information Project Name: <u>Sun Valley</u> Project Location: <u>Ossining, NY</u> Project # <u>12060/Phase 8</u> (Use Project name as Project #) ☐ Project Manager: <u>James Vander Vliet</u> ALPHAQuote #: _____ Turn-Around Time Standard ☒ Due Date: _____ Rush (only if pre approved) ☐ # of Days: _____		Deliverables ☐ ASP-A ☒ ASP-B ☐ EQuIS (1 File) ☒ EQuIS (4 File) ☐ Other		Billing Information ☒ Same as Client Info PO # _____																																																																																																																																																																																																							
Client Information Client: <u>SSI Consulting Eng.</u> Address: <u>959 Rt 46</u> <u>Parsippany, NJ</u> Phone: <u>973 808 7050</u> Fax: _____ Email: <u>monica.nut@ssi.us</u>		Regulatory Requirement ☐ NY TOGS ☐ NY Part 375 ☐ AWQ Standards ☐ NY CP-51 ☒ NY Restricted Use ☐ Other ☒ NY Unrestricted Use ☐ NYC Sewer Discharge		Disposal Site Information Please identify below location of applicable disposal facilities. Disposal Facility: ☐ NJ ☐ NY ☐ Other: _____																																																																																																																																																																																																									
These samples have been previously analyzed by Alpha ☐ Other project specific requirements/comments: _____ Please specify Metals or <u>TAL</u>						ANALYSIS VOCs + 15 SVOCs, PCBs, Pest/Herb TAL Metals Total Cyanide EPH (Lat Q) Paint Filter + CCA Characteristics 8 TCP Metals + Hex Cr + Pb ☐ Done ☐ Lab to do Preservation ☐ Lab to do (Please Specify below)		Total Bottles																																																																																																																																																																																																					
<table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th rowspan="2">ALPHA Lab ID (Lab Use Only)</th> <th rowspan="2">Sample ID</th> <th colspan="2">Collection</th> <th rowspan="2">Sample Matrix</th> <th rowspan="2">Sampler's Initials</th> <th colspan="10"></th> <th rowspan="2">Sample Specific Comments</th> </tr> <tr> <th>Date</th> <th>Time</th> <th colspan="10"></th> </tr> </thead> <tbody> <tr> <td>53060-01</td> <td>COMP-A3(0-7)</td> <td>9/12/23</td> <td>9115</td> <td>50</td> <td>RL</td> <td>X</td><td>X</td><td>X</td><td>X</td><td>X</td><td>X</td><td>X</td><td>X</td><td>X</td><td>X</td> <td>5</td> </tr> <tr> <td>02</td> <td>GRAB-A3(2-2.5)</td> <td></td> <td>1115</td> <td></td> <td></td> <td>X</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td> <td>2</td> </tr> <tr> <td>03</td> <td>COMP-A3(7-14)</td> <td></td> <td>1130</td> <td></td> <td></td> <td></td><td>X</td><td>X</td><td>X</td><td>X</td><td>X</td><td>X</td><td>X</td><td>X</td><td>X</td> <td>5</td> </tr> <tr> <td>04</td> <td>GRAB-A3(7-7.5)</td> <td></td> <td>1130</td> <td></td> <td></td> <td>X</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td> <td>2</td> </tr> <tr> <td>05</td> <td>COMP-A3(14-25)</td> <td></td> <td>1145</td> <td></td> <td></td> <td></td><td>X</td><td>X</td><td>X</td><td>X</td><td>X</td><td>X</td><td>X</td><td>X</td><td>X</td> <td>5</td> </tr> <tr> <td>06</td> <td>GRAB-A3(14.5-15)</td> <td></td> <td>1145</td> <td></td> <td></td> <td>X</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td> <td>2</td> </tr> <tr> <td>07</td> <td>COMP-B3(0-7)</td> <td></td> <td>1245</td> <td></td> <td></td> <td></td><td>X</td><td>X</td><td>X</td><td>X</td><td>X</td><td>X</td><td>X</td><td>X</td><td>X</td> <td>5</td> </tr> <tr> <td>08</td> <td>GRAB-B3(14.5-15)</td> <td>1315</td> <td>1245</td> <td></td> <td></td> <td>X</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td> <td>2</td> </tr> <tr> <td>09</td> <td>COMP-C3(0-9)</td> <td>1445</td> <td>1245</td> <td></td> <td></td> <td></td><td>X</td><td>X</td><td>X</td><td>X</td><td>X</td><td>X</td><td>X</td><td>X</td><td>X</td> <td>5</td> </tr> <tr> <td>10</td> <td>GRAB-C3(2-2.5)</td> <td>1445</td> <td>1245</td> <td></td> <td></td> <td>X</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td> <td>2</td> </tr> </tbody> </table>						ALPHA Lab ID (Lab Use Only)	Sample ID		Collection		Sample Matrix	Sampler's Initials											Sample Specific Comments	Date	Time											53060-01	COMP-A3(0-7)	9/12/23	9115	50	RL	X	X	X	X	X	X	X	X	X	X	5	02	GRAB-A3(2-2.5)		1115			X										2	03	COMP-A3(7-14)		1130				X	X	X	X	X	X	X	X	X	5	04	GRAB-A3(7-7.5)		1130			X										2	05	COMP-A3(14-25)		1145				X	X	X	X	X	X	X	X	X	5	06	GRAB-A3(14.5-15)		1145			X										2	07	COMP-B3(0-7)		1245				X	X	X	X	X	X	X	X	X	5	08	GRAB-B3(14.5-15)	1315	1245			X										2	09	COMP-C3(0-9)	1445	1245				X	X	X	X	X	X	X	X	X	5	10	GRAB-C3(2-2.5)	1445	1245			X										2
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Preservative Code: A = None B = HCl C = HNO ₃ D = H ₂ SO ₄ E = NaOH F = MeOH G = NaHSO ₄ H = Na ₂ S ₂ O ₃ K/E = Zn Ac/NaOH O = Other		Container Code: P = Plastic A = Amber Glass V = Vial G = Glass B = Bacteria Cup C = Cube O = Other E = Encore D = BOD Bottle		Westboro: Certification No: MA935 Mansfield: Certification No: MA015		Container Type: <u>E AA/Plastic</u> Preservative: <u>H</u>		Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. BY EXECUTING THIS COC, THE CLIENT HAS READ AND AGREES TO BE BOUND BY ALPHA'S TERMS & CONDITIONS. (See reverse side.)																																																																																																																																																																																																					
Relinquished By: <u>monica.nut</u> <u>[Signature]</u> <u>[Signature]</u>		Date/Time: <u>9/12/23 @ 1555</u> <u>9/12/23 1725</u> <u>9/12/23</u>		Received By: <u>[Signature]</u> <u>[Signature]</u> <u>[Signature]</u>		Date/Time: <u>9/13/23 1555</u> <u>9/12/23 18:50</u> <u>9/13/23 2200</u>																																																																																																																																																																																																							



ANALYTICAL REPORT

Lab Number:	L2353480
Client:	Soils Engineering Services, Inc. 959 Route 46E Parsippany, NJ 07054
ATTN:	James Vander Vliet
Phone:	(973) 808-9050
Project Name:	SUN VALLEY SITE
Project Number:	12060 / PHASE 8
Report Date:	09/20/23

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Certifications & Approvals: MA (M-MA086), NH NELAP (2064), CT (PH-0826), IL (200077), IN (C-MA-03), KY (KY98045), ME (MA00086), MD (348), NJ (MA935), NY (11148), NC (25700/666), OH (CL108), OR (MA-1316), PA (68-03671), RI (LAO00065), TX (T104704476), VT (VT-0935), VA (460195), USDA (Permit #525-23-122-91930).

Eight Walkup Drive, Westborough, MA 01581-1019
508-898-9220 (Fax) 508-898-9193 800-624-9220 - www.alphalab.com



Project Name: SUN VALLEY SITE
Project Number: 12060 / PHASE 8

Lab Number: L2353480
Report Date: 09/20/23

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L2353480-01	COMP_D3(0-7)	SOIL	OSINING, NY	09/13/23 09:50	09/13/23
L2353480-02	GRAB_D3(5.5-6)	SOIL	OSINING, NY	09/13/23 09:50	09/13/23
L2353480-03	COMP_E3(0-6)	SOIL	OSINING, NY	09/13/23 11:30	09/13/23
L2353480-04	GRAB_E3(3.5-4)	SOIL	OSINING, NY	09/13/23 11:30	09/13/23
L2353480-05	COMP_F3(0-10)	SOIL	OSINING, NY	09/13/23 13:00	09/13/23
L2353480-06	GRAB_F3(4.5-5)	SOIL	OSINING, NY	09/13/23 13:00	09/13/23
L2353480-07	COMP_F2(0-7)	SOIL	OSINING, NY	09/13/23 14:45	09/13/23
L2353480-08	GRAB_F2(4.5-5)	SOIL	OSINING, NY	09/13/23 14:45	09/13/23
L2353480-09	COMP_F2(7-15)	SOIL	OSINING, NY	09/13/23 15:45	09/13/23
L2353480-10	GRAB_F2(10-10.5)	SOIL	OSINING, NY	09/13/23 15:45	09/13/23

Project Name: SUN VALLEY SITE
Project Number: 12060 / PHASE 8

Lab Number: L2353480
Report Date: 09/20/23

Case Narrative

The samples were received in accordance with the Chain of Custody and no significant deviations were encountered during the preparation or analysis unless otherwise noted. Sample Receipt, Container Information, and the Chain of Custody are located at the back of the report.

Results contained within this report relate only to the samples submitted under this Alpha Lab Number and meet NELAP requirements for all NELAP accredited parameters unless otherwise noted in the following narrative. The data presented in this report is organized by parameter (i.e. VOC, SVOC, etc.). Sample specific Quality Control data (i.e. Surrogate Spike Recovery) is reported at the end of the target analyte list for each individual sample, followed by the Laboratory Batch Quality Control at the end of each parameter. Tentatively Identified Compounds (TICs), if requested, are reported for compounds identified to be present and are not part of the method/program Target Compound List, even if only a subset of the TCL are being reported. If a sample was re-analyzed or re-extracted due to a required quality control corrective action and if both sets of data are reported, the Laboratory ID of the re-analysis or re-extraction is designated with an "R" or "RE", respectively.

When multiple Batch Quality Control elements are reported (e.g. more than one LCS), the associated samples for each element are noted in the grey shaded header line of each data table. Any Laboratory Batch, Sample Specific % recovery or RPD value that is outside the listed Acceptance Criteria is bolded in the report. In reference to questions H (CAM) or 4 (RCP) when "NO" is checked, the performance criteria for CAM and RCP methods allow for some quality control failures to occur and still be within method compliance. In these instances, the specific failure is not narrated but noted in the associated QC Outlier Summary Report, located directly after the Case Narrative. QC information is also incorporated in the Data Usability Assessment table (Format 11) of our Data Merger tool, where it can be reviewed in conjunction with the sample result, associated regulatory criteria and any associated data usability implications.

Soil/sediments, solids and tissues are reported on a dry weight basis unless otherwise noted. Definitions of all data qualifiers and acronyms used in this report are provided in the Glossary located at the back of the report.

HOLD POLICY - For samples submitted on hold, Alpha's policy is to hold samples (with the exception of Air canisters) free of charge for 21 calendar days from the date the project is completed. After 21 calendar days, we will dispose of all samples submitted including those put on hold unless you have contacted your Alpha Project Manager and made arrangements for Alpha to continue to hold the samples. Air canisters will be disposed after 3 business days from the date the project is completed.

Please contact Project Management at 800-624-9220 with any questions.

Project Name: SUN VALLEY SITE
Project Number: 12060 / PHASE 8

Lab Number: L2353480
Report Date: 09/20/23

Case Narrative (continued)

Report Submission

All non-detect (ND) or estimated concentrations (J-qualified) have been quantitated to the limit noted in the MDL column.

Sample Receipt

L2353480-02, -04, -06, -08, and -10: The grab samples submitted for Volatile Organics were received without raw soil for the Total Solids analysis. At the client's request, the Total Solids results from the corresponding composite samples were utilized in the dry weight calculation of the Volatile Organics data.

Total Metals

L2353480-01, -03, -05, -07, and -09: The sample has elevated detection limits for all elements, with the exception of mercury, due to the dilution required by the sample matrix.

Cyanide, Total

The WG1827407-2 LCS recovery for cyanide, total (147%), associated with L2353480-01, -03, -05, -07, and -09, is outside our in-house acceptance criteria, but within the vendor-certified acceptance limits. The results of the original analyses are reported.

I, the undersigned, attest under the pains and penalties of perjury that, to the best of my knowledge and belief and based upon my personal inquiry of those responsible for providing the information contained in this analytical report, such information is accurate and complete. This certificate of analysis is not complete unless this page accompanies any and all pages of this report.

Authorized Signature:



Kelly O'Neill

Title: Technical Director/Representative

Date: 09/20/23

ORGANICS

VOLATILES

Project Name: SUN VALLEY SITE
Project Number: 12060 / PHASE 8

Lab Number: L2353480
Report Date: 09/20/23

SAMPLE RESULTS

Lab ID: L2353480-02
Client ID: GRAB_D3(5.5-6)
Sample Location: OSINING, NY

Date Collected: 09/13/23 09:50
Date Received: 09/13/23
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 09/15/23 13:44
Analyst: LAC
Percent Solids: 85%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	4.5	2.1	1
1,1-Dichloroethane	ND		ug/kg	0.91	0.13	1
Chloroform	ND		ug/kg	1.4	0.13	1
Carbon tetrachloride	ND		ug/kg	0.91	0.21	1
1,2-Dichloropropane	ND		ug/kg	0.91	0.11	1
Dibromochloromethane	ND		ug/kg	0.91	0.13	1
1,1,2-Trichloroethane	ND		ug/kg	0.91	0.24	1
Tetrachloroethene	ND		ug/kg	0.45	0.18	1
Chlorobenzene	ND		ug/kg	0.45	0.12	1
Trichlorofluoromethane	ND		ug/kg	3.6	0.63	1
1,2-Dichloroethane	ND		ug/kg	0.91	0.23	1
1,1,1-Trichloroethane	ND		ug/kg	0.45	0.15	1
Bromodichloromethane	ND		ug/kg	0.45	0.10	1
trans-1,3-Dichloropropene	ND		ug/kg	0.91	0.25	1
cis-1,3-Dichloropropene	ND		ug/kg	0.45	0.14	1
1,3-Dichloropropene, Total	ND		ug/kg	0.45	0.14	1
1,1-Dichloropropene	ND		ug/kg	0.45	0.14	1
Bromoform	ND		ug/kg	3.6	0.22	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.45	0.15	1
Benzene	ND		ug/kg	0.45	0.15	1
Toluene	ND		ug/kg	0.91	0.49	1
Ethylbenzene	ND		ug/kg	0.91	0.13	1
Chloromethane	ND		ug/kg	3.6	0.84	1
Bromomethane	ND		ug/kg	1.8	0.53	1
Vinyl chloride	ND		ug/kg	0.91	0.30	1
Chloroethane	ND		ug/kg	1.8	0.41	1
1,1-Dichloroethene	ND		ug/kg	0.91	0.22	1
trans-1,2-Dichloroethene	ND		ug/kg	1.4	0.12	1

Project Name: SUN VALLEY SITE

Lab Number: L2353480

Project Number: 12060 / PHASE 8

Report Date: 09/20/23

SAMPLE RESULTS

Lab ID: L2353480-02
 Client ID: GRAB_D3(5.5-6)
 Sample Location: OSINING, NY

Date Collected: 09/13/23 09:50
 Date Received: 09/13/23
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Trichloroethene	ND		ug/kg	0.45	0.12	1
1,2-Dichlorobenzene	ND		ug/kg	1.8	0.13	1
1,3-Dichlorobenzene	ND		ug/kg	1.8	0.13	1
1,4-Dichlorobenzene	ND		ug/kg	1.8	0.15	1
Methyl tert butyl ether	ND		ug/kg	1.8	0.18	1
p/m-Xylene	ND		ug/kg	1.8	0.51	1
o-Xylene	ND		ug/kg	0.91	0.26	1
Xylenes, Total	ND		ug/kg	0.91	0.26	1
cis-1,2-Dichloroethene	ND		ug/kg	0.91	0.16	1
1,2-Dichloroethene, Total	ND		ug/kg	0.91	0.12	1
Dibromomethane	ND		ug/kg	1.8	0.22	1
Styrene	ND		ug/kg	0.91	0.18	1
Dichlorodifluoromethane	ND		ug/kg	9.1	0.83	1
Acetone	6.2	J	ug/kg	9.1	4.4	1
Carbon disulfide	ND		ug/kg	9.1	4.1	1
2-Butanone	ND		ug/kg	9.1	2.0	1
Vinyl acetate	ND		ug/kg	9.1	1.9	1
4-Methyl-2-pentanone	ND		ug/kg	9.1	1.2	1
1,2,3-Trichloropropane	ND		ug/kg	1.8	0.12	1
2-Hexanone	ND		ug/kg	9.1	1.1	1
Bromochloromethane	ND		ug/kg	1.8	0.18	1
2,2-Dichloropropane	ND		ug/kg	1.8	0.18	1
1,2-Dibromoethane	ND		ug/kg	0.91	0.25	1
1,3-Dichloropropane	ND		ug/kg	1.8	0.15	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.45	0.12	1
Bromobenzene	ND		ug/kg	1.8	0.13	1
n-Butylbenzene	ND		ug/kg	0.91	0.15	1
sec-Butylbenzene	ND		ug/kg	0.91	0.13	1
tert-Butylbenzene	ND		ug/kg	1.8	0.11	1
o-Chlorotoluene	ND		ug/kg	1.8	0.17	1
p-Chlorotoluene	ND		ug/kg	1.8	0.10	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	2.7	0.90	1
Hexachlorobutadiene	ND		ug/kg	3.6	0.15	1
Isopropylbenzene	ND		ug/kg	0.91	0.10	1
p-Isopropyltoluene	ND		ug/kg	0.91	0.10	1
Naphthalene	ND		ug/kg	3.6	0.59	1
Acrylonitrile	ND		ug/kg	3.6	1.0	1

Project Name: SUN VALLEY SITE
Project Number: 12060 / PHASE 8

Lab Number: L2353480
Report Date: 09/20/23

SAMPLE RESULTS

Lab ID: L2353480-02
Client ID: GRAB_D3(5.5-6)
Sample Location: OSINING, NY

Date Collected: 09/13/23 09:50
Date Received: 09/13/23
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
n-Propylbenzene	ND		ug/kg	0.91	0.15	1
1,2,3-Trichlorobenzene	ND		ug/kg	1.8	0.29	1
1,2,4-Trichlorobenzene	ND		ug/kg	1.8	0.25	1
1,3,5-Trimethylbenzene	ND		ug/kg	1.8	0.17	1
1,2,4-Trimethylbenzene	ND		ug/kg	1.8	0.30	1
1,4-Dioxane	ND		ug/kg	72	32.	1
p-Diethylbenzene	ND		ug/kg	1.8	0.16	1
p-Ethyltoluene	ND		ug/kg	1.8	0.35	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	1.8	0.17	1
Ethyl ether	ND		ug/kg	1.8	0.31	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	4.5	1.3	1

Tentatively Identified Compounds

Total TIC Compounds	2.54	J	ug/kg	1
Cyclotrisiloxane, Hexamethyl-	2.54	NJ	ug/kg	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	102		70-130
Toluene-d8	97		70-130
4-Bromofluorobenzene	100		70-130
Dibromofluoromethane	98		70-130

Project Name: SUN VALLEY SITE
Project Number: 12060 / PHASE 8

Lab Number: L2353480
Report Date: 09/20/23

SAMPLE RESULTS

Lab ID: L2353480-04
Client ID: GRAB_E3(3.5-4)
Sample Location: OSINING, NY

Date Collected: 09/13/23 11:30
Date Received: 09/13/23
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 09/15/23 14:23
Analyst: LAC
Percent Solids: 91%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	4.7	2.2	1
1,1-Dichloroethane	ND		ug/kg	0.94	0.14	1
Chloroform	ND		ug/kg	1.4	0.13	1
Carbon tetrachloride	ND		ug/kg	0.94	0.22	1
1,2-Dichloropropane	ND		ug/kg	0.94	0.12	1
Dibromochloromethane	ND		ug/kg	0.94	0.13	1
1,1,2-Trichloroethane	ND		ug/kg	0.94	0.25	1
Tetrachloroethene	ND		ug/kg	0.47	0.18	1
Chlorobenzene	ND		ug/kg	0.47	0.12	1
Trichlorofluoromethane	ND		ug/kg	3.8	0.65	1
1,2-Dichloroethane	ND		ug/kg	0.94	0.24	1
1,1,1-Trichloroethane	ND		ug/kg	0.47	0.16	1
Bromodichloromethane	ND		ug/kg	0.47	0.10	1
trans-1,3-Dichloropropene	ND		ug/kg	0.94	0.26	1
cis-1,3-Dichloropropene	ND		ug/kg	0.47	0.15	1
1,3-Dichloropropene, Total	ND		ug/kg	0.47	0.15	1
1,1-Dichloropropene	ND		ug/kg	0.47	0.15	1
Bromoform	ND		ug/kg	3.8	0.23	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.47	0.16	1
Benzene	ND		ug/kg	0.47	0.16	1
Toluene	ND		ug/kg	0.94	0.51	1
Ethylbenzene	ND		ug/kg	0.94	0.13	1
Chloromethane	ND		ug/kg	3.8	0.88	1
Bromomethane	ND		ug/kg	1.9	0.54	1
Vinyl chloride	ND		ug/kg	0.94	0.31	1
Chloroethane	ND		ug/kg	1.9	0.42	1
1,1-Dichloroethene	ND		ug/kg	0.94	0.22	1
trans-1,2-Dichloroethene	ND		ug/kg	1.4	0.13	1

Project Name: SUN VALLEY SITE

Lab Number: L2353480

Project Number: 12060 / PHASE 8

Report Date: 09/20/23

SAMPLE RESULTS

Lab ID: L2353480-04
 Client ID: GRAB_E3(3.5-4)
 Sample Location: OSINING, NY

Date Collected: 09/13/23 11:30
 Date Received: 09/13/23
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Trichloroethene	ND		ug/kg	0.47	0.13	1
1,2-Dichlorobenzene	ND		ug/kg	1.9	0.14	1
1,3-Dichlorobenzene	ND		ug/kg	1.9	0.14	1
1,4-Dichlorobenzene	ND		ug/kg	1.9	0.16	1
Methyl tert butyl ether	ND		ug/kg	1.9	0.19	1
p/m-Xylene	ND		ug/kg	1.9	0.53	1
o-Xylene	ND		ug/kg	0.94	0.27	1
Xylenes, Total	ND		ug/kg	0.94	0.27	1
cis-1,2-Dichloroethene	ND		ug/kg	0.94	0.16	1
1,2-Dichloroethene, Total	ND		ug/kg	0.94	0.13	1
Dibromomethane	ND		ug/kg	1.9	0.22	1
Styrene	ND		ug/kg	0.94	0.18	1
Dichlorodifluoromethane	ND		ug/kg	9.4	0.86	1
Acetone	5.8	J	ug/kg	9.4	4.5	1
Carbon disulfide	ND		ug/kg	9.4	4.3	1
2-Butanone	2.7	J	ug/kg	9.4	2.1	1
Vinyl acetate	ND		ug/kg	9.4	2.0	1
4-Methyl-2-pentanone	ND		ug/kg	9.4	1.2	1
1,2,3-Trichloropropane	ND		ug/kg	1.9	0.12	1
2-Hexanone	ND		ug/kg	9.4	1.1	1
Bromochloromethane	ND		ug/kg	1.9	0.19	1
2,2-Dichloropropane	ND		ug/kg	1.9	0.19	1
1,2-Dibromoethane	ND		ug/kg	0.94	0.26	1
1,3-Dichloropropane	ND		ug/kg	1.9	0.16	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.47	0.12	1
Bromobenzene	ND		ug/kg	1.9	0.14	1
n-Butylbenzene	ND		ug/kg	0.94	0.16	1
sec-Butylbenzene	ND		ug/kg	0.94	0.14	1
tert-Butylbenzene	ND		ug/kg	1.9	0.11	1
o-Chlorotoluene	ND		ug/kg	1.9	0.18	1
p-Chlorotoluene	ND		ug/kg	1.9	0.10	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	2.8	0.94	1
Hexachlorobutadiene	ND		ug/kg	3.8	0.16	1
Isopropylbenzene	ND		ug/kg	0.94	0.10	1
p-Isopropyltoluene	ND		ug/kg	0.94	0.10	1
Naphthalene	ND		ug/kg	3.8	0.61	1
Acrylonitrile	ND		ug/kg	3.8	1.1	1

Project Name: SUN VALLEY SITE
Project Number: 12060 / PHASE 8

Lab Number: L2353480
Report Date: 09/20/23

SAMPLE RESULTS

Lab ID: L2353480-04
Client ID: GRAB_E3(3.5-4)
Sample Location: OSINING, NY

Date Collected: 09/13/23 11:30
Date Received: 09/13/23
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
n-Propylbenzene	ND		ug/kg	0.94	0.16	1
1,2,3-Trichlorobenzene	ND		ug/kg	1.9	0.30	1
1,2,4-Trichlorobenzene	ND		ug/kg	1.9	0.26	1
1,3,5-Trimethylbenzene	ND		ug/kg	1.9	0.18	1
1,2,4-Trimethylbenzene	ND		ug/kg	1.9	0.31	1
1,4-Dioxane	ND		ug/kg	75	33.	1
p-Diethylbenzene	ND		ug/kg	1.9	0.17	1
p-Ethyltoluene	ND		ug/kg	1.9	0.36	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	1.9	0.18	1
Ethyl ether	ND		ug/kg	1.9	0.32	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	4.7	1.3	1

Tentatively Identified Compounds

Total TIC Compounds	2.70	J	ug/kg	1
Cyclotrisiloxane, Hexamethyl-	2.70	NJ	ug/kg	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	98		70-130
Toluene-d8	97		70-130
4-Bromofluorobenzene	97		70-130
Dibromofluoromethane	98		70-130

Project Name: SUN VALLEY SITE
Project Number: 12060 / PHASE 8

Lab Number: L2353480
Report Date: 09/20/23

SAMPLE RESULTS

Lab ID: L2353480-06
Client ID: GRAB_F3(4.5-5)
Sample Location: OSINING, NY

Date Collected: 09/13/23 13:00
Date Received: 09/13/23
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 09/15/23 15:02
Analyst: LAC
Percent Solids: 93%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	4.8	2.2	1
1,1-Dichloroethane	ND		ug/kg	0.96	0.14	1
Chloroform	ND		ug/kg	1.4	0.13	1
Carbon tetrachloride	ND		ug/kg	0.96	0.22	1
1,2-Dichloropropane	ND		ug/kg	0.96	0.12	1
Dibromochloromethane	ND		ug/kg	0.96	0.13	1
1,1,2-Trichloroethane	ND		ug/kg	0.96	0.26	1
Tetrachloroethene	ND		ug/kg	0.48	0.19	1
Chlorobenzene	ND		ug/kg	0.48	0.12	1
Trichlorofluoromethane	ND		ug/kg	3.8	0.67	1
1,2-Dichloroethane	ND		ug/kg	0.96	0.25	1
1,1,1-Trichloroethane	ND		ug/kg	0.48	0.16	1
Bromodichloromethane	ND		ug/kg	0.48	0.10	1
trans-1,3-Dichloropropene	ND		ug/kg	0.96	0.26	1
cis-1,3-Dichloropropene	ND		ug/kg	0.48	0.15	1
1,3-Dichloropropene, Total	ND		ug/kg	0.48	0.15	1
1,1-Dichloropropene	ND		ug/kg	0.48	0.15	1
Bromoform	ND		ug/kg	3.8	0.24	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.48	0.16	1
Benzene	ND		ug/kg	0.48	0.16	1
Toluene	ND		ug/kg	0.96	0.52	1
Ethylbenzene	ND		ug/kg	0.96	0.14	1
Chloromethane	ND		ug/kg	3.8	0.90	1
Bromomethane	ND		ug/kg	1.9	0.56	1
Vinyl chloride	ND		ug/kg	0.96	0.32	1
Chloroethane	ND		ug/kg	1.9	0.44	1
1,1-Dichloroethene	ND		ug/kg	0.96	0.23	1
trans-1,2-Dichloroethene	ND		ug/kg	1.4	0.13	1

Project Name: SUN VALLEY SITE**Lab Number:** L2353480**Project Number:** 12060 / PHASE 8**Report Date:** 09/20/23**SAMPLE RESULTS**

Lab ID: L2353480-06
 Client ID: GRAB_F3(4.5-5)
 Sample Location: OSINING, NY

Date Collected: 09/13/23 13:00
 Date Received: 09/13/23
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Trichloroethene	ND		ug/kg	0.48	0.13	1
1,2-Dichlorobenzene	ND		ug/kg	1.9	0.14	1
1,3-Dichlorobenzene	ND		ug/kg	1.9	0.14	1
1,4-Dichlorobenzene	ND		ug/kg	1.9	0.16	1
Methyl tert butyl ether	ND		ug/kg	1.9	0.19	1
p/m-Xylene	ND		ug/kg	1.9	0.54	1
o-Xylene	ND		ug/kg	0.96	0.28	1
Xylenes, Total	ND		ug/kg	0.96	0.28	1
cis-1,2-Dichloroethene	ND		ug/kg	0.96	0.17	1
1,2-Dichloroethene, Total	ND		ug/kg	0.96	0.13	1
Dibromomethane	ND		ug/kg	1.9	0.23	1
Styrene	ND		ug/kg	0.96	0.19	1
Dichlorodifluoromethane	ND		ug/kg	9.6	0.88	1
Acetone	ND		ug/kg	9.6	4.6	1
Carbon disulfide	ND		ug/kg	9.6	4.4	1
2-Butanone	ND		ug/kg	9.6	2.1	1
Vinyl acetate	ND		ug/kg	9.6	2.1	1
4-Methyl-2-pentanone	ND		ug/kg	9.6	1.2	1
1,2,3-Trichloropropane	ND		ug/kg	1.9	0.12	1
2-Hexanone	ND		ug/kg	9.6	1.1	1
Bromochloromethane	ND		ug/kg	1.9	0.20	1
2,2-Dichloropropane	ND		ug/kg	1.9	0.19	1
1,2-Dibromoethane	ND		ug/kg	0.96	0.27	1
1,3-Dichloropropane	ND		ug/kg	1.9	0.16	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.48	0.13	1
Bromobenzene	ND		ug/kg	1.9	0.14	1
n-Butylbenzene	ND		ug/kg	0.96	0.16	1
sec-Butylbenzene	ND		ug/kg	0.96	0.14	1
tert-Butylbenzene	ND		ug/kg	1.9	0.11	1
o-Chlorotoluene	ND		ug/kg	1.9	0.18	1
p-Chlorotoluene	ND		ug/kg	1.9	0.10	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	2.9	0.96	1
Hexachlorobutadiene	ND		ug/kg	3.8	0.16	1
Isopropylbenzene	ND		ug/kg	0.96	0.10	1
p-Isopropyltoluene	ND		ug/kg	0.96	0.10	1
Naphthalene	ND		ug/kg	3.8	0.63	1
Acrylonitrile	ND		ug/kg	3.8	1.1	1

Project Name: SUN VALLEY SITE
Project Number: 12060 / PHASE 8

Lab Number: L2353480
Report Date: 09/20/23

SAMPLE RESULTS

Lab ID: L2353480-06
Client ID: GRAB_F3(4.5-5)
Sample Location: OSINING, NY

Date Collected: 09/13/23 13:00
Date Received: 09/13/23
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
n-Propylbenzene	ND		ug/kg	0.96	0.16	1
1,2,3-Trichlorobenzene	ND		ug/kg	1.9	0.31	1
1,2,4-Trichlorobenzene	ND		ug/kg	1.9	0.26	1
1,3,5-Trimethylbenzene	ND		ug/kg	1.9	0.19	1
1,2,4-Trimethylbenzene	ND		ug/kg	1.9	0.32	1
1,4-Dioxane	ND		ug/kg	77	34.	1
p-Diethylbenzene	ND		ug/kg	1.9	0.17	1
p-Ethyltoluene	ND		ug/kg	1.9	0.37	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	1.9	0.18	1
Ethyl ether	ND		ug/kg	1.9	0.33	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	4.8	1.4	1

Tentatively Identified Compounds

Total TIC Compounds	2.23	J	ug/kg	1
Cyclotrisiloxane, Hexamethyl-	2.23	NJ	ug/kg	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	101		70-130
Toluene-d8	97		70-130
4-Bromofluorobenzene	99		70-130
Dibromofluoromethane	98		70-130

Project Name: SUN VALLEY SITE
Project Number: 12060 / PHASE 8

Lab Number: L2353480
Report Date: 09/20/23

SAMPLE RESULTS

Lab ID: L2353480-08
Client ID: GRAB_F2(4.5-5)
Sample Location: OSINING, NY

Date Collected: 09/13/23 14:45
Date Received: 09/13/23
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 09/15/23 15:41
Analyst: LAC
Percent Solids: 93%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	4.3	2.0	1
1,1-Dichloroethane	ND		ug/kg	0.86	0.12	1
Chloroform	ND		ug/kg	1.3	0.12	1
Carbon tetrachloride	ND		ug/kg	0.86	0.20	1
1,2-Dichloropropane	ND		ug/kg	0.86	0.11	1
Dibromochloromethane	ND		ug/kg	0.86	0.12	1
1,1,2-Trichloroethane	ND		ug/kg	0.86	0.23	1
Tetrachloroethene	ND		ug/kg	0.43	0.17	1
Chlorobenzene	ND		ug/kg	0.43	0.11	1
Trichlorofluoromethane	ND		ug/kg	3.4	0.60	1
1,2-Dichloroethane	ND		ug/kg	0.86	0.22	1
1,1,1-Trichloroethane	ND		ug/kg	0.43	0.14	1
Bromodichloromethane	ND		ug/kg	0.43	0.09	1
trans-1,3-Dichloropropene	ND		ug/kg	0.86	0.23	1
cis-1,3-Dichloropropene	ND		ug/kg	0.43	0.14	1
1,3-Dichloropropene, Total	ND		ug/kg	0.43	0.14	1
1,1-Dichloropropene	ND		ug/kg	0.43	0.14	1
Bromoform	ND		ug/kg	3.4	0.21	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.43	0.14	1
Benzene	ND		ug/kg	0.43	0.14	1
Toluene	ND		ug/kg	0.86	0.47	1
Ethylbenzene	ND		ug/kg	0.86	0.12	1
Chloromethane	ND		ug/kg	3.4	0.80	1
Bromomethane	ND		ug/kg	1.7	0.50	1
Vinyl chloride	ND		ug/kg	0.86	0.29	1
Chloroethane	ND		ug/kg	1.7	0.39	1
1,1-Dichloroethene	ND		ug/kg	0.86	0.20	1
trans-1,2-Dichloroethene	ND		ug/kg	1.3	0.12	1

Project Name: SUN VALLEY SITE**Lab Number:** L2353480**Project Number:** 12060 / PHASE 8**Report Date:** 09/20/23**SAMPLE RESULTS**

Lab ID: L2353480-08
 Client ID: GRAB_F2(4.5-5)
 Sample Location: OSINING, NY

Date Collected: 09/13/23 14:45
 Date Received: 09/13/23
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Trichloroethene	ND		ug/kg	0.43	0.12	1
1,2-Dichlorobenzene	ND		ug/kg	1.7	0.12	1
1,3-Dichlorobenzene	ND		ug/kg	1.7	0.13	1
1,4-Dichlorobenzene	ND		ug/kg	1.7	0.15	1
Methyl tert butyl ether	ND		ug/kg	1.7	0.17	1
p/m-Xylene	ND		ug/kg	1.7	0.48	1
o-Xylene	ND		ug/kg	0.86	0.25	1
Xylenes, Total	ND		ug/kg	0.86	0.25	1
cis-1,2-Dichloroethene	ND		ug/kg	0.86	0.15	1
1,2-Dichloroethene, Total	ND		ug/kg	0.86	0.12	1
Dibromomethane	ND		ug/kg	1.7	0.20	1
Styrene	ND		ug/kg	0.86	0.17	1
Dichlorodifluoromethane	ND		ug/kg	8.6	0.78	1
Acetone	ND		ug/kg	8.6	4.1	1
Carbon disulfide	ND		ug/kg	8.6	3.9	1
2-Butanone	ND		ug/kg	8.6	1.9	1
Vinyl acetate	ND		ug/kg	8.6	1.8	1
4-Methyl-2-pentanone	ND		ug/kg	8.6	1.1	1
1,2,3-Trichloropropane	ND		ug/kg	1.7	0.11	1
2-Hexanone	ND		ug/kg	8.6	1.0	1
Bromochloromethane	ND		ug/kg	1.7	0.18	1
2,2-Dichloropropane	ND		ug/kg	1.7	0.17	1
1,2-Dibromoethane	ND		ug/kg	0.86	0.24	1
1,3-Dichloropropane	ND		ug/kg	1.7	0.14	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.43	0.11	1
Bromobenzene	ND		ug/kg	1.7	0.12	1
n-Butylbenzene	ND		ug/kg	0.86	0.14	1
sec-Butylbenzene	ND		ug/kg	0.86	0.12	1
tert-Butylbenzene	ND		ug/kg	1.7	0.10	1
o-Chlorotoluene	ND		ug/kg	1.7	0.16	1
p-Chlorotoluene	ND		ug/kg	1.7	0.09	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	2.6	0.86	1
Hexachlorobutadiene	ND		ug/kg	3.4	0.14	1
Isopropylbenzene	ND		ug/kg	0.86	0.09	1
p-Isopropyltoluene	ND		ug/kg	0.86	0.09	1
Naphthalene	ND		ug/kg	3.4	0.56	1
Acrylonitrile	ND		ug/kg	3.4	0.99	1

Project Name: SUN VALLEY SITE
Project Number: 12060 / PHASE 8

Lab Number: L2353480
Report Date: 09/20/23

SAMPLE RESULTS

Lab ID: L2353480-08
Client ID: GRAB_F2(4.5-5)
Sample Location: OSINING, NY

Date Collected: 09/13/23 14:45
Date Received: 09/13/23
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
n-Propylbenzene	ND		ug/kg	0.86	0.15	1
1,2,3-Trichlorobenzene	ND		ug/kg	1.7	0.28	1
1,2,4-Trichlorobenzene	ND		ug/kg	1.7	0.23	1
1,3,5-Trimethylbenzene	ND		ug/kg	1.7	0.16	1
1,2,4-Trimethylbenzene	ND		ug/kg	1.7	0.29	1
1,4-Dioxane	ND		ug/kg	69	30.	1
p-Diethylbenzene	ND		ug/kg	1.7	0.15	1
p-Ethyltoluene	ND		ug/kg	1.7	0.33	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	1.7	0.16	1
Ethyl ether	ND		ug/kg	1.7	0.29	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	4.3	1.2	1

Tentatively Identified Compounds

Total TIC Compounds	1.77	J	ug/kg	1
Cyclotrisiloxane, Hexamethyl-	1.77	NJ	ug/kg	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	101		70-130
Toluene-d8	96		70-130
4-Bromofluorobenzene	98		70-130
Dibromofluoromethane	99		70-130

Project Name: SUN VALLEY SITE
Project Number: 12060 / PHASE 8

Lab Number: L2353480
Report Date: 09/20/23

SAMPLE RESULTS

Lab ID: L2353480-10
Client ID: GRAB_F2(10-10.5)
Sample Location: OSINING, NY

Date Collected: 09/13/23 15:45
Date Received: 09/13/23
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 09/15/23 16:21
Analyst: JIC
Percent Solids: 93%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	5.1	2.4	1
1,1-Dichloroethane	ND		ug/kg	1.0	0.15	1
Chloroform	ND		ug/kg	1.5	0.14	1
Carbon tetrachloride	ND		ug/kg	1.0	0.24	1
1,2-Dichloropropane	ND		ug/kg	1.0	0.13	1
Dibromochloromethane	ND		ug/kg	1.0	0.14	1
1,1,2-Trichloroethane	ND		ug/kg	1.0	0.27	1
Tetrachloroethene	ND		ug/kg	0.51	0.20	1
Chlorobenzene	ND		ug/kg	0.51	0.13	1
Trichlorofluoromethane	ND		ug/kg	4.1	0.71	1
1,2-Dichloroethane	ND		ug/kg	1.0	0.26	1
1,1,1-Trichloroethane	ND		ug/kg	0.51	0.17	1
Bromodichloromethane	ND		ug/kg	0.51	0.11	1
trans-1,3-Dichloropropene	ND		ug/kg	1.0	0.28	1
cis-1,3-Dichloropropene	ND		ug/kg	0.51	0.16	1
1,3-Dichloropropene, Total	ND		ug/kg	0.51	0.16	1
1,1-Dichloropropene	ND		ug/kg	0.51	0.16	1
Bromoform	ND		ug/kg	4.1	0.25	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.51	0.17	1
Benzene	ND		ug/kg	0.51	0.17	1
Toluene	ND		ug/kg	1.0	0.56	1
Ethylbenzene	ND		ug/kg	1.0	0.14	1
Chloromethane	ND		ug/kg	4.1	0.96	1
Bromomethane	ND		ug/kg	2.0	0.60	1
Vinyl chloride	ND		ug/kg	1.0	0.34	1
Chloroethane	ND		ug/kg	2.0	0.46	1
1,1-Dichloroethene	ND		ug/kg	1.0	0.24	1
trans-1,2-Dichloroethene	ND		ug/kg	1.5	0.14	1

Project Name: SUN VALLEY SITE**Lab Number:** L2353480**Project Number:** 12060 / PHASE 8**Report Date:** 09/20/23**SAMPLE RESULTS**

Lab ID: L2353480-10
 Client ID: GRAB_F2(10-10.5)
 Sample Location: OSINING, NY

Date Collected: 09/13/23 15:45
 Date Received: 09/13/23
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Trichloroethene	ND		ug/kg	0.51	0.14	1
1,2-Dichlorobenzene	ND		ug/kg	2.0	0.15	1
1,3-Dichlorobenzene	ND		ug/kg	2.0	0.15	1
1,4-Dichlorobenzene	ND		ug/kg	2.0	0.18	1
Methyl tert butyl ether	ND		ug/kg	2.0	0.21	1
p/m-Xylene	ND		ug/kg	2.0	0.58	1
o-Xylene	ND		ug/kg	1.0	0.30	1
Xylenes, Total	ND		ug/kg	1.0	0.30	1
cis-1,2-Dichloroethene	ND		ug/kg	1.0	0.18	1
1,2-Dichloroethene, Total	ND		ug/kg	1.0	0.14	1
Dibromomethane	ND		ug/kg	2.0	0.24	1
Styrene	ND		ug/kg	1.0	0.20	1
Dichlorodifluoromethane	ND		ug/kg	10	0.94	1
Acetone	ND		ug/kg	10	4.9	1
Carbon disulfide	ND		ug/kg	10	4.7	1
2-Butanone	ND		ug/kg	10	2.3	1
Vinyl acetate	ND		ug/kg	10	2.2	1
4-Methyl-2-pentanone	ND		ug/kg	10	1.3	1
1,2,3-Trichloropropane	ND		ug/kg	2.0	0.13	1
2-Hexanone	ND		ug/kg	10	1.2	1
Bromochloromethane	ND		ug/kg	2.0	0.21	1
2,2-Dichloropropane	ND		ug/kg	2.0	0.21	1
1,2-Dibromoethane	ND		ug/kg	1.0	0.29	1
1,3-Dichloropropane	ND		ug/kg	2.0	0.17	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.51	0.14	1
Bromobenzene	ND		ug/kg	2.0	0.15	1
n-Butylbenzene	ND		ug/kg	1.0	0.17	1
sec-Butylbenzene	ND		ug/kg	1.0	0.15	1
tert-Butylbenzene	ND		ug/kg	2.0	0.12	1
o-Chlorotoluene	ND		ug/kg	2.0	0.20	1
p-Chlorotoluene	ND		ug/kg	2.0	0.11	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.1	1.0	1
Hexachlorobutadiene	ND		ug/kg	4.1	0.17	1
Isopropylbenzene	ND		ug/kg	1.0	0.11	1
p-Isopropyltoluene	ND		ug/kg	1.0	0.11	1
Naphthalene	ND		ug/kg	4.1	0.67	1
Acrylonitrile	ND		ug/kg	4.1	1.2	1

Project Name: SUN VALLEY SITE**Lab Number:** L2353480**Project Number:** 12060 / PHASE 8**Report Date:** 09/20/23**SAMPLE RESULTS**

Lab ID: L2353480-10
 Client ID: GRAB_F2(10-10.5)
 Sample Location: OSINING, NY

Date Collected: 09/13/23 15:45
 Date Received: 09/13/23
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
n-Propylbenzene	ND		ug/kg	1.0	0.18	1
1,2,3-Trichlorobenzene	ND		ug/kg	2.0	0.33	1
1,2,4-Trichlorobenzene	ND		ug/kg	2.0	0.28	1
1,3,5-Trimethylbenzene	ND		ug/kg	2.0	0.20	1
1,2,4-Trimethylbenzene	ND		ug/kg	2.0	0.34	1
1,4-Dioxane	ND		ug/kg	82	36.	1
p-Diethylbenzene	ND		ug/kg	2.0	0.18	1
p-Ethyltoluene	ND		ug/kg	2.0	0.39	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	2.0	0.20	1
Ethyl ether	ND		ug/kg	2.0	0.35	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	5.1	1.5	1

Tentatively Identified Compounds

Total TIC Compounds	2.24	J	ug/kg	1
Cyclotrisiloxane, Hexamethyl-	2.24	NJ	ug/kg	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	102		70-130
Toluene-d8	96		70-130
4-Bromofluorobenzene	99		70-130
Dibromofluoromethane	99		70-130

Project Name: SUN VALLEY SITE
Project Number: 12060 / PHASE 8

Lab Number: L2353480
Report Date: 09/20/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 09/15/23 10:29
Analyst: MKS

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 02,04,06,08,10 Batch: WG1828699-5					
Methylene chloride	ND		ug/kg	5.0	2.3
1,1-Dichloroethane	ND		ug/kg	1.0	0.14
Chloroform	ND		ug/kg	1.5	0.14
Carbon tetrachloride	ND		ug/kg	1.0	0.23
1,2-Dichloropropane	ND		ug/kg	1.0	0.12
Dibromochloromethane	ND		ug/kg	1.0	0.14
1,1,2-Trichloroethane	ND		ug/kg	1.0	0.27
Tetrachloroethene	ND		ug/kg	0.50	0.20
Chlorobenzene	ND		ug/kg	0.50	0.13
Trichlorofluoromethane	ND		ug/kg	4.0	0.70
1,2-Dichloroethane	ND		ug/kg	1.0	0.26
1,1,1-Trichloroethane	ND		ug/kg	0.50	0.17
Bromodichloromethane	ND		ug/kg	0.50	0.11
trans-1,3-Dichloropropene	ND		ug/kg	1.0	0.27
cis-1,3-Dichloropropene	ND		ug/kg	0.50	0.16
1,3-Dichloropropene, Total	ND		ug/kg	0.50	0.16
1,1-Dichloropropene	ND		ug/kg	0.50	0.16
Bromoform	ND		ug/kg	4.0	0.25
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.50	0.17
Benzene	ND		ug/kg	0.50	0.17
Toluene	ND		ug/kg	1.0	0.54
Ethylbenzene	ND		ug/kg	1.0	0.14
Chloromethane	ND		ug/kg	4.0	0.93
Bromomethane	ND		ug/kg	2.0	0.58
Vinyl chloride	ND		ug/kg	1.0	0.34
Chloroethane	ND		ug/kg	2.0	0.45
1,1-Dichloroethene	ND		ug/kg	1.0	0.24
trans-1,2-Dichloroethene	ND		ug/kg	1.5	0.14
Trichloroethene	ND		ug/kg	0.50	0.14

Project Name: SUN VALLEY SITE
Project Number: 12060 / PHASE 8

Lab Number: L2353480
Report Date: 09/20/23

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8260D
 Analytical Date: 09/15/23 10:29
 Analyst: MKS

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 02,04,06,08,10 Batch: WG1828699-5					
1,2-Dichlorobenzene	ND		ug/kg	2.0	0.14
1,3-Dichlorobenzene	ND		ug/kg	2.0	0.15
1,4-Dichlorobenzene	ND		ug/kg	2.0	0.17
Methyl tert butyl ether	ND		ug/kg	2.0	0.20
p/m-Xylene	ND		ug/kg	2.0	0.56
o-Xylene	ND		ug/kg	1.0	0.29
Xylenes, Total	ND		ug/kg	1.0	0.29
cis-1,2-Dichloroethene	ND		ug/kg	1.0	0.18
1,2-Dichloroethene, Total	ND		ug/kg	1.0	0.14
Dibromomethane	ND		ug/kg	2.0	0.24
Styrene	ND		ug/kg	1.0	0.20
Dichlorodifluoromethane	ND		ug/kg	10	0.92
Acetone	ND		ug/kg	10	4.8
Carbon disulfide	ND		ug/kg	10	4.6
2-Butanone	ND		ug/kg	10	2.2
Vinyl acetate	ND		ug/kg	10	2.2
4-Methyl-2-pentanone	ND		ug/kg	10	1.3
1,2,3-Trichloropropane	ND		ug/kg	2.0	0.13
2-Hexanone	ND		ug/kg	10	1.2
Bromochloromethane	ND		ug/kg	2.0	0.20
2,2-Dichloropropane	ND		ug/kg	2.0	0.20
1,2-Dibromoethane	ND		ug/kg	1.0	0.28
1,3-Dichloropropane	ND		ug/kg	2.0	0.17
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.50	0.13
Bromobenzene	ND		ug/kg	2.0	0.14
n-Butylbenzene	ND		ug/kg	1.0	0.17
sec-Butylbenzene	ND		ug/kg	1.0	0.15
tert-Butylbenzene	ND		ug/kg	2.0	0.12
o-Chlorotoluene	ND		ug/kg	2.0	0.19

Project Name: SUN VALLEY SITE
Project Number: 12060 / PHASE 8

Lab Number: L2353480
Report Date: 09/20/23

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8260D
 Analytical Date: 09/15/23 10:29
 Analyst: MKS

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 02,04,06,08,10 Batch: WG1828699-5					
p-Chlorotoluene	ND		ug/kg	2.0	0.11
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.0	1.0
Hexachlorobutadiene	ND		ug/kg	4.0	0.17
Isopropylbenzene	ND		ug/kg	1.0	0.11
p-Isopropyltoluene	ND		ug/kg	1.0	0.11
Naphthalene	ND		ug/kg	4.0	0.65
Acrylonitrile	ND		ug/kg	4.0	1.2
n-Propylbenzene	ND		ug/kg	1.0	0.17
1,2,3-Trichlorobenzene	ND		ug/kg	2.0	0.32
1,2,4-Trichlorobenzene	ND		ug/kg	2.0	0.27
1,3,5-Trimethylbenzene	ND		ug/kg	2.0	0.19
1,2,4-Trimethylbenzene	ND		ug/kg	2.0	0.33
1,4-Dioxane	ND		ug/kg	80	35.
p-Diethylbenzene	ND		ug/kg	2.0	0.18
p-Ethyltoluene	ND		ug/kg	2.0	0.38
1,2,4,5-Tetramethylbenzene	ND		ug/kg	2.0	0.19
Ethyl ether	ND		ug/kg	2.0	0.34
trans-1,4-Dichloro-2-butene	ND		ug/kg	5.0	1.4

Tentatively Identified Compounds

Total TIC Compounds	7.77	J	ug/kg
Unknown	2.28	J	ug/kg
Cyclotrisiloxane, Hexamethyl-	5.49	NJ	ug/kg

Project Name: SUN VALLEY SITE
Project Number: 12060 / PHASE 8

Lab Number: L2353480
Report Date: 09/20/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 09/15/23 10:29
Analyst: MKS

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 02,04,06,08,10 Batch: WG1828699-5					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	98		70-130
Toluene-d8	98		70-130
4-Bromofluorobenzene	97		70-130
Dibromofluoromethane	91		70-130

Lab Control Sample Analysis Batch Quality Control

Project Name: SUN VALLEY SITE

Project Number: 12060 / PHASE 8

Lab Number: L2353480

Report Date: 09/20/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 02,04,06,08,10 Batch: WG1828699-3 WG1828699-4								
Methylene chloride	81		82		70-130	1		30
1,1-Dichloroethane	83		84		70-130	1		30
Chloroform	86		85		70-130	1		30
Carbon tetrachloride	79		80		70-130	1		30
1,2-Dichloropropane	85		86		70-130	1		30
Dibromochloromethane	102		101		70-130	1		30
1,1,2-Trichloroethane	95		93		70-130	2		30
Tetrachloroethene	92		93		70-130	1		30
Chlorobenzene	91		91		70-130	0		30
Trichlorofluoromethane	81		82		70-139	1		30
1,2-Dichloroethane	90		88		70-130	2		30
1,1,1-Trichloroethane	87		88		70-130	1		30
Bromodichloromethane	92		91		70-130	1		30
trans-1,3-Dichloropropene	95		94		70-130	1		30
cis-1,3-Dichloropropene	93		93		70-130	0		30
1,1-Dichloropropene	83		85		70-130	2		30
Bromoform	106		104		70-130	2		30
1,1,2,2-Tetrachloroethane	102		98		70-130	4		30
Benzene	84		84		70-130	0		30
Toluene	79		80		70-130	1		30
Ethylbenzene	85		86		70-130	1		30
Chloromethane	68		68		52-130	0		30
Bromomethane	94		96		57-147	2		30

Lab Control Sample Analysis **Batch Quality Control**

Project Name: SUN VALLEY SITE

Project Number: 12060 / PHASE 8

Lab Number: L2353480

Report Date: 09/20/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 02,04,06,08,10 Batch: WG1828699-3 WG1828699-4								
Vinyl chloride	73		74		67-130	1		30
Chloroethane	78		79		50-151	1		30
1,1-Dichloroethene	82		84		65-135	2		30
trans-1,2-Dichloroethene	84		84		70-130	0		30
Trichloroethene	86		88		70-130	2		30
1,2-Dichlorobenzene	96		96		70-130	0		30
1,3-Dichlorobenzene	96		95		70-130	1		30
1,4-Dichlorobenzene	96		95		70-130	1		30
Methyl tert butyl ether	94		92		66-130	2		30
p/m-Xylene	85		86		70-130	1		30
o-Xylene	91		92		70-130	1		30
cis-1,2-Dichloroethene	85		86		70-130	1		30
Dibromomethane	95		93		70-130	2		30
Styrene	92		92		70-130	0		30
Dichlorodifluoromethane	59		60		30-146	2		30
Acetone	116		107		54-140	8		30
Carbon disulfide	72		73		59-130	1		30
2-Butanone	110		100		70-130	10		30
Vinyl acetate	92		88		70-130	4		30
4-Methyl-2-pentanone	106		100		70-130	6		30
1,2,3-Trichloropropane	101		96		68-130	5		30
2-Hexanone	108		101		70-130	7		30
Bromochloromethane	96		95		70-130	1		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: SUN VALLEY SITE

Project Number: 12060 / PHASE 8

Lab Number: L2353480

Report Date: 09/20/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 02,04,06,08,10 Batch: WG1828699-3 WG1828699-4								
2,2-Dichloropropane	84		85		70-130	1		30
1,2-Dibromoethane	104		102		70-130	2		30
1,3-Dichloropropane	94		92		69-130	2		30
1,1,1,2-Tetrachloroethane	95		95		70-130	0		30
Bromobenzene	97		96		70-130	1		30
n-Butylbenzene	87		88		70-130	1		30
sec-Butylbenzene	88		89		70-130	1		30
tert-Butylbenzene	89		90		70-130	1		30
o-Chlorotoluene	86		87		70-130	1		30
p-Chlorotoluene	88		88		70-130	0		30
1,2-Dibromo-3-chloropropane	101		96		68-130	5		30
Hexachlorobutadiene	97		99		67-130	2		30
Isopropylbenzene	88		89		70-130	1		30
p-Isopropyltoluene	90		91		70-130	1		30
Naphthalene	121		117		70-130	3		30
Acrylonitrile	107		99		70-130	8		30
n-Propylbenzene	87		88		70-130	1		30
1,2,3-Trichlorobenzene	120		120		70-130	0		30
1,2,4-Trichlorobenzene	112		110		70-130	2		30
1,3,5-Trimethylbenzene	89		90		70-130	1		30
1,2,4-Trimethylbenzene	91		91		70-130	0		30
1,4-Dioxane	120		110		65-136	9		30
p-Diethylbenzene	92		92		70-130	0		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: SUN VALLEY SITE

Project Number: 12060 / PHASE 8

Lab Number: L2353480

Report Date: 09/20/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 02,04,06,08,10 Batch: WG1828699-3 WG1828699-4								
p-Ethyltoluene	90		90		70-130	0		30
1,2,4,5-Tetramethylbenzene	99		98		70-130	1		30
Ethyl ether	91		90		67-130	1		30
trans-1,4-Dichloro-2-butene	100		96		70-130	4		30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	98		94		70-130
Toluene-d8	97		96		70-130
4-Bromofluorobenzene	97		96		70-130
Dibromofluoromethane	99		98		70-130

SEMIVOLATILES

Project Name: SUN VALLEY SITE
Project Number: 12060 / PHASE 8

Lab Number: L2353480
Report Date: 09/20/23

SAMPLE RESULTS

Lab ID: L2353480-01
Client ID: COMP_D3(0-7)
Sample Location: OSINING, NY

Date Collected: 09/13/23 09:50
Date Received: 09/13/23
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 09/15/23 01:10
Analyst: CMM
Percent Solids: 85%

Extraction Method: EPA 3546
Extraction Date: 09/14/23 11:23

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	160	20.	1
1,2,4-Trichlorobenzene	ND		ug/kg	200	22.	1
Hexachlorobenzene	ND		ug/kg	120	22.	1
Bis(2-chloroethyl)ether	ND		ug/kg	180	26.	1
2-Chloronaphthalene	ND		ug/kg	200	19.	1
1,2-Dichlorobenzene	ND		ug/kg	200	35.	1
1,3-Dichlorobenzene	ND		ug/kg	200	34.	1
1,4-Dichlorobenzene	ND		ug/kg	200	34.	1
3,3'-Dichlorobenzidine	ND		ug/kg	200	52.	1
2,4-Dinitrotoluene	ND		ug/kg	200	39.	1
2,6-Dinitrotoluene	ND		ug/kg	200	33.	1
Fluoranthene	ND		ug/kg	120	22.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	200	21.	1
4-Bromophenyl phenyl ether	ND		ug/kg	200	30.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	230	33.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	210	20.	1
Hexachlorobutadiene	ND		ug/kg	200	28.	1
Hexachlorocyclopentadiene	ND		ug/kg	560	180	1
Hexachloroethane	ND		ug/kg	160	32.	1
Isophorone	ND		ug/kg	180	25.	1
Naphthalene	ND		ug/kg	200	24.	1
Nitrobenzene	ND		ug/kg	180	29.	1
NDPA/DPA	ND		ug/kg	160	22.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	200	30.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	200	68.	1
Butyl benzyl phthalate	ND		ug/kg	200	49.	1
Di-n-butylphthalate	ND		ug/kg	200	37.	1
Di-n-octylphthalate	ND		ug/kg	200	66.	1

Project Name: SUN VALLEY SITE

Lab Number: L2353480

Project Number: 12060 / PHASE 8

Report Date: 09/20/23

SAMPLE RESULTS

Lab ID: L2353480-01
 Client ID: COMP_D3(0-7)
 Sample Location: OSINING, NY

Date Collected: 09/13/23 09:50
 Date Received: 09/13/23
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Diethyl phthalate	ND		ug/kg	200	18.	1
Dimethyl phthalate	ND		ug/kg	200	41.	1
Benzo(a)anthracene	ND		ug/kg	120	22.	1
Benzo(a)pyrene	ND		ug/kg	160	48.	1
Benzo(b)fluoranthene	ND		ug/kg	120	33.	1
Benzo(k)fluoranthene	ND		ug/kg	120	31.	1
Chrysene	ND		ug/kg	120	20.	1
Acenaphthylene	ND		ug/kg	160	30.	1
Anthracene	ND		ug/kg	120	38.	1
Benzo(ghi)perylene	ND		ug/kg	160	23.	1
Fluorene	ND		ug/kg	200	19.	1
Phenanthrene	ND		ug/kg	120	24.	1
Dibenzo(a,h)anthracene	ND		ug/kg	120	22.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	160	27.	1
Pyrene	ND		ug/kg	120	19.	1
Biphenyl	ND		ug/kg	440	25.	1
4-Chloroaniline	ND		ug/kg	200	36.	1
2-Nitroaniline	ND		ug/kg	200	38.	1
3-Nitroaniline	ND		ug/kg	200	37.	1
4-Nitroaniline	ND		ug/kg	200	81.	1
Dibenzofuran	ND		ug/kg	200	18.	1
2-Methylnaphthalene	ND		ug/kg	230	24.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	200	20.	1
Acetophenone	ND		ug/kg	200	24.	1
2,4,6-Trichlorophenol	ND		ug/kg	120	37.	1
p-Chloro-m-cresol	ND		ug/kg	200	29.	1
2-Chlorophenol	ND		ug/kg	200	23.	1
2,4-Dichlorophenol	ND		ug/kg	180	31.	1
2,4-Dimethylphenol	ND		ug/kg	200	64.	1
2-Nitrophenol	ND		ug/kg	420	73.	1
4-Nitrophenol	ND		ug/kg	270	80.	1
2,4-Dinitrophenol	ND		ug/kg	940	91.	1
4,6-Dinitro-o-cresol	ND		ug/kg	510	94.	1
Pentachlorophenol	ND		ug/kg	160	43.	1
Phenol	ND		ug/kg	200	29.	1
2-Methylphenol	ND		ug/kg	200	30.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	280	30.	1

Project Name: SUN VALLEY SITE
Project Number: 12060 / PHASE 8

Lab Number: L2353480
Report Date: 09/20/23

SAMPLE RESULTS

Lab ID: L2353480-01
Client ID: COMP_D3(0-7)
Sample Location: OSINING, NY

Date Collected: 09/13/23 09:50
Date Received: 09/13/23
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	200	37.	1
Benzoic Acid	ND		ug/kg	630	200	1
Benzyl Alcohol	ND		ug/kg	200	60.	1
Carbazole	ND		ug/kg	200	19.	1
1,4-Dioxane	ND		ug/kg	29	9.0	1

Tentatively Identified Compounds

Total TIC Compounds	4020	J	ug/kg			1
Unknown Organic Acid	301	J	ug/kg			1
Unknown	338	J	ug/kg			1
Unknown	634	J	ug/kg			1
Unknown Organic Acid	188	J	ug/kg			1
Unknown	1330	J	ug/kg			1
Unknown	172	J	ug/kg			1
Unknown	355	J	ug/kg			1
Unknown	703	J	ug/kg			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	76		25-120
Phenol-d6	74		10-120
Nitrobenzene-d5	67		23-120
2-Fluorobiphenyl	61		30-120
2,4,6-Tribromophenol	75		10-136
4-Terphenyl-d14	60		18-120

Project Name: SUN VALLEY SITE
Project Number: 12060 / PHASE 8

Lab Number: L2353480
Report Date: 09/20/23

SAMPLE RESULTS

Lab ID: L2353480-03
Client ID: COMP_E3(0-6)
Sample Location: OSINING, NY

Date Collected: 09/13/23 11:30
Date Received: 09/13/23
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 09/14/23 23:36
Analyst: CMM
Percent Solids: 91%

Extraction Method: EPA 3546
Extraction Date: 09/14/23 11:23

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	150	19.	1
1,2,4-Trichlorobenzene	ND		ug/kg	180	21.	1
Hexachlorobenzene	ND		ug/kg	110	20.	1
Bis(2-chloroethyl)ether	ND		ug/kg	160	25.	1
2-Chloronaphthalene	ND		ug/kg	180	18.	1
1,2-Dichlorobenzene	ND		ug/kg	180	33.	1
1,3-Dichlorobenzene	ND		ug/kg	180	31.	1
1,4-Dichlorobenzene	ND		ug/kg	180	32.	1
3,3'-Dichlorobenzidine	ND		ug/kg	180	48.	1
2,4-Dinitrotoluene	ND		ug/kg	180	36.	1
2,6-Dinitrotoluene	ND		ug/kg	180	31.	1
Fluoranthene	ND		ug/kg	110	21.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	180	20.	1
4-Bromophenyl phenyl ether	ND		ug/kg	180	28.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	220	31.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	200	18.	1
Hexachlorobutadiene	ND		ug/kg	180	27.	1
Hexachlorocyclopentadiene	ND		ug/kg	520	160	1
Hexachloroethane	ND		ug/kg	150	30.	1
Isophorone	ND		ug/kg	160	24.	1
Naphthalene	ND		ug/kg	180	22.	1
Nitrobenzene	ND		ug/kg	160	27.	1
NDPA/DPA	ND		ug/kg	150	21.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	180	28.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	180	63.	1
Butyl benzyl phthalate	ND		ug/kg	180	46.	1
Di-n-butylphthalate	ND		ug/kg	180	35.	1
Di-n-octylphthalate	ND		ug/kg	180	62.	1

Project Name: SUN VALLEY SITE

Lab Number: L2353480

Project Number: 12060 / PHASE 8

Report Date: 09/20/23

SAMPLE RESULTS

Lab ID: L2353480-03
 Client ID: COMP_E3(0-6)
 Sample Location: OSINING, NY

Date Collected: 09/13/23 11:30
 Date Received: 09/13/23
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Diethyl phthalate	ND		ug/kg	180	17.	1
Dimethyl phthalate	ND		ug/kg	180	38.	1
Benzo(a)anthracene	ND		ug/kg	110	20.	1
Benzo(a)pyrene	ND		ug/kg	150	44.	1
Benzo(b)fluoranthene	ND		ug/kg	110	31.	1
Benzo(k)fluoranthene	ND		ug/kg	110	29.	1
Chrysene	ND		ug/kg	110	19.	1
Acenaphthylene	ND		ug/kg	150	28.	1
Anthracene	ND		ug/kg	110	36.	1
Benzo(ghi)perylene	ND		ug/kg	150	21.	1
Fluorene	ND		ug/kg	180	18.	1
Phenanthrene	ND		ug/kg	110	22.	1
Dibenzo(a,h)anthracene	ND		ug/kg	110	21.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	150	25.	1
Pyrene	ND		ug/kg	110	18.	1
Biphenyl	ND		ug/kg	420	24.	1
4-Chloroaniline	ND		ug/kg	180	33.	1
2-Nitroaniline	ND		ug/kg	180	35.	1
3-Nitroaniline	ND		ug/kg	180	34.	1
4-Nitroaniline	ND		ug/kg	180	76.	1
Dibenzofuran	ND		ug/kg	180	17.	1
2-Methylnaphthalene	ND		ug/kg	220	22.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	180	19.	1
Acetophenone	ND		ug/kg	180	23.	1
2,4,6-Trichlorophenol	ND		ug/kg	110	35.	1
p-Chloro-m-cresol	ND		ug/kg	180	27.	1
2-Chlorophenol	ND		ug/kg	180	22.	1
2,4-Dichlorophenol	ND		ug/kg	160	29.	1
2,4-Dimethylphenol	ND		ug/kg	180	60.	1
2-Nitrophenol	ND		ug/kg	390	69.	1
4-Nitrophenol	ND		ug/kg	260	74.	1
2,4-Dinitrophenol	ND		ug/kg	880	85.	1
4,6-Dinitro-o-cresol	ND		ug/kg	480	88.	1
Pentachlorophenol	ND		ug/kg	150	40.	1
Phenol	ND		ug/kg	180	28.	1
2-Methylphenol	ND		ug/kg	180	28.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	260	29.	1

Project Name: SUN VALLEY SITE
Project Number: 12060 / PHASE 8

Lab Number: L2353480
Report Date: 09/20/23

SAMPLE RESULTS

Lab ID: L2353480-03
Client ID: COMP_E3(0-6)
Sample Location: OSINING, NY

Date Collected: 09/13/23 11:30
Date Received: 09/13/23
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	180	35.	1
Benzoic Acid	ND		ug/kg	590	180	1
Benzyl Alcohol	ND		ug/kg	180	56.	1
Carbazole	ND		ug/kg	180	18.	1
1,4-Dioxane	ND		ug/kg	27	8.4	1

Tentatively Identified Compounds

Total TIC Compounds	192	J	ug/kg			1
Unknown	192	J	ug/kg			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	72		25-120
Phenol-d6	69		10-120
Nitrobenzene-d5	62		23-120
2-Fluorobiphenyl	59		30-120
2,4,6-Tribromophenol	63		10-136
4-Terphenyl-d14	60		18-120

Project Name: SUN VALLEY SITE
Project Number: 12060 / PHASE 8

Lab Number: L2353480
Report Date: 09/20/23

SAMPLE RESULTS

Lab ID: L2353480-05
Client ID: COMP_F3(0-10)
Sample Location: OSINING, NY

Date Collected: 09/13/23 13:00
Date Received: 09/13/23
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 09/15/23 00:23
Analyst: CMM
Percent Solids: 93%

Extraction Method: EPA 3546
Extraction Date: 09/14/23 11:23

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	140	18.	1
1,2,4-Trichlorobenzene	ND		ug/kg	180	20.	1
Hexachlorobenzene	ND		ug/kg	110	20.	1
Bis(2-chloroethyl)ether	ND		ug/kg	160	24.	1
2-Chloronaphthalene	ND		ug/kg	180	18.	1
1,2-Dichlorobenzene	ND		ug/kg	180	32.	1
1,3-Dichlorobenzene	ND		ug/kg	180	30.	1
1,4-Dichlorobenzene	ND		ug/kg	180	31.	1
3,3'-Dichlorobenzidine	ND		ug/kg	180	47.	1
2,4-Dinitrotoluene	ND		ug/kg	180	35.	1
2,6-Dinitrotoluene	ND		ug/kg	180	30.	1
Fluoranthene	ND		ug/kg	110	20.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	180	19.	1
4-Bromophenyl phenyl ether	ND		ug/kg	180	27.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	210	30.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	190	18.	1
Hexachlorobutadiene	ND		ug/kg	180	26.	1
Hexachlorocyclopentadiene	ND		ug/kg	510	160	1
Hexachloroethane	ND		ug/kg	140	29.	1
Isophorone	ND		ug/kg	160	23.	1
Naphthalene	ND		ug/kg	180	22.	1
Nitrobenzene	ND		ug/kg	160	26.	1
NDPA/DPA	ND		ug/kg	140	20.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	180	27.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	180	61.	1
Butyl benzyl phthalate	ND		ug/kg	180	44.	1
Di-n-butylphthalate	ND		ug/kg	180	34.	1
Di-n-octylphthalate	ND		ug/kg	180	60.	1

Project Name: SUN VALLEY SITE

Lab Number: L2353480

Project Number: 12060 / PHASE 8

Report Date: 09/20/23

SAMPLE RESULTS

Lab ID: L2353480-05
 Client ID: COMP_F3(0-10)
 Sample Location: OSINING, NY

Date Collected: 09/13/23 13:00
 Date Received: 09/13/23
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Diethyl phthalate	ND		ug/kg	180	16.	1
Dimethyl phthalate	ND		ug/kg	180	37.	1
Benzo(a)anthracene	ND		ug/kg	110	20.	1
Benzo(a)pyrene	ND		ug/kg	140	43.	1
Benzo(b)fluoranthene	ND		ug/kg	110	30.	1
Benzo(k)fluoranthene	ND		ug/kg	110	28.	1
Chrysene	ND		ug/kg	110	18.	1
Acenaphthylene	ND		ug/kg	140	27.	1
Anthracene	ND		ug/kg	110	34.	1
Benzo(ghi)perylene	ND		ug/kg	140	21.	1
Fluorene	ND		ug/kg	180	17.	1
Phenanthrene	ND		ug/kg	110	22.	1
Dibenzo(a,h)anthracene	ND		ug/kg	110	20.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	140	25.	1
Pyrene	ND		ug/kg	110	18.	1
Biphenyl	ND		ug/kg	400	23.	1
4-Chloroaniline	ND		ug/kg	180	32.	1
2-Nitroaniline	ND		ug/kg	180	34.	1
3-Nitroaniline	ND		ug/kg	180	33.	1
4-Nitroaniline	ND		ug/kg	180	73.	1
Dibenzofuran	ND		ug/kg	180	17.	1
2-Methylnaphthalene	ND		ug/kg	210	21.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	180	18.	1
Acetophenone	ND		ug/kg	180	22.	1
2,4,6-Trichlorophenol	ND		ug/kg	110	34.	1
p-Chloro-m-cresol	ND		ug/kg	180	26.	1
2-Chlorophenol	ND		ug/kg	180	21.	1
2,4-Dichlorophenol	ND		ug/kg	160	28.	1
2,4-Dimethylphenol	ND		ug/kg	180	58.	1
2-Nitrophenol	ND		ug/kg	380	66.	1
4-Nitrophenol	ND		ug/kg	250	72.	1
2,4-Dinitrophenol	ND		ug/kg	850	82.	1
4,6-Dinitro-o-cresol	ND		ug/kg	460	85.	1
Pentachlorophenol	ND		ug/kg	140	39.	1
Phenol	ND		ug/kg	180	27.	1
2-Methylphenol	ND		ug/kg	180	27.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	250	28.	1

Project Name: SUN VALLEY SITE
Project Number: 12060 / PHASE 8

Lab Number: L2353480
Report Date: 09/20/23

SAMPLE RESULTS

Lab ID: L2353480-05
Client ID: COMP_F3(0-10)
Sample Location: OSINING, NY

Date Collected: 09/13/23 13:00
Date Received: 09/13/23
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	180	34.	1
Benzoic Acid	ND		ug/kg	570	180	1
Benzyl Alcohol	ND		ug/kg	180	54.	1
Carbazole	ND		ug/kg	180	17.	1
1,4-Dioxane	ND		ug/kg	26	8.1	1

Tentatively Identified Compounds

Total TIC Compounds	12300	J	ug/kg			1
Unknown Organic Acid	474	J	ug/kg			1
Unknown	913	J	ug/kg			1
Unknown	3430	J	ug/kg			1
Unknown Organic Acid	744	J	ug/kg			1
Unknown	182	J	ug/kg			1
Unknown	442	J	ug/kg			1
Unknown	1980	J	ug/kg			1
Unknown	843	J	ug/kg			1
Unknown	247	J	ug/kg			1
Unknown	260	J	ug/kg			1
Unknown	454	J	ug/kg			1
Unknown Organic Acid	423	J	ug/kg			1
Unknown	1640	J	ug/kg			1
Unknown	220	J	ug/kg			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	84		25-120
Phenol-d6	80		10-120
Nitrobenzene-d5	72		23-120
2-Fluorobiphenyl	68		30-120
2,4,6-Tribromophenol	82		10-136
4-Terphenyl-d14	68		18-120

Project Name: SUN VALLEY SITE
Project Number: 12060 / PHASE 8

Lab Number: L2353480
Report Date: 09/20/23

SAMPLE RESULTS

Lab ID: L2353480-07
Client ID: COMP_F2(0-7)
Sample Location: OSINING, NY

Date Collected: 09/13/23 14:45
Date Received: 09/13/23
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 09/15/23 02:45
Analyst: CMM
Percent Solids: 93%

Extraction Method: EPA 3546
Extraction Date: 09/14/23 11:23

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	140	18.	1
1,2,4-Trichlorobenzene	ND		ug/kg	170	20.	1
Hexachlorobenzene	ND		ug/kg	100	20.	1
Bis(2-chloroethyl)ether	ND		ug/kg	160	24.	1
2-Chloronaphthalene	ND		ug/kg	170	17.	1
1,2-Dichlorobenzene	ND		ug/kg	170	31.	1
1,3-Dichlorobenzene	ND		ug/kg	170	30.	1
1,4-Dichlorobenzene	ND		ug/kg	170	30.	1
3,3'-Dichlorobenzidine	ND		ug/kg	170	46.	1
2,4-Dinitrotoluene	ND		ug/kg	170	35.	1
2,6-Dinitrotoluene	ND		ug/kg	170	30.	1
Fluoranthene	ND		ug/kg	100	20.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	170	19.	1
4-Bromophenyl phenyl ether	ND		ug/kg	170	26.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	210	30.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	190	17.	1
Hexachlorobutadiene	ND		ug/kg	170	26.	1
Hexachlorocyclopentadiene	ND		ug/kg	500	160	1
Hexachloroethane	ND		ug/kg	140	28.	1
Isophorone	ND		ug/kg	160	23.	1
Naphthalene	ND		ug/kg	170	21.	1
Nitrobenzene	ND		ug/kg	160	26.	1
NDPA/DPA	ND		ug/kg	140	20.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	170	27.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	170	60.	1
Butyl benzyl phthalate	ND		ug/kg	170	44.	1
Di-n-butylphthalate	ND		ug/kg	170	33.	1
Di-n-octylphthalate	ND		ug/kg	170	59.	1

Project Name: SUN VALLEY SITE

Lab Number: L2353480

Project Number: 12060 / PHASE 8

Report Date: 09/20/23

SAMPLE RESULTS

Lab ID: L2353480-07
 Client ID: COMP_F2(0-7)
 Sample Location: OSINING, NY

Date Collected: 09/13/23 14:45
 Date Received: 09/13/23
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Diethyl phthalate	ND		ug/kg	170	16.	1
Dimethyl phthalate	ND		ug/kg	170	37.	1
Benzo(a)anthracene	ND		ug/kg	100	20.	1
Benzo(a)pyrene	ND		ug/kg	140	42.	1
Benzo(b)fluoranthene	ND		ug/kg	100	29.	1
Benzo(k)fluoranthene	ND		ug/kg	100	28.	1
Chrysene	ND		ug/kg	100	18.	1
Acenaphthylene	ND		ug/kg	140	27.	1
Anthracene	ND		ug/kg	100	34.	1
Benzo(ghi)perylene	ND		ug/kg	140	20.	1
Fluorene	ND		ug/kg	170	17.	1
Phenanthrene	ND		ug/kg	100	21.	1
Dibenzo(a,h)anthracene	ND		ug/kg	100	20.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	140	24.	1
Pyrene	ND		ug/kg	100	17.	1
Biphenyl	ND		ug/kg	400	23.	1
4-Chloroaniline	ND		ug/kg	170	32.	1
2-Nitroaniline	ND		ug/kg	170	34.	1
3-Nitroaniline	ND		ug/kg	170	33.	1
4-Nitroaniline	ND		ug/kg	170	72.	1
Dibenzofuran	ND		ug/kg	170	16.	1
2-Methylnaphthalene	27	J	ug/kg	210	21.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	170	18.	1
Acetophenone	ND		ug/kg	170	22.	1
2,4,6-Trichlorophenol	ND		ug/kg	100	33.	1
p-Chloro-m-cresol	ND		ug/kg	170	26.	1
2-Chlorophenol	ND		ug/kg	170	21.	1
2,4-Dichlorophenol	ND		ug/kg	160	28.	1
2,4-Dimethylphenol	ND		ug/kg	170	58.	1
2-Nitrophenol	ND		ug/kg	380	66.	1
4-Nitrophenol	ND		ug/kg	240	71.	1
2,4-Dinitrophenol	ND		ug/kg	840	81.	1
4,6-Dinitro-o-cresol	ND		ug/kg	450	84.	1
Pentachlorophenol	ND		ug/kg	140	38.	1
Phenol	ND		ug/kg	170	26.	1
2-Methylphenol	ND		ug/kg	170	27.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	250	27.	1

Project Name: SUN VALLEY SITE
Project Number: 12060 / PHASE 8

Lab Number: L2353480
Report Date: 09/20/23

SAMPLE RESULTS

Lab ID: L2353480-07
Client ID: COMP_F2(0-7)
Sample Location: OSINING, NY

Date Collected: 09/13/23 14:45
Date Received: 09/13/23
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	170	33.	1
Benzoic Acid	ND		ug/kg	560	180	1
Benzyl Alcohol	ND		ug/kg	170	53.	1
Carbazole	ND		ug/kg	170	17.	1
1,4-Dioxane	ND		ug/kg	26	8.0	1

Tentatively Identified Compounds

Total TIC Compounds	2660	J	ug/kg			1
Unknown	384	J	ug/kg			1
Unknown	825	J	ug/kg			1
Unknown Organic Acid	181	J	ug/kg			1
Unknown	203	J	ug/kg			1
Unknown	210	J	ug/kg			1
Unknown	433	J	ug/kg			1
Unknown Organic Acid	428	J	ug/kg			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	88		25-120
Phenol-d6	84		10-120
Nitrobenzene-d5	73		23-120
2-Fluorobiphenyl	68		30-120
2,4,6-Tribromophenol	87		10-136
4-Terphenyl-d14	66		18-120

Project Name: SUN VALLEY SITE
Project Number: 12060 / PHASE 8

Lab Number: L2353480
Report Date: 09/20/23

SAMPLE RESULTS

Lab ID: L2353480-09
Client ID: COMP_F2(7-15)
Sample Location: OSINING, NY

Date Collected: 09/13/23 15:45
Date Received: 09/13/23
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 09/15/23 01:34
Analyst: CMM
Percent Solids: 93%

Extraction Method: EPA 3546
Extraction Date: 09/14/23 11:23

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	140	18.	1
1,2,4-Trichlorobenzene	ND		ug/kg	170	20.	1
Hexachlorobenzene	ND		ug/kg	100	19.	1
Bis(2-chloroethyl)ether	ND		ug/kg	160	24.	1
2-Chloronaphthalene	ND		ug/kg	170	17.	1
1,2-Dichlorobenzene	ND		ug/kg	170	31.	1
1,3-Dichlorobenzene	ND		ug/kg	170	30.	1
1,4-Dichlorobenzene	ND		ug/kg	170	30.	1
3,3'-Dichlorobenzidine	ND		ug/kg	170	46.	1
2,4-Dinitrotoluene	ND		ug/kg	170	35.	1
2,6-Dinitrotoluene	ND		ug/kg	170	30.	1
Fluoranthene	ND		ug/kg	100	20.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	170	18.	1
4-Bromophenyl phenyl ether	ND		ug/kg	170	26.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	210	30.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	190	17.	1
Hexachlorobutadiene	ND		ug/kg	170	25.	1
Hexachlorocyclopentadiene	ND		ug/kg	500	160	1
Hexachloroethane	ND		ug/kg	140	28.	1
Isophorone	ND		ug/kg	160	22.	1
Naphthalene	ND		ug/kg	170	21.	1
Nitrobenzene	ND		ug/kg	160	26.	1
NDPA/DPA	ND		ug/kg	140	20.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	170	27.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	170	60.	1
Butyl benzyl phthalate	ND		ug/kg	170	44.	1
Di-n-butylphthalate	ND		ug/kg	170	33.	1
Di-n-octylphthalate	ND		ug/kg	170	59.	1

Project Name: SUN VALLEY SITE**Lab Number:** L2353480**Project Number:** 12060 / PHASE 8**Report Date:** 09/20/23**SAMPLE RESULTS**

Lab ID: L2353480-09
 Client ID: COMP_F2(7-15)
 Sample Location: OSINING, NY

Date Collected: 09/13/23 15:45
 Date Received: 09/13/23
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Diethyl phthalate	ND		ug/kg	170	16.	1
Dimethyl phthalate	ND		ug/kg	170	36.	1
Benzo(a)anthracene	ND		ug/kg	100	20.	1
Benzo(a)pyrene	ND		ug/kg	140	42.	1
Benzo(b)fluoranthene	ND		ug/kg	100	29.	1
Benzo(k)fluoranthene	ND		ug/kg	100	28.	1
Chrysene	ND		ug/kg	100	18.	1
Acenaphthylene	ND		ug/kg	140	27.	1
Anthracene	ND		ug/kg	100	34.	1
Benzo(ghi)perylene	ND		ug/kg	140	20.	1
Fluorene	ND		ug/kg	170	17.	1
Phenanthrene	ND		ug/kg	100	21.	1
Dibenzo(a,h)anthracene	ND		ug/kg	100	20.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	140	24.	1
Pyrene	ND		ug/kg	100	17.	1
Biphenyl	ND		ug/kg	400	22.	1
4-Chloroaniline	ND		ug/kg	170	32.	1
2-Nitroaniline	ND		ug/kg	170	33.	1
3-Nitroaniline	ND		ug/kg	170	33.	1
4-Nitroaniline	ND		ug/kg	170	72.	1
Dibenzofuran	ND		ug/kg	170	16.	1
2-Methylnaphthalene	ND		ug/kg	210	21.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	170	18.	1
Acetophenone	ND		ug/kg	170	21.	1
2,4,6-Trichlorophenol	ND		ug/kg	100	33.	1
p-Chloro-m-cresol	ND		ug/kg	170	26.	1
2-Chlorophenol	ND		ug/kg	170	20.	1
2,4-Dichlorophenol	ND		ug/kg	160	28.	1
2,4-Dimethylphenol	ND		ug/kg	170	57.	1
2-Nitrophenol	ND		ug/kg	370	65.	1
4-Nitrophenol	ND		ug/kg	240	71.	1
2,4-Dinitrophenol	ND		ug/kg	830	81.	1
4,6-Dinitro-o-cresol	ND		ug/kg	450	83.	1
Pentachlorophenol	ND		ug/kg	140	38.	1
Phenol	ND		ug/kg	170	26.	1
2-Methylphenol	ND		ug/kg	170	27.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	250	27.	1

Project Name: SUN VALLEY SITE
Project Number: 12060 / PHASE 8

Lab Number: L2353480
Report Date: 09/20/23

SAMPLE RESULTS

Lab ID: L2353480-09
Client ID: COMP_F2(7-15)
Sample Location: OSINING, NY

Date Collected: 09/13/23 15:45
Date Received: 09/13/23
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	170	33.	1
Benzoic Acid	ND		ug/kg	560	180	1
Benzyl Alcohol	ND		ug/kg	170	53.	1
Carbazole	ND		ug/kg	170	17.	1
1,4-Dioxane	ND		ug/kg	26	8.0	1

Tentatively Identified Compounds

Total TIC Compounds	1760	J	ug/kg			1
Unknown	166	J	ug/kg			1
Unknown Organic Acid	173	J	ug/kg			1
Unknown	315	J	ug/kg			1
Unknown	157	J	ug/kg			1
Unknown	626	J	ug/kg			1
Unknown	324	J	ug/kg			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	77		25-120
Phenol-d6	76		10-120
Nitrobenzene-d5	63		23-120
2-Fluorobiphenyl	65		30-120
2,4,6-Tribromophenol	78		10-136
4-Terphenyl-d14	67		18-120

Project Name: SUN VALLEY SITE
Project Number: 12060 / PHASE 8

Lab Number: L2353480
Report Date: 09/20/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 09/14/23 09:28
Analyst: IM

Extraction Method: EPA 3546
Extraction Date: 09/14/23 01:12

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01,03,05,07,09 Batch: WG1827264-1					
Acenaphthene	ND		ug/kg	130	17.
1,2,4-Trichlorobenzene	ND		ug/kg	160	19.
Hexachlorobenzene	ND		ug/kg	98	18.
Bis(2-chloroethyl)ether	ND		ug/kg	150	22.
2-Chloronaphthalene	ND		ug/kg	160	16.
1,2-Dichlorobenzene	ND		ug/kg	160	29.
1,3-Dichlorobenzene	ND		ug/kg	160	28.
1,4-Dichlorobenzene	ND		ug/kg	160	28.
3,3'-Dichlorobenzidine	ND		ug/kg	160	43.
2,4-Dinitrotoluene	ND		ug/kg	160	32.
2,6-Dinitrotoluene	ND		ug/kg	160	28.
Fluoranthene	ND		ug/kg	98	19.
4-Chlorophenyl phenyl ether	ND		ug/kg	160	17.
4-Bromophenyl phenyl ether	ND		ug/kg	160	25.
Bis(2-chloroisopropyl)ether	ND		ug/kg	200	28.
Bis(2-chloroethoxy)methane	ND		ug/kg	180	16.
Hexachlorobutadiene	ND		ug/kg	160	24.
Hexachlorocyclopentadiene	ND		ug/kg	460	150
Hexachloroethane	ND		ug/kg	130	26.
Isophorone	ND		ug/kg	150	21.
Naphthalene	ND		ug/kg	160	20.
Nitrobenzene	ND		ug/kg	150	24.
NDPA/DPA	ND		ug/kg	130	18.
n-Nitrosodi-n-propylamine	ND		ug/kg	160	25.
Bis(2-ethylhexyl)phthalate	ND		ug/kg	160	56.
Butyl benzyl phthalate	ND		ug/kg	160	41.
Di-n-butylphthalate	ND		ug/kg	160	31.
Di-n-octylphthalate	ND		ug/kg	160	55.
Diethyl phthalate	ND		ug/kg	160	15.

Project Name: SUN VALLEY SITE
Project Number: 12060 / PHASE 8

Lab Number: L2353480
Report Date: 09/20/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 09/14/23 09:28
Analyst: IM

Extraction Method: EPA 3546
Extraction Date: 09/14/23 01:12

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01,03,05,07,09 Batch: WG1827264-1					
Dimethyl phthalate	ND		ug/kg	160	34.
Benzo(a)anthracene	ND		ug/kg	98	18.
Benzo(a)pyrene	ND		ug/kg	130	40.
Benzo(b)fluoranthene	ND		ug/kg	98	27.
Benzo(k)fluoranthene	ND		ug/kg	98	26.
Chrysene	ND		ug/kg	98	17.
Acenaphthylene	ND		ug/kg	130	25.
Anthracene	ND		ug/kg	98	32.
Benzo(ghi)perylene	ND		ug/kg	130	19.
Fluorene	ND		ug/kg	160	16.
Phenanthrene	ND		ug/kg	98	20.
Dibenzo(a,h)anthracene	ND		ug/kg	98	19.
Indeno(1,2,3-cd)pyrene	ND		ug/kg	130	23.
Pyrene	ND		ug/kg	98	16.
Biphenyl	ND		ug/kg	370	21.
4-Chloroaniline	ND		ug/kg	160	30.
2-Nitroaniline	ND		ug/kg	160	31.
3-Nitroaniline	ND		ug/kg	160	31.
4-Nitroaniline	ND		ug/kg	160	67.
Dibenzofuran	ND		ug/kg	160	15.
2-Methylnaphthalene	ND		ug/kg	200	20.
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	160	17.
Acetophenone	ND		ug/kg	160	20.
2,4,6-Trichlorophenol	ND		ug/kg	98	31.
p-Chloro-m-cresol	ND		ug/kg	160	24.
2-Chlorophenol	ND		ug/kg	160	19.
2,4-Dichlorophenol	ND		ug/kg	150	26.
2,4-Dimethylphenol	ND		ug/kg	160	54.
2-Nitrophenol	ND		ug/kg	350	61.

Project Name: SUN VALLEY SITE
Project Number: 12060 / PHASE 8

Lab Number: L2353480
Report Date: 09/20/23

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 09/14/23 09:28
Analyst: IM

Extraction Method: EPA 3546
Extraction Date: 09/14/23 01:12

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01,03,05,07,09 Batch: WG1827264-1					
4-Nitrophenol	ND		ug/kg	230	66.
2,4-Dinitrophenol	ND		ug/kg	780	76.
4,6-Dinitro-o-cresol	ND		ug/kg	420	78.
Pentachlorophenol	ND		ug/kg	130	36.
Phenol	ND		ug/kg	160	24.
2-Methylphenol	ND		ug/kg	160	25.
3-Methylphenol/4-Methylphenol	ND		ug/kg	230	25.
2,4,5-Trichlorophenol	ND		ug/kg	160	31.
Benzoic Acid	ND		ug/kg	530	160
Benzyl Alcohol	ND		ug/kg	160	50.
Carbazole	ND		ug/kg	160	16.
1,4-Dioxane	ND		ug/kg	24	7.5

Tentatively Identified Compounds

No Tentatively Identified Compounds ND ug/kg

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	77		25-120
Phenol-d6	71		10-120
Nitrobenzene-d5	62		23-120
2-Fluorobiphenyl	85		30-120
2,4,6-Tribromophenol	74		10-136
4-Terphenyl-d14	93		18-120

Lab Control Sample Analysis

Batch Quality Control

Project Name: SUN VALLEY SITE

Project Number: 12060 / PHASE 8

Lab Number: L2353480

Report Date: 09/20/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01,03,05,07,09 Batch: WG1827264-2 WG1827264-3								
Acenaphthene	67		63		31-137	6		50
1,2,4-Trichlorobenzene	71		67		38-107	6		50
Hexachlorobenzene	69		64		40-140	8		50
Bis(2-chloroethyl)ether	56		52		40-140	7		50
2-Chloronaphthalene	69		68		40-140	1		50
1,2-Dichlorobenzene	67		64		40-140	5		50
1,3-Dichlorobenzene	68		64		40-140	6		50
1,4-Dichlorobenzene	68		64		28-104	6		50
3,3'-Dichlorobenzidine	62		60		40-140	3		50
2,4-Dinitrotoluene	80		75		40-132	6		50
2,6-Dinitrotoluene	79		74		40-140	7		50
Fluoranthene	74		68		40-140	8		50
4-Chlorophenyl phenyl ether	76		71		40-140	7		50
4-Bromophenyl phenyl ether	74		68		40-140	8		50
Bis(2-chloroisopropyl)ether	56		57		40-140	2		50
Bis(2-chloroethoxy)methane	55		54		40-117	2		50
Hexachlorobutadiene	82		78		40-140	5		50
Hexachlorocyclopentadiene	69		68		40-140	1		50
Hexachloroethane	63		60		40-140	5		50
Isophorone	53		52		40-140	2		50
Naphthalene	69		66		40-140	4		50
Nitrobenzene	56		51		40-140	9		50
NDPA/DPA	72		68		36-157	6		50

Lab Control Sample Analysis **Batch Quality Control**

Project Name: SUN VALLEY SITE

Project Number: 12060 / PHASE 8

Lab Number: L2353480

Report Date: 09/20/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01,03,05,07,09 Batch: WG1827264-2 WG1827264-3								
n-Nitrosodi-n-propylamine	51		50		32-121	2		50
Bis(2-ethylhexyl)phthalate	85		79		40-140	7		50
Butyl benzyl phthalate	78		72		40-140	8		50
Di-n-butylphthalate	77		72		40-140	7		50
Di-n-octylphthalate	86		82		40-140	5		50
Diethyl phthalate	75		69		40-140	8		50
Dimethyl phthalate	77		70		40-140	10		50
Benzo(a)anthracene	77		72		40-140	7		50
Benzo(a)pyrene	80		81		40-140	1		50
Benzo(b)fluoranthene	75		69		40-140	8		50
Benzo(k)fluoranthene	77		77		40-140	0		50
Chrysene	79		72		40-140	9		50
Acenaphthylene	73		68		40-140	7		50
Anthracene	74		69		40-140	7		50
Benzo(ghi)perylene	78		70		40-140	11		50
Fluorene	71		67		40-140	6		50
Phenanthrene	72		66		40-140	9		50
Dibenzo(a,h)anthracene	81		73		40-140	10		50
Indeno(1,2,3-cd)pyrene	88		80		40-140	10		50
Pyrene	72		68		35-142	6		50
Biphenyl	73		73		37-127	0		50
4-Chloroaniline	38	Q	40		40-140	5		50
2-Nitroaniline	80		74		47-134	8		50

Lab Control Sample Analysis **Batch Quality Control**

Project Name: SUN VALLEY SITE

Project Number: 12060 / PHASE 8

Lab Number: L2353480

Report Date: 09/20/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01,03,05,07,09 Batch: WG1827264-2 WG1827264-3								
3-Nitroaniline	60		62		26-129	3		50
4-Nitroaniline	61		59		41-125	3		50
Dibenzofuran	74		69		40-140	7		50
2-Methylnaphthalene	67		68		40-140	1		50
1,2,4,5-Tetrachlorobenzene	77		76		40-117	1		50
Acetophenone	63		62		14-144	2		50
2,4,6-Trichlorophenol	78		75		30-130	4		50
p-Chloro-m-cresol	61		61		26-103	0		50
2-Chlorophenol	72		67		25-102	7		50
2,4-Dichlorophenol	76		70		30-130	8		50
2,4-Dimethylphenol	53		50		30-130	6		50
2-Nitrophenol	80		76		30-130	5		50
4-Nitrophenol	57		56		11-114	2		50
2,4-Dinitrophenol	79		65		4-130	19		50
4,6-Dinitro-o-cresol	94		84		10-130	11		50
Pentachlorophenol	76		74		17-109	3		50
Phenol	58		55		26-90	5		50
2-Methylphenol	59		60		30-130.	2		50
3-Methylphenol/4-Methylphenol	62		59		30-130	5		50
2,4,5-Trichlorophenol	77		76		30-130	1		50
Benzoic Acid	37		37		10-110	0		50
Benzyl Alcohol	54		54		40-140	0		50
Carbazole	71		66		54-128	7		50

Lab Control Sample Analysis

Batch Quality Control

Project Name: SUN VALLEY SITE

Project Number: 12060 / PHASE 8

Lab Number: L2353480

Report Date: 09/20/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01,03,05,07,09 Batch: WG1827264-2 WG1827264-3								
1,4-Dioxane	48		42		40-140	13		50

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	63		55		25-120
Phenol-d6	60		53		10-120
Nitrobenzene-d5	54		48		23-120
2-Fluorobiphenyl	65		63		30-120
2,4,6-Tribromophenol	63		55		10-136
4-Terphenyl-d14	69		61		18-120

PETROLEUM HYDROCARBONS

Project Name: SUN VALLEY SITE
Project Number: 12060 / PHASE 8

Lab Number: L2353480
Report Date: 09/20/23

SAMPLE RESULTS

Lab ID: L2353480-01
 Client ID: COMP_D3(0-7)
 Sample Location: OSINING, NY

Date Collected: 09/13/23 09:50
 Date Received: 09/13/23
 Field Prep: Not Specified

Sample Depth:
 Matrix: Soil
 Analytical Method: 103,NJDEP EPH
 Analytical Date: 09/15/23 14:14
 Analyst: SC
 Percent Solids: 85%

Extraction Method: EPA 3546
 Extraction Date: 09/14/23 10:38

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
NJ Extractable Petroleum Hydrocarbons (Total) - Westborough Lab						
Total EPH	ND		mg/kg	28.0	28.0	1
Surrogate	% Recovery		Qualifier	Acceptance Criteria		
Chloro-Octadecane	73			40-140		
o-Terphenyl	73			40-140		

Project Name: SUN VALLEY SITE
Project Number: 12060 / PHASE 8

Lab Number: L2353480
Report Date: 09/20/23

SAMPLE RESULTS

Lab ID: L2353480-03
 Client ID: COMP_E3(0-6)
 Sample Location: OSINING, NY

Date Collected: 09/13/23 11:30
 Date Received: 09/13/23
 Field Prep: Not Specified

Sample Depth:
 Matrix: Soil
 Analytical Method: 103,NJDEP EPH
 Analytical Date: 09/15/23 14:14
 Analyst: SC
 Percent Solids: 91%

Extraction Method: EPA 3546
 Extraction Date: 09/14/23 10:38

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
NJ Extractable Petroleum Hydrocarbons (Total) - Westborough Lab						
Total EPH	ND		mg/kg	25.4	25.4	1
Surrogate	% Recovery		Qualifier	Acceptance Criteria		
Chloro-Octadecane	77			40-140		
o-Terphenyl	77			40-140		

Project Name: SUN VALLEY SITE
Project Number: 12060 / PHASE 8

Lab Number: L2353480
Report Date: 09/20/23

SAMPLE RESULTS

Lab ID: L2353480-05
 Client ID: COMP_F3(0-10)
 Sample Location: OSINING, NY

Date Collected: 09/13/23 13:00
 Date Received: 09/13/23
 Field Prep: Not Specified

Sample Depth:
 Matrix: Soil
 Analytical Method: 103,NJDEP EPH
 Analytical Date: 09/15/23 15:24
 Analyst: SC
 Percent Solids: 93%

Extraction Method: EPA 3546
 Extraction Date: 09/14/23 10:38

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
NJ Extractable Petroleum Hydrocarbons (Total) - Westborough Lab						
Total EPH	ND		mg/kg	25.0	25.0	1
Surrogate	% Recovery		Qualifier	Acceptance Criteria		
Chloro-Octadecane	73			40-140		
o-Terphenyl	74			40-140		

Project Name: SUN VALLEY SITE
Project Number: 12060 / PHASE 8

Lab Number: L2353480
Report Date: 09/20/23

SAMPLE RESULTS

Lab ID: L2353480-07
 Client ID: COMP_F2(0-7)
 Sample Location: OSINING, NY

Date Collected: 09/13/23 14:45
 Date Received: 09/13/23
 Field Prep: Not Specified

Sample Depth:
 Matrix: Soil
 Analytical Method: 103,NJDEP EPH
 Analytical Date: 09/15/23 14:49
 Analyst: SC
 Percent Solids: 93%

Extraction Method: EPA 3546
 Extraction Date: 09/14/23 10:38

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
NJ Extractable Petroleum Hydrocarbons (Total) - Westborough Lab						
Total EPH	ND		mg/kg	24.6	24.6	1
Surrogate	% Recovery		Qualifier	Acceptance Criteria		
Chloro-Octadecane	75			40-140		
o-Terphenyl	75			40-140		

Project Name: SUN VALLEY SITE
Project Number: 12060 / PHASE 8

Lab Number: L2353480
Report Date: 09/20/23

SAMPLE RESULTS

Lab ID: L2353480-09
 Client ID: COMP_F2(7-15)
 Sample Location: OSINING, NY

Date Collected: 09/13/23 15:45
 Date Received: 09/13/23
 Field Prep: Not Specified

Sample Depth:
 Matrix: Soil
 Analytical Method: 103,NJDEP EPH
 Analytical Date: 09/15/23 14:49
 Analyst: SC
 Percent Solids: 93%

Extraction Method: EPA 3546
 Extraction Date: 09/14/23 10:38

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
NJ Extractable Petroleum Hydrocarbons (Total) - Westborough Lab						
Total EPH	ND		mg/kg	24.6	24.6	1
Surrogate	% Recovery		Qualifier	Acceptance Criteria		
Chloro-Octadecane	78			40-140		
o-Terphenyl	78			40-140		

Project Name: SUN VALLEY SITE
Project Number: 12060 / PHASE 8

Lab Number: L2353480
Report Date: 09/20/23

Method Blank Analysis Batch Quality Control

Analytical Method: 103,NJDEP EPH
Analytical Date: 09/15/23 13:03
Analyst: SC

Extraction Method: EPA 3546
Extraction Date: 09/14/23 10:38

Parameter	Result	Qualifier	Units	RL	MDL
NJ Extractable Petroleum Hydrocarbons (Total) - Westborough Lab for sample(s): 01,03,05,07,09 Batch: WG1827489-1					
Total EPH	ND		mg/kg	23.1	23.1

Surrogate	%Recovery	Qualifier	Acceptance Criteria
Chloro-Octadecane	62		40-140
o-Terphenyl	62		40-140

Lab Control Sample Analysis

Batch Quality Control

Project Name: SUN VALLEY SITE

Project Number: 12060 / PHASE 8

Lab Number: L2353480

Report Date: 09/20/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
NJ Extractable Petroleum Hydrocarbons (Total) - Westborough Lab Associated sample(s): 01,03,05,07,09 Batch: WG1827489-2 WG1827489-3								
Total EPH	92		94		40-140	2		25
Nonane (C9)	96		102		40-140	6		25
Decane (C10)	94		100		40-140	6		25
Dodecane (C12)	91		95		40-140	4		25
Tetradecane (C14)	88		89		40-140	1		25
Hexadecane (C16)	85		86		40-140	1		25
Octadecane (C18)	88		89		40-140	1		25
Eicosane (C20)	81		82		40-140	1		25
Heneicosane (C21)	83		84		40-140	1		25
Docosane (C22)	83		84		40-140	1		25
Tetracosane (C24)	83		84		40-140	1		25
Hexacosane (C26)	82		83		40-140	1		25
Octacosane (C28)	82		84		40-140	2		25
triacontane (C30)	82		83		40-140	1		25
Dotriacontane (C32)	84		85		40-140	1		25
Tetratriacontane (C34)	81		82		40-140	1		25
Hexatriacontane (C36)	82		83		40-140	1		25
Octatriacontane (C38)	80		80		40-140	0		25
Tetracontane (C40)	82		80		40-140	2		25

Lab Control Sample Analysis

Batch Quality Control

Project Name: SUN VALLEY SITE

Project Number: 12060 / PHASE 8

Lab Number: L2353480

Report Date: 09/20/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
NJ Extractable Petroleum Hydrocarbons (Total) - Westborough Lab Associated sample(s): 01,03,05,07,09 Batch: WG1827489-2 WG1827489-3								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
Chloro-Octadecane	76		76		40-140
o-Terphenyl	76		76		40-140

Matrix Spike Analysis

Batch Quality Control

Project Name: SUN VALLEY SITE
Project Number: 12060 / PHASE 8

Lab Number: L2353480
Report Date: 09/20/23

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
NJ Extractable Petroleum Hydrocarbons (Total) - Westborough Lab Client ID: MS Sample Associated sample(s): 01,03,05,07,09 QC Batch ID: WG1827489-4 QC Sample: L2353074-20												
Total EPH	ND	302	304	101		-	-		40-140	-		50
Nonane (C9)	ND	8.39	8.51	101		-	-		40-140	-		50
Decane (C10)	ND	8.39	8.30	99		-	-		40-140	-		50
Dodecane (C12)	ND	8.39	8.06	96		-	-		40-140	-		50
Tetradecane (C14)	ND	8.39	7.76	93		-	-		40-140	-		50
Hexadecane (C16)	ND	8.39	7.56	90		-	-		40-140	-		50
Octadecane (C18)	ND	8.39	7.85	94		-	-		40-140	-		50
Eicosane (C20)	ND	8.39	7.26	87		-	-		40-140	-		50
Heneicosane (C21)	ND	8.39	7.48	89		-	-		40-140	-		50
Docosane (C22)	ND	8.39	7.45	89		-	-		40-140	-		50
Tetracosane (C24)	ND	8.39	7.46	89		-	-		40-140	-		50
Hexacosane (C26)	ND	8.39	7.42	88		-	-		40-140	-		50
Octacosane (C28)	ND	8.39	7.53	90		-	-		40-140	-		50
triacontane (C30)	ND	8.39	7.45	89		-	-		40-140	-		50
Dotriacontane (C32)	ND	8.39	7.58	90		-	-		40-140	-		50
Tetratriacontane (C34)	ND	8.39	7.38	88		-	-		40-140	-		50
Hexatriacontane (C36)	ND	8.39	7.42	88		-	-		40-140	-		50
Octatriacontane (C38)	ND	8.39	7.23	86		-	-		40-140	-		50
Tetracontane (C40)	ND	8.39	7.56	90		-	-		40-140	-		50

Surrogate	MS % Recovery	MS Qualifier	MSD % Recovery	MSD Qualifier	Acceptance Criteria
Chloro-Octadecane	81				40-140

Matrix Spike Analysis**Batch Quality Control****Project Name:** SUN VALLEY SITE**Lab Number:** L2353480**Project Number:** 12060 / PHASE 8**Report Date:** 09/20/23

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
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NJ Extractable Petroleum Hydrocarbons (Total) - Westborough Lab Associated sample(s): 01,03,05,07,09 QC Batch ID: WG1827489-4 QC Sample: L2353074-20
 Client ID: MS Sample

Surrogate	MS % Recovery	Qualifier	MSD % Recovery	Qualifier	Acceptance Criteria
o-Terphenyl	80				40-140

Lab Duplicate Analysis Batch Quality Control

Project Name: SUN VALLEY SITE

Project Number: 12060 / PHASE 8

Lab Number: L2353480

Report Date: 09/20/23

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
NJ Extractable Petroleum Hydrocarbons (Total) - Westborough Lab Associated sample(s): 01,03,05,07,09 QC Batch ID: WG1827489-5 QC Sample: L2353074-20 Client ID: DUP Sample						
Total EPH	ND	ND	mg/kg	NC		50

Surrogate	%Recovery	Qualifier	%Recovery	Qualifier	Acceptance Criteria
Chloro-Octadecane	76		81		40-140
o-Terphenyl	76		81		40-140

PCBS

Project Name: SUN VALLEY SITE
Project Number: 12060 / PHASE 8

Lab Number: L2353480
Report Date: 09/20/23

SAMPLE RESULTS

Lab ID: L2353480-01
Client ID: COMP_D3(0-7)
Sample Location: OSINING, NY

Date Collected: 09/13/23 09:50
Date Received: 09/13/23
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 09/15/23 10:00
Analyst: MEO
Percent Solids: 85%

Extraction Method: EPA 3546
Extraction Date: 09/14/23 17:55
Cleanup Method: EPA 3665A
Cleanup Date: 09/15/23
Cleanup Method: EPA 3660B
Cleanup Date: 09/15/23

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	56.1	4.98	1	A
Aroclor 1221	ND		ug/kg	56.1	5.62	1	A
Aroclor 1232	ND		ug/kg	56.1	11.9	1	A
Aroclor 1242	ND		ug/kg	56.1	7.56	1	A
Aroclor 1248	ND		ug/kg	56.1	8.41	1	A
Aroclor 1254	ND		ug/kg	56.1	6.14	1	A
Aroclor 1260	ND		ug/kg	56.1	10.4	1	A
Aroclor 1262	ND		ug/kg	56.1	7.12	1	A
Aroclor 1268	ND		ug/kg	56.1	5.81	1	A
PCBs, Total	ND		ug/kg	56.1	4.98	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	66		30-150	A
Decachlorobiphenyl	54		30-150	A
2,4,5,6-Tetrachloro-m-xylene	64		30-150	B
Decachlorobiphenyl	52		30-150	B

Project Name: SUN VALLEY SITE
Project Number: 12060 / PHASE 8

Lab Number: L2353480
Report Date: 09/20/23

SAMPLE RESULTS

Lab ID: L2353480-03
Client ID: COMP_E3(0-6)
Sample Location: OSINING, NY

Date Collected: 09/13/23 11:30
Date Received: 09/13/23
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 09/15/23 10:10
Analyst: MEO
Percent Solids: 91%

Extraction Method: EPA 3546
Extraction Date: 09/14/23 17:55
Cleanup Method: EPA 3665A
Cleanup Date: 09/15/23
Cleanup Method: EPA 3660B
Cleanup Date: 09/15/23

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	53.6	4.76	1	A
Aroclor 1221	ND		ug/kg	53.6	5.37	1	A
Aroclor 1232	ND		ug/kg	53.6	11.4	1	A
Aroclor 1242	ND		ug/kg	53.6	7.22	1	A
Aroclor 1248	ND		ug/kg	53.6	8.03	1	A
Aroclor 1254	ND		ug/kg	53.6	5.86	1	A
Aroclor 1260	ND		ug/kg	53.6	9.90	1	A
Aroclor 1262	ND		ug/kg	53.6	6.80	1	A
Aroclor 1268	ND		ug/kg	53.6	5.55	1	A
PCBs, Total	ND		ug/kg	53.6	4.76	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	69		30-150	A
Decachlorobiphenyl	58		30-150	A
2,4,5,6-Tetrachloro-m-xylene	70		30-150	B
Decachlorobiphenyl	59		30-150	B

Project Name: SUN VALLEY SITE
Project Number: 12060 / PHASE 8

Lab Number: L2353480
Report Date: 09/20/23

SAMPLE RESULTS

Lab ID: L2353480-05
Client ID: COMP_F3(0-10)
Sample Location: OSINING, NY

Date Collected: 09/13/23 13:00
Date Received: 09/13/23
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 09/15/23 10:20
Analyst: MEO
Percent Solids: 93%

Extraction Method: EPA 3546
Extraction Date: 09/14/23 17:55
Cleanup Method: EPA 3665A
Cleanup Date: 09/15/23
Cleanup Method: EPA 3660B
Cleanup Date: 09/15/23

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	48.9	4.34	1	A
Aroclor 1221	ND		ug/kg	48.9	4.90	1	A
Aroclor 1232	ND		ug/kg	48.9	10.4	1	A
Aroclor 1242	ND		ug/kg	48.9	6.60	1	A
Aroclor 1248	ND		ug/kg	48.9	7.34	1	A
Aroclor 1254	ND		ug/kg	48.9	5.35	1	A
Aroclor 1260	ND		ug/kg	48.9	9.04	1	A
Aroclor 1262	ND		ug/kg	48.9	6.22	1	A
Aroclor 1268	ND		ug/kg	48.9	5.07	1	A
PCBs, Total	ND		ug/kg	48.9	4.34	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	68		30-150	A
Decachlorobiphenyl	56		30-150	A
2,4,5,6-Tetrachloro-m-xylene	67		30-150	B
Decachlorobiphenyl	57		30-150	B

Project Name: SUN VALLEY SITE
Project Number: 12060 / PHASE 8

Lab Number: L2353480
Report Date: 09/20/23

SAMPLE RESULTS

Lab ID: L2353480-07
Client ID: COMP_F2(0-7)
Sample Location: OSINING, NY

Date Collected: 09/13/23 14:45
Date Received: 09/13/23
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 09/15/23 10:30
Analyst: MEO
Percent Solids: 93%

Extraction Method: EPA 3546
Extraction Date: 09/14/23 17:55
Cleanup Method: EPA 3665A
Cleanup Date: 09/15/23
Cleanup Method: EPA 3660B
Cleanup Date: 09/15/23

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	51.3	4.55	1	A
Aroclor 1221	ND		ug/kg	51.3	5.14	1	A
Aroclor 1232	ND		ug/kg	51.3	10.9	1	A
Aroclor 1242	ND		ug/kg	51.3	6.91	1	A
Aroclor 1248	ND		ug/kg	51.3	7.69	1	A
Aroclor 1254	ND		ug/kg	51.3	5.61	1	A
Aroclor 1260	ND		ug/kg	51.3	9.48	1	A
Aroclor 1262	ND		ug/kg	51.3	6.51	1	A
Aroclor 1268	ND		ug/kg	51.3	5.31	1	A
PCBs, Total	ND		ug/kg	51.3	4.55	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	67		30-150	A
Decachlorobiphenyl	59		30-150	A
2,4,5,6-Tetrachloro-m-xylene	67		30-150	B
Decachlorobiphenyl	55		30-150	B

Project Name: SUN VALLEY SITE
Project Number: 12060 / PHASE 8

Lab Number: L2353480
Report Date: 09/20/23

SAMPLE RESULTS

Lab ID: L2353480-09
Client ID: COMP_F2(7-15)
Sample Location: OSINING, NY

Date Collected: 09/13/23 15:45
Date Received: 09/13/23
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 09/15/23 10:40
Analyst: MEO
Percent Solids: 93%

Extraction Method: EPA 3546
Extraction Date: 09/14/23 17:55
Cleanup Method: EPA 3665A
Cleanup Date: 09/15/23
Cleanup Method: EPA 3660B
Cleanup Date: 09/15/23

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	51.0	4.53	1	A
Aroclor 1221	ND		ug/kg	51.0	5.11	1	A
Aroclor 1232	ND		ug/kg	51.0	10.8	1	A
Aroclor 1242	ND		ug/kg	51.0	6.87	1	A
Aroclor 1248	ND		ug/kg	51.0	7.65	1	A
Aroclor 1254	ND		ug/kg	51.0	5.58	1	A
Aroclor 1260	ND		ug/kg	51.0	9.42	1	A
Aroclor 1262	ND		ug/kg	51.0	6.48	1	A
Aroclor 1268	ND		ug/kg	51.0	5.28	1	A
PCBs, Total	ND		ug/kg	51.0	4.53	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	69		30-150	A
Decachlorobiphenyl	63		30-150	A
2,4,5,6-Tetrachloro-m-xylene	68		30-150	B
Decachlorobiphenyl	51		30-150	B

Project Name: SUN VALLEY SITE
Project Number: 12060 / PHASE 8

Lab Number: L2353480
Report Date: 09/20/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8082A
Analytical Date: 09/15/23 08:51
Analyst: MEO

Extraction Method: EPA 3546
Extraction Date: 09/14/23 17:55
Cleanup Method: EPA 3665A
Cleanup Date: 09/15/23
Cleanup Method: EPA 3660B
Cleanup Date: 09/15/23

Parameter	Result	Qualifier	Units	RL	MDL	Column
Polychlorinated Biphenyls by GC - Westborough Lab for sample(s): 01,03,05,07,09 Batch: WG1827680-1						
Aroclor 1016	ND		ug/kg	47.6	4.23	A
Aroclor 1221	ND		ug/kg	47.6	4.77	A
Aroclor 1232	ND		ug/kg	47.6	10.1	A
Aroclor 1242	ND		ug/kg	47.6	6.42	A
Aroclor 1248	ND		ug/kg	47.6	7.14	A
Aroclor 1254	ND		ug/kg	47.6	5.21	A
Aroclor 1260	ND		ug/kg	47.6	8.80	A
Aroclor 1262	ND		ug/kg	47.6	6.05	A
Aroclor 1268	ND		ug/kg	47.6	4.93	A
PCBs, Total	ND		ug/kg	47.6	4.23	A

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	76		30-150	A
Decachlorobiphenyl	73		30-150	A
2,4,5,6-Tetrachloro-m-xylene	79		30-150	B
Decachlorobiphenyl	68		30-150	B

Lab Control Sample Analysis

Batch Quality Control

Project Name: SUN VALLEY SITE

Project Number: 12060 / PHASE 8

Lab Number: L2353480

Report Date: 09/20/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Polychlorinated Biphenyls by GC - Westborough Lab Associated sample(s): 01,03,05,07,09 Batch: WG1827680-2 WG1827680-3									
Aroclor 1016	75		78		40-140	4		50	A
Aroclor 1260	70		66		40-140	6		50	A

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	72		74		30-150	A
Decachlorobiphenyl	67		65		30-150	A
2,4,5,6-Tetrachloro-m-xylene	72		73		30-150	B
Decachlorobiphenyl	63		64		30-150	B

PESTICIDES

Project Name: SUN VALLEY SITE
Project Number: 12060 / PHASE 8

Lab Number: L2353480
Report Date: 09/20/23

SAMPLE RESULTS

Lab ID: L2353480-01
Client ID: COMP_D3(0-7)
Sample Location: OSINING, NY

Date Collected: 09/13/23 09:50
Date Received: 09/13/23
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 09/15/23 15:18
Analyst: JAG
Percent Solids: 85%

Extraction Method: EPA 3546
Extraction Date: 09/14/23 17:47
Cleanup Method: EPA 3620B
Cleanup Date: 09/15/23
Cleanup Method: EPA 3660B
Cleanup Date: 09/15/23

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.79	0.350	1	A
Lindane	ND		ug/kg	0.744	0.333	1	A
Alpha-BHC	ND		ug/kg	0.744	0.211	1	A
Beta-BHC	ND		ug/kg	1.79	0.677	1	A
Heptachlor	ND		ug/kg	0.893	0.400	1	A
Aldrin	ND		ug/kg	1.79	0.629	1	A
Heptachlor epoxide	ND		ug/kg	3.35	1.00	1	A
Endrin	ND		ug/kg	0.744	0.305	1	A
Endrin aldehyde	ND		ug/kg	2.23	0.782	1	A
Endrin ketone	ND		ug/kg	1.79	0.460	1	A
Dieldrin	ND		ug/kg	1.12	0.558	1	A
4,4'-DDE	ND		ug/kg	1.79	0.413	1	A
4,4'-DDD	ND		ug/kg	1.79	0.637	1	A
4,4'-DDT	ND		ug/kg	1.79	1.44	1	A
Endosulfan I	ND		ug/kg	1.79	0.422	1	A
Endosulfan II	ND		ug/kg	1.79	0.597	1	A
Endosulfan sulfate	ND		ug/kg	0.744	0.354	1	A
Methoxychlor	ND		ug/kg	3.35	1.04	1	A
Toxaphene	ND		ug/kg	33.5	9.38	1	A
cis-Chlordane	ND		ug/kg	2.23	0.622	1	A
trans-Chlordane	ND		ug/kg	2.23	0.589	1	A
Chlordane	ND		ug/kg	14.9	5.92	1	A

Project Name: SUN VALLEY SITE
Project Number: 12060 / PHASE 8

Lab Number: L2353480
Report Date: 09/20/23

SAMPLE RESULTS

Lab ID: L2353480-01
Client ID: COMP_D3(0-7)
Sample Location: OSINING, NY

Date Collected: 09/13/23 09:50
Date Received: 09/13/23
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	62		30-150	A
Decachlorobiphenyl	68		30-150	A
2,4,5,6-Tetrachloro-m-xylene	67		30-150	B
Decachlorobiphenyl	65		30-150	B

Project Name: SUN VALLEY SITE
Project Number: 12060 / PHASE 8

Lab Number: L2353480
Report Date: 09/20/23

SAMPLE RESULTS

Lab ID: L2353480-01
Client ID: COMP_D3(0-7)
Sample Location: OSINING, NY

Date Collected: 09/13/23 09:50
Date Received: 09/13/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8151A
Analytical Date: 09/18/23 12:30
Analyst: EJJ
Percent Solids: 85%
Methylation Date: 09/18/23 01:55

Extraction Method: EPA 8151A
Extraction Date: 09/15/23 15:46

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Chlorinated Herbicides by GC - Westborough Lab							
2,4-D	ND		ug/kg	193	12.2	1	A
2,4,5-T	ND		ug/kg	193	5.99	1	A
2,4,5-TP (Silvex)	ND		ug/kg	193	5.14	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
DCAA	85		30-150	A
DCAA	95		30-150	B

Project Name: SUN VALLEY SITE
Project Number: 12060 / PHASE 8

Lab Number: L2353480
Report Date: 09/20/23

SAMPLE RESULTS

Lab ID: L2353480-03
Client ID: COMP_E3(0-6)
Sample Location: OSINING, NY

Date Collected: 09/13/23 11:30
Date Received: 09/13/23
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 09/15/23 15:28
Analyst: JAG
Percent Solids: 91%

Extraction Method: EPA 3546
Extraction Date: 09/14/23 17:47
Cleanup Method: EPA 3620B
Cleanup Date: 09/15/23
Cleanup Method: EPA 3660B
Cleanup Date: 09/15/23

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.72	0.337	1	A
Lindane	ND		ug/kg	0.718	0.321	1	A
Alpha-BHC	ND		ug/kg	0.718	0.204	1	A
Beta-BHC	ND		ug/kg	1.72	0.653	1	A
Heptachlor	ND		ug/kg	0.862	0.386	1	A
Aldrin	ND		ug/kg	1.72	0.607	1	A
Heptachlor epoxide	ND		ug/kg	3.23	0.969	1	A
Endrin	ND		ug/kg	0.718	0.294	1	A
Endrin aldehyde	ND		ug/kg	2.15	0.754	1	A
Endrin ketone	ND		ug/kg	1.72	0.444	1	A
Dieldrin	ND		ug/kg	1.08	0.538	1	A
4,4'-DDE	ND		ug/kg	1.72	0.398	1	A
4,4'-DDD	ND		ug/kg	1.72	0.614	1	A
4,4'-DDT	ND		ug/kg	1.72	1.38	1	A
Endosulfan I	ND		ug/kg	1.72	0.407	1	A
Endosulfan II	ND		ug/kg	1.72	0.576	1	A
Endosulfan sulfate	ND		ug/kg	0.718	0.342	1	A
Methoxychlor	ND		ug/kg	3.23	1.00	1	A
Toxaphene	ND		ug/kg	32.3	9.05	1	A
cis-Chlordane	ND		ug/kg	2.15	0.600	1	A
trans-Chlordane	ND		ug/kg	2.15	0.569	1	A
Chlordane	ND		ug/kg	14.4	5.71	1	A

Project Name: SUN VALLEY SITE
Project Number: 12060 / PHASE 8

Lab Number: L2353480
Report Date: 09/20/23

SAMPLE RESULTS

Lab ID: L2353480-03
Client ID: COMP_E3(0-6)
Sample Location: OSINING, NY

Date Collected: 09/13/23 11:30
Date Received: 09/13/23
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	64		30-150	A
Decachlorobiphenyl	69		30-150	A
2,4,5,6-Tetrachloro-m-xylene	70		30-150	B
Decachlorobiphenyl	66		30-150	B

Project Name: SUN VALLEY SITE
Project Number: 12060 / PHASE 8

Lab Number: L2353480
Report Date: 09/20/23

SAMPLE RESULTS

Lab ID: L2353480-03
Client ID: COMP_E3(0-6)
Sample Location: OSINING, NY

Date Collected: 09/13/23 11:30
Date Received: 09/13/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8151A
Analytical Date: 09/18/23 12:49
Analyst: EJJ
Percent Solids: 91%
Methylation Date: 09/18/23 01:55

Extraction Method: EPA 8151A
Extraction Date: 09/15/23 15:46

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Chlorinated Herbicides by GC - Westborough Lab							
2,4-D	ND		ug/kg	180	11.4	1	A
2,4,5-T	ND		ug/kg	180	5.59	1	A
2,4,5-TP (Silvex)	ND		ug/kg	180	4.80	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
DCAA	82		30-150	A
DCAA	92		30-150	B

Project Name: SUN VALLEY SITE
Project Number: 12060 / PHASE 8

Lab Number: L2353480
Report Date: 09/20/23

SAMPLE RESULTS

Lab ID: L2353480-05
Client ID: COMP_F3(0-10)
Sample Location: OSINING, NY

Date Collected: 09/13/23 13:00
Date Received: 09/13/23
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 09/15/23 15:39
Analyst: JAG
Percent Solids: 93%

Extraction Method: EPA 3546
Extraction Date: 09/14/23 17:47
Cleanup Method: EPA 3620B
Cleanup Date: 09/15/23
Cleanup Method: EPA 3660B
Cleanup Date: 09/15/23

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.65	0.324	1	A
Lindane	ND		ug/kg	0.688	0.308	1	A
Alpha-BHC	ND		ug/kg	0.688	0.196	1	A
Beta-BHC	ND		ug/kg	1.65	0.626	1	A
Heptachlor	ND		ug/kg	0.826	0.370	1	A
Aldrin	ND		ug/kg	1.65	0.582	1	A
Heptachlor epoxide	ND		ug/kg	3.10	0.929	1	A
Endrin	ND		ug/kg	0.688	0.282	1	A
Endrin aldehyde	ND		ug/kg	2.06	0.723	1	A
Endrin ketone	ND		ug/kg	1.65	0.425	1	A
Dieldrin	ND		ug/kg	1.03	0.516	1	A
4,4'-DDE	ND		ug/kg	1.65	0.382	1	A
4,4'-DDD	ND		ug/kg	1.65	0.589	1	A
4,4'-DDT	ND		ug/kg	1.65	1.33	1	A
Endosulfan I	ND		ug/kg	1.65	0.390	1	A
Endosulfan II	ND		ug/kg	1.65	0.552	1	A
Endosulfan sulfate	ND		ug/kg	0.688	0.328	1	A
Methoxychlor	ND		ug/kg	3.10	0.964	1	A
Toxaphene	ND		ug/kg	31.0	8.67	1	A
cis-Chlordane	ND		ug/kg	2.06	0.575	1	A
trans-Chlordane	ND		ug/kg	2.06	0.545	1	A
Chlordane	ND		ug/kg	13.8	5.47	1	A

Project Name: SUN VALLEY SITE
Project Number: 12060 / PHASE 8

Lab Number: L2353480
Report Date: 09/20/23

SAMPLE RESULTS

Lab ID: L2353480-05
Client ID: COMP_F3(0-10)
Sample Location: OSINING, NY

Date Collected: 09/13/23 13:00
Date Received: 09/13/23
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	69		30-150	A
Decachlorobiphenyl	74		30-150	A
2,4,5,6-Tetrachloro-m-xylene	76		30-150	B
Decachlorobiphenyl	70		30-150	B

Project Name: SUN VALLEY SITE
Project Number: 12060 / PHASE 8

Lab Number: L2353480
Report Date: 09/20/23

SAMPLE RESULTS

Lab ID: L2353480-05
Client ID: COMP_F3(0-10)
Sample Location: OSINING, NY

Date Collected: 09/13/23 13:00
Date Received: 09/13/23
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8151A
Analytical Date: 09/18/23 13:07
Analyst: EJJ
Percent Solids: 93%
Methylation Date: 09/18/23 01:55

Extraction Method: EPA 8151A
Extraction Date: 09/15/23 15:46

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Chlorinated Herbicides by GC - Westborough Lab							
2,4-D	ND		ug/kg	177	11.1	1	A
2,4,5-T	ND		ug/kg	177	5.48	1	A
2,4,5-TP (Silvex)	ND		ug/kg	177	4.70	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
DCAA	85		30-150	A
DCAA	93		30-150	B

Project Name: SUN VALLEY SITE
Project Number: 12060 / PHASE 8

Lab Number: L2353480
Report Date: 09/20/23

SAMPLE RESULTS

Lab ID: L2353480-07
Client ID: COMP_F2(0-7)
Sample Location: OSINING, NY

Date Collected: 09/13/23 14:45
Date Received: 09/13/23
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 09/15/23 15:50
Analyst: JAG
Percent Solids: 93%

Extraction Method: EPA 3546
Extraction Date: 09/14/23 17:47
Cleanup Method: EPA 3620B
Cleanup Date: 09/15/23
Cleanup Method: EPA 3660B
Cleanup Date: 09/15/23

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.69	0.332	1	A
Lindane	ND		ug/kg	0.705	0.315	1	A
Alpha-BHC	ND		ug/kg	0.705	0.200	1	A
Beta-BHC	ND		ug/kg	1.69	0.642	1	A
Heptachlor	ND		ug/kg	0.846	0.380	1	A
Aldrin	ND		ug/kg	1.69	0.596	1	A
Heptachlor epoxide	ND		ug/kg	3.17	0.952	1	A
Endrin	ND		ug/kg	0.705	0.289	1	A
Endrin aldehyde	ND		ug/kg	2.12	0.741	1	A
Endrin ketone	ND		ug/kg	1.69	0.436	1	A
Dieldrin	ND		ug/kg	1.06	0.529	1	A
4,4'-DDE	ND		ug/kg	1.69	0.392	1	A
4,4'-DDD	ND		ug/kg	1.69	0.604	1	A
4,4'-DDT	ND		ug/kg	1.69	1.36	1	A
Endosulfan I	ND		ug/kg	1.69	0.400	1	A
Endosulfan II	ND		ug/kg	1.69	0.566	1	A
Endosulfan sulfate	ND		ug/kg	0.705	0.336	1	A
Methoxychlor	ND		ug/kg	3.17	0.988	1	A
Toxaphene	ND		ug/kg	31.7	8.89	1	A
cis-Chlordane	ND		ug/kg	2.12	0.590	1	A
trans-Chlordane	ND		ug/kg	2.12	0.559	1	A
Chlordane	ND		ug/kg	14.1	5.61	1	A

Project Name: SUN VALLEY SITE
Project Number: 12060 / PHASE 8

Lab Number: L2353480
Report Date: 09/20/23

SAMPLE RESULTS

Lab ID: L2353480-07
Client ID: COMP_F2(0-7)
Sample Location: OSINING, NY

Date Collected: 09/13/23 14:45
Date Received: 09/13/23
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	65		30-150	A
Decachlorobiphenyl	64		30-150	A
2,4,5,6-Tetrachloro-m-xylene	71		30-150	B
Decachlorobiphenyl	62		30-150	B

Project Name: SUN VALLEY SITE
Project Number: 12060 / PHASE 8

Lab Number: L2353480
Report Date: 09/20/23

SAMPLE RESULTS

Lab ID: L2353480-07
Client ID: COMP_F2(0-7)
Sample Location: OSINING, NY

Date Collected: 09/13/23 14:45
Date Received: 09/13/23
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8151A
Analytical Date: 09/18/23 13:25
Analyst: EJJ
Percent Solids: 93%
Methylation Date: 09/18/23 01:55

Extraction Method: EPA 8151A
Extraction Date: 09/15/23 15:46

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
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Chlorinated Herbicides by GC - Westborough Lab

2,4-D	ND		ug/kg	174	11.0	1	A
2,4,5-T	ND		ug/kg	174	5.40	1	A
2,4,5-TP (Silvex)	ND		ug/kg	174	4.63	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
DCAA	81		30-150	A
DCAA	85		30-150	B

Project Name: SUN VALLEY SITE
Project Number: 12060 / PHASE 8

Lab Number: L2353480
Report Date: 09/20/23

SAMPLE RESULTS

Lab ID: L2353480-09
Client ID: COMP_F2(7-15)
Sample Location: OSINING, NY

Date Collected: 09/13/23 15:45
Date Received: 09/13/23
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 09/15/23 16:40
Analyst: EJL
Percent Solids: 93%

Extraction Method: EPA 3546
Extraction Date: 09/14/23 17:47
Cleanup Method: EPA 3620B
Cleanup Date: 09/15/23
Cleanup Method: EPA 3660B
Cleanup Date: 09/15/23

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.68	0.330	1	A
Lindane	ND		ug/kg	0.701	0.314	1	A
Alpha-BHC	ND		ug/kg	0.701	0.199	1	A
Beta-BHC	ND		ug/kg	1.68	0.638	1	A
Heptachlor	ND		ug/kg	0.842	0.377	1	A
Aldrin	ND		ug/kg	1.68	0.593	1	A
Heptachlor epoxide	ND		ug/kg	3.16	0.947	1	A
Endrin	ND		ug/kg	0.701	0.288	1	A
Endrin aldehyde	ND		ug/kg	2.10	0.736	1	A
Endrin ketone	ND		ug/kg	1.68	0.433	1	A
Dieldrin	ND		ug/kg	1.05	0.526	1	A
4,4'-DDE	ND		ug/kg	1.68	0.389	1	A
4,4'-DDD	ND		ug/kg	1.68	0.600	1	A
4,4'-DDT	ND		ug/kg	1.68	1.35	1	A
Endosulfan I	ND		ug/kg	1.68	0.398	1	A
Endosulfan II	ND		ug/kg	1.68	0.562	1	A
Endosulfan sulfate	ND		ug/kg	0.701	0.334	1	A
Methoxychlor	ND		ug/kg	3.16	0.982	1	A
Toxaphene	ND		ug/kg	31.6	8.84	1	A
cis-Chlordane	ND		ug/kg	2.10	0.586	1	A
trans-Chlordane	ND		ug/kg	2.10	0.556	1	A
Chlordane	ND		ug/kg	14.0	5.58	1	A

Project Name: SUN VALLEY SITE
Project Number: 12060 / PHASE 8

Lab Number: L2353480
Report Date: 09/20/23

SAMPLE RESULTS

Lab ID: L2353480-09
Client ID: COMP_F2(7-15)
Sample Location: OSINING, NY

Date Collected: 09/13/23 15:45
Date Received: 09/13/23
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	56		30-150	A
Decachlorobiphenyl	65		30-150	A
2,4,5,6-Tetrachloro-m-xylene	61		30-150	B
Decachlorobiphenyl	63		30-150	B

Project Name: SUN VALLEY SITE
Project Number: 12060 / PHASE 8

Lab Number: L2353480
Report Date: 09/20/23

SAMPLE RESULTS

Lab ID: L2353480-09
Client ID: COMP_F2(7-15)
Sample Location: OSINING, NY

Date Collected: 09/13/23 15:45
Date Received: 09/13/23
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8151A
Analytical Date: 09/18/23 13:43
Analyst: MMG
Percent Solids: 93%
Methylation Date: 09/18/23 01:55

Extraction Method: EPA 8151A
Extraction Date: 09/15/23 15:46

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Chlorinated Herbicides by GC - Westborough Lab							
2,4-D	ND		ug/kg	176	11.1	1	A
2,4,5-T	ND		ug/kg	176	5.44	1	A
2,4,5-TP (Silvex)	ND		ug/kg	176	4.67	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
DCAA	81		30-150	A
DCAA	92		30-150	B

Project Name: SUN VALLEY SITE
Project Number: 12060 / PHASE 8

Lab Number: L2353480
Report Date: 09/20/23

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8081B
Analytical Date: 09/14/23 14:31
Analyst: JAG

Extraction Method: EPA 3546
Extraction Date: 09/13/23 23:47
Cleanup Method: EPA 3620B
Cleanup Date: 09/14/23
Cleanup Method: EPA 3660B
Cleanup Date: 09/14/23

Parameter	Result	Qualifier	Units	RL	MDL	Column
Organochlorine Pesticides by GC - Westborough Lab for sample(s): 01,03,05,07,09 Batch: WG1827260-1						
Delta-BHC	ND		ug/kg	1.55	0.304	A
Lindane	ND		ug/kg	0.646	0.289	A
Alpha-BHC	ND		ug/kg	0.646	0.184	A
Beta-BHC	ND		ug/kg	1.55	0.588	A
Heptachlor	ND		ug/kg	0.776	0.348	A
Aldrin	ND		ug/kg	1.55	0.546	A
Heptachlor epoxide	ND		ug/kg	2.91	0.873	A
Endrin	ND		ug/kg	0.646	0.265	A
Endrin aldehyde	ND		ug/kg	1.94	0.679	A
Endrin ketone	ND		ug/kg	1.55	0.399	A
Dieldrin	ND		ug/kg	0.970	0.485	A
4,4'-DDE	ND		ug/kg	1.55	0.359	A
4,4'-DDD	ND		ug/kg	1.55	0.553	A
4,4'-DDT	ND		ug/kg	1.55	1.25	A
Endosulfan I	ND		ug/kg	1.55	0.366	A
Endosulfan II	ND		ug/kg	1.55	0.518	A
Endosulfan sulfate	ND		ug/kg	0.646	0.308	A
Methoxychlor	ND		ug/kg	2.91	0.905	A
Toxaphene	ND		ug/kg	29.1	8.14	A
cis-Chlordane	ND		ug/kg	1.94	0.540	A
trans-Chlordane	ND		ug/kg	1.94	0.512	A
Chlordane	ND		ug/kg	12.9	5.14	A

Project Name: SUN VALLEY SITE
Project Number: 12060 / PHASE 8

Lab Number: L2353480
Report Date: 09/20/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8081B
 Analytical Date: 09/14/23 14:31
 Analyst: JAG

Extraction Method: EPA 3546
 Extraction Date: 09/13/23 23:47
 Cleanup Method: EPA 3620B
 Cleanup Date: 09/14/23
 Cleanup Method: EPA 3660B
 Cleanup Date: 09/14/23

Parameter	Result	Qualifier	Units	RL	MDL	Column
Organochlorine Pesticides by GC - Westborough Lab for sample(s): 01,03,05,07,09 Batch: WG1827260-1						

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	50		30-150	A
Decachlorobiphenyl	52		30-150	A
2,4,5,6-Tetrachloro-m-xylene	51		30-150	B
Decachlorobiphenyl	58		30-150	B

Project Name: SUN VALLEY SITE
Project Number: 12060 / PHASE 8

Lab Number: L2353480
Report Date: 09/20/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8151A
Analytical Date: 09/18/23 10:59
Analyst: EJL

Extraction Method: EPA 8151A
Extraction Date: 09/15/23 15:46

Methylation Date: 09/17/23 16:54

Parameter	Result	Qualifier	Units	RL	MDL	Column
Chlorinated Herbicides by GC - Westborough Lab for sample(s): 01,03,05,07,09 Batch: WG1828064-1						
2,4-D	ND		ug/kg	162	10.2	A
2,4,5-T	ND		ug/kg	162	5.02	A
2,4,5-TP (Silvex)	ND		ug/kg	162	4.31	A

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
DCAA	89		30-150	A
DCAA	90		30-150	B

Lab Control Sample Analysis

Batch Quality Control

Project Name: SUN VALLEY SITE

Project Number: 12060 / PHASE 8

Lab Number: L2353480

Report Date: 09/20/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 01,03,05,07,09 Batch: WG1827260-2 WG1827260-3									
Delta-BHC	83		82		30-150	1		30	A
Lindane	70		73		30-150	4		30	A
Alpha-BHC	73		76		30-150	4		30	A
Beta-BHC	82		89		30-150	8		30	A
Heptachlor	69		73		30-150	6		30	A
Aldrin	68		72		30-150	6		30	A
Heptachlor epoxide	68		71		30-150	4		30	A
Endrin	73		76		30-150	4		30	A
Endrin aldehyde	62		63		30-150	2		30	A
Endrin ketone	76		78		30-150	3		30	A
Dieldrin	80		80		30-150	0		30	A
4,4'-DDE	71		74		30-150	4		30	A
4,4'-DDD	75		81		30-150	8		30	A
4,4'-DDT	80		82		30-150	2		30	A
Endosulfan I	69		73		30-150	6		30	A
Endosulfan II	74		77		30-150	4		30	A
Endosulfan sulfate	70		72		30-150	3		30	A
Methoxychlor	70		74		30-150	6		30	A
cis-Chlordane	75		80		30-150	6		30	A
trans-Chlordane	80		84		30-150	5		30	A

Lab Control Sample Analysis

Batch Quality Control

Project Name: SUN VALLEY SITE

Project Number: 12060 / PHASE 8

Lab Number: L2353480

Report Date: 09/20/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
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Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 01,03,05,07,09 Batch: WG1827260-2 WG1827260-3

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	56		58		30-150	A
Decachlorobiphenyl	58		64		30-150	A
2,4,5,6-Tetrachloro-m-xylene	58		59		30-150	B
Decachlorobiphenyl	68		72		30-150	B

Lab Control Sample Analysis

Batch Quality Control

Project Name: SUN VALLEY SITE
Project Number: 12060 / PHASE 8

Lab Number: L2353480
Report Date: 09/20/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Chlorinated Herbicides by GC - Westborough Lab Associated sample(s): 01,03,05,07,09 Batch: WG1828064-2 WG1828064-3									
2,4-D	90		89		30-150	1		30	A
2,4,5-T	91		91		30-150	0		30	A
2,4,5-TP (Silvex)	87		88		30-150	1		30	A

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
DCAA	89		86		30-150	A
DCAA	89		91		30-150	B

METALS

Project Name: SUN VALLEY SITE**Lab Number:** L2353480**Project Number:** 12060 / PHASE 8**Report Date:** 09/20/23**SAMPLE RESULTS**

Lab ID: L2353480-01

Date Collected: 09/13/23 09:50

Client ID: COMP_D3(0-7)

Date Received: 09/13/23

Sample Location: OSINING, NY

Field Prep: Not Specified

Sample Depth:

TCLP/SPLP Ext. Date: 09/14/23 17:11

Matrix: Soil

Percent Solids: 85%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
TCLP Metals by EPA 1311 - Mansfield Lab											
Arsenic, TCLP	0.0222	J	mg/l	1.00	0.0190	1	09/18/23 23:10	09/19/23 10:26	EPA 3015	1,6010D	DMB
Barium, TCLP	1.00		mg/l	0.500	0.0210	1	09/18/23 23:10	09/19/23 12:21	EPA 3015	1,6010D	DMB
Cadmium, TCLP	ND		mg/l	0.100	0.0100	1	09/18/23 23:10	09/19/23 10:26	EPA 3015	1,6010D	DMB
Chromium, TCLP	ND		mg/l	0.200	0.0210	1	09/18/23 23:10	09/19/23 10:26	EPA 3015	1,6010D	DMB
Lead, TCLP	ND		mg/l	0.500	0.0270	1	09/18/23 23:10	09/19/23 10:26	EPA 3015	1,6010D	DMB
Mercury, TCLP	ND		mg/l	0.0010	0.0005	1	09/19/23 14:10	09/20/23 08:16	EPA 7470A	1,7470A	GMG
Selenium, TCLP	ND		mg/l	0.500	0.0350	1	09/18/23 23:10	09/19/23 10:26	EPA 3015	1,6010D	DMB
Silver, TCLP	ND		mg/l	0.100	0.0280	1	09/18/23 23:10	09/19/23 10:26	EPA 3015	1,6010D	DMB



Project Name: SUN VALLEY SITE**Lab Number:** L2353480**Project Number:** 12060 / PHASE 8**Report Date:** 09/20/23**SAMPLE RESULTS**

Lab ID: L2353480-01

Date Collected: 09/13/23 09:50

Client ID: COMP_D3(0-7)

Date Received: 09/13/23

Sample Location: OSINING, NY

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 85%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	11400		mg/kg	8.90	2.40	2	09/14/23 22:42	09/15/23 10:30	EPA 3050B	1,6010D	DMB
Antimony, Total	ND		mg/kg	4.45	0.338	2	09/14/23 22:42	09/15/23 10:30	EPA 3050B	1,6010D	DMB
Arsenic, Total	1.37		mg/kg	0.890	0.185	2	09/14/23 22:42	09/15/23 10:30	EPA 3050B	1,6010D	DMB
Barium, Total	133		mg/kg	0.890	0.155	2	09/14/23 22:42	09/15/23 10:30	EPA 3050B	1,6010D	DMB
Beryllium, Total	0.746		mg/kg	0.445	0.029	2	09/14/23 22:42	09/15/23 10:30	EPA 3050B	1,6010D	DMB
Cadmium, Total	0.127	J	mg/kg	0.890	0.087	2	09/14/23 22:42	09/15/23 10:30	EPA 3050B	1,6010D	DMB
Calcium, Total	10000		mg/kg	8.90	3.12	2	09/14/23 22:42	09/15/23 10:30	EPA 3050B	1,6010D	DMB
Chromium, Total	20.5		mg/kg	0.890	0.086	2	09/14/23 22:42	09/15/23 10:30	EPA 3050B	1,6010D	DMB
Cobalt, Total	10.0		mg/kg	1.78	0.148	2	09/14/23 22:42	09/15/23 10:30	EPA 3050B	1,6010D	DMB
Copper, Total	15.7		mg/kg	0.890	0.230	2	09/14/23 22:42	09/15/23 10:30	EPA 3050B	1,6010D	DMB
Iron, Total	20300		mg/kg	4.45	0.804	2	09/14/23 22:42	09/15/23 10:30	EPA 3050B	1,6010D	DMB
Lead, Total	4.66		mg/kg	4.45	0.239	2	09/14/23 22:42	09/15/23 10:30	EPA 3050B	1,6010D	DMB
Magnesium, Total	7910		mg/kg	8.90	1.37	2	09/14/23 22:42	09/15/23 10:30	EPA 3050B	1,6010D	DMB
Manganese, Total	262		mg/kg	0.890	0.142	2	09/14/23 22:42	09/15/23 10:30	EPA 3050B	1,6010D	DMB
Mercury, Total	ND		mg/kg	0.076	0.050	1	09/14/23 23:38	09/16/23 10:03	EPA 7471B	1,7471B	GMG
Nickel, Total	16.5		mg/kg	2.23	0.215	2	09/14/23 22:42	09/15/23 10:30	EPA 3050B	1,6010D	DMB
Potassium, Total	5330		mg/kg	223	12.8	2	09/14/23 22:42	09/15/23 10:30	EPA 3050B	1,6010D	DMB
Selenium, Total	ND		mg/kg	1.78	0.230	2	09/14/23 22:42	09/15/23 10:30	EPA 3050B	1,6010D	DMB
Silver, Total	ND		mg/kg	0.445	0.252	2	09/14/23 22:42	09/15/23 10:30	EPA 3050B	1,6010D	DMB
Sodium, Total	120	J	mg/kg	178	2.80	2	09/14/23 22:42	09/15/23 10:30	EPA 3050B	1,6010D	DMB
Thallium, Total	0.319	J	mg/kg	1.78	0.280	2	09/14/23 22:42	09/15/23 10:30	EPA 3050B	1,6010D	DMB
Vanadium, Total	28.2		mg/kg	0.890	0.181	2	09/14/23 22:42	09/15/23 10:30	EPA 3050B	1,6010D	DMB
Zinc, Total	45.7		mg/kg	4.45	0.261	2	09/14/23 22:42	09/15/23 10:30	EPA 3050B	1,6010D	DMB



Project Name: SUN VALLEY SITE**Lab Number:** L2353480**Project Number:** 12060 / PHASE 8**Report Date:** 09/20/23**SAMPLE RESULTS**

Lab ID: L2353480-03

Date Collected: 09/13/23 11:30

Client ID: COMP_E3(0-6)

Date Received: 09/13/23

Sample Location: OSINING, NY

Field Prep: Not Specified

Sample Depth:

TCLP/SPLP Ext. Date: 09/14/23 17:11

Matrix: Soil

Percent Solids: 91%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
TCLP Metals by EPA 1311 - Mansfield Lab											
Arsenic, TCLP	ND		mg/l	1.00	0.0190	1	09/18/23 23:10	09/19/23 13:19	EPA 3015	1,6010D	DMB
Barium, TCLP	0.673		mg/l	0.500	0.0210	1	09/18/23 23:10	09/19/23 13:19	EPA 3015	1,6010D	DMB
Cadmium, TCLP	ND		mg/l	0.100	0.0100	1	09/18/23 23:10	09/19/23 13:19	EPA 3015	1,6010D	DMB
Chromium, TCLP	ND		mg/l	0.200	0.0210	1	09/18/23 23:10	09/19/23 13:19	EPA 3015	1,6010D	DMB
Lead, TCLP	ND		mg/l	0.500	0.0270	1	09/18/23 23:10	09/19/23 13:19	EPA 3015	1,6010D	DMB
Mercury, TCLP	ND		mg/l	0.0010	0.0005	1	09/19/23 14:10	09/20/23 08:26	EPA 7470A	1,7470A	GMG
Selenium, TCLP	ND		mg/l	0.500	0.0350	1	09/18/23 23:10	09/19/23 13:19	EPA 3015	1,6010D	DMB
Silver, TCLP	ND		mg/l	0.100	0.0280	1	09/18/23 23:10	09/19/23 13:19	EPA 3015	1,6010D	DMB



Project Name: SUN VALLEY SITE**Lab Number:** L2353480**Project Number:** 12060 / PHASE 8**Report Date:** 09/20/23**SAMPLE RESULTS**

Lab ID: L2353480-03

Date Collected: 09/13/23 11:30

Client ID: COMP_E3(0-6)

Date Received: 09/13/23

Sample Location: OSINING, NY

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 91%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	8060		mg/kg	8.56	2.31	2	09/14/23 22:42	09/15/23 10:35	EPA 3050B	1,6010D	DMB
Antimony, Total	ND		mg/kg	4.28	0.325	2	09/14/23 22:42	09/15/23 10:35	EPA 3050B	1,6010D	DMB
Arsenic, Total	1.42		mg/kg	0.856	0.178	2	09/14/23 22:42	09/15/23 10:35	EPA 3050B	1,6010D	DMB
Barium, Total	85.9		mg/kg	0.856	0.149	2	09/14/23 22:42	09/15/23 10:35	EPA 3050B	1,6010D	DMB
Beryllium, Total	0.549		mg/kg	0.428	0.028	2	09/14/23 22:42	09/15/23 10:35	EPA 3050B	1,6010D	DMB
Cadmium, Total	ND		mg/kg	0.856	0.084	2	09/14/23 22:42	09/15/23 10:35	EPA 3050B	1,6010D	DMB
Calcium, Total	15100		mg/kg	8.56	3.00	2	09/14/23 22:42	09/15/23 10:35	EPA 3050B	1,6010D	DMB
Chromium, Total	14.6		mg/kg	0.856	0.082	2	09/14/23 22:42	09/15/23 10:35	EPA 3050B	1,6010D	DMB
Cobalt, Total	6.74		mg/kg	1.71	0.142	2	09/14/23 22:42	09/15/23 10:35	EPA 3050B	1,6010D	DMB
Copper, Total	15.4		mg/kg	0.856	0.221	2	09/14/23 22:42	09/15/23 10:35	EPA 3050B	1,6010D	DMB
Iron, Total	15600		mg/kg	4.28	0.773	2	09/14/23 22:42	09/15/23 10:35	EPA 3050B	1,6010D	DMB
Lead, Total	5.90		mg/kg	4.28	0.229	2	09/14/23 22:42	09/15/23 10:35	EPA 3050B	1,6010D	DMB
Magnesium, Total	10400		mg/kg	8.56	1.32	2	09/14/23 22:42	09/15/23 10:35	EPA 3050B	1,6010D	DMB
Manganese, Total	190		mg/kg	0.856	0.136	2	09/14/23 22:42	09/15/23 10:35	EPA 3050B	1,6010D	DMB
Mercury, Total	ND		mg/kg	0.071	0.046	1	09/14/23 23:38	09/16/23 10:07	EPA 7471B	1,7471B	GMG
Nickel, Total	13.0		mg/kg	2.14	0.207	2	09/14/23 22:42	09/15/23 10:35	EPA 3050B	1,6010D	DMB
Potassium, Total	3560		mg/kg	214	12.3	2	09/14/23 22:42	09/15/23 10:35	EPA 3050B	1,6010D	DMB
Selenium, Total	ND		mg/kg	1.71	0.221	2	09/14/23 22:42	09/15/23 10:35	EPA 3050B	1,6010D	DMB
Silver, Total	ND		mg/kg	0.428	0.242	2	09/14/23 22:42	09/15/23 10:35	EPA 3050B	1,6010D	DMB
Sodium, Total	90.1	J	mg/kg	171	2.70	2	09/14/23 22:42	09/15/23 10:35	EPA 3050B	1,6010D	DMB
Thallium, Total	0.306	J	mg/kg	1.71	0.270	2	09/14/23 22:42	09/15/23 10:35	EPA 3050B	1,6010D	DMB
Vanadium, Total	20.0		mg/kg	0.856	0.174	2	09/14/23 22:42	09/15/23 10:35	EPA 3050B	1,6010D	DMB
Zinc, Total	35.8		mg/kg	4.28	0.251	2	09/14/23 22:42	09/15/23 10:35	EPA 3050B	1,6010D	DMB



Project Name: SUN VALLEY SITE**Lab Number:** L2353480**Project Number:** 12060 / PHASE 8**Report Date:** 09/20/23**SAMPLE RESULTS**

Lab ID: L2353480-05

Date Collected: 09/13/23 13:00

Client ID: COMP_F3(0-10)

Date Received: 09/13/23

Sample Location: OSINING, NY

Field Prep: Not Specified

Sample Depth:

TCLP/SPLP Ext. Date: 09/14/23 17:11

Matrix: Soil

Percent Solids: 93%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
TCLP Metals by EPA 1311 - Mansfield Lab											
Arsenic, TCLP	ND		mg/l	1.00	0.0190	1	09/18/23 23:10	09/19/23 13:24	EPA 3015	1,6010D	DMB
Barium, TCLP	0.588		mg/l	0.500	0.0210	1	09/18/23 23:10	09/19/23 13:24	EPA 3015	1,6010D	DMB
Cadmium, TCLP	ND		mg/l	0.100	0.0100	1	09/18/23 23:10	09/19/23 13:24	EPA 3015	1,6010D	DMB
Chromium, TCLP	ND		mg/l	0.200	0.0210	1	09/18/23 23:10	09/19/23 13:24	EPA 3015	1,6010D	DMB
Lead, TCLP	ND		mg/l	0.500	0.0270	1	09/18/23 23:10	09/19/23 13:24	EPA 3015	1,6010D	DMB
Mercury, TCLP	ND		mg/l	0.0010	0.0005	1	09/19/23 14:10	09/20/23 08:30	EPA 7470A	1,7470A	GMG
Selenium, TCLP	ND		mg/l	0.500	0.0350	1	09/18/23 23:10	09/19/23 13:24	EPA 3015	1,6010D	DMB
Silver, TCLP	ND		mg/l	0.100	0.0280	1	09/18/23 23:10	09/19/23 13:24	EPA 3015	1,6010D	DMB



Project Name: SUN VALLEY SITE**Lab Number:** L2353480**Project Number:** 12060 / PHASE 8**Report Date:** 09/20/23**SAMPLE RESULTS**

Lab ID: L2353480-05

Date Collected: 09/13/23 13:00

Client ID: COMP_F3(0-10)

Date Received: 09/13/23

Sample Location: OSINING, NY

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 93%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	7180		mg/kg	8.12	2.19	2	09/14/23 22:42	09/15/23 10:40	EPA 3050B	1,6010D	DMB
Antimony, Total	ND		mg/kg	4.06	0.308	2	09/14/23 22:42	09/15/23 10:40	EPA 3050B	1,6010D	DMB
Arsenic, Total	1.10		mg/kg	0.812	0.169	2	09/14/23 22:42	09/15/23 10:40	EPA 3050B	1,6010D	DMB
Barium, Total	74.3		mg/kg	0.812	0.141	2	09/14/23 22:42	09/15/23 10:40	EPA 3050B	1,6010D	DMB
Beryllium, Total	0.516		mg/kg	0.406	0.027	2	09/14/23 22:42	09/15/23 10:40	EPA 3050B	1,6010D	DMB
Cadmium, Total	ND		mg/kg	0.812	0.080	2	09/14/23 22:42	09/15/23 10:40	EPA 3050B	1,6010D	DMB
Calcium, Total	6210		mg/kg	8.12	2.84	2	09/14/23 22:42	09/15/23 10:40	EPA 3050B	1,6010D	DMB
Chromium, Total	12.6		mg/kg	0.812	0.078	2	09/14/23 22:42	09/15/23 10:40	EPA 3050B	1,6010D	DMB
Cobalt, Total	6.41		mg/kg	1.62	0.135	2	09/14/23 22:42	09/15/23 10:40	EPA 3050B	1,6010D	DMB
Copper, Total	11.7		mg/kg	0.812	0.209	2	09/14/23 22:42	09/15/23 10:40	EPA 3050B	1,6010D	DMB
Iron, Total	13400		mg/kg	4.06	0.733	2	09/14/23 22:42	09/15/23 10:40	EPA 3050B	1,6010D	DMB
Lead, Total	7.04		mg/kg	4.06	0.218	2	09/14/23 22:42	09/15/23 10:40	EPA 3050B	1,6010D	DMB
Magnesium, Total	4940		mg/kg	8.12	1.25	2	09/14/23 22:42	09/15/23 10:40	EPA 3050B	1,6010D	DMB
Manganese, Total	183		mg/kg	0.812	0.129	2	09/14/23 22:42	09/15/23 10:40	EPA 3050B	1,6010D	DMB
Mercury, Total	ND		mg/kg	0.069	0.045	1	09/14/23 23:38	09/16/23 10:10	EPA 7471B	1,7471B	GMG
Nickel, Total	10.6		mg/kg	2.03	0.196	2	09/14/23 22:42	09/15/23 10:40	EPA 3050B	1,6010D	DMB
Potassium, Total	3120		mg/kg	203	11.7	2	09/14/23 22:42	09/15/23 10:40	EPA 3050B	1,6010D	DMB
Selenium, Total	ND		mg/kg	1.62	0.209	2	09/14/23 22:42	09/15/23 10:40	EPA 3050B	1,6010D	DMB
Silver, Total	ND		mg/kg	0.406	0.230	2	09/14/23 22:42	09/15/23 10:40	EPA 3050B	1,6010D	DMB
Sodium, Total	110	J	mg/kg	162	2.56	2	09/14/23 22:42	09/15/23 10:40	EPA 3050B	1,6010D	DMB
Thallium, Total	ND		mg/kg	1.62	0.256	2	09/14/23 22:42	09/15/23 10:40	EPA 3050B	1,6010D	DMB
Vanadium, Total	17.1		mg/kg	0.812	0.165	2	09/14/23 22:42	09/15/23 10:40	EPA 3050B	1,6010D	DMB
Zinc, Total	35.6		mg/kg	4.06	0.238	2	09/14/23 22:42	09/15/23 10:40	EPA 3050B	1,6010D	DMB



Project Name: SUN VALLEY SITE**Lab Number:** L2353480**Project Number:** 12060 / PHASE 8**Report Date:** 09/20/23**SAMPLE RESULTS**

Lab ID: L2353480-07

Date Collected: 09/13/23 14:45

Client ID: COMP_F2(0-7)

Date Received: 09/13/23

Sample Location: OSINING, NY

Field Prep: Not Specified

Sample Depth:

TCLP/SPLP Ext. Date: 09/14/23 17:11

Matrix: Soil

Percent Solids: 93%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
TCLP Metals by EPA 1311 - Mansfield Lab											
Arsenic, TCLP	ND		mg/l	1.00	0.0190	1	09/18/23 23:10	09/19/23 13:28	EPA 3015	1,6010D	DMB
Barium, TCLP	0.658		mg/l	0.500	0.0210	1	09/18/23 23:10	09/19/23 13:28	EPA 3015	1,6010D	DMB
Cadmium, TCLP	ND		mg/l	0.100	0.0100	1	09/18/23 23:10	09/19/23 13:28	EPA 3015	1,6010D	DMB
Chromium, TCLP	ND		mg/l	0.200	0.0210	1	09/18/23 23:10	09/19/23 13:28	EPA 3015	1,6010D	DMB
Lead, TCLP	ND		mg/l	0.500	0.0270	1	09/18/23 23:10	09/19/23 13:28	EPA 3015	1,6010D	DMB
Mercury, TCLP	ND		mg/l	0.0010	0.0005	1	09/19/23 14:10	09/20/23 08:33	EPA 7470A	1,7470A	GMG
Selenium, TCLP	ND		mg/l	0.500	0.0350	1	09/18/23 23:10	09/19/23 13:28	EPA 3015	1,6010D	DMB
Silver, TCLP	ND		mg/l	0.100	0.0280	1	09/18/23 23:10	09/19/23 13:28	EPA 3015	1,6010D	DMB



Project Name: SUN VALLEY SITE**Lab Number:** L2353480**Project Number:** 12060 / PHASE 8**Report Date:** 09/20/23**SAMPLE RESULTS**

Lab ID: L2353480-07

Date Collected: 09/13/23 14:45

Client ID: COMP_F2(0-7)

Date Received: 09/13/23

Sample Location: OSINING, NY

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 93%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	14300		mg/kg	8.26	2.23	2	09/14/23 22:42	09/15/23 10:44	EPA 3050B	1,6010D	DMB
Antimony, Total	ND		mg/kg	4.13	0.314	2	09/14/23 22:42	09/15/23 10:44	EPA 3050B	1,6010D	DMB
Arsenic, Total	0.760	J	mg/kg	0.826	0.172	2	09/14/23 22:42	09/15/23 10:44	EPA 3050B	1,6010D	DMB
Barium, Total	142		mg/kg	0.826	0.144	2	09/14/23 22:42	09/15/23 10:44	EPA 3050B	1,6010D	DMB
Beryllium, Total	0.904		mg/kg	0.413	0.027	2	09/14/23 22:42	09/15/23 10:44	EPA 3050B	1,6010D	DMB
Cadmium, Total	ND		mg/kg	0.826	0.081	2	09/14/23 22:42	09/15/23 10:44	EPA 3050B	1,6010D	DMB
Calcium, Total	6130		mg/kg	8.26	2.89	2	09/14/23 22:42	09/15/23 10:44	EPA 3050B	1,6010D	DMB
Chromium, Total	28.6		mg/kg	0.826	0.079	2	09/14/23 22:42	09/15/23 10:44	EPA 3050B	1,6010D	DMB
Cobalt, Total	12.8		mg/kg	1.65	0.137	2	09/14/23 22:42	09/15/23 10:44	EPA 3050B	1,6010D	DMB
Copper, Total	18.7		mg/kg	0.826	0.213	2	09/14/23 22:42	09/15/23 10:44	EPA 3050B	1,6010D	DMB
Iron, Total	26300		mg/kg	4.13	0.746	2	09/14/23 22:42	09/15/23 10:44	EPA 3050B	1,6010D	DMB
Lead, Total	7.63		mg/kg	4.13	0.221	2	09/14/23 22:42	09/15/23 10:44	EPA 3050B	1,6010D	DMB
Magnesium, Total	10100		mg/kg	8.26	1.27	2	09/14/23 22:42	09/15/23 10:44	EPA 3050B	1,6010D	DMB
Manganese, Total	387		mg/kg	0.826	0.131	2	09/14/23 22:42	09/15/23 10:44	EPA 3050B	1,6010D	DMB
Mercury, Total	ND		mg/kg	0.073	0.047	1	09/14/23 23:38	09/16/23 10:13	EPA 7471B	1,7471B	GMG
Nickel, Total	22.2		mg/kg	2.06	0.200	2	09/14/23 22:42	09/15/23 10:44	EPA 3050B	1,6010D	DMB
Potassium, Total	7310		mg/kg	206	11.9	2	09/14/23 22:42	09/15/23 10:44	EPA 3050B	1,6010D	DMB
Selenium, Total	ND		mg/kg	1.65	0.213	2	09/14/23 22:42	09/15/23 10:44	EPA 3050B	1,6010D	DMB
Silver, Total	ND		mg/kg	0.413	0.234	2	09/14/23 22:42	09/15/23 10:44	EPA 3050B	1,6010D	DMB
Sodium, Total	320		mg/kg	165	2.60	2	09/14/23 22:42	09/15/23 10:44	EPA 3050B	1,6010D	DMB
Thallium, Total	0.506	J	mg/kg	1.65	0.260	2	09/14/23 22:42	09/15/23 10:44	EPA 3050B	1,6010D	DMB
Vanadium, Total	40.1		mg/kg	0.826	0.168	2	09/14/23 22:42	09/15/23 10:44	EPA 3050B	1,6010D	DMB
Zinc, Total	63.9		mg/kg	4.13	0.242	2	09/14/23 22:42	09/15/23 10:44	EPA 3050B	1,6010D	DMB



Project Name: SUN VALLEY SITE**Lab Number:** L2353480**Project Number:** 12060 / PHASE 8**Report Date:** 09/20/23**SAMPLE RESULTS**

Lab ID: L2353480-09

Date Collected: 09/13/23 15:45

Client ID: COMP_F2(7-15)

Date Received: 09/13/23

Sample Location: OSINING, NY

Field Prep: Not Specified

Sample Depth:

TCLP/SPLP Ext. Date: 09/14/23 17:11

Matrix: Soil

Percent Solids: 93%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
TCLP Metals by EPA 1311 - Mansfield Lab											
Arsenic, TCLP	ND		mg/l	1.00	0.0190	1	09/18/23 23:10	09/19/23 13:33	EPA 3015	1,6010D	DMB
Barium, TCLP	0.929		mg/l	0.500	0.0210	1	09/18/23 23:10	09/19/23 13:33	EPA 3015	1,6010D	DMB
Cadmium, TCLP	ND		mg/l	0.100	0.0100	1	09/18/23 23:10	09/19/23 13:33	EPA 3015	1,6010D	DMB
Chromium, TCLP	ND		mg/l	0.200	0.0210	1	09/18/23 23:10	09/19/23 13:33	EPA 3015	1,6010D	DMB
Lead, TCLP	ND		mg/l	0.500	0.0270	1	09/18/23 23:10	09/19/23 13:33	EPA 3015	1,6010D	DMB
Mercury, TCLP	ND		mg/l	0.0010	0.0005	1	09/19/23 14:10	09/20/23 08:36	EPA 7470A	1,7470A	GMG
Selenium, TCLP	ND		mg/l	0.500	0.0350	1	09/18/23 23:10	09/19/23 13:33	EPA 3015	1,6010D	DMB
Silver, TCLP	ND		mg/l	0.100	0.0280	1	09/18/23 23:10	09/19/23 13:33	EPA 3015	1,6010D	DMB



Project Name: SUN VALLEY SITE**Lab Number:** L2353480**Project Number:** 12060 / PHASE 8**Report Date:** 09/20/23**SAMPLE RESULTS**

Lab ID: L2353480-09

Date Collected: 09/13/23 15:45

Client ID: COMP_F2(7-15)

Date Received: 09/13/23

Sample Location: OSINING, NY

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 93%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	11200		mg/kg	8.16	2.20	2	09/14/23 22:42	09/15/23 10:49	EPA 3050B	1,6010D	DMB
Antimony, Total	ND		mg/kg	4.08	0.310	2	09/14/23 22:42	09/15/23 10:49	EPA 3050B	1,6010D	DMB
Arsenic, Total	1.36		mg/kg	0.816	0.170	2	09/14/23 22:42	09/15/23 10:49	EPA 3050B	1,6010D	DMB
Barium, Total	133		mg/kg	0.816	0.142	2	09/14/23 22:42	09/15/23 10:49	EPA 3050B	1,6010D	DMB
Beryllium, Total	0.737		mg/kg	0.408	0.027	2	09/14/23 22:42	09/15/23 10:49	EPA 3050B	1,6010D	DMB
Cadmium, Total	ND		mg/kg	0.816	0.080	2	09/14/23 22:42	09/15/23 10:49	EPA 3050B	1,6010D	DMB
Calcium, Total	3230		mg/kg	8.16	2.86	2	09/14/23 22:42	09/15/23 10:49	EPA 3050B	1,6010D	DMB
Chromium, Total	20.2		mg/kg	0.816	0.078	2	09/14/23 22:42	09/15/23 10:49	EPA 3050B	1,6010D	DMB
Cobalt, Total	10.0		mg/kg	1.63	0.136	2	09/14/23 22:42	09/15/23 10:49	EPA 3050B	1,6010D	DMB
Copper, Total	18.9		mg/kg	0.816	0.211	2	09/14/23 22:42	09/15/23 10:49	EPA 3050B	1,6010D	DMB
Iron, Total	21100		mg/kg	4.08	0.737	2	09/14/23 22:42	09/15/23 10:49	EPA 3050B	1,6010D	DMB
Lead, Total	5.27		mg/kg	4.08	0.219	2	09/14/23 22:42	09/15/23 10:49	EPA 3050B	1,6010D	DMB
Magnesium, Total	5800		mg/kg	8.16	1.26	2	09/14/23 22:42	09/15/23 10:49	EPA 3050B	1,6010D	DMB
Manganese, Total	294		mg/kg	0.816	0.130	2	09/14/23 22:42	09/15/23 10:49	EPA 3050B	1,6010D	DMB
Mercury, Total	ND		mg/kg	0.074	0.049	1	09/14/23 23:38	09/16/23 10:17	EPA 7471B	1,7471B	GMG
Nickel, Total	18.0		mg/kg	2.04	0.198	2	09/14/23 22:42	09/15/23 10:49	EPA 3050B	1,6010D	DMB
Potassium, Total	5100		mg/kg	204	11.8	2	09/14/23 22:42	09/15/23 10:49	EPA 3050B	1,6010D	DMB
Selenium, Total	ND		mg/kg	1.63	0.211	2	09/14/23 22:42	09/15/23 10:49	EPA 3050B	1,6010D	DMB
Silver, Total	ND		mg/kg	0.408	0.231	2	09/14/23 22:42	09/15/23 10:49	EPA 3050B	1,6010D	DMB
Sodium, Total	176		mg/kg	163	2.57	2	09/14/23 22:42	09/15/23 10:49	EPA 3050B	1,6010D	DMB
Thallium, Total	0.310	J	mg/kg	1.63	0.257	2	09/14/23 22:42	09/15/23 10:49	EPA 3050B	1,6010D	DMB
Vanadium, Total	27.2		mg/kg	0.816	0.166	2	09/14/23 22:42	09/15/23 10:49	EPA 3050B	1,6010D	DMB
Zinc, Total	48.9		mg/kg	4.08	0.239	2	09/14/23 22:42	09/15/23 10:49	EPA 3050B	1,6010D	DMB



Project Name: SUN VALLEY SITE

Lab Number: L2353480

Project Number: 12060 / PHASE 8

Report Date: 09/20/23

Method Blank Analysis Batch Quality Control

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 01,03,05,07,09 Batch: WG1827468-1										
Aluminum, Total	ND		mg/kg	4.00	1.08	1	09/14/23 22:42	09/15/23 09:26	1,6010D	DMB
Antimony, Total	ND		mg/kg	2.00	0.152	1	09/14/23 22:42	09/15/23 09:26	1,6010D	DMB
Arsenic, Total	ND		mg/kg	0.400	0.083	1	09/14/23 22:42	09/15/23 09:26	1,6010D	DMB
Barium, Total	ND		mg/kg	0.400	0.070	1	09/14/23 22:42	09/15/23 09:26	1,6010D	DMB
Beryllium, Total	ND		mg/kg	0.200	0.013	1	09/14/23 22:42	09/15/23 09:26	1,6010D	DMB
Cadmium, Total	ND		mg/kg	0.400	0.039	1	09/14/23 22:42	09/15/23 09:26	1,6010D	DMB
Calcium, Total	ND		mg/kg	4.00	1.40	1	09/14/23 22:42	09/15/23 09:26	1,6010D	DMB
Chromium, Total	ND		mg/kg	0.400	0.038	1	09/14/23 22:42	09/15/23 09:26	1,6010D	DMB
Cobalt, Total	ND		mg/kg	0.800	0.066	1	09/14/23 22:42	09/15/23 09:26	1,6010D	DMB
Copper, Total	ND		mg/kg	0.400	0.103	1	09/14/23 22:42	09/15/23 09:26	1,6010D	DMB
Iron, Total	ND		mg/kg	2.00	0.361	1	09/14/23 22:42	09/15/23 09:26	1,6010D	DMB
Lead, Total	ND		mg/kg	2.00	0.107	1	09/14/23 22:42	09/15/23 09:26	1,6010D	DMB
Magnesium, Total	ND		mg/kg	4.00	0.616	1	09/14/23 22:42	09/15/23 09:26	1,6010D	DMB
Manganese, Total	ND		mg/kg	0.400	0.064	1	09/14/23 22:42	09/15/23 09:26	1,6010D	DMB
Nickel, Total	ND		mg/kg	1.00	0.097	1	09/14/23 22:42	09/15/23 09:26	1,6010D	DMB
Potassium, Total	ND		mg/kg	100	5.76	1	09/14/23 22:42	09/15/23 09:26	1,6010D	DMB
Selenium, Total	ND		mg/kg	0.800	0.103	1	09/14/23 22:42	09/15/23 09:26	1,6010D	DMB
Silver, Total	ND		mg/kg	0.200	0.113	1	09/14/23 22:42	09/15/23 09:26	1,6010D	DMB
Sodium, Total	4.62	J	mg/kg	80.0	1.26	1	09/14/23 22:42	09/15/23 09:26	1,6010D	DMB
Thallium, Total	ND		mg/kg	0.800	0.126	1	09/14/23 22:42	09/15/23 09:26	1,6010D	DMB
Vanadium, Total	ND		mg/kg	0.400	0.081	1	09/14/23 22:42	09/15/23 09:26	1,6010D	DMB
Zinc, Total	ND		mg/kg	2.00	0.117	1	09/14/23 22:42	09/15/23 09:26	1,6010D	DMB

Prep Information

Digestion Method: EPA 3050B

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 01,03,05,07,09 Batch: WG1827472-1										
Mercury, Total	ND		mg/kg	0.083	0.054	1	09/14/23 23:38	09/16/23 09:26	1,7471B	GMG



Project Name: SUN VALLEY SITE
Project Number: 12060 / PHASE 8

Lab Number: L2353480
Report Date: 09/20/23

Method Blank Analysis Batch Quality Control

Prep Information

Digestion Method: EPA 7471B

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
TCLP Metals by EPA 1311 - Mansfield Lab for sample(s): 01,03,05,07,09 Batch: WG1827989-1										
Arsenic, TCLP	0.0216	J	mg/l	1.00	0.0190	1	09/18/23 23:10	09/19/23 10:02	1,6010D	DMB
Barium, TCLP	ND		mg/l	0.500	0.0210	1	09/18/23 23:10	09/19/23 11:57	1,6010D	DMB
Cadmium, TCLP	ND		mg/l	0.100	0.0100	1	09/18/23 23:10	09/19/23 10:02	1,6010D	DMB
Chromium, TCLP	ND		mg/l	0.200	0.0210	1	09/18/23 23:10	09/19/23 10:02	1,6010D	DMB
Lead, TCLP	ND		mg/l	0.500	0.0270	1	09/18/23 23:10	09/19/23 10:02	1,6010D	DMB
Selenium, TCLP	ND		mg/l	0.500	0.0350	1	09/18/23 23:10	09/19/23 10:02	1,6010D	DMB
Silver, TCLP	ND		mg/l	0.100	0.0280	1	09/18/23 23:10	09/19/23 10:02	1,6010D	DMB

Prep Information

Digestion Method: EPA 3015
TCLP/SPLP Extraction Date: 09/14/23 17:11

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
TCLP Metals by EPA 1311 - Mansfield Lab for sample(s): 01,03,05,07,09 Batch: WG1827991-1										
Mercury, TCLP	ND		mg/l	0.0010	0.0005	1	09/19/23 14:10	09/20/23 08:10	1,7470A	GMG

Prep Information

Digestion Method: EPA 7470A
TCLP/SPLP Extraction Date: 09/14/23 17:11

Lab Control Sample Analysis

Batch Quality Control

Project Name: SUN VALLEY SITE

Project Number: 12060 / PHASE 8

Lab Number: L2353480

Report Date: 09/20/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01,03,05,07,09 Batch: WG1827468-2 SRM Lot Number: D119-540								
Aluminum, Total	72		-		48-152	-		
Antimony, Total	129		-		10-190	-		
Arsenic, Total	95		-		83-117	-		
Barium, Total	92		-		82-118	-		
Beryllium, Total	94		-		83-117	-		
Cadmium, Total	88		-		82-117	-		
Calcium, Total	93		-		81-118	-		
Chromium, Total	97		-		82-119	-		
Cobalt, Total	96		-		83-117	-		
Copper, Total	96		-		84-116	-		
Iron, Total	98		-		60-140	-		
Lead, Total	97		-		82-118	-		
Magnesium, Total	89		-		76-124	-		
Manganese, Total	90		-		82-118	-		
Nickel, Total	95		-		82-117	-		
Potassium, Total	85		-		70-130	-		
Selenium, Total	98		-		79-121	-		
Silver, Total	101		-		80-120	-		
Sodium, Total	92		-		74-126	-		
Thallium, Total	96		-		81-119	-		
Vanadium, Total	93		-		79-121	-		

Lab Control Sample Analysis

Batch Quality Control

Project Name: SUN VALLEY SITE

Project Number: 12060 / PHASE 8

Lab Number: L2353480

Report Date: 09/20/23

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01,03,05,07,09 Batch: WG1827468-2 SRM Lot Number: D119-540					
Zinc, Total	96	-	80-120	-	
Total Metals - Mansfield Lab Associated sample(s): 01,03,05,07,09 Batch: WG1827472-2 SRM Lot Number: D119-540					
Mercury, Total	109	-	73-127	-	
TCLP Metals by EPA 1311 - Mansfield Lab Associated sample(s): 01,03,05,07,09 Batch: WG1827989-2					
Arsenic, TCLP	100	-	75-125	-	20
Barium, TCLP	86	-	75-125	-	20
Cadmium, TCLP	93	-	75-125	-	20
Chromium, TCLP	92	-	75-125	-	20
Lead, TCLP	94	-	75-125	-	20
Selenium, TCLP	102	-	75-125	-	20
Silver, TCLP	92	-	75-125	-	20
TCLP Metals by EPA 1311 - Mansfield Lab Associated sample(s): 01,03,05,07,09 Batch: WG1827991-2					
Mercury, TCLP	120	-	80-120	-	

Matrix Spike Analysis

Batch Quality Control

Project Name: SUN VALLEY SITE
Project Number: 12060 / PHASE 8

Lab Number: L2353480
Report Date: 09/20/23

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01,03,05,07,09 QC Batch ID: WG1827468-3 QC Sample: L2353343-02 Client ID: MS Sample												
Aluminum, Total	26700	185	30600	2100	Q	-	-		75-125	-		20
Antimony, Total	ND	46.3	28.8	62	Q	-	-		75-125	-		20
Arsenic, Total	1.80	11.1	9.05	65	Q	-	-		75-125	-		20
Barium, Total	148	185	275	68	Q	-	-		75-125	-		20
Beryllium, Total	1.71	4.63	5.11	73	Q	-	-		75-125	-		20
Cadmium, Total	ND	4.91	3.40	69	Q	-	-		75-125	-		20
Calcium, Total	528	927	1260	79		-	-		75-125	-		20
Chromium, Total	31.6	18.5	46.2	79		-	-		75-125	-		20
Cobalt, Total	22.1	46.3	55.2	71	Q	-	-		75-125	-		20
Copper, Total	25.3	23.2	43.2	77		-	-		75-125	-		20
Iron, Total	24300	92.7	24600	324	Q	-	-		75-125	-		20
Lead, Total	8.32	49.1	43.3	71	Q	-	-		75-125	-		20
Magnesium, Total	6820	927	7690	94		-	-		75-125	-		20
Manganese, Total	246	46.3	277	67	Q	-	-		75-125	-		20
Nickel, Total	28.5	46.3	61.3	71	Q	-	-		75-125	-		20
Potassium, Total	7410	927	7970	60	Q	-	-		75-125	-		20
Selenium, Total	ND	11.1	7.61	68	Q	-	-		75-125	-		20
Silver, Total	ND	4.63	3.22	69	Q	-	-		75-125	-		20
Sodium, Total	622	927	1260	69	Q	-	-		75-125	-		20
Thallium, Total	ND	11.1	7.54	68	Q	-	-		75-125	-		20
Vanadium, Total	46.6	46.3	81.6	76		-	-		75-125	-		20

Matrix Spike Analysis

Batch Quality Control

Project Name: SUN VALLEY SITE
Project Number: 12060 / PHASE 8

Lab Number: L2353480
Report Date: 09/20/23

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	MSD Found	MSD %Recovery	Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01,03,05,07,09 QC Batch ID: WG1827468-3 QC Sample: L2353343-02 Client ID: MS Sample									
Zinc, Total	73.5	46.3	109	77	-	-	75-125	-	20
Total Metals - Mansfield Lab Associated sample(s): 01,03,05,07,09 QC Batch ID: WG1827472-3 QC Sample: L2353343-02 Client ID: MS Sample									
Mercury, Total	ND	1.74	2.02	116	-	-	80-120	-	20
TCLP Metals by EPA 1311 - Mansfield Lab Associated sample(s): 01,03,05,07,09 QC Batch ID: WG1827989-3 QC Sample: L2353480-01 Client ID: COMP_D3(0-7)									
Arsenic, TCLP	0.0222J	1.2	1.25	104	-	-	75-125	-	20
Barium, TCLP	1.00	20	18.8	89	-	-	75-125	-	20
Cadmium, TCLP	ND	0.53	0.505	95	-	-	75-125	-	20
Chromium, TCLP	ND	2	1.88	94	-	-	75-125	-	20
Lead, TCLP	ND	5.3	5.12	97	-	-	75-125	-	20
Selenium, TCLP	ND	1.2	1.23	102	-	-	75-125	-	20
Silver, TCLP	ND	0.5	0.474	95	-	-	75-125	-	20
TCLP Metals by EPA 1311 - Mansfield Lab Associated sample(s): 01,03,05,07,09 QC Batch ID: WG1827991-3 QC Sample: L2353480-01 Client ID: COMP_D3(0-7)									
Mercury, TCLP	ND	0.025	0.0300	120	-	-	75-125	-	20

Lab Duplicate Analysis

Batch Quality Control

Project Name: SUN VALLEY SITE
Project Number: 12060 / PHASE 8

Lab Number: L2353480
Report Date: 09/20/23

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01,03,05,07,09 QC Batch ID: WG1827468-4 QC Sample: L2353343-02 Client ID: DUP Sample						
Aluminum, Total	26700	29100	mg/kg	9		20
Antimony, Total	ND	ND	mg/kg	NC		20
Arsenic, Total	1.80	1.44	mg/kg	22	Q	20
Barium, Total	148	138	mg/kg	7		20
Beryllium, Total	1.71	1.71	mg/kg	0		20
Cadmium, Total	ND	ND	mg/kg	NC		20
Calcium, Total	528	584	mg/kg	10		20
Chromium, Total	31.6	29.2	mg/kg	8		20
Cobalt, Total	22.1	20.0	mg/kg	10		20
Copper, Total	25.3	23.9	mg/kg	6		20
Iron, Total	24300	23200	mg/kg	5		20
Lead, Total	8.32	8.36	mg/kg	0		20
Magnesium, Total	6820	6340	mg/kg	7		20
Manganese, Total	246	241	mg/kg	2		20
Nickel, Total	28.5	27.0	mg/kg	5		20
Potassium, Total	7410	7040	mg/kg	5		20
Selenium, Total	ND	ND	mg/kg	NC		20
Silver, Total	ND	ND	mg/kg	NC		20
Sodium, Total	622	554	mg/kg	12		20

Lab Duplicate Analysis *Batch Quality Control*

Project Name: SUN VALLEY SITE
Project Number: 12060 / PHASE 8

Lab Number: L2353480
Report Date: 09/20/23

Parameter	Native Sample	Duplicate Sample	Units	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01,03,05,07,09 QC Batch ID: WG1827468-4 QC Sample: L2353343-02 Client ID: DUP Sample					
Thallium, Total	ND	ND	mg/kg	NC	20
Vanadium, Total	46.6	43.0	mg/kg	8	20
Zinc, Total	73.5	69.8	mg/kg	5	20
Total Metals - Mansfield Lab Associated sample(s): 01,03,05,07,09 QC Batch ID: WG1827472-4 QC Sample: L2353343-02 Client ID: DUP Sample					
Mercury, Total	ND	ND	mg/kg	NC	20
TCLP Metals by EPA 1311 - Mansfield Lab Associated sample(s): 01,03,05,07,09 QC Batch ID: WG1827989-4 QC Sample: L2353480-01 Client ID: COMP_D3(0-7)					
Arsenic, TCLP	0.0222J	ND	mg/l	NC	20
Cadmium, TCLP	ND	ND	mg/l	NC	20
Chromium, TCLP	ND	ND	mg/l	NC	20
Lead, TCLP	ND	ND	mg/l	NC	20
Selenium, TCLP	ND	ND	mg/l	NC	20
Silver, TCLP	ND	ND	mg/l	NC	20
TCLP Metals by EPA 1311 - Mansfield Lab Associated sample(s): 01,03,05,07,09 QC Batch ID: WG1827989-4 QC Sample: L2353480-01 Client ID: COMP_D3(0-7)					
Barium, TCLP	1.00	0.870	mg/l	14	20
TCLP Metals by EPA 1311 - Mansfield Lab Associated sample(s): 01,03,05,07,09 QC Batch ID: WG1827991-4 QC Sample: L2353480-01 Client ID: COMP_D3(0-7)					
Mercury, TCLP	ND	ND	mg/l	NC	20

INORGANICS & MISCELLANEOUS

Project Name: SUN VALLEY SITE
Project Number: 12060 / PHASE 8

Lab Number: L2353480
Report Date: 09/20/23

SAMPLE RESULTS

Lab ID: L2353480-01
Client ID: COMP_D3(0-7)
Sample Location: OSINING, NY

Date Collected: 09/13/23 09:50
Date Received: 09/13/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Test Material Information

Source of Material: Unknown
Description of Material: Non-Metallic - Damp Clay
Particle Size: Medium
Preliminary Burning Time (sec): 120

Parameter	Result	Date Analyzed	Analytical Method	Analyst
Ignitability of Solids - Westborough Lab				
Ignitability	NI	09/18/23 15:39	1,1030	GEF



Project Name: SUN VALLEY SITE
Project Number: 12060 / PHASE 8

Lab Number: L2353480
Report Date: 09/20/23

SAMPLE RESULTS

Lab ID: L2353480-03
Client ID: COMP_E3(0-6)
Sample Location: OSINING, NY

Date Collected: 09/13/23 11:30
Date Received: 09/13/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Test Material Information

Source of Material: Unknown
Description of Material: Non-Metallic - Wet Clay
Particle Size: Medium
Preliminary Burning Time (sec): 120

Parameter	Result	Date Analyzed	Analytical Method	Analyst
Ignitability of Solids - Westborough Lab				
Ignitability	NI	09/18/23 15:39	1,1030	GEF



Project Name: SUN VALLEY SITE
Project Number: 12060 / PHASE 8

Lab Number: L2353480
Report Date: 09/20/23

SAMPLE RESULTS

Lab ID: L2353480-05
Client ID: COMP_F3(0-10)
Sample Location: OSINING, NY

Date Collected: 09/13/23 13:00
Date Received: 09/13/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Test Material Information

Source of Material: Unknown
Description of Material: Non-Metallic - Damp Clay
Particle Size: Medium
Preliminary Burning Time (sec): 120

Parameter	Result	Date Analyzed	Analytical Method	Analyst
Ignitability of Solids - Westborough Lab				
Ignitability	NI	09/18/23 15:39	1,1030	GEF



Project Name: SUN VALLEY SITE
Project Number: 12060 / PHASE 8

Lab Number: L2353480
Report Date: 09/20/23

SAMPLE RESULTS

Lab ID: L2353480-07
Client ID: COMP_F2(0-7)
Sample Location: OSINING, NY

Date Collected: 09/13/23 14:45
Date Received: 09/13/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Test Material Information

Source of Material: Unknown
Description of Material: Non-Metallic - Damp Soil
Particle Size: Medium
Preliminary Burning Time (sec): 120

Parameter	Result	Date Analyzed	Analytical Method	Analyst
Ignitability of Solids - Westborough Lab				
Ignitability	NI	09/18/23 15:39	1,1030	GEF



Project Name: SUN VALLEY SITE
Project Number: 12060 / PHASE 8

Lab Number: L2353480
Report Date: 09/20/23

SAMPLE RESULTS

Lab ID: L2353480-09
Client ID: COMP_F2(7-15)
Sample Location: OSINING, NY

Date Collected: 09/13/23 15:45
Date Received: 09/13/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Test Material Information

Source of Material: Unknown
Description of Material: Non-Metallic - Damp Clay
Particle Size: Medium
Preliminary Burning Time (sec): 120

Parameter	Result	Date Analyzed	Analytical Method	Analyst
Ignitability of Solids - Westborough Lab				
Ignitability	NI	09/18/23 15:39	1,1030	GEF



Project Name: SUN VALLEY SITE
Project Number: 12060 / PHASE 8

Lab Number: L2353480
Report Date: 09/20/23

SAMPLE RESULTS

Lab ID: L2353480-01
Client ID: COMP_D3(0-7)
Sample Location: OSINING, NY

Date Collected: 09/13/23 09:50
Date Received: 09/13/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	84.5		%	0.100	NA	1	-	09/14/23 09:16	121,2540G	ROI
Cyanide, Total	ND		mg/kg	1.1	0.24	1	09/14/23 11:40	09/14/23 18:05	1,9010C/9012B	JER
pH (H)	8.64		SU	-	NA	1	-	09/18/23 10:45	1,9045D	RDS
Chromium, Hexavalent	0.462	J	mg/kg	0.947	0.189	1	09/17/23 09:00	09/19/23 13:10	1,7196A	DTH
Cyanide, Reactive	ND		mg/kg	10	10.	1	09/15/23 10:48	09/15/23 13:23	125,7.3	JLB
Sulfide, Reactive	ND		mg/kg	10	10.	1	09/15/23 10:48	09/15/23 12:10	125,7.3	JLB
Paint Filter Liquid	Negative		-	0	NA	1	-	09/14/23 17:08	1,9095B	AAS



Project Name: SUN VALLEY SITE**Project Number:** 12060 / PHASE 8**Lab Number:** L2353480**Report Date:** 09/20/23**SAMPLE RESULTS****Lab ID:** L2353480-02**Client ID:** GRAB_D3(5.5-6)**Sample Location:** OSINING, NY**Date Collected:** 09/13/23 09:50**Date Received:** 09/13/23**Field Prep:** Not Specified**Sample Depth:****Matrix:** Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	84.5		%	0.100	NA	1	-	09/14/23 09:16	121,2540G	ROI



Project Name: SUN VALLEY SITE
Project Number: 12060 / PHASE 8

Lab Number: L2353480
Report Date: 09/20/23

SAMPLE RESULTS

Lab ID: L2353480-03
Client ID: COMP_E3(0-6)
Sample Location: OSINING, NY

Date Collected: 09/13/23 11:30
Date Received: 09/13/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	90.8		%	0.100	NA	1	-	09/14/23 09:16	121,2540G	ROI
Cyanide, Total	ND		mg/kg	1.0	0.22	1	09/14/23 11:40	09/14/23 18:06	1,9010C/9012B	JER
pH (H)	8.57		SU	-	NA	1	-	09/18/23 10:45	1,9045D	RDS
Chromium, Hexavalent	ND		mg/kg	0.881	0.176	1	09/17/23 09:00	09/19/23 13:10	1,7196A	DTH
Cyanide, Reactive	ND		mg/kg	10	10.	1	09/15/23 10:48	09/15/23 13:23	125,7.3	JLB
Sulfide, Reactive	ND		mg/kg	10	10.	1	09/15/23 10:48	09/15/23 12:11	125,7.3	JLB
Paint Filter Liquid	Negative		-	0	NA	1	-	09/14/23 17:08	1,9095B	AAS



Project Name: SUN VALLEY SITE**Project Number:** 12060 / PHASE 8**Lab Number:** L2353480**Report Date:** 09/20/23**SAMPLE RESULTS****Lab ID:** L2353480-04**Client ID:** GRAB_E3(3.5-4)**Sample Location:** OSINING, NY**Date Collected:** 09/13/23 11:30**Date Received:** 09/13/23**Field Prep:** Not Specified**Sample Depth:****Matrix:** Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	90.8		%	0.100	NA	1	-	09/14/23 09:16	121,2540G	ROI



Project Name: SUN VALLEY SITE
Project Number: 12060 / PHASE 8

Lab Number: L2353480
Report Date: 09/20/23

SAMPLE RESULTS

Lab ID: L2353480-05
Client ID: COMP_F3(0-10)
Sample Location: OSINING, NY

Date Collected: 09/13/23 13:00
Date Received: 09/13/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	93.3		%	0.100	NA	1	-	09/14/23 09:16	121,2540G	ROI
Cyanide, Total	ND		mg/kg	1.0	0.22	1	09/14/23 11:40	09/14/23 18:10	1,9010C/9012B	JER
pH (H)	8.68		SU	-	NA	1	-	09/18/23 10:45	1,9045D	RDS
Chromium, Hexavalent	ND		mg/kg	0.857	0.171	1	09/17/23 09:00	09/19/23 13:10	1,7196A	DTH
Cyanide, Reactive	ND		mg/kg	10	10.	1	09/15/23 10:48	09/15/23 13:23	125,7.3	JLB
Sulfide, Reactive	ND		mg/kg	10	10.	1	09/15/23 10:48	09/15/23 12:11	125,7.3	JLB
Paint Filter Liquid	Negative		-	0	NA	1	-	09/14/23 17:08	1,9095B	AAS



Project Name: SUN VALLEY SITE**Project Number:** 12060 / PHASE 8**Lab Number:** L2353480**Report Date:** 09/20/23**SAMPLE RESULTS****Lab ID:** L2353480-06**Client ID:** GRAB_F3(4.5-5)**Sample Location:** OSINING, NY**Date Collected:** 09/13/23 13:00**Date Received:** 09/13/23**Field Prep:** Not Specified**Sample Depth:****Matrix:** Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	93.3		%	0.100	NA	1	-	09/14/23 09:16	121,2540G	ROI



Project Name: SUN VALLEY SITE
Project Number: 12060 / PHASE 8

Lab Number: L2353480
Report Date: 09/20/23

SAMPLE RESULTS

Lab ID: L2353480-07
Client ID: COMP_F2(0-7)
Sample Location: OSINING, NY

Date Collected: 09/13/23 14:45
Date Received: 09/13/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	93.2		%	0.100	NA	1	-	09/14/23 09:16	121,2540G	ROI
Cyanide, Total	ND		mg/kg	1.0	0.22	1	09/14/23 11:40	09/14/23 18:11	1,9010C/9012B	JER
pH (H)	8.75		SU	-	NA	1	-	09/18/23 10:45	1,9045D	RDS
Chromium, Hexavalent	0.182	J	mg/kg	0.858	0.172	1	09/17/23 09:00	09/19/23 13:10	1,7196A	DTH
Cyanide, Reactive	ND		mg/kg	10	10.	1	09/15/23 19:30	09/15/23 20:56	125,7.3	QJM
Sulfide, Reactive	ND		mg/kg	10	10.	1	09/15/23 19:30	09/15/23 21:14	125,7.3	QJM
Paint Filter Liquid	Negative		-	0	NA	1	-	09/14/23 17:08	1,9095B	AAS



Project Name: SUN VALLEY SITE**Project Number:** 12060 / PHASE 8**Lab Number:** L2353480**Report Date:** 09/20/23**SAMPLE RESULTS****Lab ID:** L2353480-08**Client ID:** GRAB_F2(4.5-5)**Sample Location:** OSINING, NY**Date Collected:** 09/13/23 14:45**Date Received:** 09/13/23**Field Prep:** Not Specified**Sample Depth:****Matrix:** Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	93.2		%	0.100	NA	1	-	09/14/23 09:16	121,2540G	ROI



Project Name: SUN VALLEY SITE
Project Number: 12060 / PHASE 8

Lab Number: L2353480
Report Date: 09/20/23

SAMPLE RESULTS

Lab ID: L2353480-09
Client ID: COMP_F2(7-15)
Sample Location: OSINING, NY

Date Collected: 09/13/23 15:45
Date Received: 09/13/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	93.3		%	0.100	NA	1	-	09/14/23 09:16	121,2540G	ROI
Cyanide, Total	ND		mg/kg	1.0	0.22	1	09/14/23 11:40	09/14/23 18:12	1,9010C/9012B	JER
pH (H)	8.65		SU	-	NA	1	-	09/18/23 10:45	1,9045D	RDS
Chromium, Hexavalent	0.246	J	mg/kg	0.857	0.171	1	09/17/23 09:00	09/19/23 13:10	1,7196A	DTH
Cyanide, Reactive	ND		mg/kg	10	10.	1	09/15/23 19:30	09/15/23 20:56	125,7.3	QJM
Sulfide, Reactive	ND		mg/kg	10	10.	1	09/15/23 19:30	09/15/23 21:14	125,7.3	QJM
Paint Filter Liquid	Negative		-	0	NA	1	-	09/14/23 17:08	1,9095B	AAS



Project Name: SUN VALLEY SITE**Project Number:** 12060 / PHASE 8**Lab Number:** L2353480**Report Date:** 09/20/23**SAMPLE RESULTS****Lab ID:** L2353480-10**Client ID:** GRAB_F2(10-10.5)**Sample Location:** OSINING, NY**Date Collected:** 09/13/23 15:45**Date Received:** 09/13/23**Field Prep:** Not Specified**Sample Depth:****Matrix:** Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	93.3		%	0.100	NA	1	-	09/14/23 09:16	121,2540G	ROI



Project Name: SUN VALLEY SITE
Project Number: 12060 / PHASE 8

Lab Number: L2353480
Report Date: 09/20/23

Method Blank Analysis
Batch Quality Control

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab for sample(s): 01,03,05,07,09 Batch: WG1827407-1										
Cyanide, Total	ND		mg/kg	0.90	0.19	1	09/14/23 11:40	09/14/23 17:46	1,9010C/9012B	JER
General Chemistry - Westborough Lab for sample(s): 01,03,05 Batch: WG1827851-1										
Cyanide, Reactive	ND		mg/kg	10	10.	1	09/15/23 10:48	09/15/23 13:00	125,7.3	JLB
General Chemistry - Westborough Lab for sample(s): 01,03,05 Batch: WG1827859-1										
Sulfide, Reactive	ND		mg/kg	10	10.	1	09/15/23 10:48	09/15/23 12:09	125,7.3	JLB
General Chemistry - Westborough Lab for sample(s): 07,09 Batch: WG1828098-1										
Sulfide, Reactive	ND		mg/kg	10	10.	1	09/15/23 19:30	09/15/23 21:13	125,7.3	QJM
General Chemistry - Westborough Lab for sample(s): 07,09 Batch: WG1828099-1										
Cyanide, Reactive	ND		mg/kg	10	10.	1	09/15/23 19:30	09/15/23 20:55	125,7.3	QJM
General Chemistry - Westborough Lab for sample(s): 01,03,05,07,09 Batch: WG1828416-1										
Chromium, Hexavalent	ND		mg/kg	0.800	0.160	1	09/17/23 09:00	09/19/23 13:10	1,7196A	DTH

Lab Control Sample Analysis

Batch Quality Control

Project Name: SUN VALLEY SITE
Project Number: 12060 / PHASE 8

Lab Number: L2353480
Report Date: 09/20/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01,03,05,07,09 Batch: WG1827407-2 WG1827407-3								
Cyanide, Total	147	Q	110		80-120	26		35
General Chemistry - Westborough Lab Associated sample(s): 01,03,05 Batch: WG1827851-2								
Cyanide, Reactive	79		-		30-125	-		40
General Chemistry - Westborough Lab Associated sample(s): 01,03,05 Batch: WG1827859-2								
Sulfide, Reactive	97		-		60-125	-		40
General Chemistry - Westborough Lab Associated sample(s): 07,09 Batch: WG1828098-2								
Sulfide, Reactive	74		-		60-125	-		40
General Chemistry - Westborough Lab Associated sample(s): 07,09 Batch: WG1828099-2								
Cyanide, Reactive	70		-		30-125	-		40
General Chemistry - Westborough Lab Associated sample(s): 01,03,05,07,09 Batch: WG1828416-2								
Chromium, Hexavalent	84		-		80-120	-		20
General Chemistry - Westborough Lab Associated sample(s): 01,03,05,07,09 Batch: WG1828643-1								
pH	100		-		99-101	-		

Matrix Spike Analysis

Batch Quality Control

Project Name: SUN VALLEY SITE
Project Number: 12060 / PHASE 8

Lab Number: L2353480
Report Date: 09/20/23

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01,03,05,07,09 QC Batch ID: WG1827407-4 WG1827407-5 QC Sample: L2353482-01 Client ID: MS Sample												
Cyanide, Total	ND	10	16	150	Q	20	190	Q	75-125	22		35
General Chemistry - Westborough Lab Associated sample(s): 01,03,05,07,09 QC Batch ID: WG1828416-4 QC Sample: L2353480-05 Client ID: COMP_F3(0-10)												
Chromium, Hexavalent	ND	934	916	98		-	-		75-125	-		20

Lab Duplicate Analysis *Batch Quality Control*

Project Name: SUN VALLEY SITE
Project Number: 12060 / PHASE 8

Lab Number: L2353480
Report Date: 09/20/23

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01-10 QC Batch ID: WG1827340-1 QC Sample: L2353469-04 Client ID: DUP Sample						
Solids, Total	84.3	87.4	%	4		20
General Chemistry - Westborough Lab Associated sample(s): 01,03,05 QC Batch ID: WG1827851-3 QC Sample: L2353564-03 Client ID: DUP Sample						
Cyanide, Reactive	ND	ND	mg/kg	NC		40
General Chemistry - Westborough Lab Associated sample(s): 01,03,05 QC Batch ID: WG1827859-3 QC Sample: L2353564-03 Client ID: DUP Sample						
Sulfide, Reactive	ND	ND	mg/kg	NC		40
General Chemistry - Westborough Lab Associated sample(s): 07,09 QC Batch ID: WG1828098-3 QC Sample: L2353480-07 Client ID: COMP_F2(0-7)						
Sulfide, Reactive	ND	ND	mg/kg	NC		40
General Chemistry - Westborough Lab Associated sample(s): 07,09 QC Batch ID: WG1828099-3 QC Sample: L2353480-07 Client ID: COMP_F2(0-7)						
Cyanide, Reactive	ND	ND	mg/kg	NC		40
General Chemistry - Westborough Lab Associated sample(s): 01,03,05,07,09 QC Batch ID: WG1828416-6 QC Sample: L2353480-05 Client ID: COMP_F3(0-10)						
Chromium, Hexavalent	ND	ND	mg/kg	NC		20
General Chemistry - Westborough Lab Associated sample(s): 01,03,05,07,09 QC Batch ID: WG1828643-2 QC Sample: L2353955-01 Client ID: DUP Sample						
pH	9.12	8.97	SU	2		5

Project Name: SUN VALLEY SITE
Project Number: 12060 / PHASE 8

Serial_No: 09202314:17
Lab Number: L2353480
Report Date: 09/20/23

Sample Receipt and Container Information

Were project specific reporting limits specified? YES

Cooler Information

Cooler	Custody Seal
A	Absent
B	Absent

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2353480-01A	Plastic 2oz unpreserved for TS	A	NA		3.9	Y	Absent		TS(7)
L2353480-01B	Metals Only-Glass 60mL/2oz unpreserved	A	NA		3.9	Y	Absent		BE-Ti(180),AS-Ti(180),BA-Ti(180),AG-Ti(180),TL-Ti(180),AL-Ti(180),CR-Ti(180),NI-Ti(180),SB-Ti(180),CU-Ti(180),ZN-Ti(180),PB-Ti(180),SE-Ti(180),V-Ti(180),CO-Ti(180),FE-Ti(180),HG-T(28),MG-Ti(180),MN-Ti(180),NA-Ti(180),CA-Ti(180),K-Ti(180),CD-Ti(180)
L2353480-01C	Glass 120ml/4oz unpreserved	A	NA		3.9	Y	Absent		TCN-9010(14),NYTCL-8270(14),NJEPH-TPH-CAT2(14),IGNIT-1030(14),REACTS(14),HERB-APA(14),PH-9045(1),NYTCL-8081(14),PAINTF(),NYTCL-8082(365),REACTCN(14),HEXCR-7196(30)
L2353480-01D	Glass 500ml/16oz unpreserved	A	NA		3.9	Y	Absent		TCN-9010(14),NYTCL-8270(14),NJEPH-TPH-CAT2(14),IGNIT-1030(14),REACTS(14),HERB-APA(14),PH-9045(1),NYTCL-8081(14),PAINTF(),NYTCL-8082(365),REACTCN(14),HEXCR-7196(30)
L2353480-01E	Glass 500ml/16oz unpreserved	A	NA		3.9	Y	Absent		TCN-9010(14),NYTCL-8270(14),NJEPH-TPH-CAT2(14),IGNIT-1030(14),REACTS(14),HERB-APA(14),PH-9045(1),NYTCL-8081(14),PAINTF(),NYTCL-8082(365),REACTCN(14),HEXCR-7196(30)
L2353480-01X	Plastic 120ml HNO3 preserved Extracts	A	NA		3.9	Y	Absent		CD-CI(180),AS-CI(180),BA-CI(180),HG-C(28),PB-CI(180),CR-CI(180),SE-CI(180),AG-CI(180)
L2353480-01X9	Tumble Vessel	A	NA		3.9	Y	Absent		-
L2353480-02A	5 gram Encore Sampler	A	NA		3.9	Y	Absent		NYTCL-8260HLW(14)
L2353480-02B	5 gram Encore Sampler	A	NA		3.9	Y	Absent		NYTCL-8260HLW(14)
L2353480-02C	5 gram Encore Sampler	A	NA		3.9	Y	Absent		NYTCL-8260HLW(14)
L2353480-02X	Vial MeOH preserved split	A	NA		3.9	Y	Absent		NYTCL-8260HLW(14)
L2353480-02Y	Vial Water preserved split	A	NA		3.9	Y	Absent	14-SEP-23 14:31	NYTCL-8260HLW(14)
L2353480-02Z	Vial Water preserved split	A	NA		3.9	Y	Absent	14-SEP-23 14:31	NYTCL-8260HLW(14)

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Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2353480-03A	Plastic 2oz unpreserved for TS	B	NA		3.7	Y	Absent		TS(7)
L2353480-03B	Metals Only-Glass 60mL/2oz unpreserved	B	NA		3.7	Y	Absent		BE-Ti(180),BA-Ti(180),AS-Ti(180),AG-Ti(180),CR-Ti(180),TL-Ti(180),AL-Ti(180),NI-Ti(180),PB-Ti(180),SB-Ti(180),ZN-Ti(180),CU-Ti(180),SE-Ti(180),V-Ti(180),CO-Ti(180),MG-Ti(180),MN-Ti(180),HG-T(28),FE-Ti(180),CA-Ti(180),NA-Ti(180),CD-Ti(180),K-Ti(180)
L2353480-03C	Glass 120ml/4oz unpreserved	B	NA		3.7	Y	Absent		REACTS(14),IGNIT-1030(14),NYTCL-8270(14),NJEPH-TPH-CAT2(14),TCN-9010(14),HERB-APA(14),PH-9045(1),NYTCL-8081(14),PAINTF(),REACTCN(14),NYTCL-8082(365),HEXCR-7196(30)
L2353480-03D	Glass 500ml/16oz unpreserved	B	NA		3.7	Y	Absent		REACTS(14),IGNIT-1030(14),NYTCL-8270(14),NJEPH-TPH-CAT2(14),TCN-9010(14),HERB-APA(14),PH-9045(1),NYTCL-8081(14),PAINTF(),REACTCN(14),NYTCL-8082(365),HEXCR-7196(30)
L2353480-03E	Glass 500ml/16oz unpreserved	B	NA		3.7	Y	Absent		REACTS(14),IGNIT-1030(14),NYTCL-8270(14),NJEPH-TPH-CAT2(14),TCN-9010(14),HERB-APA(14),PH-9045(1),NYTCL-8081(14),PAINTF(),REACTCN(14),NYTCL-8082(365),HEXCR-7196(30)
L2353480-03X	Plastic 120ml HNO3 preserved Extracts	B	NA		3.7	Y	Absent		CD-CI(180),AS-CI(180),BA-CI(180),HG-C(28),PB-CI(180),SE-CI(180),CR-CI(180),AG-CI(180)
L2353480-03X9	Tumble Vessel	B	NA		3.7	Y	Absent		-
L2353480-04A	5 gram Encore Sampler	B	NA		3.7	Y	Absent		NYTCL-8260HLW(14)
L2353480-04B	5 gram Encore Sampler	B	NA		3.7	Y	Absent		NYTCL-8260HLW(14)
L2353480-04C	5 gram Encore Sampler	B	NA		3.7	Y	Absent		NYTCL-8260HLW(14)
L2353480-04X	Vial MeOH preserved split	B	NA		3.7	Y	Absent		NYTCL-8260HLW(14)
L2353480-04Y	Vial Water preserved split	B	NA		3.7	Y	Absent	14-SEP-23 14:31	NYTCL-8260HLW(14)
L2353480-04Z	Vial Water preserved split	B	NA		3.7	Y	Absent	14-SEP-23 14:31	NYTCL-8260HLW(14)
L2353480-05A	Plastic 2oz unpreserved for TS	B	NA		3.7	Y	Absent		TS(7)
L2353480-05B	Metals Only-Glass 60mL/2oz unpreserved	B	NA		3.7	Y	Absent		BE-Ti(180),AS-Ti(180),BA-Ti(180),AG-Ti(180),TL-Ti(180),NI-Ti(180),AL-Ti(180),CR-Ti(180),PB-Ti(180),CU-Ti(180),SB-Ti(180),ZN-Ti(180),SE-Ti(180),V-Ti(180),CO-Ti(180),HG-T(28),MN-Ti(180),FE-Ti(180),MG-Ti(180),K-Ti(180),CA-Ti(180),CD-Ti(180),NA-Ti(180)

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Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2353480-05C	Glass 120ml/4oz unpreserved	B	NA		3.7	Y	Absent		TCN-9010(14),REACTS(14),NYTCL-8270(14),IGNIT-1030(14),NJEPH-TPH-CAT2(14),HERB-APA(14),PH-9045(1),NYTCL-8081(14),PAINTF(),NYTCL-8082(365),REACTCN(14),HEXCR-7196(30)
L2353480-05D	Glass 500ml/16oz unpreserved	B	NA		3.7	Y	Absent		TCN-9010(14),REACTS(14),NYTCL-8270(14),IGNIT-1030(14),NJEPH-TPH-CAT2(14),HERB-APA(14),PH-9045(1),NYTCL-8081(14),PAINTF(),NYTCL-8082(365),REACTCN(14),HEXCR-7196(30)
L2353480-05E	Glass 500ml/16oz unpreserved	B	NA		3.7	Y	Absent		TCN-9010(14),REACTS(14),NYTCL-8270(14),IGNIT-1030(14),NJEPH-TPH-CAT2(14),HERB-APA(14),PH-9045(1),NYTCL-8081(14),PAINTF(),NYTCL-8082(365),REACTCN(14),HEXCR-7196(30)
L2353480-05X	Plastic 120ml HNO3 preserved Extracts	B	NA		3.7	Y	Absent		CD-CI(180),BA-CI(180),AS-CI(180),HG-C(28),PB-CI(180),SE-CI(180),CR-CI(180),AG-CI(180)
L2353480-05X9	Tumble Vessel	B	NA		3.7	Y	Absent		-
L2353480-06A	5 gram Encore Sampler	B	NA		3.7	Y	Absent		NYTCL-8260HLW(14)
L2353480-06B	5 gram Encore Sampler	B	NA		3.7	Y	Absent		NYTCL-8260HLW(14)
L2353480-06C	5 gram Encore Sampler	B	NA		3.7	Y	Absent		NYTCL-8260HLW(14)
L2353480-06X	Vial MeOH preserved split	B	NA		3.7	Y	Absent		NYTCL-8260HLW(14)
L2353480-06Y	Vial Water preserved split	B	NA		3.7	Y	Absent	14-SEP-23 14:31	NYTCL-8260HLW(14)
L2353480-06Z	Vial Water preserved split	B	NA		3.7	Y	Absent	14-SEP-23 14:31	NYTCL-8260HLW(14)
L2353480-07A	Plastic 2oz unpreserved for TS	A	NA		3.9	Y	Absent		TS(7)
L2353480-07B	Metals Only-Glass 60mL/2oz unpreserved	A	NA		3.9	Y	Absent		BE-TI(180),BA-TI(180),AS-TI(180),AG-TI(180),AL-TI(180),CR-TI(180),TL-TI(180),NI-TI(180),PB-TI(180),SB-TI(180),SE-TI(180),CU-TI(180),ZN-TI(180),V-TI(180),CO-TI(180),FE-TI(180),HG-T(28),MG-TI(180),MN-TI(180),CD-TI(180),NA-TI(180),CA-TI(180),K-TI(180)
L2353480-07C	Glass 120ml/4oz unpreserved	A	NA		3.9	Y	Absent		IGNIT-1030(14),NJEPH-TPH-CAT2(14),NYTCL-8270(14),REACTS(14),TCN-9010(14),HERB-APA(14),PH-9045(1),PAINTF(),NYTCL-8081(14),REACTCN(14),NYTCL-8082(365),HEXCR-7196(30)

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Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2353480-07D	Glass 500ml/16oz unpreserved	A	NA		3.9	Y	Absent		IGNIT-1030(14),NJEPH-TPH-CAT2(14),NYTCL-8270(14),REACTS(14),TCN-9010(14),HERB-APA(14),PH-9045(1),PAINTF(),NYTCL-8081(14),REACTCN(14),NYTCL-8082(365),HEXCR-7196(30)
L2353480-07E	Glass 500ml/16oz unpreserved	A	NA		3.9	Y	Absent		IGNIT-1030(14),NJEPH-TPH-CAT2(14),NYTCL-8270(14),REACTS(14),TCN-9010(14),HERB-APA(14),PH-9045(1),PAINTF(),NYTCL-8081(14),REACTCN(14),NYTCL-8082(365),HEXCR-7196(30)
L2353480-07X	Plastic 120ml HNO3 preserved Extracts	A	NA		3.9	Y	Absent		CD-CI(180),BA-CI(180),AS-CI(180),HG-C(28),PB-CI(180),CR-CI(180),SE-CI(180),AG-CI(180)
L2353480-07X9	Tumble Vessel	A	NA		3.9	Y	Absent		-
L2353480-08A	5 gram Encore Sampler	A	NA		3.9	Y	Absent		NYTCL-8260HLW(14)
L2353480-08B	5 gram Encore Sampler	A	NA		3.9	Y	Absent		NYTCL-8260HLW(14)
L2353480-08C	5 gram Encore Sampler	A	NA		3.9	Y	Absent		NYTCL-8260HLW(14)
L2353480-08X	Vial MeOH preserved split	A	NA		3.9	Y	Absent		NYTCL-8260HLW(14)
L2353480-08Y	Vial Water preserved split	A	NA		3.9	Y	Absent	14-SEP-23 14:31	NYTCL-8260HLW(14)
L2353480-08Z	Vial Water preserved split	A	NA		3.9	Y	Absent	14-SEP-23 14:31	NYTCL-8260HLW(14)
L2353480-09A	Plastic 2oz unpreserved for TS	A	NA		3.9	Y	Absent		TS(7)
L2353480-09B	Metals Only-Glass 60mL/2oz unpreserved	A	NA		3.9	Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),NI-TI(180),CR-TI(180),AL-TI(180),TL-TI(180),PB-TI(180),SE-TI(180),SB-TI(180),CU-TI(180),ZN-TI(180),CO-TI(180),V-TI(180),MN-TI(180),HG-T(28),MG-TI(180),FE-TI(180),NA-TI(180),CD-TI(180),CA-TI(180),K-TI(180)
L2353480-09C	Glass 120ml/4oz unpreserved	A	NA		3.9	Y	Absent		REACTS(14),NJEPH-TPH-CAT2(14),TCN-9010(14),IGNIT-1030(14),NYTCL-8270(14),HERB-APA(14),PH-9045(1),NYTCL-8081(14),PAINTF(),NYTCL-8082(365),REACTCN(14),HEXCR-7196(30)
L2353480-09D	Glass 500ml/16oz unpreserved	A	NA		3.9	Y	Absent		REACTS(14),NJEPH-TPH-CAT2(14),TCN-9010(14),IGNIT-1030(14),NYTCL-8270(14),HERB-APA(14),PH-9045(1),NYTCL-8081(14),PAINTF(),NYTCL-8082(365),REACTCN(14),HEXCR-7196(30)

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Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2353480-09E	Glass 500ml/16oz unpreserved	A	NA		3.9	Y	Absent		REACTS(14),NJEPH-TPH-CAT2(14),TCN-9010(14),IGNIT-1030(14),NYTCL-8270(14),HERB-APA(14),PH-9045(1),NYTCL-8081(14),PAINTF(),NYTCL-8082(365),REACTCN(14),HEXCR-7196(30)
L2353480-09X	Plastic 120ml HNO3 preserved Extracts	A	NA		3.9	Y	Absent		CD-CI(180),BA-CI(180),AS-CI(180),HG-C(28),PB-CI(180),CR-CI(180),SE-CI(180),AG-CI(180)
L2353480-09X9	Tumble Vessel	A	NA		3.9	Y	Absent		-
L2353480-10A	5 gram Encore Sampler	A	NA		3.9	Y	Absent		NYTCL-8260HLW(14)
L2353480-10B	5 gram Encore Sampler	A	NA		3.9	Y	Absent		NYTCL-8260HLW(14)
L2353480-10C	5 gram Encore Sampler	A	NA		3.9	Y	Absent		NYTCL-8260HLW(14)
L2353480-10X	Vial MeOH preserved split	A	NA		3.9	Y	Absent		NYTCL-8260HLW(14)
L2353480-10Y	Vial Water preserved split	A	NA		3.9	Y	Absent	14-SEP-23 14:31	NYTCL-8260HLW(14)
L2353480-10Z	Vial Water preserved split	A	NA		3.9	Y	Absent	14-SEP-23 14:31	NYTCL-8260HLW(14)

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GLOSSARY

Acronyms

DL	- Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the limit of quantitation (LOQ). The DL includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
EDL	- Estimated Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The EDL includes any adjustments from dilutions, concentrations or moisture content, where applicable. The use of EDLs is specific to the analysis of PAHs using Solid-Phase Microextraction (SPME).
EMPC	- Estimated Maximum Possible Concentration: The concentration that results from the signal present at the retention time of an analyte when the ions meet all of the identification criteria except the ion abundance ratio criteria. An EMPC is a worst-case estimate of the concentration.
EPA	- Environmental Protection Agency.
LCS	- Laboratory Control Sample: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.
LCSD	- Laboratory Control Sample Duplicate: Refer to LCS.
LFB	- Laboratory Fortified Blank: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.
LOD	- Limit of Detection: This value represents the level to which a target analyte can reliably be detected for a specific analyte in a specific matrix by a specific method. The LOD includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
LOQ	- Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.) Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
MDL	- Method Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The MDL includes any adjustments from dilutions, concentrations or moisture content, where applicable.
MS	- Matrix Spike Sample: A sample prepared by adding a known mass of target analyte to a specified amount of matrix sample for which an independent estimate of target analyte concentration is available. For Method 332.0, the spike recovery is calculated using the native concentration, including estimated values.
MSD	- Matrix Spike Sample Duplicate: Refer to MS.
NA	- Not Applicable.
NC	- Not Calculated: Term is utilized when one or more of the results utilized in the calculation are non-detect at the parameter's reporting unit.
NDPA/DPA	- N-Nitrosodiphenylamine/Diphenylamine.
NI	- Not Ignitable.
NP	- Non-Plastic: Term is utilized for the analysis of Atterberg Limits in soil.
NR	- No Results: Term is utilized when 'No Target Compounds Requested' is reported for the analysis of Volatile or Semivolatile Organic TIC only requests.
RL	- Reporting Limit: The value at which an instrument can accurately measure an analyte at a specific concentration. The RL includes any adjustments from dilutions, concentrations or moisture content, where applicable.
RPD	- Relative Percent Difference: The results from matrix and/or matrix spike duplicates are primarily designed to assess the precision of analytical results in a given matrix and are expressed as relative percent difference (RPD). Values which are less than five times the reporting limit for any individual parameter are evaluated by utilizing the absolute difference between the values; although the RPD value will be provided in the report.
SRM	- Standard Reference Material: A reference sample of a known or certified value that is of the same or similar matrix as the associated field samples.
STLP	- Semi-dynamic Tank Leaching Procedure per EPA Method 1315.
TEF	- Toxic Equivalency Factors: The values assigned to each dioxin and furan to evaluate their toxicity relative to 2,3,7,8-TCDD.
TEQ	- Toxic Equivalent: The measure of a sample's toxicity derived by multiplying each dioxin and furan by its corresponding TEF and then summing the resulting values.
TIC	- Tentatively Identified Compound: A compound that has been identified to be present and is not part of the target compound list (TCL) for the method and/or program. All TICs are qualitatively identified and reported as estimated concentrations.

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Footnotes

- 1 - The reference for this analyte should be considered modified since this analyte is absent from the target analyte list of the original method.

Terms

Analytical Method: Both the document from which the method originates and the analytical reference method. (Example: EPA 8260B is shown as 1,8260B.) The codes for the reference method documents are provided in the References section of the Addendum.

Chlordane: The target compound Chlordane (CAS No. 57-74-9) is reported for GC ECD analyses. Per EPA, this compound "refers to a mixture of chlordane isomers, other chlorinated hydrocarbons and numerous other components." (Reference: USEPA Toxicological Review of Chlordane, In Support of Summary Information on the Integrated Risk Information System (IRIS), December 1997.)

Difference: With respect to Total Oxidizable Precursor (TOP) Assay analysis, the difference is defined as the Post-Treatment value minus the Pre-Treatment value.

Final pH: As it pertains to Sample Receipt & Container Information section of the report, Final pH reflects pH of container determined after adjustment at the laboratory, if applicable. If no adjustment required, value reflects Initial pH.

Frozen Date/Time: With respect to Volatile Organics in soil, Frozen Date/Time reflects the date/time at which associated Reagent Water-preserved vials were initially frozen. Note: If frozen date/time is beyond 48 hours from sample collection, value will be reflected in 'bold'.

Gasoline Range Organics (GRO): Gasoline Range Organics (GRO) results include all chromatographic peaks eluting from Methyl tert butyl ether through Naphthalene, with the exception of GRO analysis in support of State of Ohio programs, which includes all chromatographic peaks eluting from Hexane through Dodecane.

Initial pH: As it pertains to Sample Receipt & Container Information section of the report, Initial pH reflects pH of container determined upon receipt, if applicable.

PAH Total: With respect to Alkylated PAH analyses, the 'PAHs, Total' result is defined as the summation of results for all or a subset of the following compounds: Naphthalene, C1-C4 Naphthalenes, 2-Methylnaphthalene, 1-Methylnaphthalene, Biphenyl, Acenaphthylene, Acenaphthene, Fluorene, C1-C3 Fluorenes, Phenanthrene, C1-C4 Phenanthrenes/Anthracenes, Anthracene, Fluoranthene, Pyrene, C1-C4 Fluoranthenes/Pyrenes, Benz(a)anthracene, Chrysene, C1-C4 Chrysenes, Benzo(b)fluoranthene, Benzo(j)+(k)fluoranthene, Benzo(e)pyrene, Benzo(a)pyrene, Perylene, Indeno(1,2,3-cd)pyrene, Dibenz(ah)+(ac)anthracene, Benzo(g,h,i)perylene. If a 'Total' result is requested, the results of its individual components will also be reported.

PFAS Total: With respect to PFAS analyses, the 'PFAS, Total (5)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA and PFOS. In addition, the 'PFAS, Total (6)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA, PFDA and PFOS. For MassDEP DW compliance analysis only, the 'PFAS, Total (6)' result is defined as the summation of results at or above the RL. Note: If a 'Total' result is requested, the results of its individual components will also be reported.

Total: With respect to Organic analyses, a 'Total' result is defined as the summation of results for individual isomers or Aroclors. If a 'Total' result is requested, the results of its individual components will also be reported. This is applicable to 'Total' results for methods 8260, 8081 and 8082.

Data Qualifiers

- A** - Spectra identified as "Aldol Condensates" are byproducts of the extraction/concentration procedures when acetone is introduced in the process.
- B** - The analyte was detected above the reporting limit in the associated method blank. Flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For MCP-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For DOD-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank AND the analyte was detected above one-half the reporting limit (or above the reporting limit for common lab contaminants) in the associated method blank. For NJ-Air-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte above the reporting limit. For NJ-related projects (excluding Air), flag only applies to associated field samples that have detectable concentrations of the analyte, which was detected above the reporting limit in the associated method blank or above five times the reporting limit for common lab contaminants (Phthalates, Acetone, Methylene Chloride, 2-Butanone).
- C** - Co-elution: The target analyte co-elutes with a known lab standard (i.e. surrogate, internal standards, etc.) for co-extracted analyses.
- D** - Concentration of analyte was quantified from diluted analysis. Flag only applies to field samples that have detectable concentrations of the analyte.
- E** - Concentration of analyte exceeds the range of the calibration curve and/or linear range of the instrument.
- F** - The ratio of quantifier ion response to qualifier ion response falls outside of the laboratory criteria. Results are considered to be an estimated maximum concentration.
- G** - The concentration may be biased high due to matrix interferences (i.e. co-elution) with non-target compound(s). The result should be considered estimated.
- H** - The analysis of pH was performed beyond the regulatory-required holding time of 15 minutes from the time of sample collection.
- I** - The lower value for the two columns has been reported due to obvious interference.
- J** - Estimated value. The Target analyte concentration is below the quantitation limit (RL), but above the Method Detection Limit (MDL) or Estimated Detection Limit (EDL) for SPME-related analyses. This represents an estimated concentration for Tentatively

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Data Qualifiers

Identified Compounds (TICs). For calculated parameters, this represents that one or more values used in the calculation were estimated.

- M** - Reporting Limit (RL) exceeds the MCP CAM Reporting Limit for this analyte.
- ND** - Not detected at the method detection limit (MDL) for the sample, or estimated detection limit (EDL) for SPME-related analyses.
- NJ** - Presumptive evidence of compound. This represents an estimated concentration for Tentatively Identified Compounds (TICs), where the identification is based on a mass spectral library search.
- P** - The RPD between the results for the two columns exceeds the method-specified criteria.
- Q** - The quality control sample exceeds the associated acceptance criteria. For DOD-related projects, LCS and/or Continuing Calibration Standard exceedences are also qualified on all associated sample results. Note: This flag is not applicable for matrix spike recoveries when the sample concentration is greater than 4x the spike added or for batch duplicate RPD when the sample concentrations are less than 5x the RL. (Metals only.)
- R** - Analytical results are from sample re-analysis.
- RE** - Analytical results are from sample re-extraction.
- S** - Analytical results are from modified screening analysis.
- V** - The surrogate associated with this target analyte has a recovery outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)
- Z** - The batch matrix spike and/or duplicate associated with this target analyte has a recovery/RPD outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)

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REFERENCES

- 1 Test Methods for Evaluating Solid Waste: Physical/Chemical Methods. EPA SW-846. Third Edition. Updates I - VI, 2018.
- 103 Analysis of Extractable Petroleum Hydrocarbon Compounds (EPH) in Aqueous and Soil/Sediment/Sludge Matrices. New Jersey Department of Environmental Protection, Site Remediation Program, (Version 1.1), Document # NJDEP EPH 10/08, Revision 3, August 2010.
- 121 Standard Methods for the Examination of Water and Wastewater. APHA-AWWA-WEF. Standard Methods Online.
- 125 Test Methods for Evaluating Solid Waste: Physical/Chemical Methods. EPA SW-846. Third Edition. Updates IIIA, April 1998.

LIMITATION OF LIABILITIES

Alpha Analytical performs services with reasonable care and diligence normal to the analytical testing laboratory industry. In the event of an error, the sole and exclusive responsibility of Alpha Analytical shall be to re-perform the work at it's own expense. In no event shall Alpha Analytical be held liable for any incidental, consequential or special damages, including but not limited to, damages in any way connected with the use of, interpretation of, information or analysis provided by Alpha Analytical.

We strongly urge our clients to comply with EPA protocol regarding sample volume, preservation, cooling, containers, sampling procedures, holding time and splitting of samples in the field.



Alpha Analytical, Inc.Facility: **Company-wide**Department: **Quality Assurance**Title: **Certificate/Approval Program Summary**ID No.: **17873**

Revision 20

Published Date: 6/16/2023 4:52:28 PM

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Certification Information**The following analytes are not included in our Primary NELAP Scope of Accreditation:****Westborough Facility****EPA 624.1:** m/p-xylene, o-xylene, Naphthalene**EPA 625.1:** alpha-Terpineol**EPA 8260D:** NPW: 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene, Azobenzene; SCM: Iodomethane (methyl iodide), 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene.**EPA 8270E:** NPW: Dimethylnaphthalene, 1,4-Diphenylhydrazine, alpha-Terpineol; SCM: Dimethylnaphthalene, 1,4-Diphenylhydrazine.**SM4500:** NPW: Amenable Cyanide; SCM: Total Phosphorus, TKN, NO₂, NO₃.**Mansfield Facility****SM 2540D:** TSS.**EPA TO-15:** Halothane, 2,4,4-Trimethyl-2-pentene, 2,4,4-Trimethyl-1-pentene, Thiophene, 2-Methylthiophene,

3-Methylthiophene, 2-Ethylthiophene, 1,2,3-Trimethylbenzene, Indan, Indene, 1,2,4,5-Tetramethylbenzene, Benzothiophene, 1-Methylnaphthalene.

Biological Tissue Matrix: EPA 3050B**The following analytes are included in our Massachusetts DEP Scope of Accreditation****Westborough Facility:****Drinking Water****EPA 300.0:** Chloride, Nitrate-N, Fluoride, Sulfate; **EPA 353.2:** Nitrate-N, Nitrite-N; **SM4500NO3-F:** Nitrate-N, Nitrite-N; **SM4500F-C, SM4500CN-CE,****EPA 180.1, SM2130B, SM4500Cl-D, SM2320B, SM2540C, SM4500H-B, SM4500NO2-B****EPA 524.2:** THMs and VOCs; **EPA 504.1:** EDB, DBCP.**Microbiology:** **SM9215B; SM9223-P/A, SM9223B-Colilert-QT, SM9222D.****Non-Potable Water****SM4500H,B, EPA 120.1, SM2510B, SM2540C, SM2320B, SM4500CL-E, SM4500F-BC, SM4500NH3-BH:** Ammonia-N and Kjeldahl-N, **EPA 350.1:**Ammonia-N, **LACHAT 10-107-06-1-B:** Ammonia-N, **EPA 351.1, SM4500NO3-F, EPA 353.2:** Nitrate-N, **SM4500P-E, SM4500P-B, E, SM4500SO4-E,****SM5220D, EPA 410.4, SM5210B, SM5310C, SM4500CL-D, EPA 1664, EPA 420.1, SM4500-CN-CE, SM2540D, EPA 300:** Chloride, Sulfate, Nitrate.**EPA 624.1:** Volatile Halocarbons & Aromatics,**EPA 608.3:** Chlordane, Toxaphene, Aldrin, alpha-BHC, beta-BHC, gamma-BHC, delta-BHC, Dieldrin, DDD, DDE, DDT, Endosulfan I, Endosulfan II, Endosulfan sulfate, Endrin, Endrin Aldehyde, Heptachlor, Heptachlor Epoxide, PCBs**EPA 625.1:** SVOC (Acid/Base/Neutral Extractables).**Microbiology:** **SM9223B-Colilert-QT; Enterolert-QT, SM9221E, EPA 1600, EPA 1603, SM9222D.****Mansfield Facility:****Drinking Water****EPA 200.7:** Al, Ba, Cd, Cr, Cu, Fe, Mn, Ni, Na, Ag, Ca, Zn. **EPA 200.8:** Al, Sb, As, Ba, Be, Cd, Cr, Cu, Pb, Mn, Ni, Se, Ag, TL, Zn. **EPA 245.1 Hg.****EPA 522, EPA 537.1.****Non-Potable Water****EPA 200.7:** Al, Sb, As, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Mo, Ni, K, Se, Ag, Na, Sr, TL, Ti, V, Zn.**EPA 200.8:** Al, Sb, As, Be, Cd, Cr, Cu, Fe, Pb, Mn, Ni, K, Se, Ag, Na, TL, Zn.**EPA 245.1 Hg.****SM2340B**

For a complete listing of analytes and methods, please contact your Alpha Project Manager.

 NEW YORK CHAIN OF CUSTODY		Service Centers Mahwah, NJ 07430: 35 Whitney Rd, Suite 5 Albany, NY 12205: 14 Walker Way Tonawanda, NY 14150: 275 Cooper Ave, Suite 105		Page 1 of 1		Date Rec'd in Lab 9/14/23		ALPHA Job # L2353480	
Westborough, MA 01581 8 Walkup Dr. TEL: 508-898-9220 FAX: 508-898-9193		Mansfield, MA 02048 320 Forbes Blvd TEL: 508-822-9300 FAX: 508-822-3288		Project Information Project Name: Sun Valley Site Project Location: Ossining, NY Project # 12060 / Phase 8 (Use Project name as Project #) ☐		Deliverables ☐ ASP-A ☒ ASP-B ☐ EQUIS (1 File) ☒ EQUIS (4 File) ☐ Other		Billing Information ☒ Same as Client Info PO #	
Client Information Client: SEI CONSULTING ENG. Address: 959 Rt 46 Ossining, NY Phone: 913 848 9050 Fax: Email: Monica.Natko@sei.com		Project Manager: James Vanda Vinski ALPHAQuote #: Turn-Around Time Standard ☒ Rush (only if pre approved) ☐ Due Date: # of Days:		Regulatory Requirement ☐ NY TOGS ☐ NY Part 375 ☐ AWQ Standards ☐ NY CP-51 ☒ NY Restricted Use ☐ Other ☒ NY Unrestricted Use ☐ NYC Sewer Discharge		Disposal Site Information Please identify below location of applicable disposal facilities. Disposal Facility: ☐ NJ ☐ NY ☐ Other:			
These samples have been previously analyzed by Alpha ☐				ANALYSIS				Sample Filtration ☐ Done ☐ Lab to do ☐ Lab to do (Please Specify below)	
Other project specific requirements/comments: Please use TS for grab samples analysis from composite samples indicated under "comments"				Please specify Metals or TAL				Total Bottles	
ALPHA Lab ID (Lab Use Only)		Sample ID		Collection Date Time		Sample Matrix		Sampler's Initials	
53480-01		COMP-D3(0-7)		9/13/23 950		SO		KL	
02		GRAB-D3(5.5-6)		950+30					
03		COMP-E3(0-6)		1130 1300					
04		GRAB-E3(3.5-4)		1430					
05		COMP-F3(0-10)		1300					
06		GRAB-F3(4.5-5)		1300					
07		COMP-F2(0-7)		1445					
08		GRAB-F2(4.5-5)		1445					
09		COMP-F2(7-15)		1545					
10		GRAB-F2(10-10.5)		1545					
Preservative Code: A = None B = HCl C = HNO ₃ D = H ₂ SO ₄ E = NaOH F = MeOH G = NaHSO ₄ H = Na ₂ S ₂ O ₃ K/E = Zn Ac/NaOH O = Other		Container Code: P = Plastic A = Amber Glass V = Vial G = Glass B = Bacteria Cup C = Cube O = Other E = Encore D = BOD Bottle		Westboro: Certification No: MA935 Mansfield: Certification No: MA015		Container Type ELP P/A		Preservative	
Relinquished By: Anthony Green		Date/Time 9/13/23 @ 1045 9/13/23 2040 9/14/23 0110 9/14/23 0310		Received By: Anthony Green		Date/Time 9/13/23 1910 SEP 13 2023 2040 9/14/23 0110 9/14/23 0310		Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. BY EXECUTING THIS COC, THE CLIENT HAS READ AND AGREES TO BE BOUND BY ALPHA'S TERMS & CONDITIONS. (See reverse side.)	



ANALYTICAL REPORT

Lab Number:	L2353853
Client:	Soils Engineering Services, Inc. 959 Route 46E Parsippany, NJ 07054
ATTN:	James Vander Vliet
Phone:	(973) 808-9050
Project Name:	SUN VALLEY SITE
Project Number:	12060 / PHASE 8
Report Date:	09/21/23

The original project report/data package is held by Alpha Analytical. This report/data package is paginated and should be reproduced only in its entirety. Alpha Analytical holds no responsibility for results and/or data that are not consistent with the original.

Certifications & Approvals: MA (M-MA086), NH NELAP (2064), CT (PH-0826), IL (200077), IN (C-MA-03), KY (KY98045), ME (MA00086), MD (348), NJ (MA935), NY (11148), NC (25700/666), OH (CL108), OR (MA-1316), PA (68-03671), RI (LAO00065), TX (T104704476), VT (VT-0935), VA (460195), USDA (Permit #525-23-122-91930).

Eight Walkup Drive, Westborough, MA 01581-1019
508-898-9220 (Fax) 508-898-9193 800-624-9220 - www.alphalab.com



Project Name: SUN VALLEY SITE
Project Number: 12060 / PHASE 8

Lab Number: L2353853
Report Date: 09/21/23

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L2353853-01	COMP_D1(0-7)	SOIL	OSSINING, NY	09/14/23 09:50	09/14/23
L2353853-02	GRAB_D1(6.5-7)	SOIL	OSSINING, NY	09/14/23 09:50	09/14/23
L2353853-03	COMP_C2(0-7)	SOIL	OSSINING, NY	09/14/23 12:45	09/14/23
L2353853-04	GRAB_C2(3-3.5)	SOIL	OSSINING, NY	09/14/23 12:45	09/14/23
L2353853-05	COMP_D1(7-15)	SOIL	OSSINING, NY	09/14/23 09:55	09/14/23
L2353853-06	GRAB_D1(10.5-11)	SOIL	OSSINING, NY	09/14/23 09:55	09/14/23
L2353853-07	COMP_C2(7-17)	SOIL	OSSINING, NY	09/14/23 12:55	09/14/23
L2353853-08	GRAB_C2(12.5-13)	SOIL	OSSINING, NY	09/14/23 12:55	09/14/23
L2353853-09	COMP_D2(0-7)	SOIL	OSSINING, NY	09/14/23 14:45	09/14/23
L2353853-10	GRAB_D2(7.5-8)	SOIL	OSSINING, NY	09/14/23 14:45	09/14/23
L2353853-11	COMP_D2(7-17)	SOIL	OSSINING, NY	09/14/23 14:55	09/14/23
L2353853-12	GRAB_D2(2.5-3)	SOIL	OSSINING, NY	09/14/23 14:45	09/14/23

Project Name: SUN VALLEY SITE
Project Number: 12060 / PHASE 8

Lab Number: L2353853
Report Date: 09/21/23

Case Narrative

The samples were received in accordance with the Chain of Custody and no significant deviations were encountered during the preparation or analysis unless otherwise noted. Sample Receipt, Container Information, and the Chain of Custody are located at the back of the report.

Results contained within this report relate only to the samples submitted under this Alpha Lab Number and meet NELAP requirements for all NELAP accredited parameters unless otherwise noted in the following narrative. The data presented in this report is organized by parameter (i.e. VOC, SVOC, etc.). Sample specific Quality Control data (i.e. Surrogate Spike Recovery) is reported at the end of the target analyte list for each individual sample, followed by the Laboratory Batch Quality Control at the end of each parameter. Tentatively Identified Compounds (TICs), if requested, are reported for compounds identified to be present and are not part of the method/program Target Compound List, even if only a subset of the TCL are being reported. If a sample was re-analyzed or re-extracted due to a required quality control corrective action and if both sets of data are reported, the Laboratory ID of the re-analysis or re-extraction is designated with an "R" or "RE", respectively.

When multiple Batch Quality Control elements are reported (e.g. more than one LCS), the associated samples for each element are noted in the grey shaded header line of each data table. Any Laboratory Batch, Sample Specific % recovery or RPD value that is outside the listed Acceptance Criteria is bolded in the report. In reference to questions H (CAM) or 4 (RCP) when "NO" is checked, the performance criteria for CAM and RCP methods allow for some quality control failures to occur and still be within method compliance. In these instances, the specific failure is not narrated but noted in the associated QC Outlier Summary Report, located directly after the Case Narrative. QC information is also incorporated in the Data Usability Assessment table (Format 11) of our Data Merger tool, where it can be reviewed in conjunction with the sample result, associated regulatory criteria and any associated data usability implications.

Soil/sediments, solids and tissues are reported on a dry weight basis unless otherwise noted. Definitions of all data qualifiers and acronyms used in this report are provided in the Glossary located at the back of the report.

HOLD POLICY - For samples submitted on hold, Alpha's policy is to hold samples (with the exception of Air canisters) free of charge for 21 calendar days from the date the project is completed. After 21 calendar days, we will dispose of all samples submitted including those put on hold unless you have contacted your Alpha Project Manager and made arrangements for Alpha to continue to hold the samples. Air canisters will be disposed after 3 business days from the date the project is completed.

Please contact Project Management at 800-624-9220 with any questions.

Project Name: SUN VALLEY SITE
Project Number: 12060 / PHASE 8

Lab Number: L2353853
Report Date: 09/21/23

Case Narrative (continued)

Report Submission

All non-detect (ND) or estimated concentrations (J-qualified) have been quantitated to the limit noted in the MDL column.

Sample Receipt

L2353853-02, -04, -06, -08, -10, and -12: The grab samples submitted for Volatile Organics were received without raw soil for the Total Solids analysis. At the client's request, the Total Solids results from the corresponding composite samples were utilized in the dry weight calculation of the Volatile Organics data.

L2353853-10: The collection date and time on the chain of custody was 14-SEP-23 14:45; however, the collection date/time on the container label was 14-SEP-23 14:50. At the client's request, the collection date/time is reported as 14-SEP-23 14:45.

L2353853-11: The sample identified as "COMP_D2(7-17)" on the chain of custody was identified as "COMP_D2(7-12)" on the container label. At the client's request, the sample is reported as "COMP_D2(7-17)".

L2353853-11: The collection date and time on the chain of custody was 14-SEP-23 14:55; however, the collection date/time on the container label was 14-SEP-23 14:40. At the client's request, the collection date/time is reported as 14-SEP-23 14:55.

L2353853-12: The sample identified as "GRAB_D2(2.5-3)" on the chain of custody was identified as "GRAB_D2(7.5-8)" on the container label. At the client's request, the sample is reported as "GRAB_D2(2.5-3)".

Volatile Organics

L2353853-02: The sample was analyzed as a High Level Methanol based upon screen results. The sample was then analyzed as a Low Level in order to achieve lower reporting limits. The results of both analyses are reported. Differences were noted between the results of the analyses which have been attributed to vial discrepancies.

Total Metals

Project Name: SUN VALLEY SITE
Project Number: 12060 / PHASE 8

Lab Number: L2353853
Report Date: 09/21/23

Case Narrative (continued)

L2353853-01, -03, -05, -07, -09, and -11: The sample has elevated detection limits for all elements, with the exception of mercury, due to the dilution required by the sample matrix.

Cyanide, Total

The WG1828216-2/-3 LCS/LCSD recoveries for cyanide, total (150%/134%), associated with L2353853-01, -03, and -05, are outside our in-house acceptance criteria, but within the vendor-certified acceptance limits.

The results of the original analyses are reported.

The WG1828806-2/-3 LCS/LCSD recoveries, associated with L2353853-07, -09, and -11, are above the acceptance criteria for cyanide, total (153%/122%); however, the associated samples are non-detect to the RL for this target analyte. The results of the original analysis are reported.

I, the undersigned, attest under the pains and penalties of perjury that, to the best of my knowledge and belief and based upon my personal inquiry of those responsible for providing the information contained in this analytical report, such information is accurate and complete. This certificate of analysis is not complete unless this page accompanies any and all pages of this report.

Authorized Signature:

 Kelly Stenstrom

Title: Technical Director/Representative

Date: 09/21/23

ORGANICS

VOLATILES

Project Name: SUN VALLEY SITE
Project Number: 12060 / PHASE 8

Lab Number: L2353853
Report Date: 09/21/23

SAMPLE RESULTS

Lab ID: L2353853-02
Client ID: GRAB_D1(6.5-7)
Sample Location: OSSINING, NY

Date Collected: 09/14/23 09:50
Date Received: 09/14/23
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 09/18/23 13:13
Analyst: JIC
Percent Solids: 91%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 High - Westborough Lab						
Methylene chloride	ND		ug/kg	250	110	1
1,1-Dichloroethane	ND		ug/kg	50	7.2	1
Chloroform	ND		ug/kg	75	7.0	1
Carbon tetrachloride	ND		ug/kg	50	11.	1
1,2-Dichloropropane	ND		ug/kg	50	6.2	1
Dibromochloromethane	ND		ug/kg	50	7.0	1
1,1,2-Trichloroethane	ND		ug/kg	50	13.	1
Tetrachloroethene	ND		ug/kg	25	9.8	1
Chlorobenzene	ND		ug/kg	25	6.3	1
Trichlorofluoromethane	ND		ug/kg	200	35.	1
1,2-Dichloroethane	ND		ug/kg	50	13.	1
1,1,1-Trichloroethane	ND		ug/kg	25	8.3	1
Bromodichloromethane	ND		ug/kg	25	5.4	1
trans-1,3-Dichloropropene	ND		ug/kg	50	14.	1
cis-1,3-Dichloropropene	ND		ug/kg	25	7.9	1
1,3-Dichloropropene, Total	ND		ug/kg	25	7.9	1
1,1-Dichloropropene	ND		ug/kg	25	7.9	1
Bromoform	ND		ug/kg	200	12.	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	25	8.3	1
Benzene	ND		ug/kg	25	8.3	1
Toluene	ND		ug/kg	50	27.	1
Ethylbenzene	290		ug/kg	50	7.0	1
Chloromethane	ND		ug/kg	200	46.	1
Bromomethane	ND		ug/kg	100	29.	1
Vinyl chloride	ND		ug/kg	50	17.	1
Chloroethane	ND		ug/kg	100	22.	1
1,1-Dichloroethene	ND		ug/kg	50	12.	1
trans-1,2-Dichloroethene	ND		ug/kg	75	6.8	1

Project Name: SUN VALLEY SITE

Lab Number: L2353853

Project Number: 12060 / PHASE 8

Report Date: 09/21/23

SAMPLE RESULTS

Lab ID: L2353853-02
 Client ID: GRAB_D1(6.5-7)
 Sample Location: OSSINING, NY

Date Collected: 09/14/23 09:50
 Date Received: 09/14/23
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 High - Westborough Lab						
Trichloroethene	ND		ug/kg	25	6.8	1
1,2-Dichlorobenzene	ND		ug/kg	100	7.2	1
1,3-Dichlorobenzene	ND		ug/kg	100	7.4	1
1,4-Dichlorobenzene	ND		ug/kg	100	8.5	1
Methyl tert butyl ether	ND		ug/kg	100	10.	1
p/m-Xylene	93	J	ug/kg	100	28.	1
o-Xylene	17	J	ug/kg	50	14.	1
Xylenes, Total	110	J	ug/kg	50	14.	1
cis-1,2-Dichloroethene	ND		ug/kg	50	8.7	1
1,2-Dichloroethene, Total	ND		ug/kg	50	6.8	1
Dibromomethane	ND		ug/kg	100	12.	1
Styrene	ND		ug/kg	50	9.8	1
Dichlorodifluoromethane	ND		ug/kg	500	46.	1
Acetone	ND		ug/kg	500	240	1
Carbon disulfide	ND		ug/kg	500	230	1
2-Butanone	ND		ug/kg	500	110	1
Vinyl acetate	ND		ug/kg	500	110	1
4-Methyl-2-pentanone	ND		ug/kg	500	64.	1
1,2,3-Trichloropropane	ND		ug/kg	100	6.3	1
2-Hexanone	ND		ug/kg	500	59.	1
Bromochloromethane	ND		ug/kg	100	10.	1
2,2-Dichloropropane	ND		ug/kg	100	10.	1
1,2-Dibromoethane	ND		ug/kg	50	14.	1
1,3-Dichloropropane	ND		ug/kg	100	8.3	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	25	6.6	1
Bromobenzene	ND		ug/kg	100	7.2	1
n-Butylbenzene	730		ug/kg	50	8.3	1
sec-Butylbenzene	380		ug/kg	50	7.3	1
tert-Butylbenzene	6.1	J	ug/kg	100	5.9	1
o-Chlorotoluene	ND		ug/kg	100	9.5	1
p-Chlorotoluene	ND		ug/kg	100	5.4	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	150	50.	1
Hexachlorobutadiene	ND		ug/kg	200	8.4	1
Isopropylbenzene	280		ug/kg	50	5.4	1
p-Isopropyltoluene	81		ug/kg	50	5.4	1
Naphthalene	380		ug/kg	200	32.	1
Acrylonitrile	ND		ug/kg	200	57.	1

Project Name: SUN VALLEY SITE

Lab Number: L2353853

Project Number: 12060 / PHASE 8

Report Date: 09/21/23

SAMPLE RESULTS

Lab ID: L2353853-02
 Client ID: GRAB_D1(6.5-7)
 Sample Location: OSSINING, NY

Date Collected: 09/14/23 09:50
 Date Received: 09/14/23
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 High - Westborough Lab						
n-Propylbenzene	890		ug/kg	50	8.5	1
1,2,3-Trichlorobenzene	ND		ug/kg	100	16.	1
1,2,4-Trichlorobenzene	ND		ug/kg	100	14.	1
1,3,5-Trimethylbenzene	110		ug/kg	100	9.6	1
1,2,4-Trimethylbenzene	260		ug/kg	100	17.	1
1,4-Dioxane	ND		ug/kg	4000	1700	1
p-Diethylbenzene	790		ug/kg	100	8.8	1
p-Ethyltoluene	210		ug/kg	100	19.	1
1,2,4,5-Tetramethylbenzene	1300		ug/kg	100	9.5	1
Ethyl ether	ND		ug/kg	100	17.	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	250	71.	1

Tentatively Identified Compounds

Total TIC Compounds	43800	J	ug/kg			1
Unknown Benzene	2840	J	ug/kg			1
Unknown Benzene	1360	J	ug/kg			1
Hexane, 2,4-dimethyl-	1890	NJ	ug/kg			1
Unknown Alkane	1720	J	ug/kg			1
Unknown Benzene	1680	J	ug/kg			1
Unknown Benzene	1850	J	ug/kg			1
Pentane, 2,3,3-trimethyl-	6770	NJ	ug/kg			1
Unknown	1700	J	ug/kg			1
Unknown Alkane	4860	J	ug/kg			1
Unknown Aromatic	2110	J	ug/kg			1
Heptane, 3-methyl-	3260	NJ	ug/kg			1
Hexane, 2,5-dimethyl-	1760	NJ	ug/kg			1
Unknown	1510	J	ug/kg			1
Pentane, 2,3,4-trimethyl-	5120	NJ	ug/kg			1
Unknown Alkane	5360	J	ug/kg			1

Project Name: SUN VALLEY SITE
Project Number: 12060 / PHASE 8

Lab Number: L2353853
Report Date: 09/21/23

SAMPLE RESULTS

Lab ID: L2353853-02
Client ID: GRAB_D1(6.5-7)
Sample Location: OSSINING, NY

Date Collected: 09/14/23 09:50
Date Received: 09/14/23
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 High - Westborough Lab						

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	99		70-130
Toluene-d8	95		70-130
4-Bromofluorobenzene	93		70-130
Dibromofluoromethane	95		70-130

Project Name: SUN VALLEY SITE
Project Number: 12060 / PHASE 8

Lab Number: L2353853
Report Date: 09/21/23

SAMPLE RESULTS

Lab ID: L2353853-02
Client ID: GRAB_D1(6.5-7)
Sample Location: OSSINING, NY

Date Collected: 09/14/23 09:50
Date Received: 09/14/23
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 09/19/23 16:36
Analyst: LAC
Percent Solids: 91%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	4.3	2.0	1
1,1-Dichloroethane	ND		ug/kg	0.86	0.12	1
Chloroform	ND		ug/kg	1.3	0.12	1
Carbon tetrachloride	ND		ug/kg	0.86	0.20	1
1,2-Dichloropropane	ND		ug/kg	0.86	0.11	1
Dibromochloromethane	ND		ug/kg	0.86	0.12	1
1,1,2-Trichloroethane	ND		ug/kg	0.86	0.23	1
Tetrachloroethene	ND		ug/kg	0.43	0.17	1
Chlorobenzene	ND		ug/kg	0.43	0.11	1
Trichlorofluoromethane	ND		ug/kg	3.4	0.60	1
1,2-Dichloroethane	ND		ug/kg	0.86	0.22	1
1,1,1-Trichloroethane	ND		ug/kg	0.43	0.14	1
Bromodichloromethane	ND		ug/kg	0.43	0.09	1
trans-1,3-Dichloropropene	ND		ug/kg	0.86	0.23	1
cis-1,3-Dichloropropene	ND		ug/kg	0.43	0.14	1
1,3-Dichloropropene, Total	ND		ug/kg	0.43	0.14	1
1,1-Dichloropropene	ND		ug/kg	0.43	0.14	1
Bromoform	ND		ug/kg	3.4	0.21	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.43	0.14	1
Benzene	0.46		ug/kg	0.43	0.14	1
Toluene	ND		ug/kg	0.86	0.46	1
Ethylbenzene	64		ug/kg	0.86	0.12	1
Chloromethane	ND		ug/kg	3.4	0.80	1
Bromomethane	ND		ug/kg	1.7	0.50	1
Vinyl chloride	ND		ug/kg	0.86	0.29	1
Chloroethane	ND		ug/kg	1.7	0.39	1
1,1-Dichloroethene	ND		ug/kg	0.86	0.20	1
trans-1,2-Dichloroethene	ND		ug/kg	1.3	0.12	1

Project Name: SUN VALLEY SITE

Lab Number: L2353853

Project Number: 12060 / PHASE 8

Report Date: 09/21/23

SAMPLE RESULTS

Lab ID: L2353853-02
 Client ID: GRAB_D1(6.5-7)
 Sample Location: OSSINING, NY

Date Collected: 09/14/23 09:50
 Date Received: 09/14/23
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Trichloroethene	ND		ug/kg	0.43	0.12	1
1,2-Dichlorobenzene	ND		ug/kg	1.7	0.12	1
1,3-Dichlorobenzene	ND		ug/kg	1.7	0.13	1
1,4-Dichlorobenzene	ND		ug/kg	1.7	0.15	1
Methyl tert butyl ether	ND		ug/kg	1.7	0.17	1
p/m-Xylene	7.9		ug/kg	1.7	0.48	1
o-Xylene	1.1		ug/kg	0.86	0.25	1
Xylenes, Total	9.0		ug/kg	0.86	0.25	1
cis-1,2-Dichloroethene	ND		ug/kg	0.86	0.15	1
1,2-Dichloroethene, Total	ND		ug/kg	0.86	0.12	1
Dibromomethane	ND		ug/kg	1.7	0.20	1
Styrene	ND		ug/kg	0.86	0.17	1
Dichlorodifluoromethane	ND		ug/kg	8.6	0.78	1
Acetone	24		ug/kg	8.6	4.1	1
Carbon disulfide	ND		ug/kg	8.6	3.9	1
2-Butanone	ND		ug/kg	8.6	1.9	1
Vinyl acetate	ND		ug/kg	8.6	1.8	1
4-Methyl-2-pentanone	ND		ug/kg	8.6	1.1	1
1,2,3-Trichloropropane	ND		ug/kg	1.7	0.11	1
2-Hexanone	ND		ug/kg	8.6	1.0	1
Bromochloromethane	ND		ug/kg	1.7	0.18	1
2,2-Dichloropropane	ND		ug/kg	1.7	0.17	1
1,2-Dibromoethane	ND		ug/kg	0.86	0.24	1
1,3-Dichloropropane	ND		ug/kg	1.7	0.14	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.43	0.11	1
Bromobenzene	ND		ug/kg	1.7	0.12	1
n-Butylbenzene	36		ug/kg	0.86	0.14	1
sec-Butylbenzene	23		ug/kg	0.86	0.12	1
tert-Butylbenzene	0.41	J	ug/kg	1.7	0.10	1
o-Chlorotoluene	ND		ug/kg	1.7	0.16	1
p-Chlorotoluene	ND		ug/kg	1.7	0.09	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	2.6	0.86	1
Hexachlorobutadiene	ND		ug/kg	3.4	0.14	1
Isopropylbenzene	35		ug/kg	0.86	0.09	1
p-Isopropyltoluene	2.6		ug/kg	0.86	0.09	1
Naphthalene	40		ug/kg	3.4	0.56	1
Acrylonitrile	ND		ug/kg	3.4	0.99	1

Project Name: SUN VALLEY SITE
Project Number: 12060 / PHASE 8

Lab Number: L2353853
Report Date: 09/21/23

SAMPLE RESULTS

Lab ID: L2353853-02
Client ID: GRAB_D1(6.5-7)
Sample Location: OSSINING, NY

Date Collected: 09/14/23 09:50
Date Received: 09/14/23
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
n-Propylbenzene	96		ug/kg	0.86	0.15	1
1,2,3-Trichlorobenzene	ND		ug/kg	1.7	0.28	1
1,2,4-Trichlorobenzene	ND		ug/kg	1.7	0.23	1
1,3,5-Trimethylbenzene	4.9		ug/kg	1.7	0.16	1
1,2,4-Trimethylbenzene	12		ug/kg	1.7	0.29	1
1,4-Dioxane	ND		ug/kg	69	30.	1
p-Diethylbenzene	20		ug/kg	1.7	0.15	1
p-Ethyltoluene	10		ug/kg	1.7	0.33	1
1,2,4,5-Tetramethylbenzene	68		ug/kg	1.7	0.16	1
Ethyl ether	ND		ug/kg	1.7	0.29	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	4.3	1.2	1

Tentatively Identified Compounds

Total TIC Compounds	2160	J	ug/kg			1
Unknown Alkane	348	J	ug/kg			1
Unknown	60.1	J	ug/kg			1
Unknown Alkane	61.9	J	ug/kg			1
Heptane, 3-methyl-	99.8	NJ	ug/kg			1
Octane, 3-methyl-	78.4	NJ	ug/kg			1
Unknown Aromatic	143	J	ug/kg			1
Unknown Benzene	159	J	ug/kg			1
Unknown Alkane	170	J	ug/kg			1
Unknown Aromatic	71.0	J	ug/kg			1
Unknown Benzene	203	J	ug/kg			1
Unknown Alkane	64.4	J	ug/kg			1
Unknown Alkane	130	J	ug/kg			1
Unknown Alkane	269	J	ug/kg			1
Unknown Benzene	71.5	J	ug/kg			1
Pentane, 2,3,4-trimethyl-	234	NJ	ug/kg			1

Project Name: SUN VALLEY SITE
Project Number: 12060 / PHASE 8

Lab Number: L2353853
Report Date: 09/21/23

SAMPLE RESULTS

Lab ID: L2353853-02
Client ID: GRAB_D1(6.5-7)
Sample Location: OSSINING, NY

Date Collected: 09/14/23 09:50
Date Received: 09/14/23
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	92		70-130
Toluene-d8	99		70-130
4-Bromofluorobenzene	109		70-130
Dibromofluoromethane	88		70-130

Project Name: SUN VALLEY SITE
Project Number: 12060 / PHASE 8

Lab Number: L2353853
Report Date: 09/21/23

SAMPLE RESULTS

Lab ID: L2353853-04
Client ID: GRAB_C2(3-3.5)
Sample Location: OSSINING, NY

Date Collected: 09/14/23 12:45
Date Received: 09/14/23
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 09/19/23 14:16
Analyst: LAC
Percent Solids: 89%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	5.0	2.3	1
1,1-Dichloroethane	ND		ug/kg	1.0	0.15	1
Chloroform	ND		ug/kg	1.5	0.14	1
Carbon tetrachloride	ND		ug/kg	1.0	0.23	1
1,2-Dichloropropane	ND		ug/kg	1.0	0.13	1
Dibromochloromethane	ND		ug/kg	1.0	0.14	1
1,1,2-Trichloroethane	ND		ug/kg	1.0	0.27	1
Tetrachloroethene	ND		ug/kg	0.50	0.20	1
Chlorobenzene	ND		ug/kg	0.50	0.13	1
Trichlorofluoromethane	ND		ug/kg	4.0	0.70	1
1,2-Dichloroethane	ND		ug/kg	1.0	0.26	1
1,1,1-Trichloroethane	ND		ug/kg	0.50	0.17	1
Bromodichloromethane	ND		ug/kg	0.50	0.11	1
trans-1,3-Dichloropropene	ND		ug/kg	1.0	0.28	1
cis-1,3-Dichloropropene	ND		ug/kg	0.50	0.16	1
1,3-Dichloropropene, Total	ND		ug/kg	0.50	0.16	1
1,1-Dichloropropene	ND		ug/kg	0.50	0.16	1
Bromoform	ND		ug/kg	4.0	0.25	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.50	0.17	1
Benzene	ND		ug/kg	0.50	0.17	1
Toluene	ND		ug/kg	1.0	0.55	1
Ethylbenzene	0.70	J	ug/kg	1.0	0.14	1
Chloromethane	ND		ug/kg	4.0	0.94	1
Bromomethane	ND		ug/kg	2.0	0.59	1
Vinyl chloride	ND		ug/kg	1.0	0.34	1
Chloroethane	ND		ug/kg	2.0	0.46	1
1,1-Dichloroethene	ND		ug/kg	1.0	0.24	1
trans-1,2-Dichloroethene	ND		ug/kg	1.5	0.14	1

Project Name: SUN VALLEY SITE

Lab Number: L2353853

Project Number: 12060 / PHASE 8

Report Date: 09/21/23

SAMPLE RESULTS

Lab ID: L2353853-04
 Client ID: GRAB_C2(3-3.5)
 Sample Location: OSSINING, NY

Date Collected: 09/14/23 12:45
 Date Received: 09/14/23
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Trichloroethene	ND		ug/kg	0.50	0.14	1
1,2-Dichlorobenzene	ND		ug/kg	2.0	0.14	1
1,3-Dichlorobenzene	ND		ug/kg	2.0	0.15	1
1,4-Dichlorobenzene	ND		ug/kg	2.0	0.17	1
Methyl tert butyl ether	ND		ug/kg	2.0	0.20	1
p/m-Xylene	1.1	J	ug/kg	2.0	0.57	1
o-Xylene	0.83	J	ug/kg	1.0	0.29	1
Xylenes, Total	1.9	J	ug/kg	1.0	0.29	1
cis-1,2-Dichloroethene	ND		ug/kg	1.0	0.18	1
1,2-Dichloroethene, Total	ND		ug/kg	1.0	0.14	1
Dibromomethane	ND		ug/kg	2.0	0.24	1
Styrene	ND		ug/kg	1.0	0.20	1
Dichlorodifluoromethane	ND		ug/kg	10	0.92	1
Acetone	ND		ug/kg	10	4.9	1
Carbon disulfide	ND		ug/kg	10	4.6	1
2-Butanone	ND		ug/kg	10	2.2	1
Vinyl acetate	ND		ug/kg	10	2.2	1
4-Methyl-2-pentanone	ND		ug/kg	10	1.3	1
1,2,3-Trichloropropane	ND		ug/kg	2.0	0.13	1
2-Hexanone	ND		ug/kg	10	1.2	1
Bromochloromethane	ND		ug/kg	2.0	0.21	1
2,2-Dichloropropane	ND		ug/kg	2.0	0.20	1
1,2-Dibromoethane	ND		ug/kg	1.0	0.28	1
1,3-Dichloropropane	ND		ug/kg	2.0	0.17	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.50	0.13	1
Bromobenzene	ND		ug/kg	2.0	0.15	1
n-Butylbenzene	ND		ug/kg	1.0	0.17	1
sec-Butylbenzene	ND		ug/kg	1.0	0.15	1
tert-Butylbenzene	ND		ug/kg	2.0	0.12	1
o-Chlorotoluene	ND		ug/kg	2.0	0.19	1
p-Chlorotoluene	ND		ug/kg	2.0	0.11	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.0	1.0	1
Hexachlorobutadiene	ND		ug/kg	4.0	0.17	1
Isopropylbenzene	0.12	J	ug/kg	1.0	0.11	1
p-Isopropyltoluene	ND		ug/kg	1.0	0.11	1
Naphthalene	ND		ug/kg	4.0	0.66	1
Acrylonitrile	ND		ug/kg	4.0	1.2	1

Project Name: SUN VALLEY SITE
Project Number: 12060 / PHASE 8

Lab Number: L2353853
Report Date: 09/21/23

SAMPLE RESULTS

Lab ID: L2353853-04
Client ID: GRAB_C2(3-3.5)
Sample Location: OSSINING, NY

Date Collected: 09/14/23 12:45
Date Received: 09/14/23
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
n-Propylbenzene	0.29	J	ug/kg	1.0	0.17	1
1,2,3-Trichlorobenzene	ND		ug/kg	2.0	0.32	1
1,2,4-Trichlorobenzene	ND		ug/kg	2.0	0.28	1
1,3,5-Trimethylbenzene	0.48	J	ug/kg	2.0	0.20	1
1,2,4-Trimethylbenzene	1.4	J	ug/kg	2.0	0.34	1
1,4-Dioxane	ND		ug/kg	81	35.	1
p-Diethylbenzene	0.64	J	ug/kg	2.0	0.18	1
p-Ethyltoluene	0.98	J	ug/kg	2.0	0.39	1
1,2,4,5-Tetramethylbenzene	0.32	J	ug/kg	2.0	0.19	1
Ethyl ether	ND		ug/kg	2.0	0.34	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	5.0	1.4	1

Tentatively Identified Compounds

No Tentatively Identified Compounds ND ug/kg 1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	113		70-130
Toluene-d8	102		70-130
4-Bromofluorobenzene	92		70-130
Dibromofluoromethane	103		70-130

Project Name: SUN VALLEY SITE**Lab Number:** L2353853**Project Number:** 12060 / PHASE 8**Report Date:** 09/21/23**SAMPLE RESULTS**

Lab ID: L2353853-06
 Client ID: GRAB_D1(10.5-11)
 Sample Location: OSSINING, NY

Date Collected: 09/14/23 09:55
 Date Received: 09/14/23
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Analytical Method: 1,8260D

Analytical Date: 09/18/23 13:55

Analyst: JIC

Percent Solids: 93%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	5.2	2.4	1
1,1-Dichloroethane	ND		ug/kg	1.0	0.15	1
Chloroform	ND		ug/kg	1.5	0.14	1
Carbon tetrachloride	ND		ug/kg	1.0	0.24	1
1,2-Dichloropropane	ND		ug/kg	1.0	0.13	1
Dibromochloromethane	ND		ug/kg	1.0	0.14	1
1,1,2-Trichloroethane	ND		ug/kg	1.0	0.28	1
Tetrachloroethene	ND		ug/kg	0.52	0.20	1
Chlorobenzene	ND		ug/kg	0.52	0.13	1
Trichlorofluoromethane	ND		ug/kg	4.1	0.72	1
1,2-Dichloroethane	ND		ug/kg	1.0	0.26	1
1,1,1-Trichloroethane	ND		ug/kg	0.52	0.17	1
Bromodichloromethane	ND		ug/kg	0.52	0.11	1
trans-1,3-Dichloropropene	ND		ug/kg	1.0	0.28	1
cis-1,3-Dichloropropene	ND		ug/kg	0.52	0.16	1
1,3-Dichloropropene, Total	ND		ug/kg	0.52	0.16	1
1,1-Dichloropropene	ND		ug/kg	0.52	0.16	1
Bromoform	ND		ug/kg	4.1	0.25	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.52	0.17	1
Benzene	ND		ug/kg	0.52	0.17	1
Toluene	ND		ug/kg	1.0	0.56	1
Ethylbenzene	ND		ug/kg	1.0	0.14	1
Chloromethane	ND		ug/kg	4.1	0.96	1
Bromomethane	ND		ug/kg	2.1	0.60	1
Vinyl chloride	ND		ug/kg	1.0	0.34	1
Chloroethane	ND		ug/kg	2.1	0.47	1
1,1-Dichloroethene	ND		ug/kg	1.0	0.24	1
trans-1,2-Dichloroethene	ND		ug/kg	1.5	0.14	1

Project Name: SUN VALLEY SITE**Lab Number:** L2353853**Project Number:** 12060 / PHASE 8**Report Date:** 09/21/23**SAMPLE RESULTS**

Lab ID: L2353853-06
 Client ID: GRAB_D1(10.5-11)
 Sample Location: OSSINING, NY

Date Collected: 09/14/23 09:55
 Date Received: 09/14/23
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Trichloroethene	ND		ug/kg	0.52	0.14	1
1,2-Dichlorobenzene	ND		ug/kg	2.1	0.15	1
1,3-Dichlorobenzene	ND		ug/kg	2.1	0.15	1
1,4-Dichlorobenzene	ND		ug/kg	2.1	0.18	1
Methyl tert butyl ether	ND		ug/kg	2.1	0.21	1
p/m-Xylene	ND		ug/kg	2.1	0.58	1
o-Xylene	ND		ug/kg	1.0	0.30	1
Xylenes, Total	ND		ug/kg	1.0	0.30	1
cis-1,2-Dichloroethene	ND		ug/kg	1.0	0.18	1
1,2-Dichloroethene, Total	ND		ug/kg	1.0	0.14	1
Dibromomethane	ND		ug/kg	2.1	0.24	1
Styrene	ND		ug/kg	1.0	0.20	1
Dichlorodifluoromethane	ND		ug/kg	10	0.94	1
Acetone	ND		ug/kg	10	5.0	1
Carbon disulfide	ND		ug/kg	10	4.7	1
2-Butanone	ND		ug/kg	10	2.3	1
Vinyl acetate	ND		ug/kg	10	2.2	1
4-Methyl-2-pentanone	ND		ug/kg	10	1.3	1
1,2,3-Trichloropropane	ND		ug/kg	2.1	0.13	1
2-Hexanone	ND		ug/kg	10	1.2	1
Bromochloromethane	ND		ug/kg	2.1	0.21	1
2,2-Dichloropropane	ND		ug/kg	2.1	0.21	1
1,2-Dibromoethane	ND		ug/kg	1.0	0.29	1
1,3-Dichloropropane	ND		ug/kg	2.1	0.17	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.52	0.14	1
Bromobenzene	ND		ug/kg	2.1	0.15	1
n-Butylbenzene	ND		ug/kg	1.0	0.17	1
sec-Butylbenzene	ND		ug/kg	1.0	0.15	1
tert-Butylbenzene	ND		ug/kg	2.1	0.12	1
o-Chlorotoluene	ND		ug/kg	2.1	0.20	1
p-Chlorotoluene	ND		ug/kg	2.1	0.11	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.1	1.0	1
Hexachlorobutadiene	ND		ug/kg	4.1	0.17	1
Isopropylbenzene	ND		ug/kg	1.0	0.11	1
p-Isopropyltoluene	ND		ug/kg	1.0	0.11	1
Naphthalene	ND		ug/kg	4.1	0.67	1
Acrylonitrile	ND		ug/kg	4.1	1.2	1

Project Name: SUN VALLEY SITE**Lab Number:** L2353853**Project Number:** 12060 / PHASE 8**Report Date:** 09/21/23**SAMPLE RESULTS**

Lab ID: L2353853-06
 Client ID: GRAB_D1(10.5-11)
 Sample Location: OSSINING, NY

Date Collected: 09/14/23 09:55
 Date Received: 09/14/23
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
n-Propylbenzene	ND		ug/kg	1.0	0.18	1
1,2,3-Trichlorobenzene	ND		ug/kg	2.1	0.33	1
1,2,4-Trichlorobenzene	ND		ug/kg	2.1	0.28	1
1,3,5-Trimethylbenzene	ND		ug/kg	2.1	0.20	1
1,2,4-Trimethylbenzene	ND		ug/kg	2.1	0.34	1
1,4-Dioxane	ND		ug/kg	82	36.	1
p-Diethylbenzene	ND		ug/kg	2.1	0.18	1
p-Ethyltoluene	ND		ug/kg	2.1	0.40	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	2.1	0.20	1
Ethyl ether	ND		ug/kg	2.1	0.35	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	5.2	1.5	1

Tentatively Identified Compounds

Total TIC Compounds	7.41	J	ug/kg	1
Unknown	7.41	J	ug/kg	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	103		70-130
Toluene-d8	94		70-130
4-Bromofluorobenzene	93		70-130
Dibromofluoromethane	102		70-130

Project Name: SUN VALLEY SITE**Lab Number:** L2353853**Project Number:** 12060 / PHASE 8**Report Date:** 09/21/23**SAMPLE RESULTS**

Lab ID: L2353853-08
 Client ID: GRAB_C2(12.5-13)
 Sample Location: OSSINING, NY

Date Collected: 09/14/23 12:55
 Date Received: 09/14/23
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Analytical Method: 1,8260D

Analytical Date: 09/18/23 14:15

Analyst: JIC

Percent Solids: 92%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	4.7	2.2	1
1,1-Dichloroethane	ND		ug/kg	0.95	0.14	1
Chloroform	ND		ug/kg	1.4	0.13	1
Carbon tetrachloride	ND		ug/kg	0.95	0.22	1
1,2-Dichloropropane	ND		ug/kg	0.95	0.12	1
Dibromochloromethane	ND		ug/kg	0.95	0.13	1
1,1,2-Trichloroethane	ND		ug/kg	0.95	0.25	1
Tetrachloroethene	ND		ug/kg	0.47	0.19	1
Chlorobenzene	ND		ug/kg	0.47	0.12	1
Trichlorofluoromethane	ND		ug/kg	3.8	0.66	1
1,2-Dichloroethane	ND		ug/kg	0.95	0.24	1
1,1,1-Trichloroethane	ND		ug/kg	0.47	0.16	1
Bromodichloromethane	ND		ug/kg	0.47	0.10	1
trans-1,3-Dichloropropene	ND		ug/kg	0.95	0.26	1
cis-1,3-Dichloropropene	ND		ug/kg	0.47	0.15	1
1,3-Dichloropropene, Total	ND		ug/kg	0.47	0.15	1
1,1-Dichloropropene	ND		ug/kg	0.47	0.15	1
Bromoform	ND		ug/kg	3.8	0.23	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.47	0.16	1
Benzene	ND		ug/kg	0.47	0.16	1
Toluene	ND		ug/kg	0.95	0.52	1
Ethylbenzene	ND		ug/kg	0.95	0.13	1
Chloromethane	ND		ug/kg	3.8	0.88	1
Bromomethane	ND		ug/kg	1.9	0.55	1
Vinyl chloride	ND		ug/kg	0.95	0.32	1
Chloroethane	ND		ug/kg	1.9	0.43	1
1,1-Dichloroethene	ND		ug/kg	0.95	0.22	1
trans-1,2-Dichloroethene	ND		ug/kg	1.4	0.13	1

Project Name: SUN VALLEY SITE

Lab Number: L2353853

Project Number: 12060 / PHASE 8

Report Date: 09/21/23

SAMPLE RESULTS

Lab ID: L2353853-08
 Client ID: GRAB_C2(12.5-13)
 Sample Location: OSSINING, NY

Date Collected: 09/14/23 12:55
 Date Received: 09/14/23
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Trichloroethene	ND		ug/kg	0.47	0.13	1
1,2-Dichlorobenzene	ND		ug/kg	1.9	0.14	1
1,3-Dichlorobenzene	ND		ug/kg	1.9	0.14	1
1,4-Dichlorobenzene	ND		ug/kg	1.9	0.16	1
Methyl tert butyl ether	ND		ug/kg	1.9	0.19	1
p/m-Xylene	ND		ug/kg	1.9	0.53	1
o-Xylene	ND		ug/kg	0.95	0.28	1
Xylenes, Total	ND		ug/kg	0.95	0.28	1
cis-1,2-Dichloroethene	ND		ug/kg	0.95	0.17	1
1,2-Dichloroethene, Total	ND		ug/kg	0.95	0.13	1
Dibromomethane	ND		ug/kg	1.9	0.22	1
Styrene	ND		ug/kg	0.95	0.19	1
Dichlorodifluoromethane	ND		ug/kg	9.5	0.87	1
Acetone	8.2	J	ug/kg	9.5	4.6	1
Carbon disulfide	ND		ug/kg	9.5	4.3	1
2-Butanone	ND		ug/kg	9.5	2.1	1
Vinyl acetate	ND		ug/kg	9.5	2.0	1
4-Methyl-2-pentanone	ND		ug/kg	9.5	1.2	1
1,2,3-Trichloropropane	ND		ug/kg	1.9	0.12	1
2-Hexanone	ND		ug/kg	9.5	1.1	1
Bromochloromethane	ND		ug/kg	1.9	0.19	1
2,2-Dichloropropane	ND		ug/kg	1.9	0.19	1
1,2-Dibromoethane	ND		ug/kg	0.95	0.26	1
1,3-Dichloropropane	ND		ug/kg	1.9	0.16	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.47	0.12	1
Bromobenzene	ND		ug/kg	1.9	0.14	1
n-Butylbenzene	ND		ug/kg	0.95	0.16	1
sec-Butylbenzene	ND		ug/kg	0.95	0.14	1
tert-Butylbenzene	ND		ug/kg	1.9	0.11	1
o-Chlorotoluene	ND		ug/kg	1.9	0.18	1
p-Chlorotoluene	ND		ug/kg	1.9	0.10	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	2.8	0.95	1
Hexachlorobutadiene	ND		ug/kg	3.8	0.16	1
Isopropylbenzene	ND		ug/kg	0.95	0.10	1
p-Isopropyltoluene	ND		ug/kg	0.95	0.10	1
Naphthalene	ND		ug/kg	3.8	0.62	1
Acrylonitrile	ND		ug/kg	3.8	1.1	1

Project Name: SUN VALLEY SITE**Lab Number:** L2353853**Project Number:** 12060 / PHASE 8**Report Date:** 09/21/23**SAMPLE RESULTS**

Lab ID: L2353853-08
 Client ID: GRAB_C2(12.5-13)
 Sample Location: OSSINING, NY

Date Collected: 09/14/23 12:55
 Date Received: 09/14/23
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
n-Propylbenzene	ND		ug/kg	0.95	0.16	1
1,2,3-Trichlorobenzene	ND		ug/kg	1.9	0.30	1
1,2,4-Trichlorobenzene	ND		ug/kg	1.9	0.26	1
1,3,5-Trimethylbenzene	ND		ug/kg	1.9	0.18	1
1,2,4-Trimethylbenzene	ND		ug/kg	1.9	0.32	1
1,4-Dioxane	ND		ug/kg	76	33.	1
p-Diethylbenzene	ND		ug/kg	1.9	0.17	1
p-Ethyltoluene	ND		ug/kg	1.9	0.36	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	1.9	0.18	1
Ethyl ether	ND		ug/kg	1.9	0.32	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	4.7	1.3	1

Tentatively Identified Compounds

Total TIC Compounds	11.6	J	ug/kg	1
Unknown	6.39	J	ug/kg	1
Unknown	2.27	J	ug/kg	1
Unknown	2.98	J	ug/kg	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	105		70-130
Toluene-d8	96		70-130
4-Bromofluorobenzene	94		70-130
Dibromofluoromethane	102		70-130

Project Name: SUN VALLEY SITE
Project Number: 12060 / PHASE 8

Lab Number: L2353853
Report Date: 09/21/23

SAMPLE RESULTS

Lab ID: L2353853-10
Client ID: GRAB_D2(7.5-8)
Sample Location: OSSINING, NY

Date Collected: 09/14/23 14:45
Date Received: 09/14/23
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 09/18/23 14:36
Analyst: JIC
Percent Solids: 91%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	4.2	1.9	1
1,1-Dichloroethane	ND		ug/kg	0.84	0.12	1
Chloroform	ND		ug/kg	1.2	0.12	1
Carbon tetrachloride	ND		ug/kg	0.84	0.19	1
1,2-Dichloropropane	ND		ug/kg	0.84	0.10	1
Dibromochloromethane	ND		ug/kg	0.84	0.12	1
1,1,2-Trichloroethane	ND		ug/kg	0.84	0.22	1
Tetrachloroethene	ND		ug/kg	0.42	0.16	1
Chlorobenzene	ND		ug/kg	0.42	0.11	1
Trichlorofluoromethane	ND		ug/kg	3.3	0.58	1
1,2-Dichloroethane	ND		ug/kg	0.84	0.21	1
1,1,1-Trichloroethane	ND		ug/kg	0.42	0.14	1
Bromodichloromethane	ND		ug/kg	0.42	0.09	1
trans-1,3-Dichloropropene	ND		ug/kg	0.84	0.23	1
cis-1,3-Dichloropropene	ND		ug/kg	0.42	0.13	1
1,3-Dichloropropene, Total	ND		ug/kg	0.42	0.13	1
1,1-Dichloropropene	ND		ug/kg	0.42	0.13	1
Bromoform	ND		ug/kg	3.3	0.20	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.42	0.14	1
Benzene	ND		ug/kg	0.42	0.14	1
Toluene	0.50	J	ug/kg	0.84	0.45	1
Ethylbenzene	ND		ug/kg	0.84	0.12	1
Chloromethane	ND		ug/kg	3.3	0.78	1
Bromomethane	ND		ug/kg	1.7	0.49	1
Vinyl chloride	ND		ug/kg	0.84	0.28	1
Chloroethane	ND		ug/kg	1.7	0.38	1
1,1-Dichloroethene	ND		ug/kg	0.84	0.20	1
trans-1,2-Dichloroethene	ND		ug/kg	1.2	0.11	1

Project Name: SUN VALLEY SITE**Lab Number:** L2353853**Project Number:** 12060 / PHASE 8**Report Date:** 09/21/23**SAMPLE RESULTS**

Lab ID: L2353853-10
 Client ID: GRAB_D2(7.5-8)
 Sample Location: OSSINING, NY

Date Collected: 09/14/23 14:45
 Date Received: 09/14/23
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Trichloroethene	ND		ug/kg	0.42	0.11	1
1,2-Dichlorobenzene	ND		ug/kg	1.7	0.12	1
1,3-Dichlorobenzene	ND		ug/kg	1.7	0.12	1
1,4-Dichlorobenzene	ND		ug/kg	1.7	0.14	1
Methyl tert butyl ether	0.91	J	ug/kg	1.7	0.17	1
p/m-Xylene	ND		ug/kg	1.7	0.47	1
o-Xylene	ND		ug/kg	0.84	0.24	1
Xylenes, Total	ND		ug/kg	0.84	0.24	1
cis-1,2-Dichloroethene	ND		ug/kg	0.84	0.15	1
1,2-Dichloroethene, Total	ND		ug/kg	0.84	0.11	1
Dibromomethane	ND		ug/kg	1.7	0.20	1
Styrene	ND		ug/kg	0.84	0.16	1
Dichlorodifluoromethane	ND		ug/kg	8.4	0.76	1
Acetone	9.1		ug/kg	8.4	4.0	1
Carbon disulfide	ND		ug/kg	8.4	3.8	1
2-Butanone	2.3	J	ug/kg	8.4	1.8	1
Vinyl acetate	ND		ug/kg	8.4	1.8	1
4-Methyl-2-pentanone	ND		ug/kg	8.4	1.1	1
1,2,3-Trichloropropane	ND		ug/kg	1.7	0.11	1
2-Hexanone	ND		ug/kg	8.4	0.99	1
Bromochloromethane	ND		ug/kg	1.7	0.17	1
2,2-Dichloropropane	ND		ug/kg	1.7	0.17	1
1,2-Dibromoethane	ND		ug/kg	0.84	0.23	1
1,3-Dichloropropane	ND		ug/kg	1.7	0.14	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.42	0.11	1
Bromobenzene	ND		ug/kg	1.7	0.12	1
n-Butylbenzene	ND		ug/kg	0.84	0.14	1
sec-Butylbenzene	ND		ug/kg	0.84	0.12	1
tert-Butylbenzene	ND		ug/kg	1.7	0.10	1
o-Chlorotoluene	ND		ug/kg	1.7	0.16	1
p-Chlorotoluene	ND		ug/kg	1.7	0.09	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	2.5	0.83	1
Hexachlorobutadiene	ND		ug/kg	3.3	0.14	1
Isopropylbenzene	ND		ug/kg	0.84	0.09	1
p-Isopropyltoluene	ND		ug/kg	0.84	0.09	1
Naphthalene	ND		ug/kg	3.3	0.54	1
Acrylonitrile	ND		ug/kg	3.3	0.96	1

Project Name: SUN VALLEY SITE
Project Number: 12060 / PHASE 8

Lab Number: L2353853
Report Date: 09/21/23

SAMPLE RESULTS

Lab ID: L2353853-10
Client ID: GRAB_D2(7.5-8)
Sample Location: OSSINING, NY

Date Collected: 09/14/23 14:45
Date Received: 09/14/23
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
n-Propylbenzene	ND		ug/kg	0.84	0.14	1
1,2,3-Trichlorobenzene	ND		ug/kg	1.7	0.27	1
1,2,4-Trichlorobenzene	ND		ug/kg	1.7	0.23	1
1,3,5-Trimethylbenzene	ND		ug/kg	1.7	0.16	1
1,2,4-Trimethylbenzene	ND		ug/kg	1.7	0.28	1
1,4-Dioxane	ND		ug/kg	67	29.	1
p-Diethylbenzene	ND		ug/kg	1.7	0.15	1
p-Ethyltoluene	ND		ug/kg	1.7	0.32	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	1.7	0.16	1
Ethyl ether	ND		ug/kg	1.7	0.28	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	4.2	1.2	1

Tentatively Identified Compounds

Total TIC Compounds	8.65	J	ug/kg	1
Unknown	6.93	J	ug/kg	1
Unknown	1.72	J	ug/kg	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	103		70-130
Toluene-d8	93		70-130
4-Bromofluorobenzene	94		70-130
Dibromofluoromethane	104		70-130

Project Name: SUN VALLEY SITE
Project Number: 12060 / PHASE 8

Lab Number: L2353853
Report Date: 09/21/23

SAMPLE RESULTS

Lab ID: L2353853-12
Client ID: GRAB_D2(2.5-3)
Sample Location: OSSINING, NY

Date Collected: 09/14/23 14:45
Date Received: 09/14/23
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 09/18/23 14:57
Analyst: JIC
Percent Solids: 91%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	4.7	2.2	1
1,1-Dichloroethane	ND		ug/kg	0.94	0.14	1
Chloroform	ND		ug/kg	1.4	0.13	1
Carbon tetrachloride	ND		ug/kg	0.94	0.22	1
1,2-Dichloropropane	ND		ug/kg	0.94	0.12	1
Dibromochloromethane	ND		ug/kg	0.94	0.13	1
1,1,2-Trichloroethane	ND		ug/kg	0.94	0.25	1
Tetrachloroethene	ND		ug/kg	0.47	0.18	1
Chlorobenzene	ND		ug/kg	0.47	0.12	1
Trichlorofluoromethane	ND		ug/kg	3.8	0.66	1
1,2-Dichloroethane	ND		ug/kg	0.94	0.24	1
1,1,1-Trichloroethane	ND		ug/kg	0.47	0.16	1
Bromodichloromethane	ND		ug/kg	0.47	0.10	1
trans-1,3-Dichloropropene	ND		ug/kg	0.94	0.26	1
cis-1,3-Dichloropropene	ND		ug/kg	0.47	0.15	1
1,3-Dichloropropene, Total	ND		ug/kg	0.47	0.15	1
1,1-Dichloropropene	ND		ug/kg	0.47	0.15	1
Bromoform	ND		ug/kg	3.8	0.23	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.47	0.16	1
Benzene	ND		ug/kg	0.47	0.16	1
Toluene	ND		ug/kg	0.94	0.51	1
Ethylbenzene	ND		ug/kg	0.94	0.13	1
Chloromethane	ND		ug/kg	3.8	0.88	1
Bromomethane	ND		ug/kg	1.9	0.55	1
Vinyl chloride	ND		ug/kg	0.94	0.32	1
Chloroethane	ND		ug/kg	1.9	0.42	1
1,1-Dichloroethene	ND		ug/kg	0.94	0.22	1
trans-1,2-Dichloroethene	ND		ug/kg	1.4	0.13	1

Project Name: SUN VALLEY SITE

Lab Number: L2353853

Project Number: 12060 / PHASE 8

Report Date: 09/21/23

SAMPLE RESULTS

Lab ID: L2353853-12
 Client ID: GRAB_D2(2.5-3)
 Sample Location: OSSINING, NY

Date Collected: 09/14/23 14:45
 Date Received: 09/14/23
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Trichloroethene	ND		ug/kg	0.47	0.13	1
1,2-Dichlorobenzene	ND		ug/kg	1.9	0.14	1
1,3-Dichlorobenzene	ND		ug/kg	1.9	0.14	1
1,4-Dichlorobenzene	ND		ug/kg	1.9	0.16	1
Methyl tert butyl ether	0.46	J	ug/kg	1.9	0.19	1
p/m-Xylene	ND		ug/kg	1.9	0.53	1
o-Xylene	ND		ug/kg	0.94	0.27	1
Xylenes, Total	ND		ug/kg	0.94	0.27	1
cis-1,2-Dichloroethene	ND		ug/kg	0.94	0.16	1
1,2-Dichloroethene, Total	ND		ug/kg	0.94	0.13	1
Dibromomethane	ND		ug/kg	1.9	0.22	1
Styrene	ND		ug/kg	0.94	0.18	1
Dichlorodifluoromethane	ND		ug/kg	9.4	0.86	1
Acetone	9.7		ug/kg	9.4	4.5	1
Carbon disulfide	ND		ug/kg	9.4	4.3	1
2-Butanone	ND		ug/kg	9.4	2.1	1
Vinyl acetate	ND		ug/kg	9.4	2.0	1
4-Methyl-2-pentanone	ND		ug/kg	9.4	1.2	1
1,2,3-Trichloropropane	ND		ug/kg	1.9	0.12	1
2-Hexanone	ND		ug/kg	9.4	1.1	1
Bromochloromethane	ND		ug/kg	1.9	0.19	1
2,2-Dichloropropane	ND		ug/kg	1.9	0.19	1
1,2-Dibromoethane	ND		ug/kg	0.94	0.26	1
1,3-Dichloropropane	ND		ug/kg	1.9	0.16	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.47	0.12	1
Bromobenzene	ND		ug/kg	1.9	0.14	1
n-Butylbenzene	ND		ug/kg	0.94	0.16	1
sec-Butylbenzene	ND		ug/kg	0.94	0.14	1
tert-Butylbenzene	ND		ug/kg	1.9	0.11	1
o-Chlorotoluene	ND		ug/kg	1.9	0.18	1
p-Chlorotoluene	ND		ug/kg	1.9	0.10	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	2.8	0.94	1
Hexachlorobutadiene	ND		ug/kg	3.8	0.16	1
Isopropylbenzene	ND		ug/kg	0.94	0.10	1
p-Isopropyltoluene	ND		ug/kg	0.94	0.10	1
Naphthalene	ND		ug/kg	3.8	0.61	1
Acrylonitrile	ND		ug/kg	3.8	1.1	1

Project Name: SUN VALLEY SITE
Project Number: 12060 / PHASE 8

Lab Number: L2353853
Report Date: 09/21/23

SAMPLE RESULTS

Lab ID: L2353853-12
Client ID: GRAB_D2(2.5-3)
Sample Location: OSSINING, NY

Date Collected: 09/14/23 14:45
Date Received: 09/14/23
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
n-Propylbenzene	ND		ug/kg	0.94	0.16	1
1,2,3-Trichlorobenzene	ND		ug/kg	1.9	0.30	1
1,2,4-Trichlorobenzene	ND		ug/kg	1.9	0.26	1
1,3,5-Trimethylbenzene	ND		ug/kg	1.9	0.18	1
1,2,4-Trimethylbenzene	ND		ug/kg	1.9	0.31	1
1,4-Dioxane	ND		ug/kg	75	33.	1
p-Diethylbenzene	ND		ug/kg	1.9	0.17	1
p-Ethyltoluene	ND		ug/kg	1.9	0.36	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	1.9	0.18	1
Ethyl ether	ND		ug/kg	1.9	0.32	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	4.7	1.3	1

Tentatively Identified Compounds

Total TIC Compounds	8.08	J	ug/kg	1
Unknown	8.08	J	ug/kg	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	104		70-130
Toluene-d8	95		70-130
4-Bromofluorobenzene	93		70-130
Dibromofluoromethane	106		70-130

Project Name: SUN VALLEY SITE
Project Number: 12060 / PHASE 8

Lab Number: L2353853
Report Date: 09/21/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 09/18/23 10:55
Analyst: AJK

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 High - Westborough Lab for sample(s): 02 Batch: WG1829202-5					
Methylene chloride	ND		ug/kg	250	110
1,1-Dichloroethane	ND		ug/kg	50	7.2
Chloroform	ND		ug/kg	75	7.0
Carbon tetrachloride	ND		ug/kg	50	12.
1,2-Dichloropropane	ND		ug/kg	50	6.2
Dibromochloromethane	ND		ug/kg	50	7.0
1,1,2-Trichloroethane	ND		ug/kg	50	13.
Tetrachloroethene	ND		ug/kg	25	9.8
Chlorobenzene	ND		ug/kg	25	6.4
Trichlorofluoromethane	ND		ug/kg	200	35.
1,2-Dichloroethane	ND		ug/kg	50	13.
1,1,1-Trichloroethane	ND		ug/kg	25	8.4
Bromodichloromethane	ND		ug/kg	25	5.4
trans-1,3-Dichloropropene	ND		ug/kg	50	14.
cis-1,3-Dichloropropene	ND		ug/kg	25	7.9
1,3-Dichloropropene, Total	ND		ug/kg	25	7.9
1,1-Dichloropropene	ND		ug/kg	25	8.0
Bromoform	ND		ug/kg	200	12.
1,1,2,2-Tetrachloroethane	ND		ug/kg	25	8.3
Benzene	ND		ug/kg	25	8.3
Toluene	ND		ug/kg	50	27.
Ethylbenzene	ND		ug/kg	50	7.0
Chloromethane	ND		ug/kg	200	47.
Bromomethane	ND		ug/kg	100	29.
Vinyl chloride	ND		ug/kg	50	17.
Chloroethane	ND		ug/kg	100	23.
1,1-Dichloroethene	ND		ug/kg	50	12.
trans-1,2-Dichloroethene	ND		ug/kg	75	6.8
Trichloroethene	ND		ug/kg	25	6.8

Project Name: SUN VALLEY SITE
Project Number: 12060 / PHASE 8

Lab Number: L2353853
Report Date: 09/21/23

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8260D
 Analytical Date: 09/18/23 10:55
 Analyst: AJK

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 High - Westborough Lab for sample(s): 02 Batch: WG1829202-5					
1,2-Dichlorobenzene	ND		ug/kg	100	7.2
1,3-Dichlorobenzene	ND		ug/kg	100	7.4
1,4-Dichlorobenzene	ND		ug/kg	100	8.6
Methyl tert butyl ether	ND		ug/kg	100	10.
p/m-Xylene	ND		ug/kg	100	28.
o-Xylene	ND		ug/kg	50	14.
Xylenes, Total	ND		ug/kg	50	14.
cis-1,2-Dichloroethene	ND		ug/kg	50	8.8
1,2-Dichloroethene, Total	ND		ug/kg	50	6.8
Dibromomethane	ND		ug/kg	100	12.
Styrene	ND		ug/kg	50	9.8
Dichlorodifluoromethane	ND		ug/kg	500	46.
Acetone	ND		ug/kg	500	240
Carbon disulfide	ND		ug/kg	500	230
2-Butanone	ND		ug/kg	500	110
Vinyl acetate	ND		ug/kg	500	110
4-Methyl-2-pentanone	ND		ug/kg	500	64.
1,2,3-Trichloropropane	ND		ug/kg	100	6.4
2-Hexanone	ND		ug/kg	500	59.
Bromochloromethane	ND		ug/kg	100	10.
2,2-Dichloropropane	ND		ug/kg	100	10.
1,2-Dibromoethane	ND		ug/kg	50	14.
1,3-Dichloropropane	ND		ug/kg	100	8.4
1,1,1,2-Tetrachloroethane	ND		ug/kg	25	6.6
Bromobenzene	ND		ug/kg	100	7.2
n-Butylbenzene	ND		ug/kg	50	8.4
sec-Butylbenzene	ND		ug/kg	50	7.3
tert-Butylbenzene	ND		ug/kg	100	5.9
o-Chlorotoluene	ND		ug/kg	100	9.6

Project Name: SUN VALLEY SITE
Project Number: 12060 / PHASE 8

Lab Number: L2353853
Report Date: 09/21/23

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8260D
 Analytical Date: 09/18/23 10:55
 Analyst: AJK

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 High - Westborough Lab for sample(s): 02 Batch: WG1829202-5					
p-Chlorotoluene	ND		ug/kg	100	5.4
1,2-Dibromo-3-chloropropane	ND		ug/kg	150	50.
Hexachlorobutadiene	ND		ug/kg	200	8.4
Isopropylbenzene	ND		ug/kg	50	5.4
p-Isopropyltoluene	ND		ug/kg	50	5.4
Naphthalene	ND		ug/kg	200	32.
Acrylonitrile	ND		ug/kg	200	58.
n-Propylbenzene	ND		ug/kg	50	8.6
1,2,3-Trichlorobenzene	ND		ug/kg	100	16.
1,2,4-Trichlorobenzene	ND		ug/kg	100	14.
1,3,5-Trimethylbenzene	ND		ug/kg	100	9.6
1,2,4-Trimethylbenzene	ND		ug/kg	100	17.
1,4-Dioxane	ND		ug/kg	4000	1800
p-Diethylbenzene	ND		ug/kg	100	8.8
p-Ethyltoluene	ND		ug/kg	100	19.
1,2,4,5-Tetramethylbenzene	ND		ug/kg	100	9.6
Ethyl ether	ND		ug/kg	100	17.
trans-1,4-Dichloro-2-butene	ND		ug/kg	250	71.

Tentatively Identified Compounds

Total TIC Compounds	343	J	ug/kg
Unknown	343	J	ug/kg

Project Name: SUN VALLEY SITE
Project Number: 12060 / PHASE 8

Lab Number: L2353853
Report Date: 09/21/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
 Analytical Date: 09/18/23 10:55
 Analyst: AJK

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 High - Westborough Lab for sample(s): 02 Batch: WG1829202-5					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	100		70-130
Toluene-d8	95		70-130
4-Bromofluorobenzene	92		70-130
Dibromofluoromethane	101		70-130

Project Name: SUN VALLEY SITE
Project Number: 12060 / PHASE 8

Lab Number: L2353853
Report Date: 09/21/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 09/18/23 10:55
Analyst: AJK

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 06,08,10,12 Batch: WG1829203-5					
Methylene chloride	ND		ug/kg	5.0	2.3
1,1-Dichloroethane	ND		ug/kg	1.0	0.14
Chloroform	ND		ug/kg	1.5	0.14
Carbon tetrachloride	ND		ug/kg	1.0	0.23
1,2-Dichloropropane	ND		ug/kg	1.0	0.12
Dibromochloromethane	ND		ug/kg	1.0	0.14
1,1,2-Trichloroethane	ND		ug/kg	1.0	0.27
Tetrachloroethene	ND		ug/kg	0.50	0.20
Chlorobenzene	ND		ug/kg	0.50	0.13
Trichlorofluoromethane	ND		ug/kg	4.0	0.70
1,2-Dichloroethane	ND		ug/kg	1.0	0.26
1,1,1-Trichloroethane	ND		ug/kg	0.50	0.17
Bromodichloromethane	ND		ug/kg	0.50	0.11
trans-1,3-Dichloropropene	ND		ug/kg	1.0	0.27
cis-1,3-Dichloropropene	ND		ug/kg	0.50	0.16
1,3-Dichloropropene, Total	ND		ug/kg	0.50	0.16
1,1-Dichloropropene	ND		ug/kg	0.50	0.16
Bromoform	ND		ug/kg	4.0	0.25
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.50	0.17
Benzene	ND		ug/kg	0.50	0.17
Toluene	ND		ug/kg	1.0	0.54
Ethylbenzene	ND		ug/kg	1.0	0.14
Chloromethane	ND		ug/kg	4.0	0.93
Bromomethane	ND		ug/kg	2.0	0.58
Vinyl chloride	ND		ug/kg	1.0	0.34
Chloroethane	ND		ug/kg	2.0	0.45
1,1-Dichloroethene	ND		ug/kg	1.0	0.24
trans-1,2-Dichloroethene	ND		ug/kg	1.5	0.14
Trichloroethene	ND		ug/kg	0.50	0.14

Project Name: SUN VALLEY SITE
Project Number: 12060 / PHASE 8

Lab Number: L2353853
Report Date: 09/21/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 09/18/23 10:55
Analyst: AJK

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 06,08,10,12 Batch: WG1829203-5					
1,2-Dichlorobenzene	ND		ug/kg	2.0	0.14
1,3-Dichlorobenzene	ND		ug/kg	2.0	0.15
1,4-Dichlorobenzene	ND		ug/kg	2.0	0.17
Methyl tert butyl ether	ND		ug/kg	2.0	0.20
p/m-Xylene	ND		ug/kg	2.0	0.56
o-Xylene	ND		ug/kg	1.0	0.29
Xylenes, Total	ND		ug/kg	1.0	0.29
cis-1,2-Dichloroethene	ND		ug/kg	1.0	0.18
1,2-Dichloroethene, Total	ND		ug/kg	1.0	0.14
Dibromomethane	ND		ug/kg	2.0	0.24
Styrene	ND		ug/kg	1.0	0.20
Dichlorodifluoromethane	ND		ug/kg	10	0.92
Acetone	ND		ug/kg	10	4.8
Carbon disulfide	ND		ug/kg	10	4.6
2-Butanone	ND		ug/kg	10	2.2
Vinyl acetate	ND		ug/kg	10	2.2
4-Methyl-2-pentanone	ND		ug/kg	10	1.3
1,2,3-Trichloropropane	ND		ug/kg	2.0	0.13
2-Hexanone	ND		ug/kg	10	1.2
Bromochloromethane	ND		ug/kg	2.0	0.20
2,2-Dichloropropane	ND		ug/kg	2.0	0.20
1,2-Dibromoethane	ND		ug/kg	1.0	0.28
1,3-Dichloropropane	ND		ug/kg	2.0	0.17
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.50	0.13
Bromobenzene	ND		ug/kg	2.0	0.14
n-Butylbenzene	ND		ug/kg	1.0	0.17
sec-Butylbenzene	ND		ug/kg	1.0	0.15
tert-Butylbenzene	ND		ug/kg	2.0	0.12
o-Chlorotoluene	ND		ug/kg	2.0	0.19

Project Name: SUN VALLEY SITE
Project Number: 12060 / PHASE 8

Lab Number: L2353853
Report Date: 09/21/23

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8260D
 Analytical Date: 09/18/23 10:55
 Analyst: AJK

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 06,08,10,12 Batch: WG1829203-5					
p-Chlorotoluene	ND		ug/kg	2.0	0.11
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.0	1.0
Hexachlorobutadiene	ND		ug/kg	4.0	0.17
Isopropylbenzene	ND		ug/kg	1.0	0.11
p-Isopropyltoluene	ND		ug/kg	1.0	0.11
Naphthalene	ND		ug/kg	4.0	0.65
Acrylonitrile	ND		ug/kg	4.0	1.2
n-Propylbenzene	ND		ug/kg	1.0	0.17
1,2,3-Trichlorobenzene	ND		ug/kg	2.0	0.32
1,2,4-Trichlorobenzene	ND		ug/kg	2.0	0.27
1,3,5-Trimethylbenzene	ND		ug/kg	2.0	0.19
1,2,4-Trimethylbenzene	ND		ug/kg	2.0	0.33
1,4-Dioxane	ND		ug/kg	80	35.
p-Diethylbenzene	ND		ug/kg	2.0	0.18
p-Ethyltoluene	ND		ug/kg	2.0	0.38
1,2,4,5-Tetramethylbenzene	ND		ug/kg	2.0	0.19
Ethyl ether	ND		ug/kg	2.0	0.34
trans-1,4-Dichloro-2-butene	ND		ug/kg	5.0	1.4

Tentatively Identified Compounds

Total TIC Compounds	6.86	J	ug/kg
Unknown	6.86	J	ug/kg

Project Name: SUN VALLEY SITE
Project Number: 12060 / PHASE 8

Lab Number: L2353853
Report Date: 09/21/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
 Analytical Date: 09/18/23 10:55
 Analyst: AJK

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 06,08,10,12 Batch: WG1829203-5					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	101		70-130
Toluene-d8	95		70-130
4-Bromofluorobenzene	92		70-130
Dibromofluoromethane	101		70-130

Project Name: SUN VALLEY SITE
Project Number: 12060 / PHASE 8

Lab Number: L2353853
Report Date: 09/21/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 09/19/23 09:21
Analyst: AJK

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 02 Batch: WG1829788-5					
Methylene chloride	ND		ug/kg	5.0	2.3
1,1-Dichloroethane	ND		ug/kg	1.0	0.14
Chloroform	ND		ug/kg	1.5	0.14
Carbon tetrachloride	ND		ug/kg	1.0	0.23
1,2-Dichloropropane	ND		ug/kg	1.0	0.12
Dibromochloromethane	ND		ug/kg	1.0	0.14
1,1,2-Trichloroethane	ND		ug/kg	1.0	0.27
Tetrachloroethene	ND		ug/kg	0.50	0.20
Chlorobenzene	ND		ug/kg	0.50	0.13
Trichlorofluoromethane	ND		ug/kg	4.0	0.70
1,2-Dichloroethane	ND		ug/kg	1.0	0.26
1,1,1-Trichloroethane	ND		ug/kg	0.50	0.17
Bromodichloromethane	ND		ug/kg	0.50	0.11
trans-1,3-Dichloropropene	ND		ug/kg	1.0	0.27
cis-1,3-Dichloropropene	ND		ug/kg	0.50	0.16
1,3-Dichloropropene, Total	ND		ug/kg	0.50	0.16
1,1-Dichloropropene	ND		ug/kg	0.50	0.16
Bromoform	ND		ug/kg	4.0	0.25
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.50	0.17
Benzene	ND		ug/kg	0.50	0.17
Toluene	ND		ug/kg	1.0	0.54
Ethylbenzene	ND		ug/kg	1.0	0.14
Chloromethane	ND		ug/kg	4.0	0.93
Bromomethane	ND		ug/kg	2.0	0.58
Vinyl chloride	ND		ug/kg	1.0	0.34
Chloroethane	ND		ug/kg	2.0	0.45
1,1-Dichloroethene	ND		ug/kg	1.0	0.24
trans-1,2-Dichloroethene	ND		ug/kg	1.5	0.14
Trichloroethene	ND		ug/kg	0.50	0.14

Project Name: SUN VALLEY SITE
Project Number: 12060 / PHASE 8

Lab Number: L2353853
Report Date: 09/21/23

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 09/19/23 09:21
Analyst: AJK

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 02 Batch: WG1829788-5					
1,2-Dichlorobenzene	ND		ug/kg	2.0	0.14
1,3-Dichlorobenzene	ND		ug/kg	2.0	0.15
1,4-Dichlorobenzene	ND		ug/kg	2.0	0.17
Methyl tert butyl ether	ND		ug/kg	2.0	0.20
p/m-Xylene	ND		ug/kg	2.0	0.56
o-Xylene	ND		ug/kg	1.0	0.29
Xylenes, Total	ND		ug/kg	1.0	0.29
cis-1,2-Dichloroethene	ND		ug/kg	1.0	0.18
1,2-Dichloroethene, Total	ND		ug/kg	1.0	0.14
Dibromomethane	ND		ug/kg	2.0	0.24
Styrene	ND		ug/kg	1.0	0.20
Dichlorodifluoromethane	ND		ug/kg	10	0.92
Acetone	ND		ug/kg	10	4.8
Carbon disulfide	ND		ug/kg	10	4.6
2-Butanone	ND		ug/kg	10	2.2
Vinyl acetate	ND		ug/kg	10	2.2
4-Methyl-2-pentanone	ND		ug/kg	10	1.3
1,2,3-Trichloropropane	ND		ug/kg	2.0	0.13
2-Hexanone	ND		ug/kg	10	1.2
Bromochloromethane	ND		ug/kg	2.0	0.20
2,2-Dichloropropane	ND		ug/kg	2.0	0.20
1,2-Dibromoethane	ND		ug/kg	1.0	0.28
1,3-Dichloropropane	ND		ug/kg	2.0	0.17
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.50	0.13
Bromobenzene	ND		ug/kg	2.0	0.14
n-Butylbenzene	ND		ug/kg	1.0	0.17
sec-Butylbenzene	ND		ug/kg	1.0	0.15
tert-Butylbenzene	ND		ug/kg	2.0	0.12
o-Chlorotoluene	ND		ug/kg	2.0	0.19

Project Name: SUN VALLEY SITE
Project Number: 12060 / PHASE 8

Lab Number: L2353853
Report Date: 09/21/23

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 09/19/23 09:21
Analyst: AJK

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 02 Batch: WG1829788-5					
p-Chlorotoluene	ND		ug/kg	2.0	0.11
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.0	1.0
Hexachlorobutadiene	ND		ug/kg	4.0	0.17
Isopropylbenzene	ND		ug/kg	1.0	0.11
p-Isopropyltoluene	ND		ug/kg	1.0	0.11
Naphthalene	ND		ug/kg	4.0	0.65
Acrylonitrile	ND		ug/kg	4.0	1.2
n-Propylbenzene	ND		ug/kg	1.0	0.17
1,2,3-Trichlorobenzene	ND		ug/kg	2.0	0.32
1,2,4-Trichlorobenzene	ND		ug/kg	2.0	0.27
1,3,5-Trimethylbenzene	ND		ug/kg	2.0	0.19
1,2,4-Trimethylbenzene	ND		ug/kg	2.0	0.33
1,4-Dioxane	ND		ug/kg	80	35.
p-Diethylbenzene	ND		ug/kg	2.0	0.18
p-Ethyltoluene	ND		ug/kg	2.0	0.38
1,2,4,5-Tetramethylbenzene	ND		ug/kg	2.0	0.19
Ethyl ether	ND		ug/kg	2.0	0.34
trans-1,4-Dichloro-2-butene	ND		ug/kg	5.0	1.4

Tentatively Identified Compounds

No Tentatively Identified Compounds ND ug/kg

Project Name: SUN VALLEY SITE
Project Number: 12060 / PHASE 8

Lab Number: L2353853
Report Date: 09/21/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 09/19/23 09:21
Analyst: AJK

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 02 Batch: WG1829788-5					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	92		70-130
Toluene-d8	101		70-130
4-Bromofluorobenzene	106		70-130
Dibromofluoromethane	87		70-130

Project Name: SUN VALLEY SITE
Project Number: 12060 / PHASE 8

Lab Number: L2353853
Report Date: 09/21/23

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8260D
 Analytical Date: 09/19/23 12:45
 Analyst: JIC

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 04 Batch: WG1829798-5					
Methylene chloride	ND		ug/kg	5.0	2.3
1,1-Dichloroethane	ND		ug/kg	1.0	0.14
Chloroform	ND		ug/kg	1.5	0.14
Carbon tetrachloride	ND		ug/kg	1.0	0.23
1,2-Dichloropropane	ND		ug/kg	1.0	0.12
Dibromochloromethane	ND		ug/kg	1.0	0.14
1,1,2-Trichloroethane	ND		ug/kg	1.0	0.27
Tetrachloroethene	ND		ug/kg	0.50	0.20
Chlorobenzene	ND		ug/kg	0.50	0.13
Trichlorofluoromethane	ND		ug/kg	4.0	0.70
1,2-Dichloroethane	ND		ug/kg	1.0	0.26
1,1,1-Trichloroethane	ND		ug/kg	0.50	0.17
Bromodichloromethane	ND		ug/kg	0.50	0.11
trans-1,3-Dichloropropene	ND		ug/kg	1.0	0.27
cis-1,3-Dichloropropene	ND		ug/kg	0.50	0.16
1,3-Dichloropropene, Total	ND		ug/kg	0.50	0.16
1,1-Dichloropropene	ND		ug/kg	0.50	0.16
Bromoform	ND		ug/kg	4.0	0.25
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.50	0.17
Benzene	ND		ug/kg	0.50	0.17
Toluene	ND		ug/kg	1.0	0.54
Ethylbenzene	ND		ug/kg	1.0	0.14
Chloromethane	ND		ug/kg	4.0	0.93
Bromomethane	ND		ug/kg	2.0	0.58
Vinyl chloride	ND		ug/kg	1.0	0.34
Chloroethane	ND		ug/kg	2.0	0.45
1,1-Dichloroethene	ND		ug/kg	1.0	0.24
trans-1,2-Dichloroethene	ND		ug/kg	1.5	0.14
Trichloroethene	ND		ug/kg	0.50	0.14

Project Name: SUN VALLEY SITE
Project Number: 12060 / PHASE 8

Lab Number: L2353853
Report Date: 09/21/23

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 09/19/23 12:45
Analyst: JIC

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 04 Batch: WG1829798-5					
1,2-Dichlorobenzene	ND		ug/kg	2.0	0.14
1,3-Dichlorobenzene	ND		ug/kg	2.0	0.15
1,4-Dichlorobenzene	ND		ug/kg	2.0	0.17
Methyl tert butyl ether	ND		ug/kg	2.0	0.20
p/m-Xylene	ND		ug/kg	2.0	0.56
o-Xylene	ND		ug/kg	1.0	0.29
Xylenes, Total	ND		ug/kg	1.0	0.29
cis-1,2-Dichloroethene	ND		ug/kg	1.0	0.18
1,2-Dichloroethene, Total	ND		ug/kg	1.0	0.14
Dibromomethane	ND		ug/kg	2.0	0.24
Styrene	ND		ug/kg	1.0	0.20
Dichlorodifluoromethane	ND		ug/kg	10	0.92
Acetone	ND		ug/kg	10	4.8
Carbon disulfide	ND		ug/kg	10	4.6
2-Butanone	ND		ug/kg	10	2.2
Vinyl acetate	ND		ug/kg	10	2.2
4-Methyl-2-pentanone	ND		ug/kg	10	1.3
1,2,3-Trichloropropane	ND		ug/kg	2.0	0.13
2-Hexanone	ND		ug/kg	10	1.2
Bromochloromethane	ND		ug/kg	2.0	0.20
2,2-Dichloropropane	ND		ug/kg	2.0	0.20
1,2-Dibromoethane	ND		ug/kg	1.0	0.28
1,3-Dichloropropane	ND		ug/kg	2.0	0.17
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.50	0.13
Bromobenzene	ND		ug/kg	2.0	0.14
n-Butylbenzene	ND		ug/kg	1.0	0.17
sec-Butylbenzene	ND		ug/kg	1.0	0.15
tert-Butylbenzene	ND		ug/kg	2.0	0.12
o-Chlorotoluene	ND		ug/kg	2.0	0.19

Project Name: SUN VALLEY SITE
Project Number: 12060 / PHASE 8

Lab Number: L2353853
Report Date: 09/21/23

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8260D
 Analytical Date: 09/19/23 12:45
 Analyst: JIC

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 04 Batch: WG1829798-5					
p-Chlorotoluene	ND		ug/kg	2.0	0.11
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.0	1.0
Hexachlorobutadiene	ND		ug/kg	4.0	0.17
Isopropylbenzene	ND		ug/kg	1.0	0.11
p-Isopropyltoluene	ND		ug/kg	1.0	0.11
Naphthalene	ND		ug/kg	4.0	0.65
Acrylonitrile	ND		ug/kg	4.0	1.2
n-Propylbenzene	ND		ug/kg	1.0	0.17
1,2,3-Trichlorobenzene	ND		ug/kg	2.0	0.32
1,2,4-Trichlorobenzene	ND		ug/kg	2.0	0.27
1,3,5-Trimethylbenzene	ND		ug/kg	2.0	0.19
1,2,4-Trimethylbenzene	ND		ug/kg	2.0	0.33
1,4-Dioxane	ND		ug/kg	80	35.
p-Diethylbenzene	ND		ug/kg	2.0	0.18
p-Ethyltoluene	ND		ug/kg	2.0	0.38
1,2,4,5-Tetramethylbenzene	ND		ug/kg	2.0	0.19
Ethyl ether	ND		ug/kg	2.0	0.34
trans-1,4-Dichloro-2-butene	ND		ug/kg	5.0	1.4

Tentatively Identified Compounds

Total TIC Compounds	2.31	J	ug/kg
Unknown	2.31	J	ug/kg

Project Name: SUN VALLEY SITE
Project Number: 12060 / PHASE 8

Lab Number: L2353853
Report Date: 09/21/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 09/19/23 12:45
Analyst: JIC

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 04 Batch: WG1829798-5					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	108		70-130
Toluene-d8	102		70-130
4-Bromofluorobenzene	95		70-130
Dibromofluoromethane	103		70-130

Lab Control Sample Analysis **Batch Quality Control**

Project Name: SUN VALLEY SITE

Project Number: 12060 / PHASE 8

Lab Number: L2353853

Report Date: 09/21/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 High - Westborough Lab Associated sample(s): 02 Batch: WG1829202-3 WG1829202-4								
Methylene chloride	76		74		70-130	3		30
1,1-Dichloroethane	89		85		70-130	5		30
Chloroform	87		85		70-130	2		30
Carbon tetrachloride	83		80		70-130	4		30
1,2-Dichloropropane	92		90		70-130	2		30
Dibromochloromethane	99		104		70-130	5		30
1,1,2-Trichloroethane	88		92		70-130	4		30
Tetrachloroethene	83		81		70-130	2		30
Chlorobenzene	94		94		70-130	0		30
Trichlorofluoromethane	86		82		70-139	5		30
1,2-Dichloroethane	90		90		70-130	0		30
1,1,1-Trichloroethane	87		83		70-130	5		30
Bromodichloromethane	91		88		70-130	3		30
trans-1,3-Dichloropropene	82		84		70-130	2		30
cis-1,3-Dichloropropene	89		88		70-130	1		30
1,1-Dichloropropene	75		73		70-130	3		30
Bromoform	91		95		70-130	4		30
1,1,2,2-Tetrachloroethane	81		84		70-130	4		30
Benzene	89		85		70-130	5		30
Toluene	87		86		70-130	1		30
Ethylbenzene	89		88		70-130	1		30
Chloromethane	91		87		52-130	4		30
Bromomethane	86		80		57-147	7		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: SUN VALLEY SITE

Project Number: 12060 / PHASE 8

Lab Number: L2353853

Report Date: 09/21/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 High - Westborough Lab Associated sample(s): 02 Batch: WG1829202-3 WG1829202-4								
Vinyl chloride	79		75		67-130	5		30
Chloroethane	76		73		50-151	4		30
1,1-Dichloroethene	74		71		65-135	4		30
trans-1,2-Dichloroethene	77		73		70-130	5		30
Trichloroethene	97		93		70-130	4		30
1,2-Dichlorobenzene	91		90		70-130	1		30
1,3-Dichlorobenzene	91		88		70-130	3		30
1,4-Dichlorobenzene	91		90		70-130	1		30
Methyl tert butyl ether	77		77		66-130	0		30
p/m-Xylene	91		90		70-130	1		30
o-Xylene	93		92		70-130	1		30
cis-1,2-Dichloroethene	86		83		70-130	4		30
Dibromomethane	88		89		70-130	1		30
Styrene	96		95		70-130	1		30
Dichlorodifluoromethane	74		70		30-146	6		30
Acetone	86		94		54-140	9		30
Carbon disulfide	75		71		59-130	5		30
2-Butanone	82		91		70-130	10		30
Vinyl acetate	77		80		70-130	4		30
4-Methyl-2-pentanone	86		95		70-130	10		30
1,2,3-Trichloropropane	87		91		68-130	4		30
2-Hexanone	84		92		70-130	9		30
Bromochloromethane	90		89		70-130	1		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: SUN VALLEY SITE

Project Number: 12060 / PHASE 8

Lab Number: L2353853

Report Date: 09/21/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 High - Westborough Lab Associated sample(s): 02 Batch: WG1829202-3 WG1829202-4								
2,2-Dichloropropane	71		68	Q	70-130	4		30
1,2-Dibromoethane	94		98		70-130	4		30
1,3-Dichloropropane	92		94		69-130	2		30
1,1,1,2-Tetrachloroethane	96		95		70-130	1		30
Bromobenzene	91		89		70-130	2		30
n-Butylbenzene	88		86		70-130	2		30
sec-Butylbenzene	88		85		70-130	3		30
tert-Butylbenzene	87		85		70-130	2		30
o-Chlorotoluene	105		101		70-130	4		30
p-Chlorotoluene	87		84		70-130	4		30
1,2-Dibromo-3-chloropropane	79		88		68-130	11		30
Hexachlorobutadiene	92		89		67-130	3		30
Isopropylbenzene	89		86		70-130	3		30
p-Isopropyltoluene	89		85		70-130	5		30
Naphthalene	90		93		70-130	3		30
Acrylonitrile	86		90		70-130	5		30
n-Propylbenzene	88		85		70-130	3		30
1,2,3-Trichlorobenzene	97		97		70-130	0		30
1,2,4-Trichlorobenzene	95		95		70-130	0		30
1,3,5-Trimethylbenzene	89		86		70-130	3		30
1,2,4-Trimethylbenzene	90		87		70-130	3		30
1,4-Dioxane	73		80		65-136	9		30
p-Diethylbenzene	91		88		70-130	3		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: SUN VALLEY SITE

Project Number: 12060 / PHASE 8

Lab Number: L2353853

Report Date: 09/21/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 High - Westborough Lab Associated sample(s): 02 Batch: WG1829202-3 WG1829202-4								
p-Ethyltoluene	90		86		70-130	5		30
1,2,4,5-Tetramethylbenzene	96		93		70-130	3		30
Ethyl ether	75		74		67-130	1		30
trans-1,4-Dichloro-2-butene	78		79		70-130	1		30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	96		97		70-130
Toluene-d8	96		97		70-130
4-Bromofluorobenzene	94		95		70-130
Dibromofluoromethane	95		97		70-130

Lab Control Sample Analysis **Batch Quality Control**

Project Name: SUN VALLEY SITE

Project Number: 12060 / PHASE 8

Lab Number: L2353853

Report Date: 09/21/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 06,08,10,12 Batch: WG1829203-3 WG1829203-4								
Methylene chloride	76		74		70-130	3		30
1,1-Dichloroethane	89		85		70-130	5		30
Chloroform	87		85		70-130	2		30
Carbon tetrachloride	83		80		70-130	4		30
1,2-Dichloropropane	92		90		70-130	2		30
Dibromochloromethane	99		104		70-130	5		30
1,1,2-Trichloroethane	88		92		70-130	4		30
Tetrachloroethene	83		81		70-130	2		30
Chlorobenzene	94		94		70-130	0		30
Trichlorofluoromethane	86		82		70-139	5		30
1,2-Dichloroethane	90		90		70-130	0		30
1,1,1-Trichloroethane	87		83		70-130	5		30
Bromodichloromethane	91		88		70-130	3		30
trans-1,3-Dichloropropene	82		84		70-130	2		30
cis-1,3-Dichloropropene	89		88		70-130	1		30
1,1-Dichloropropene	75		73		70-130	3		30
Bromoform	91		95		70-130	4		30
1,1,2,2-Tetrachloroethane	81		84		70-130	4		30
Benzene	89		85		70-130	5		30
Toluene	87		86		70-130	1		30
Ethylbenzene	89		88		70-130	1		30
Chloromethane	91		87		52-130	4		30
Bromomethane	86		80		57-147	7		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: SUN VALLEY SITE

Project Number: 12060 / PHASE 8

Lab Number: L2353853

Report Date: 09/21/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 06,08,10,12 Batch: WG1829203-3 WG1829203-4								
Vinyl chloride	79		75		67-130	5		30
Chloroethane	76		73		50-151	4		30
1,1-Dichloroethene	74		71		65-135	4		30
trans-1,2-Dichloroethene	77		73		70-130	5		30
Trichloroethene	97		93		70-130	4		30
1,2-Dichlorobenzene	91		90		70-130	1		30
1,3-Dichlorobenzene	91		88		70-130	3		30
1,4-Dichlorobenzene	91		90		70-130	1		30
Methyl tert butyl ether	77		77		66-130	0		30
p/m-Xylene	91		90		70-130	1		30
o-Xylene	93		92		70-130	1		30
cis-1,2-Dichloroethene	86		83		70-130	4		30
Dibromomethane	88		89		70-130	1		30
Styrene	96		95		70-130	1		30
Dichlorodifluoromethane	74		70		30-146	6		30
Acetone	86		94		54-140	9		30
Carbon disulfide	75		71		59-130	5		30
2-Butanone	82		91		70-130	10		30
Vinyl acetate	77		80		70-130	4		30
4-Methyl-2-pentanone	86		95		70-130	10		30
1,2,3-Trichloropropane	87		91		68-130	4		30
2-Hexanone	84		92		70-130	9		30
Bromochloromethane	90		89		70-130	1		30

Lab Control Sample Analysis **Batch Quality Control**

Project Name: SUN VALLEY SITE

Project Number: 12060 / PHASE 8

Lab Number: L2353853

Report Date: 09/21/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 06,08,10,12 Batch: WG1829203-3 WG1829203-4								
2,2-Dichloropropane	71		68	Q	70-130	4		30
1,2-Dibromoethane	94		98		70-130	4		30
1,3-Dichloropropane	92		94		69-130	2		30
1,1,1,2-Tetrachloroethane	96		95		70-130	1		30
Bromobenzene	91		89		70-130	2		30
n-Butylbenzene	88		86		70-130	2		30
sec-Butylbenzene	88		85		70-130	3		30
tert-Butylbenzene	87		85		70-130	2		30
o-Chlorotoluene	105		101		70-130	4		30
p-Chlorotoluene	87		84		70-130	4		30
1,2-Dibromo-3-chloropropane	79		88		68-130	11		30
Hexachlorobutadiene	92		89		67-130	3		30
Isopropylbenzene	89		86		70-130	3		30
p-Isopropyltoluene	89		85		70-130	5		30
Naphthalene	90		93		70-130	3		30
Acrylonitrile	86		90		70-130	5		30
n-Propylbenzene	88		85		70-130	3		30
1,2,3-Trichlorobenzene	97		97		70-130	0		30
1,2,4-Trichlorobenzene	95		95		70-130	0		30
1,3,5-Trimethylbenzene	89		86		70-130	3		30
1,2,4-Trimethylbenzene	90		87		70-130	3		30
1,4-Dioxane	73		80		65-136	9		30
p-Diethylbenzene	91		88		70-130	3		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: SUN VALLEY SITE

Project Number: 12060 / PHASE 8

Lab Number: L2353853

Report Date: 09/21/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 06,08,10,12 Batch: WG1829203-3 WG1829203-4								
p-Ethyltoluene	90		86		70-130	5		30
1,2,4,5-Tetramethylbenzene	96		93		70-130	3		30
Ethyl ether	75		74		67-130	1		30
trans-1,4-Dichloro-2-butene	78		79		70-130	1		30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	96		97		70-130
Toluene-d8	96		97		70-130
4-Bromofluorobenzene	94		95		70-130
Dibromofluoromethane	95		97		70-130

Lab Control Sample Analysis

Batch Quality Control

Project Name: SUN VALLEY SITE

Project Number: 12060 / PHASE 8

Lab Number: L2353853

Report Date: 09/21/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 02 Batch: WG1829788-3 WG1829788-4								
Methylene chloride	83		79		70-130	5		30
1,1-Dichloroethane	81		78		70-130	4		30
Chloroform	88		85		70-130	3		30
Carbon tetrachloride	79		75		70-130	5		30
1,2-Dichloropropane	94		91		70-130	3		30
Dibromochloromethane	106		108		70-130	2		30
1,1,2-Trichloroethane	106		108		70-130	2		30
Tetrachloroethene	89		88		70-130	1		30
Chlorobenzene	99		97		70-130	2		30
Trichlorofluoromethane	76		72		70-139	5		30
1,2-Dichloroethane	94		93		70-130	1		30
1,1,1-Trichloroethane	81		78		70-130	4		30
Bromodichloromethane	98		96		70-130	2		30
trans-1,3-Dichloropropene	112		111		70-130	1		30
cis-1,3-Dichloropropene	90		89		70-130	1		30
1,1-Dichloropropene	83		80		70-130	4		30
Bromoform	97		97		70-130	0		30
1,1,2,2-Tetrachloroethane	105		106		70-130	1		30
Benzene	86		83		70-130	4		30
Toluene	92		90		70-130	2		30
Ethylbenzene	94		92		70-130	2		30
Chloromethane	72		67		52-130	7		30
Bromomethane	84		76		57-147	10		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: SUN VALLEY SITE

Project Number: 12060 / PHASE 8

Lab Number: L2353853

Report Date: 09/21/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 02 Batch: WG1829788-3 WG1829788-4								
Vinyl chloride	76		72		67-130	5		30
Chloroethane	78		72		50-151	8		30
1,1-Dichloroethene	79		75		65-135	5		30
trans-1,2-Dichloroethene	81		76		70-130	6		30
Trichloroethene	85		83		70-130	2		30
1,2-Dichlorobenzene	101		98		70-130	3		30
1,3-Dichlorobenzene	102		98		70-130	4		30
1,4-Dichlorobenzene	100		96		70-130	4		30
Methyl tert butyl ether	103		103		66-130	0		30
p/m-Xylene	95		93		70-130	2		30
o-Xylene	97		95		70-130	2		30
cis-1,2-Dichloroethene	87		84		70-130	4		30
Dibromomethane	97		96		70-130	1		30
Styrene	100		100		70-130	0		30
Dichlorodifluoromethane	82		77		30-146	6		30
Acetone	82		84		54-140	2		30
Carbon disulfide	74		70		59-130	6		30
2-Butanone	83		82		70-130	1		30
Vinyl acetate	86		82		70-130	5		30
4-Methyl-2-pentanone	99		103		70-130	4		30
1,2,3-Trichloropropane	100		102		68-130	2		30
2-Hexanone	91		96		70-130	5		30
Bromochloromethane	90		89		70-130	1		30

Lab Control Sample Analysis **Batch Quality Control**

Project Name: SUN VALLEY SITE

Project Number: 12060 / PHASE 8

Lab Number: L2353853

Report Date: 09/21/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 02 Batch: WG1829788-3 WG1829788-4								
2,2-Dichloropropane	83		78		70-130	6		30
1,2-Dibromoethane	100		102		70-130	2		30
1,3-Dichloropropane	106		107		69-130	1		30
1,1,1,2-Tetrachloroethane	102		102		70-130	0		30
Bromobenzene	101		98		70-130	3		30
n-Butylbenzene	99		93		70-130	6		30
sec-Butylbenzene	94		89		70-130	5		30
tert-Butylbenzene	94		89		70-130	5		30
o-Chlorotoluene	98		93		70-130	5		30
p-Chlorotoluene	100		96		70-130	4		30
1,2-Dibromo-3-chloropropane	85		86		68-130	1		30
Hexachlorobutadiene	91		87		67-130	4		30
Isopropylbenzene	95		91		70-130	4		30
p-Isopropyltoluene	97		93		70-130	4		30
Naphthalene	99		101		70-130	2		30
Acrylonitrile	93		94		70-130	1		30
n-Propylbenzene	97		92		70-130	5		30
1,2,3-Trichlorobenzene	102		101		70-130	1		30
1,2,4-Trichlorobenzene	106		102		70-130	4		30
1,3,5-Trimethylbenzene	97		92		70-130	5		30
1,2,4-Trimethylbenzene	99		96		70-130	3		30
1,4-Dioxane	72		74		65-136	3		30
p-Diethylbenzene	99		94		70-130	5		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: SUN VALLEY SITE

Project Number: 12060 / PHASE 8

Lab Number: L2353853

Report Date: 09/21/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 02 Batch: WG1829788-3 WG1829788-4								
p-Ethyltoluene	99		94		70-130	5		30
1,2,4,5-Tetramethylbenzene	103		99		70-130	4		30
Ethyl ether	95		92		67-130	3		30
trans-1,4-Dichloro-2-butene	124		124		70-130	0		30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	87		89		70-130
Toluene-d8	99		101		70-130
4-Bromofluorobenzene	104		104		70-130
Dibromofluoromethane	91		91		70-130

Lab Control Sample Analysis **Batch Quality Control**

Project Name: SUN VALLEY SITE

Project Number: 12060 / PHASE 8

Lab Number: L2353853

Report Date: 09/21/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 04 Batch: WG1829798-3 WG1829798-4								
Methylene chloride	60	Q	59	Q	70-130	2		30
1,1-Dichloroethane	94		95		70-130	1		30
Chloroform	92		91		70-130	1		30
Carbon tetrachloride	96		94		70-130	2		30
1,2-Dichloropropane	96		96		70-130	0		30
Dibromochloromethane	112		114		70-130	2		30
1,1,2-Trichloroethane	102		102		70-130	0		30
Tetrachloroethene	87		86		70-130	1		30
Chlorobenzene	95		96		70-130	1		30
Trichlorofluoromethane	94		92		70-139	2		30
1,2-Dichloroethane	98		98		70-130	0		30
1,1,1-Trichloroethane	93		92		70-130	1		30
Bromodichloromethane	98		98		70-130	0		30
trans-1,3-Dichloropropene	104		105		70-130	1		30
cis-1,3-Dichloropropene	97		97		70-130	0		30
1,1-Dichloropropene	76		75		70-130	1		30
Bromoform	114		113		70-130	1		30
1,1,2,2-Tetrachloroethane	97		96		70-130	1		30
Benzene	90		89		70-130	1		30
Toluene	92		93		70-130	1		30
Ethylbenzene	91		90		70-130	1		30
Chloromethane	106		102		52-130	4		30
Bromomethane	72		71		57-147	1		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: SUN VALLEY SITE

Project Number: 12060 / PHASE 8

Lab Number: L2353853

Report Date: 09/21/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 04 Batch: WG1829798-3 WG1829798-4								
Vinyl chloride	82		80		67-130	2		30
Chloroethane	81		79		50-151	3		30
1,1-Dichloroethene	75		73		65-135	3		30
trans-1,2-Dichloroethene	67	Q	67	Q	70-130	0		30
Trichloroethene	95		95		70-130	0		30
1,2-Dichlorobenzene	96		96		70-130	0		30
1,3-Dichlorobenzene	95		96		70-130	1		30
1,4-Dichlorobenzene	96		96		70-130	0		30
Methyl tert butyl ether	79		80		66-130	1		30
p/m-Xylene	94		94		70-130	0		30
o-Xylene	96		96		70-130	0		30
cis-1,2-Dichloroethene	87		88		70-130	1		30
Dibromomethane	94		94		70-130	0		30
Styrene	97		97		70-130	0		30
Dichlorodifluoromethane	102		99		30-146	3		30
Acetone	97		94		54-140	3		30
Carbon disulfide	73		71		59-130	3		30
2-Butanone	112		109		70-130	3		30
Vinyl acetate	107		101		70-130	6		30
4-Methyl-2-pentanone	105		107		70-130	2		30
1,2,3-Trichloropropane	96		97		68-130	1		30
2-Hexanone	106		108		70-130	2		30
Bromochloromethane	96		96		70-130	0		30

Lab Control Sample Analysis Batch Quality Control

Project Name: SUN VALLEY SITE

Project Number: 12060 / PHASE 8

Lab Number: L2353853

Report Date: 09/21/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 04 Batch: WG1829798-3 WG1829798-4								
2,2-Dichloropropane	95		94		70-130	1		30
1,2-Dibromoethane	101		101		70-130	0		30
1,3-Dichloropropane	98		98		69-130	0		30
1,1,1,2-Tetrachloroethane	111		112		70-130	1		30
Bromobenzene	94		95		70-130	1		30
n-Butylbenzene	91		91		70-130	0		30
sec-Butylbenzene	88		88		70-130	0		30
tert-Butylbenzene	87		88		70-130	1		30
o-Chlorotoluene	90		90		70-130	0		30
p-Chlorotoluene	91		92		70-130	1		30
1,2-Dibromo-3-chloropropane	98		98		68-130	0		30
Hexachlorobutadiene	89		89		67-130	0		30
Isopropylbenzene	87		88		70-130	1		30
p-Isopropyltoluene	89		89		70-130	0		30
Naphthalene	92		93		70-130	1		30
Acrylonitrile	114		116		70-130	2		30
n-Propylbenzene	90		90		70-130	0		30
1,2,3-Trichlorobenzene	97		98		70-130	1		30
1,2,4-Trichlorobenzene	96		97		70-130	1		30
1,3,5-Trimethylbenzene	91		91		70-130	0		30
1,2,4-Trimethylbenzene	91		91		70-130	0		30
1,4-Dioxane	88		88		65-136	0		30
p-Diethylbenzene	90		90		70-130	0		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: SUN VALLEY SITE
Project Number: 12060 / PHASE 8

Lab Number: L2353853
Report Date: 09/21/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 04 Batch: WG1829798-3 WG1829798-4								
p-Ethyltoluene	90		90		70-130	0		30
1,2,4,5-Tetramethylbenzene	90		90		70-130	0		30
Ethyl ether	79		79		67-130	0		30
trans-1,4-Dichloro-2-butene	119		119		70-130	0		30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	106		104		70-130
Toluene-d8	102		104		70-130
4-Bromofluorobenzene	93		94		70-130
Dibromofluoromethane	99		98		70-130

SEMIVOLATILES

Project Name: SUN VALLEY SITE
Project Number: 12060 / PHASE 8

Lab Number: L2353853
Report Date: 09/21/23

SAMPLE RESULTS

Lab ID: L2353853-01
Client ID: COMP_D1(0-7)
Sample Location: OSSINING, NY

Date Collected: 09/14/23 09:50
Date Received: 09/14/23
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 09/18/23 16:38
Analyst: IM
Percent Solids: 91%

Extraction Method: EPA 3546
Extraction Date: 09/16/23 01:26

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	140	19.	1
1,2,4-Trichlorobenzene	ND		ug/kg	180	21.	1
Hexachlorobenzene	ND		ug/kg	110	20.	1
Bis(2-chloroethyl)ether	ND		ug/kg	160	25.	1
2-Chloronaphthalene	ND		ug/kg	180	18.	1
1,2-Dichlorobenzene	ND		ug/kg	180	33.	1
1,3-Dichlorobenzene	ND		ug/kg	180	31.	1
1,4-Dichlorobenzene	ND		ug/kg	180	32.	1
3,3'-Dichlorobenzidine	ND		ug/kg	180	48.	1
2,4-Dinitrotoluene	ND		ug/kg	180	36.	1
2,6-Dinitrotoluene	ND		ug/kg	180	31.	1
Fluoranthene	ND		ug/kg	110	21.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	180	19.	1
4-Bromophenyl phenyl ether	ND		ug/kg	180	28.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	220	31.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	200	18.	1
Hexachlorobutadiene	ND		ug/kg	180	26.	1
Hexachlorocyclopentadiene	ND		ug/kg	520	160	1
Hexachloroethane	ND		ug/kg	140	29.	1
Isophorone	ND		ug/kg	160	24.	1
Naphthalene	ND		ug/kg	180	22.	1
Nitrobenzene	ND		ug/kg	160	27.	1
NDPA/DPA	ND		ug/kg	140	21.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	180	28.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	180	63.	1
Butyl benzyl phthalate	ND		ug/kg	180	46.	1
Di-n-butylphthalate	ND		ug/kg	180	34.	1
Di-n-octylphthalate	ND		ug/kg	180	62.	1

Project Name: SUN VALLEY SITE**Lab Number:** L2353853**Project Number:** 12060 / PHASE 8**Report Date:** 09/21/23**SAMPLE RESULTS**

Lab ID: L2353853-01
 Client ID: COMP_D1(0-7)
 Sample Location: OSSINING, NY

Date Collected: 09/14/23 09:50
 Date Received: 09/14/23
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Diethyl phthalate	ND		ug/kg	180	17.	1
Dimethyl phthalate	ND		ug/kg	180	38.	1
Benzo(a)anthracene	ND		ug/kg	110	20.	1
Benzo(a)pyrene	ND		ug/kg	140	44.	1
Benzo(b)fluoranthene	ND		ug/kg	110	30.	1
Benzo(k)fluoranthene	ND		ug/kg	110	29.	1
Chrysene	ND		ug/kg	110	19.	1
Acenaphthylene	ND		ug/kg	140	28.	1
Anthracene	ND		ug/kg	110	35.	1
Benzo(ghi)perylene	ND		ug/kg	140	21.	1
Fluorene	ND		ug/kg	180	18.	1
Phenanthrene	ND		ug/kg	110	22.	1
Dibenzo(a,h)anthracene	ND		ug/kg	110	21.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	140	25.	1
Pyrene	ND		ug/kg	110	18.	1
Biphenyl	ND		ug/kg	410	24.	1
4-Chloroaniline	ND		ug/kg	180	33.	1
2-Nitroaniline	ND		ug/kg	180	35.	1
3-Nitroaniline	ND		ug/kg	180	34.	1
4-Nitroaniline	ND		ug/kg	180	75.	1
Dibenzofuran	ND		ug/kg	180	17.	1
2-Methylnaphthalene	ND		ug/kg	220	22.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	180	19.	1
Acetophenone	ND		ug/kg	180	22.	1
2,4,6-Trichlorophenol	ND		ug/kg	110	34.	1
p-Chloro-m-cresol	ND		ug/kg	180	27.	1
2-Chlorophenol	ND		ug/kg	180	21.	1
2,4-Dichlorophenol	ND		ug/kg	160	29.	1
2,4-Dimethylphenol	ND		ug/kg	180	60.	1
2-Nitrophenol	ND		ug/kg	390	68.	1
4-Nitrophenol	ND		ug/kg	250	74.	1
2,4-Dinitrophenol	ND		ug/kg	870	85.	1
4,6-Dinitro-o-cresol	ND		ug/kg	470	87.	1
Pentachlorophenol	ND		ug/kg	140	40.	1
Phenol	ND		ug/kg	180	27.	1
2-Methylphenol	ND		ug/kg	180	28.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	260	28.	1

Project Name: SUN VALLEY SITE
Project Number: 12060 / PHASE 8

Lab Number: L2353853
Report Date: 09/21/23

SAMPLE RESULTS

Lab ID: L2353853-01
Client ID: COMP_D1(0-7)
Sample Location: OSSINING, NY

Date Collected: 09/14/23 09:50
Date Received: 09/14/23
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	180	35.	1
Benzoic Acid	ND		ug/kg	590	180	1
Benzyl Alcohol	ND		ug/kg	180	56.	1
Carbazole	ND		ug/kg	180	18.	1
1,4-Dioxane	ND		ug/kg	27	8.4	1

Tentatively Identified Compounds

Total TIC Compounds	170	J	ug/kg			1
Unknown Organic Acid	170	J	ug/kg			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	76		25-120
Phenol-d6	71		10-120
Nitrobenzene-d5	67		23-120
2-Fluorobiphenyl	73		30-120
2,4,6-Tribromophenol	85		10-136
4-Terphenyl-d14	73		18-120

Project Name: SUN VALLEY SITE
Project Number: 12060 / PHASE 8

Lab Number: L2353853
Report Date: 09/21/23

SAMPLE RESULTS

Lab ID: L2353853-03
Client ID: COMP_C2(0-7)
Sample Location: OSSINING, NY

Date Collected: 09/14/23 12:45
Date Received: 09/14/23
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 09/18/23 16:14
Analyst: IM
Percent Solids: 89%

Extraction Method: EPA 3546
Extraction Date: 09/16/23 01:26

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	210		ug/kg	140	19.	1
1,2,4-Trichlorobenzene	ND		ug/kg	180	21.	1
Hexachlorobenzene	ND		ug/kg	110	20.	1
Bis(2-chloroethyl)ether	ND		ug/kg	160	25.	1
2-Chloronaphthalene	ND		ug/kg	180	18.	1
1,2-Dichlorobenzene	ND		ug/kg	180	33.	1
1,3-Dichlorobenzene	ND		ug/kg	180	31.	1
1,4-Dichlorobenzene	ND		ug/kg	180	32.	1
3,3'-Dichlorobenzidine	ND		ug/kg	180	48.	1
2,4-Dinitrotoluene	ND		ug/kg	180	36.	1
2,6-Dinitrotoluene	ND		ug/kg	180	31.	1
Fluoranthene	710		ug/kg	110	21.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	180	19.	1
4-Bromophenyl phenyl ether	ND		ug/kg	180	28.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	220	31.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	200	18.	1
Hexachlorobutadiene	ND		ug/kg	180	27.	1
Hexachlorocyclopentadiene	ND		ug/kg	520	160	1
Hexachloroethane	ND		ug/kg	140	29.	1
Isophorone	ND		ug/kg	160	24.	1
Naphthalene	88	J	ug/kg	180	22.	1
Nitrobenzene	ND		ug/kg	160	27.	1
NDPA/DPA	ND		ug/kg	140	21.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	180	28.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	180	63.	1
Butyl benzyl phthalate	ND		ug/kg	180	46.	1
Di-n-butylphthalate	ND		ug/kg	180	34.	1
Di-n-octylphthalate	ND		ug/kg	180	62.	1

Project Name: SUN VALLEY SITE

Lab Number: L2353853

Project Number: 12060 / PHASE 8

Report Date: 09/21/23

SAMPLE RESULTS

Lab ID: L2353853-03

Date Collected: 09/14/23 12:45

Client ID: COMP_C2(0-7)

Date Received: 09/14/23

Sample Location: OSSINING, NY

Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Diethyl phthalate	ND		ug/kg	180	17.	1
Dimethyl phthalate	ND		ug/kg	180	38.	1
Benzo(a)anthracene	300		ug/kg	110	20.	1
Benzo(a)pyrene	350		ug/kg	140	44.	1
Benzo(b)fluoranthene	390		ug/kg	110	31.	1
Benzo(k)fluoranthene	130		ug/kg	110	29.	1
Chrysene	300		ug/kg	110	19.	1
Acenaphthylene	ND		ug/kg	140	28.	1
Anthracene	220		ug/kg	110	36.	1
Benzo(ghi)perylene	170		ug/kg	140	21.	1
Fluorene	140	J	ug/kg	180	18.	1
Phenanthrene	730		ug/kg	110	22.	1
Dibenzo(a,h)anthracene	39	J	ug/kg	110	21.	1
Indeno(1,2,3-cd)pyrene	190		ug/kg	140	25.	1
Pyrene	590		ug/kg	110	18.	1
Biphenyl	ND		ug/kg	420	24.	1
4-Chloroaniline	ND		ug/kg	180	33.	1
2-Nitroaniline	ND		ug/kg	180	35.	1
3-Nitroaniline	ND		ug/kg	180	34.	1
4-Nitroaniline	ND		ug/kg	180	75.	1
Dibenzofuran	86	J	ug/kg	180	17.	1
2-Methylnaphthalene	29	J	ug/kg	220	22.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	180	19.	1
Acetophenone	ND		ug/kg	180	22.	1
2,4,6-Trichlorophenol	ND		ug/kg	110	34.	1
p-Chloro-m-cresol	ND		ug/kg	180	27.	1
2-Chlorophenol	ND		ug/kg	180	22.	1
2,4-Dichlorophenol	ND		ug/kg	160	29.	1
2,4-Dimethylphenol	ND		ug/kg	180	60.	1
2-Nitrophenol	ND		ug/kg	390	68.	1
4-Nitrophenol	ND		ug/kg	250	74.	1
2,4-Dinitrophenol	ND		ug/kg	870	85.	1
4,6-Dinitro-o-cresol	ND		ug/kg	470	87.	1
Pentachlorophenol	ND		ug/kg	140	40.	1
Phenol	ND		ug/kg	180	28.	1
2-Methylphenol	ND		ug/kg	180	28.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	260	28.	1

Project Name: SUN VALLEY SITE
Project Number: 12060 / PHASE 8

Lab Number: L2353853
Report Date: 09/21/23

SAMPLE RESULTS

Lab ID: L2353853-03
Client ID: COMP_C2(0-7)
Sample Location: OSSINING, NY

Date Collected: 09/14/23 12:45
Date Received: 09/14/23
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	180	35.	1
Benzoic Acid	ND		ug/kg	590	180	1
Benzyl Alcohol	ND		ug/kg	180	56.	1
Carbazole	120	J	ug/kg	180	18.	1
1,4-Dioxane	ND		ug/kg	27	8.4	1

Tentatively Identified Compounds

Total TIC Compounds	197	J	ug/kg	1
Unknown PAH	197	J	ug/kg	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	45		25-120
Phenol-d6	59		10-120
Nitrobenzene-d5	58		23-120
2-Fluorobiphenyl	65		30-120
2,4,6-Tribromophenol	45		10-136
4-Terphenyl-d14	64		18-120

Project Name: SUN VALLEY SITE
Project Number: 12060 / PHASE 8

Lab Number: L2353853
Report Date: 09/21/23

SAMPLE RESULTS

Lab ID: L2353853-05
Client ID: COMP_D1(7-15)
Sample Location: OSSINING, NY

Date Collected: 09/14/23 09:55
Date Received: 09/14/23
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 09/18/23 15:50
Analyst: IM
Percent Solids: 93%

Extraction Method: EPA 3546
Extraction Date: 09/16/23 01:26

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	140	18.	1
1,2,4-Trichlorobenzene	ND		ug/kg	170	20.	1
Hexachlorobenzene	ND		ug/kg	100	20.	1
Bis(2-chloroethyl)ether	ND		ug/kg	160	24.	1
2-Chloronaphthalene	ND		ug/kg	170	17.	1
1,2-Dichlorobenzene	ND		ug/kg	170	31.	1
1,3-Dichlorobenzene	ND		ug/kg	170	30.	1
1,4-Dichlorobenzene	ND		ug/kg	170	30.	1
3,3'-Dichlorobenzidine	ND		ug/kg	170	46.	1
2,4-Dinitrotoluene	ND		ug/kg	170	35.	1
2,6-Dinitrotoluene	ND		ug/kg	170	30.	1
Fluoranthene	ND		ug/kg	100	20.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	170	19.	1
4-Bromophenyl phenyl ether	ND		ug/kg	170	27.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	210	30.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	190	18.	1
Hexachlorobutadiene	ND		ug/kg	170	26.	1
Hexachlorocyclopentadiene	ND		ug/kg	500	160	1
Hexachloroethane	ND		ug/kg	140	28.	1
Isophorone	ND		ug/kg	160	23.	1
Naphthalene	ND		ug/kg	170	21.	1
Nitrobenzene	ND		ug/kg	160	26.	1
NDPA/DPA	ND		ug/kg	140	20.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	170	27.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	170	60.	1
Butyl benzyl phthalate	ND		ug/kg	170	44.	1
Di-n-butylphthalate	ND		ug/kg	170	33.	1
Di-n-octylphthalate	ND		ug/kg	170	59.	1

Project Name: SUN VALLEY SITE

Lab Number: L2353853

Project Number: 12060 / PHASE 8

Report Date: 09/21/23

SAMPLE RESULTS

Lab ID: L2353853-05
 Client ID: COMP_D1(7-15)
 Sample Location: OSSINING, NY

Date Collected: 09/14/23 09:55
 Date Received: 09/14/23
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Diethyl phthalate	ND		ug/kg	170	16.	1
Dimethyl phthalate	ND		ug/kg	170	37.	1
Benzo(a)anthracene	ND		ug/kg	100	20.	1
Benzo(a)pyrene	ND		ug/kg	140	43.	1
Benzo(b)fluoranthene	ND		ug/kg	100	29.	1
Benzo(k)fluoranthene	ND		ug/kg	100	28.	1
Chrysene	ND		ug/kg	100	18.	1
Acenaphthylene	ND		ug/kg	140	27.	1
Anthracene	ND		ug/kg	100	34.	1
Benzo(ghi)perylene	ND		ug/kg	140	20.	1
Fluorene	ND		ug/kg	170	17.	1
Phenanthrene	ND		ug/kg	100	21.	1
Dibenzo(a,h)anthracene	ND		ug/kg	100	20.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	140	24.	1
Pyrene	ND		ug/kg	100	17.	1
Biphenyl	ND		ug/kg	400	23.	1
4-Chloroaniline	ND		ug/kg	170	32.	1
2-Nitroaniline	ND		ug/kg	170	34.	1
3-Nitroaniline	ND		ug/kg	170	33.	1
4-Nitroaniline	ND		ug/kg	170	72.	1
Dibenzofuran	ND		ug/kg	170	16.	1
2-Methylnaphthalene	ND		ug/kg	210	21.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	170	18.	1
Acetophenone	ND		ug/kg	170	22.	1
2,4,6-Trichlorophenol	ND		ug/kg	100	33.	1
p-Chloro-m-cresol	ND		ug/kg	170	26.	1
2-Chlorophenol	ND		ug/kg	170	21.	1
2,4-Dichlorophenol	ND		ug/kg	160	28.	1
2,4-Dimethylphenol	ND		ug/kg	170	58.	1
2-Nitrophenol	ND		ug/kg	380	66.	1
4-Nitrophenol	ND		ug/kg	240	71.	1
2,4-Dinitrophenol	ND		ug/kg	840	82.	1
4,6-Dinitro-o-cresol	ND		ug/kg	450	84.	1
Pentachlorophenol	ND		ug/kg	140	38.	1
Phenol	ND		ug/kg	170	26.	1
2-Methylphenol	ND		ug/kg	170	27.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	250	27.	1

Project Name: SUN VALLEY SITE
Project Number: 12060 / PHASE 8

Lab Number: L2353853
Report Date: 09/21/23

SAMPLE RESULTS

Lab ID: L2353853-05
Client ID: COMP_D1(7-15)
Sample Location: OSSINING, NY

Date Collected: 09/14/23 09:55
Date Received: 09/14/23
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	170	34.	1
Benzoic Acid	ND		ug/kg	570	180	1
Benzyl Alcohol	ND		ug/kg	170	54.	1
Carbazole	ND		ug/kg	170	17.	1
1,4-Dioxane	ND		ug/kg	26	8.0	1

Tentatively Identified Compounds

Total TIC Compounds	171	J	ug/kg			1
Unknown Organic Acid	171	J	ug/kg			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	64		25-120
Phenol-d6	62		10-120
Nitrobenzene-d5	58		23-120
2-Fluorobiphenyl	62		30-120
2,4,6-Tribromophenol	70		10-136
4-Terphenyl-d14	64		18-120

Project Name: SUN VALLEY SITE
Project Number: 12060 / PHASE 8

Lab Number: L2353853
Report Date: 09/21/23

SAMPLE RESULTS

Lab ID: L2353853-07
Client ID: COMP_C2(7-17)
Sample Location: OSSINING, NY

Date Collected: 09/14/23 12:55
Date Received: 09/14/23
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 09/18/23 15:26
Analyst: IM
Percent Solids: 92%

Extraction Method: EPA 3546
Extraction Date: 09/16/23 01:26

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	140	18.	1
1,2,4-Trichlorobenzene	ND		ug/kg	180	20.	1
Hexachlorobenzene	ND		ug/kg	110	20.	1
Bis(2-chloroethyl)ether	ND		ug/kg	160	24.	1
2-Chloronaphthalene	ND		ug/kg	180	18.	1
1,2-Dichlorobenzene	ND		ug/kg	180	32.	1
1,3-Dichlorobenzene	ND		ug/kg	180	30.	1
1,4-Dichlorobenzene	ND		ug/kg	180	31.	1
3,3'-Dichlorobenzidine	ND		ug/kg	180	47.	1
2,4-Dinitrotoluene	ND		ug/kg	180	36.	1
2,6-Dinitrotoluene	ND		ug/kg	180	30.	1
Fluoranthene	ND		ug/kg	110	20.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	180	19.	1
4-Bromophenyl phenyl ether	ND		ug/kg	180	27.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	210	30.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	190	18.	1
Hexachlorobutadiene	ND		ug/kg	180	26.	1
Hexachlorocyclopentadiene	ND		ug/kg	510	160	1
Hexachloroethane	ND		ug/kg	140	29.	1
Isophorone	ND		ug/kg	160	23.	1
Naphthalene	ND		ug/kg	180	22.	1
Nitrobenzene	ND		ug/kg	160	26.	1
NDPA/DPA	ND		ug/kg	140	20.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	180	27.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	180	61.	1
Butyl benzyl phthalate	ND		ug/kg	180	45.	1
Di-n-butylphthalate	ND		ug/kg	180	34.	1
Di-n-octylphthalate	ND		ug/kg	180	60.	1

Project Name: SUN VALLEY SITE

Lab Number: L2353853

Project Number: 12060 / PHASE 8

Report Date: 09/21/23

SAMPLE RESULTS

Lab ID: L2353853-07
 Client ID: COMP_C2(7-17)
 Sample Location: OSSINING, NY

Date Collected: 09/14/23 12:55
 Date Received: 09/14/23
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Diethyl phthalate	ND		ug/kg	180	16.	1
Dimethyl phthalate	ND		ug/kg	180	37.	1
Benzo(a)anthracene	ND		ug/kg	110	20.	1
Benzo(a)pyrene	ND		ug/kg	140	43.	1
Benzo(b)fluoranthene	ND		ug/kg	110	30.	1
Benzo(k)fluoranthene	ND		ug/kg	110	28.	1
Chrysene	ND		ug/kg	110	18.	1
Acenaphthylene	ND		ug/kg	140	27.	1
Anthracene	ND		ug/kg	110	35.	1
Benzo(ghi)perylene	ND		ug/kg	140	21.	1
Fluorene	ND		ug/kg	180	17.	1
Phenanthrene	ND		ug/kg	110	22.	1
Dibenzo(a,h)anthracene	ND		ug/kg	110	20.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	140	25.	1
Pyrene	ND		ug/kg	110	18.	1
Biphenyl	ND		ug/kg	400	23.	1
4-Chloroaniline	ND		ug/kg	180	32.	1
2-Nitroaniline	ND		ug/kg	180	34.	1
3-Nitroaniline	ND		ug/kg	180	33.	1
4-Nitroaniline	ND		ug/kg	180	74.	1
Dibenzofuran	ND		ug/kg	180	17.	1
2-Methylnaphthalene	ND		ug/kg	210	21.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	180	18.	1
Acetophenone	ND		ug/kg	180	22.	1
2,4,6-Trichlorophenol	ND		ug/kg	110	34.	1
p-Chloro-m-cresol	ND		ug/kg	180	26.	1
2-Chlorophenol	ND		ug/kg	180	21.	1
2,4-Dichlorophenol	ND		ug/kg	160	28.	1
2,4-Dimethylphenol	ND		ug/kg	180	58.	1
2-Nitrophenol	ND		ug/kg	380	67.	1
4-Nitrophenol	ND		ug/kg	250	72.	1
2,4-Dinitrophenol	ND		ug/kg	850	83.	1
4,6-Dinitro-o-cresol	ND		ug/kg	460	85.	1
Pentachlorophenol	ND		ug/kg	140	39.	1
Phenol	ND		ug/kg	180	27.	1
2-Methylphenol	ND		ug/kg	180	28.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	260	28.	1

Project Name: SUN VALLEY SITE
Project Number: 12060 / PHASE 8

Lab Number: L2353853
Report Date: 09/21/23

SAMPLE RESULTS

Lab ID: L2353853-07
Client ID: COMP_C2(7-17)
Sample Location: OSSINING, NY

Date Collected: 09/14/23 12:55
Date Received: 09/14/23
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	180	34.	1
Benzoic Acid	ND		ug/kg	580	180	1
Benzyl Alcohol	ND		ug/kg	180	54.	1
Carbazole	ND		ug/kg	180	17.	1
1,4-Dioxane	ND		ug/kg	27	8.2	1

Tentatively Identified Compounds

No Tentatively Identified Compounds	ND	ug/kg	1
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Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	77		25-120
Phenol-d6	75		10-120
Nitrobenzene-d5	70		23-120
2-Fluorobiphenyl	80		30-120
2,4,6-Tribromophenol	86		10-136
4-Terphenyl-d14	79		18-120

Project Name: SUN VALLEY SITE
Project Number: 12060 / PHASE 8

Lab Number: L2353853
Report Date: 09/21/23

SAMPLE RESULTS

Lab ID: L2353853-09
Client ID: COMP_D2(0-7)
Sample Location: OSSINING, NY

Date Collected: 09/14/23 14:45
Date Received: 09/14/23
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 09/16/23 16:14
Analyst: CMM
Percent Solids: 91%

Extraction Method: EPA 3546
Extraction Date: 09/16/23 01:26

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	140	18.	1
1,2,4-Trichlorobenzene	ND		ug/kg	180	20.	1
Hexachlorobenzene	ND		ug/kg	110	20.	1
Bis(2-chloroethyl)ether	ND		ug/kg	160	24.	1
2-Chloronaphthalene	ND		ug/kg	180	18.	1
1,2-Dichlorobenzene	ND		ug/kg	180	32.	1
1,3-Dichlorobenzene	ND		ug/kg	180	31.	1
1,4-Dichlorobenzene	ND		ug/kg	180	31.	1
3,3'-Dichlorobenzidine	ND		ug/kg	180	48.	1
2,4-Dinitrotoluene	ND		ug/kg	180	36.	1
2,6-Dinitrotoluene	ND		ug/kg	180	31.	1
Fluoranthene	ND		ug/kg	110	20.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	180	19.	1
4-Bromophenyl phenyl ether	ND		ug/kg	180	27.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	210	30.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	190	18.	1
Hexachlorobutadiene	ND		ug/kg	180	26.	1
Hexachlorocyclopentadiene	ND		ug/kg	510	160	1
Hexachloroethane	ND		ug/kg	140	29.	1
Isophorone	ND		ug/kg	160	23.	1
Naphthalene	ND		ug/kg	180	22.	1
Nitrobenzene	ND		ug/kg	160	26.	1
NDPA/DPA	ND		ug/kg	140	20.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	180	28.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	180	62.	1
Butyl benzyl phthalate	ND		ug/kg	180	45.	1
Di-n-butylphthalate	ND		ug/kg	180	34.	1
Di-n-octylphthalate	ND		ug/kg	180	61.	1

Project Name: SUN VALLEY SITE**Lab Number:** L2353853**Project Number:** 12060 / PHASE 8**Report Date:** 09/21/23**SAMPLE RESULTS**

Lab ID: L2353853-09
 Client ID: COMP_D2(0-7)
 Sample Location: OSSINING, NY

Date Collected: 09/14/23 14:45
 Date Received: 09/14/23
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Diethyl phthalate	ND		ug/kg	180	16.	1
Dimethyl phthalate	ND		ug/kg	180	38.	1
Benzo(a)anthracene	ND		ug/kg	110	20.	1
Benzo(a)pyrene	ND		ug/kg	140	44.	1
Benzo(b)fluoranthene	ND		ug/kg	110	30.	1
Benzo(k)fluoranthene	ND		ug/kg	110	29.	1
Chrysene	ND		ug/kg	110	19.	1
Acenaphthylene	ND		ug/kg	140	28.	1
Anthracene	ND		ug/kg	110	35.	1
Benzo(ghi)perylene	ND		ug/kg	140	21.	1
Fluorene	ND		ug/kg	180	17.	1
Phenanthrene	ND		ug/kg	110	22.	1
Dibenzo(a,h)anthracene	ND		ug/kg	110	21.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	140	25.	1
Pyrene	ND		ug/kg	110	18.	1
Biphenyl	ND		ug/kg	410	23.	1
4-Chloroaniline	ND		ug/kg	180	32.	1
2-Nitroaniline	ND		ug/kg	180	34.	1
3-Nitroaniline	ND		ug/kg	180	34.	1
4-Nitroaniline	ND		ug/kg	180	74.	1
Dibenzofuran	ND		ug/kg	180	17.	1
2-Methylnaphthalene	ND		ug/kg	210	22.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	180	19.	1
Acetophenone	ND		ug/kg	180	22.	1
2,4,6-Trichlorophenol	ND		ug/kg	110	34.	1
p-Chloro-m-cresol	ND		ug/kg	180	27.	1
2-Chlorophenol	ND		ug/kg	180	21.	1
2,4-Dichlorophenol	ND		ug/kg	160	29.	1
2,4-Dimethylphenol	ND		ug/kg	180	59.	1
2-Nitrophenol	ND		ug/kg	390	67.	1
4-Nitrophenol	ND		ug/kg	250	73.	1
2,4-Dinitrophenol	ND		ug/kg	860	83.	1
4,6-Dinitro-o-cresol	ND		ug/kg	460	86.	1
Pentachlorophenol	ND		ug/kg	140	39.	1
Phenol	ND		ug/kg	180	27.	1
2-Methylphenol	ND		ug/kg	180	28.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	260	28.	1

Project Name: SUN VALLEY SITE
Project Number: 12060 / PHASE 8

Lab Number: L2353853
Report Date: 09/21/23

SAMPLE RESULTS

Lab ID: L2353853-09
Client ID: COMP_D2(0-7)
Sample Location: OSSINING, NY

Date Collected: 09/14/23 14:45
Date Received: 09/14/23
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	180	34.	1
Benzoic Acid	ND		ug/kg	580	180	1
Benzyl Alcohol	ND		ug/kg	180	55.	1
Carbazole	ND		ug/kg	180	17.	1
1,4-Dioxane	ND		ug/kg	27	8.2	1

Tentatively Identified Compounds

No Tentatively Identified Compounds	ND	ug/kg	1
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Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	67		25-120
Phenol-d6	67		10-120
Nitrobenzene-d5	68		23-120
2-Fluorobiphenyl	60		30-120
2,4,6-Tribromophenol	53		10-136
4-Terphenyl-d14	55		18-120

Project Name: SUN VALLEY SITE
Project Number: 12060 / PHASE 8

Lab Number: L2353853
Report Date: 09/21/23

SAMPLE RESULTS

Lab ID: L2353853-11
Client ID: COMP_D2(7-17)
Sample Location: OSSINING, NY

Date Collected: 09/14/23 14:55
Date Received: 09/14/23
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 09/16/23 16:37
Analyst: CMM
Percent Solids: 91%

Extraction Method: EPA 3546
Extraction Date: 09/16/23 01:26

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	140	19.	1
1,2,4-Trichlorobenzene	ND		ug/kg	180	21.	1
Hexachlorobenzene	ND		ug/kg	110	20.	1
Bis(2-chloroethyl)ether	ND		ug/kg	160	25.	1
2-Chloronaphthalene	ND		ug/kg	180	18.	1
1,2-Dichlorobenzene	ND		ug/kg	180	33.	1
1,3-Dichlorobenzene	ND		ug/kg	180	31.	1
1,4-Dichlorobenzene	ND		ug/kg	180	32.	1
3,3'-Dichlorobenzidine	ND		ug/kg	180	48.	1
2,4-Dinitrotoluene	ND		ug/kg	180	36.	1
2,6-Dinitrotoluene	ND		ug/kg	180	31.	1
Fluoranthene	ND		ug/kg	110	21.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	180	19.	1
4-Bromophenyl phenyl ether	ND		ug/kg	180	28.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	220	31.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	200	18.	1
Hexachlorobutadiene	ND		ug/kg	180	27.	1
Hexachlorocyclopentadiene	ND		ug/kg	520	160	1
Hexachloroethane	ND		ug/kg	140	29.	1
Isophorone	ND		ug/kg	160	24.	1
Naphthalene	ND		ug/kg	180	22.	1
Nitrobenzene	ND		ug/kg	160	27.	1
NDPA/DPA	ND		ug/kg	140	21.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	180	28.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	180	63.	1
Butyl benzyl phthalate	ND		ug/kg	180	46.	1
Di-n-butylphthalate	ND		ug/kg	180	34.	1
Di-n-octylphthalate	ND		ug/kg	180	62.	1

Project Name: SUN VALLEY SITE**Lab Number:** L2353853**Project Number:** 12060 / PHASE 8**Report Date:** 09/21/23**SAMPLE RESULTS**

Lab ID: L2353853-11
 Client ID: COMP_D2(7-17)
 Sample Location: OSSINING, NY

Date Collected: 09/14/23 14:55
 Date Received: 09/14/23
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Diethyl phthalate	ND		ug/kg	180	17.	1
Dimethyl phthalate	ND		ug/kg	180	38.	1
Benzo(a)anthracene	ND		ug/kg	110	20.	1
Benzo(a)pyrene	ND		ug/kg	140	44.	1
Benzo(b)fluoranthene	ND		ug/kg	110	31.	1
Benzo(k)fluoranthene	ND		ug/kg	110	29.	1
Chrysene	ND		ug/kg	110	19.	1
Acenaphthylene	ND		ug/kg	140	28.	1
Anthracene	ND		ug/kg	110	35.	1
Benzo(ghi)perylene	ND		ug/kg	140	21.	1
Fluorene	ND		ug/kg	180	18.	1
Phenanthrene	ND		ug/kg	110	22.	1
Dibenzo(a,h)anthracene	ND		ug/kg	110	21.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	140	25.	1
Pyrene	ND		ug/kg	110	18.	1
Biphenyl	ND		ug/kg	410	24.	1
4-Chloroaniline	ND		ug/kg	180	33.	1
2-Nitroaniline	ND		ug/kg	180	35.	1
3-Nitroaniline	ND		ug/kg	180	34.	1
4-Nitroaniline	ND		ug/kg	180	75.	1
Dibenzofuran	ND		ug/kg	180	17.	1
2-Methylnaphthalene	ND		ug/kg	220	22.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	180	19.	1
Acetophenone	ND		ug/kg	180	22.	1
2,4,6-Trichlorophenol	ND		ug/kg	110	34.	1
p-Chloro-m-cresol	ND		ug/kg	180	27.	1
2-Chlorophenol	ND		ug/kg	180	22.	1
2,4-Dichlorophenol	ND		ug/kg	160	29.	1
2,4-Dimethylphenol	ND		ug/kg	180	60.	1
2-Nitrophenol	ND		ug/kg	390	68.	1
4-Nitrophenol	ND		ug/kg	250	74.	1
2,4-Dinitrophenol	ND		ug/kg	870	85.	1
4,6-Dinitro-o-cresol	ND		ug/kg	470	87.	1
Pentachlorophenol	ND		ug/kg	140	40.	1
Phenol	ND		ug/kg	180	27.	1
2-Methylphenol	ND		ug/kg	180	28.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	260	28.	1

Project Name: SUN VALLEY SITE
Project Number: 12060 / PHASE 8

Lab Number: L2353853
Report Date: 09/21/23

SAMPLE RESULTS

Lab ID: L2353853-11
Client ID: COMP_D2(7-17)
Sample Location: OSSINING, NY

Date Collected: 09/14/23 14:55
Date Received: 09/14/23
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	180	35.	1
Benzoic Acid	ND		ug/kg	590	180	1
Benzyl Alcohol	ND		ug/kg	180	56.	1
Carbazole	ND		ug/kg	180	18.	1
1,4-Dioxane	ND		ug/kg	27	8.4	1

Tentatively Identified Compounds

Total TIC Compounds	2600	J	ug/kg			1
Unknown	240	J	ug/kg			1
Unknown	980	J	ug/kg			1
Unknown	230	J	ug/kg			1
Unknown	482	J	ug/kg			1
Unknown	447	J	ug/kg			1
Unknown Organic Acid	224	J	ug/kg			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	76		25-120
Phenol-d6	76		10-120
Nitrobenzene-d5	79		23-120
2-Fluorobiphenyl	69		30-120
2,4,6-Tribromophenol	60		10-136
4-Terphenyl-d14	63		18-120

Project Name: SUN VALLEY SITE
Project Number: 12060 / PHASE 8

Lab Number: L2353853
Report Date: 09/21/23

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 09/17/23 21:22
Analyst: CMM

Extraction Method: EPA 3546
Extraction Date: 09/16/23 01:26

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01,03,05,07,09,11 Batch: WG1828151-1					
Acenaphthene	ND		ug/kg	130	17.
1,2,4-Trichlorobenzene	ND		ug/kg	160	18.
Hexachlorobenzene	ND		ug/kg	97	18.
Bis(2-chloroethyl)ether	ND		ug/kg	140	22.
2-Chloronaphthalene	ND		ug/kg	160	16.
1,2-Dichlorobenzene	ND		ug/kg	160	29.
1,3-Dichlorobenzene	ND		ug/kg	160	28.
1,4-Dichlorobenzene	ND		ug/kg	160	28.
3,3'-Dichlorobenzidine	ND		ug/kg	160	43.
2,4-Dinitrotoluene	ND		ug/kg	160	32.
2,6-Dinitrotoluene	ND		ug/kg	160	28.
Fluoranthene	ND		ug/kg	97	18.
4-Chlorophenyl phenyl ether	ND		ug/kg	160	17.
4-Bromophenyl phenyl ether	ND		ug/kg	160	25.
Bis(2-chloroisopropyl)ether	ND		ug/kg	190	28.
Bis(2-chloroethoxy)methane	ND		ug/kg	170	16.
Hexachlorobutadiene	ND		ug/kg	160	24.
Hexachlorocyclopentadiene	ND		ug/kg	460	150
Hexachloroethane	ND		ug/kg	130	26.
Isophorone	ND		ug/kg	140	21.
Naphthalene	ND		ug/kg	160	20.
Nitrobenzene	ND		ug/kg	140	24.
NDPA/DPA	ND		ug/kg	130	18.
n-Nitrosodi-n-propylamine	ND		ug/kg	160	25.
Bis(2-ethylhexyl)phthalate	ND		ug/kg	160	56.
Butyl benzyl phthalate	ND		ug/kg	160	41.
Di-n-butylphthalate	ND		ug/kg	160	31.
Di-n-octylphthalate	ND		ug/kg	160	55.
Diethyl phthalate	ND		ug/kg	160	15.

Project Name: SUN VALLEY SITE
Project Number: 12060 / PHASE 8

Lab Number: L2353853
Report Date: 09/21/23

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 09/17/23 21:22
Analyst: CMM

Extraction Method: EPA 3546
Extraction Date: 09/16/23 01:26

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01,03,05,07,09,11 Batch: WG1828151-1					
Dimethyl phthalate	ND		ug/kg	160	34.
Benzo(a)anthracene	ND		ug/kg	97	18.
Benzo(a)pyrene	ND		ug/kg	130	40.
Benzo(b)fluoranthene	ND		ug/kg	97	27.
Benzo(k)fluoranthene	ND		ug/kg	97	26.
Chrysene	ND		ug/kg	97	17.
Acenaphthylene	ND		ug/kg	130	25.
Anthracene	ND		ug/kg	97	32.
Benzo(ghi)perylene	ND		ug/kg	130	19.
Fluorene	ND		ug/kg	160	16.
Phenanthrene	ND		ug/kg	97	20.
Dibenzo(a,h)anthracene	ND		ug/kg	97	19.
Indeno(1,2,3-cd)pyrene	ND		ug/kg	130	22.
Pyrene	ND		ug/kg	97	16.
Biphenyl	ND		ug/kg	370	21.
4-Chloroaniline	ND		ug/kg	160	29.
2-Nitroaniline	ND		ug/kg	160	31.
3-Nitroaniline	ND		ug/kg	160	30.
4-Nitroaniline	ND		ug/kg	160	67.
Dibenzofuran	ND		ug/kg	160	15.
2-Methylnaphthalene	ND		ug/kg	190	20.
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	160	17.
Acetophenone	ND		ug/kg	160	20.
2,4,6-Trichlorophenol	ND		ug/kg	97	31.
p-Chloro-m-cresol	ND		ug/kg	160	24.
2-Chlorophenol	ND		ug/kg	160	19.
2,4-Dichlorophenol	ND		ug/kg	140	26.
2,4-Dimethylphenol	ND		ug/kg	160	53.
2-Nitrophenol	ND		ug/kg	350	61.

Project Name: SUN VALLEY SITE
Project Number: 12060 / PHASE 8

Lab Number: L2353853
Report Date: 09/21/23

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 09/17/23 21:22
Analyst: CMM

Extraction Method: EPA 3546
Extraction Date: 09/16/23 01:26

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01,03,05,07,09,11 Batch: WG1828151-1					
4-Nitrophenol	ND		ug/kg	230	66.
2,4-Dinitrophenol	ND		ug/kg	780	75.
4,6-Dinitro-o-cresol	ND		ug/kg	420	78.
Pentachlorophenol	ND		ug/kg	130	36.
Phenol	ND		ug/kg	160	24.
2-Methylphenol	ND		ug/kg	160	25.
3-Methylphenol/4-Methylphenol	ND		ug/kg	230	25.
2,4,5-Trichlorophenol	ND		ug/kg	160	31.
Benzoic Acid	ND		ug/kg	520	160
Benzyl Alcohol	ND		ug/kg	160	50.
Carbazole	ND		ug/kg	160	16.
1,4-Dioxane	ND		ug/kg	24	7.4

Tentatively Identified Compounds

No Tentatively Identified Compounds ND ug/kg

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	108		25-120
Phenol-d6	103		10-120
Nitrobenzene-d5	93		23-120
2-Fluorobiphenyl	86		30-120
2,4,6-Tribromophenol	108		10-136
4-Terphenyl-d14	100		18-120

Lab Control Sample Analysis

Batch Quality Control

Project Name: SUN VALLEY SITE

Project Number: 12060 / PHASE 8

Lab Number: L2353853

Report Date: 09/21/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01,03,05,07,09,11 Batch: WG1828151-2 WG1828151-3								
Acenaphthene	47		47		31-137	0		50
1,2,4-Trichlorobenzene	51		49		38-107	4		50
Hexachlorobenzene	42		42		40-140	0		50
Bis(2-chloroethyl)ether	49		49		40-140	0		50
2-Chloronaphthalene	49		48		40-140	2		50
1,2-Dichlorobenzene	49		48		40-140	2		50
1,3-Dichlorobenzene	48		48		40-140	0		50
1,4-Dichlorobenzene	48		49		28-104	2		50
3,3'-Dichlorobenzidine	36	Q	35	Q	40-140	3		50
2,4-Dinitrotoluene	56		55		40-132	2		50
2,6-Dinitrotoluene	54		54		40-140	0		50
Fluoranthene	48		47		40-140	2		50
4-Chlorophenyl phenyl ether	46		46		40-140	0		50
4-Bromophenyl phenyl ether	45		44		40-140	2		50
Bis(2-chloroisopropyl)ether	42		40		40-140	5		50
Bis(2-chloroethoxy)methane	55		53		40-117	4		50
Hexachlorobutadiene	47		45		40-140	4		50
Hexachlorocyclopentadiene	47		46		40-140	2		50
Hexachloroethane	52		50		40-140	4		50
Isophorone	55		54		40-140	2		50
Naphthalene	48		47		40-140	2		50
Nitrobenzene	55		54		40-140	2		50
NDPA/DPA	50		48		36-157	4		50

Lab Control Sample Analysis

Batch Quality Control

Project Name: SUN VALLEY SITE

Project Number: 12060 / PHASE 8

Lab Number: L2353853

Report Date: 09/21/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01,03,05,07,09,11 Batch: WG1828151-2 WG1828151-3								
n-Nitrosodi-n-propylamine	56		54		32-121	4		50
Bis(2-ethylhexyl)phthalate	55		54		40-140	2		50
Butyl benzyl phthalate	55		54		40-140	2		50
Di-n-butylphthalate	58		57		40-140	2		50
Di-n-octylphthalate	56		55		40-140	2		50
Diethyl phthalate	53		51		40-140	4		50
Dimethyl phthalate	52		49		40-140	6		50
Benzo(a)anthracene	48		47		40-140	2		50
Benzo(a)pyrene	52		49		40-140	6		50
Benzo(b)fluoranthene	47		44		40-140	7		50
Benzo(k)fluoranthene	45		45		40-140	0		50
Chrysene	45		44		40-140	2		50
Acenaphthylene	55		54		40-140	2		50
Anthracene	48		46		40-140	4		50
Benzo(ghi)perylene	46		45		40-140	2		50
Fluorene	49		48		40-140	2		50
Phenanthrene	46		45		40-140	2		50
Dibenzo(a,h)anthracene	46		45		40-140	2		50
Indeno(1,2,3-cd)pyrene	56		54		40-140	4		50
Pyrene	46		46		35-142	0		50
Biphenyl	51		50		37-127	2		50
4-Chloroaniline	42		40		40-140	5		50
2-Nitroaniline	59		56		47-134	5		50

Lab Control Sample Analysis **Batch Quality Control**

Project Name: SUN VALLEY SITE

Project Number: 12060 / PHASE 8

Lab Number: L2353853

Report Date: 09/21/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01,03,05,07,09,11 Batch: WG1828151-2 WG1828151-3								
3-Nitroaniline	47		45		26-129	4		50
4-Nitroaniline	53		51		41-125	4		50
Dibenzofuran	48		47		40-140	2		50
2-Methylnaphthalene	50		49		40-140	2		50
1,2,4,5-Tetrachlorobenzene	48		48		40-117	0		50
Acetophenone	54		52		14-144	4		50
2,4,6-Trichlorophenol	54		54		30-130	0		50
p-Chloro-m-cresol	56		53		26-103	6		50
2-Chlorophenol	54		54		25-102	0		50
2,4-Dichlorophenol	55		54		30-130	2		50
2,4-Dimethylphenol	48		47		30-130	2		50
2-Nitrophenol	66		63		30-130	5		50
4-Nitrophenol	57		56		11-114	2		50
2,4-Dinitrophenol	55		60		4-130	9		50
4,6-Dinitro-o-cresol	61		61		10-130	0		50
Pentachlorophenol	47		47		17-109	0		50
Phenol	53		52		26-90	2		50
2-Methylphenol	54		52		30-130.	4		50
3-Methylphenol/4-Methylphenol	55		55		30-130	0		50
2,4,5-Trichlorophenol	53		53		30-130	0		50
Benzoic Acid	29		42		10-110	37		50
Benzyl Alcohol	57		56		40-140	2		50
Carbazole	49	Q	48	Q	54-128	2		50

Lab Control Sample Analysis

Batch Quality Control

Project Name: SUN VALLEY SITE

Lab Number: L2353853

Project Number: 12060 / PHASE 8

Report Date: 09/21/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01,03,05,07,09,11 Batch: WG1828151-2 WG1828151-3								
1,4-Dioxane	39	Q	39	Q	40-140	0		50

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	55		51		25-120
Phenol-d6	54		50		10-120
Nitrobenzene-d5	58		54		23-120
2-Fluorobiphenyl	50		46		30-120
2,4,6-Tribromophenol	45		41		10-136
4-Terphenyl-d14	45		40		18-120

PETROLEUM HYDROCARBONS

Project Name: SUN VALLEY SITE
Project Number: 12060 / PHASE 8

Lab Number: L2353853
Report Date: 09/21/23

SAMPLE RESULTS

Lab ID: L2353853-01
 Client ID: COMP_D1(0-7)
 Sample Location: OSSINING, NY

Date Collected: 09/14/23 09:50
 Date Received: 09/14/23
 Field Prep: Not Specified

Sample Depth:
 Matrix: Soil
 Analytical Method: 103,NJDEP EPH
 Analytical Date: 09/16/23 13:53
 Analyst: SC
 Percent Solids: 91%

Extraction Method: EPA 3546
 Extraction Date: 09/15/23 21:45

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
NJ Extractable Petroleum Hydrocarbons (Total) - Westborough Lab						
Total EPH	ND		mg/kg	25.9	25.9	1
Surrogate	% Recovery		Qualifier	Acceptance Criteria		
Chloro-Octadecane	91			40-140		
o-Terphenyl	90			40-140		

Project Name: SUN VALLEY SITE
Project Number: 12060 / PHASE 8

Lab Number: L2353853
Report Date: 09/21/23

SAMPLE RESULTS

Lab ID: L2353853-03
Client ID: COMP_C2(0-7)
Sample Location: OSSINING, NY

Date Collected: 09/14/23 12:45
Date Received: 09/14/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 103,NJDEP EPH
Analytical Date: 09/16/23 13:18
Analyst: SC
Percent Solids: 89%

Extraction Method: EPA 3546
Extraction Date: 09/15/23 21:45

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
NJ Extractable Petroleum Hydrocarbons (Total) - Westborough Lab						
Total EPH	75.8		mg/kg	25.7	25.7	1
Surrogate	% Recovery		Qualifier	Acceptance Criteria		
Chloro-Octadecane	87			40-140		
o-Terphenyl	88			40-140		

Project Name: SUN VALLEY SITE
Project Number: 12060 / PHASE 8

Lab Number: L2353853
Report Date: 09/21/23

SAMPLE RESULTS

Lab ID: L2353853-05
 Client ID: COMP_D1(7-15)
 Sample Location: OSSINING, NY

Date Collected: 09/14/23 09:55
 Date Received: 09/14/23
 Field Prep: Not Specified

Sample Depth:
 Matrix: Soil
 Analytical Method: 103,NJDEP EPH
 Analytical Date: 09/16/23 15:42
 Analyst: SC
 Percent Solids: 93%

Extraction Method: EPA 3546
 Extraction Date: 09/15/23 21:45

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
NJ Extractable Petroleum Hydrocarbons (Total) - Westborough Lab						
Total EPH	29.7		mg/kg	25.1	25.1	1
Surrogate	% Recovery		Qualifier	Acceptance Criteria		
Chloro-Octadecane	79			40-140		
o-Terphenyl	79			40-140		

Project Name: SUN VALLEY SITE
Project Number: 12060 / PHASE 8

Lab Number: L2353853
Report Date: 09/21/23

SAMPLE RESULTS

Lab ID: L2353853-07
Client ID: COMP_C2(7-17)
Sample Location: OSSINING, NY

Date Collected: 09/14/23 12:55
Date Received: 09/14/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 103,NJDEP EPH
Analytical Date: 09/16/23 12:43
Analyst: SC
Percent Solids: 92%

Extraction Method: EPA 3546
Extraction Date: 09/15/23 21:45

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
NJ Extractable Petroleum Hydrocarbons (Total) - Westborough Lab						
Total EPH	ND		mg/kg	25.4	25.4	1
Surrogate	% Recovery		Qualifier	Acceptance Criteria		
Chloro-Octadecane	77			40-140		
o-Terphenyl	76			40-140		

Project Name: SUN VALLEY SITE
Project Number: 12060 / PHASE 8

Lab Number: L2353853
Report Date: 09/21/23

SAMPLE RESULTS

Lab ID: L2353853-09
 Client ID: COMP_D2(0-7)
 Sample Location: OSSINING, NY

Date Collected: 09/14/23 14:45
 Date Received: 09/14/23
 Field Prep: Not Specified

Sample Depth:
 Matrix: Soil
 Analytical Method: 103,NJDEP EPH
 Analytical Date: 09/16/23 11:32
 Analyst: SC
 Percent Solids: 91%

Extraction Method: EPA 3546
 Extraction Date: 09/15/23 21:45

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
NJ Extractable Petroleum Hydrocarbons (Total) - Westborough Lab						
Total EPH	ND		mg/kg	25.5	25.5	1
Surrogate	% Recovery		Qualifier	Acceptance Criteria		
Chloro-Octadecane	77			40-140		
o-Terphenyl	78			40-140		

Project Name: SUN VALLEY SITE
Project Number: 12060 / PHASE 8

Lab Number: L2353853
Report Date: 09/21/23

SAMPLE RESULTS

Lab ID: L2353853-11
Client ID: COMP_D2(7-17)
Sample Location: OSSINING, NY

Date Collected: 09/14/23 14:55
Date Received: 09/14/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 103,NJDEP EPH
Analytical Date: 09/16/23 12:08
Analyst: SC
Percent Solids: 91%

Extraction Method: EPA 3546
Extraction Date: 09/15/23 21:45

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
NJ Extractable Petroleum Hydrocarbons (Total) - Westborough Lab						
Total EPH	ND		mg/kg	25.7	25.7	1
Surrogate	% Recovery		Qualifier	Acceptance Criteria		
Chloro-Octadecane	87			40-140		
o-Terphenyl	88			40-140		

Project Name: SUN VALLEY SITE
Project Number: 12060 / PHASE 8

Lab Number: L2353853
Report Date: 09/21/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 103,NJDEP EPH
Analytical Date: 09/16/23 10:57
Analyst: SC

Extraction Method: EPA 3546
Extraction Date: 09/15/23 21:45

Parameter	Result	Qualifier	Units	RL	MDL
NJ Extractable Petroleum Hydrocarbons (Total) - Westborough Lab for sample(s): 01,03,05,07,09,11 Batch: WG1828132-1					
Total EPH	ND		mg/kg	23.7	23.7

Surrogate	%Recovery	Qualifier	Acceptance Criteria
Chloro-Octadecane	82		40-140
o-Terphenyl	83		40-140

Lab Control Sample Analysis **Batch Quality Control**

Project Name: SUN VALLEY SITE

Project Number: 12060 / PHASE 8

Lab Number: L2353853

Report Date: 09/21/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
NJ Extractable Petroleum Hydrocarbons (Total) - Westborough Lab Associated sample(s): 01,03,05,07,09,11 Batch: WG1828132-2 WG1828132-3								
Total EPH	103		105		40-140	2		25
Nonane (C9)	110		102		40-140	8		25
Decane (C10)	110		104		40-140	6		25
Dodecane (C12)	105		101		40-140	4		25
Tetradecane (C14)	98		97		40-140	1		25
Hexadecane (C16)	95		96		40-140	1		25
Octadecane (C18)	97		102		40-140	5		25
Eicosane (C20)	88		94		40-140	7		25
Heneicosane (C21)	91		97		40-140	6		25
Docosane (C22)	90		97		40-140	7		25
Tetracosane (C24)	90		97		40-140	7		25
Hexacosane (C26)	89		96		40-140	8		25
Octacosane (C28)	90		96		40-140	6		25
Triacontane (C30)	90		96		40-140	6		25
Dotriacontane (C32)	91		97		40-140	6		25
Tetratriacontane (C34)	90		94		40-140	4		25
Hexatriacontane (C36)	92		94		40-140	2		25
Octatriacontane (C38)	90		91		40-140	1		25
Tetracontane (C40)	91		92		40-140	1		25

Lab Control Sample Analysis

Batch Quality Control

Project Name: SUN VALLEY SITE

Project Number: 12060 / PHASE 8

Lab Number: L2353853

Report Date: 09/21/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
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NJ Extractable Petroleum Hydrocarbons (Total) - Westborough Lab Associated sample(s): 01,03,05,07,09,11 Batch: WG1828132-2 WG1828132-3

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
Chloro-Octadecane	81		85		40-140
o-Terphenyl	83		85		40-140

Matrix Spike Analysis

Batch Quality Control

Project Name: SUN VALLEY SITE

Project Number: 12060 / PHASE 8

Lab Number: L2353853

Report Date: 09/21/23

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
NJ Extractable Petroleum Hydrocarbons (Total) - Westborough Lab 01 Client ID: COMP_D1(0-7) Associated sample(s): 01,03,05,07,09,11 QC Batch ID: WG1828132-4 QC Sample: L2353853-												
Total EPH	ND	259	304	117		-	-		40-140	-		50
Nonane (C9)	ND	7.19	8.09	113		-	-		40-140	-		50
Decane (C10)	ND	7.19	8.13	113		-	-		40-140	-		50
Dodecane (C12)	ND	7.19	7.80	109		-	-		40-140	-		50
Tetradecane (C14)	ND	7.19	7.38	103		-	-		40-140	-		50
Hexadecane (C16)	ND	7.19	7.28	101		-	-		40-140	-		50
Octadecane (C18)	ND	7.19	7.61	106		-	-		40-140	-		50
Eicosane (C20)	ND	7.19	7.07	98		-	-		40-140	-		50
Heneicosane (C21)	ND	7.19	7.29	101		-	-		40-140	-		50
Docosane (C22)	ND	7.19	7.28	101		-	-		40-140	-		50
Tetracosane (C24)	ND	7.19	7.26	101		-	-		40-140	-		50
Hexacosane (C26)	ND	7.19	7.24	101		-	-		40-140	-		50
Octacosane (C28)	ND	7.19	7.28	101		-	-		40-140	-		50
triacontane (C30)	ND	7.19	7.28	101		-	-		40-140	-		50
Dotriacontane (C32)	ND	7.19	7.41	103		-	-		40-140	-		50
Tetratriacontane (C34)	ND	7.19	7.10	99		-	-		40-140	-		50
Hexatriacontane (C36)	ND	7.19	7.04	98		-	-		40-140	-		50
Octatriacontane (C38)	ND	7.19	6.76	94		-	-		40-140	-		50
Tetracontane (C40)	ND	7.19	6.85	95		-	-		40-140	-		50

Surrogate	MS % Recovery	MS Qualifier	MSD % Recovery	MSD Qualifier	Acceptance Criteria
Chloro-Octadecane	87				40-140

Matrix Spike Analysis**Batch Quality Control****Project Name:** SUN VALLEY SITE**Project Number:** 12060 / PHASE 8**Lab Number:** L2353853**Report Date:** 09/21/23

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
NJ Extractable Petroleum Hydrocarbons (Total) - Westborough Lab Associated sample(s): 01,03,05,07,09,11 QC Batch ID: WG1828132-4 QC Sample: L2353853-01 Client ID: COMP_D1(0-7)												

Surrogate	MS % Recovery	Qualifier	MSD % Recovery	Qualifier	Acceptance Criteria
o-Terphenyl	87				40-140

Lab Duplicate Analysis

Batch Quality Control

Project Name: SUN VALLEY SITE

Project Number: 12060 / PHASE 8

Lab Number: L2353853

Report Date: 09/21/23

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
NJ Extractable Petroleum Hydrocarbons (Total) - Westborough Lab Associated sample(s): 01,03,05,07,09,11 QC Batch ID: WG1828132-5 QC Sample: L2353853-01 Client ID: COMP_D1(0-7)						
Total EPH	ND	ND	mg/kg	NC		50

Surrogate	%Recovery	Qualifier	%Recovery	Qualifier	Acceptance Criteria
Chloro-Octadecane	91		92		40-140
o-Terphenyl	90		92		40-140

PCBS

Project Name: SUN VALLEY SITE
Project Number: 12060 / PHASE 8

Lab Number: L2353853
Report Date: 09/21/23

SAMPLE RESULTS

Lab ID: L2353853-01
Client ID: COMP_D1(0-7)
Sample Location: OSSINING, NY

Date Collected: 09/14/23 09:50
Date Received: 09/14/23
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 09/16/23 11:47
Analyst: AD
Percent Solids: 91%

Extraction Method: EPA 3546
Extraction Date: 09/16/23 00:24
Cleanup Method: EPA 3665A
Cleanup Date: 09/16/23
Cleanup Method: EPA 3660B
Cleanup Date: 09/16/23

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	52.2	4.64	1	A
Aroclor 1221	ND		ug/kg	52.2	5.23	1	A
Aroclor 1232	ND		ug/kg	52.2	11.1	1	A
Aroclor 1242	ND		ug/kg	52.2	7.04	1	A
Aroclor 1248	ND		ug/kg	52.2	7.83	1	A
Aroclor 1254	ND		ug/kg	52.2	5.71	1	A
Aroclor 1260	ND		ug/kg	52.2	9.65	1	A
Aroclor 1262	ND		ug/kg	52.2	6.63	1	A
Aroclor 1268	ND		ug/kg	52.2	5.41	1	A
PCBs, Total	ND		ug/kg	52.2	4.64	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	83		30-150	A
Decachlorobiphenyl	77		30-150	A
2,4,5,6-Tetrachloro-m-xylene	86		30-150	B
Decachlorobiphenyl	80		30-150	B

Project Name: SUN VALLEY SITE
Project Number: 12060 / PHASE 8

Lab Number: L2353853
Report Date: 09/21/23

SAMPLE RESULTS

Lab ID: L2353853-03
Client ID: COMP_C2(0-7)
Sample Location: OSSINING, NY

Date Collected: 09/14/23 12:45
Date Received: 09/14/23
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 09/16/23 09:43
Analyst: AD
Percent Solids: 89%

Extraction Method: EPA 3546
Extraction Date: 09/16/23 00:24
Cleanup Method: EPA 3665A
Cleanup Date: 09/16/23
Cleanup Method: EPA 3660B
Cleanup Date: 09/16/23

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	51.5	4.58	1	A
Aroclor 1221	ND		ug/kg	51.5	5.16	1	A
Aroclor 1232	ND		ug/kg	51.5	10.9	1	A
Aroclor 1242	ND		ug/kg	51.5	6.95	1	A
Aroclor 1248	ND		ug/kg	51.5	7.73	1	A
Aroclor 1254	ND		ug/kg	51.5	5.64	1	A
Aroclor 1260	ND		ug/kg	51.5	9.52	1	A
Aroclor 1262	ND		ug/kg	51.5	6.54	1	A
Aroclor 1268	ND		ug/kg	51.5	5.34	1	A
PCBs, Total	ND		ug/kg	51.5	4.58	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	86		30-150	A
Decachlorobiphenyl	83		30-150	A
2,4,5,6-Tetrachloro-m-xylene	90		30-150	B
Decachlorobiphenyl	116		30-150	B

Project Name: SUN VALLEY SITE
Project Number: 12060 / PHASE 8

Lab Number: L2353853
Report Date: 09/21/23

SAMPLE RESULTS

Lab ID: L2353853-05
Client ID: COMP_D1(7-15)
Sample Location: OSSINING, NY

Date Collected: 09/14/23 09:55
Date Received: 09/14/23
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 09/16/23 09:51
Analyst: AD
Percent Solids: 93%

Extraction Method: EPA 3546
Extraction Date: 09/16/23 00:24
Cleanup Method: EPA 3665A
Cleanup Date: 09/16/23
Cleanup Method: EPA 3660B
Cleanup Date: 09/16/23

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	51.6	4.58	1	A
Aroclor 1221	ND		ug/kg	51.6	5.17	1	A
Aroclor 1232	ND		ug/kg	51.6	10.9	1	A
Aroclor 1242	ND		ug/kg	51.6	6.96	1	A
Aroclor 1248	ND		ug/kg	51.6	7.74	1	A
Aroclor 1254	ND		ug/kg	51.6	5.64	1	A
Aroclor 1260	ND		ug/kg	51.6	9.54	1	A
Aroclor 1262	ND		ug/kg	51.6	6.55	1	A
Aroclor 1268	ND		ug/kg	51.6	5.35	1	A
PCBs, Total	ND		ug/kg	51.6	4.58	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	95		30-150	A
Decachlorobiphenyl	89		30-150	A
2,4,5,6-Tetrachloro-m-xylene	102		30-150	B
Decachlorobiphenyl	99		30-150	B

Project Name: SUN VALLEY SITE
Project Number: 12060 / PHASE 8

Lab Number: L2353853
Report Date: 09/21/23

SAMPLE RESULTS

Lab ID: L2353853-07
Client ID: COMP_C2(7-17)
Sample Location: OSSINING, NY

Date Collected: 09/14/23 12:55
Date Received: 09/14/23
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 09/16/23 09:59
Analyst: AD
Percent Solids: 92%

Extraction Method: EPA 3546
Extraction Date: 09/16/23 00:24
Cleanup Method: EPA 3665A
Cleanup Date: 09/16/23
Cleanup Method: EPA 3660B
Cleanup Date: 09/16/23

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	51.5	4.58	1	A
Aroclor 1221	ND		ug/kg	51.5	5.16	1	A
Aroclor 1232	ND		ug/kg	51.5	10.9	1	A
Aroclor 1242	ND		ug/kg	51.5	6.95	1	A
Aroclor 1248	ND		ug/kg	51.5	7.73	1	A
Aroclor 1254	ND		ug/kg	51.5	5.64	1	A
Aroclor 1260	ND		ug/kg	51.5	9.52	1	A
Aroclor 1262	ND		ug/kg	51.5	6.55	1	A
Aroclor 1268	ND		ug/kg	51.5	5.34	1	A
PCBs, Total	ND		ug/kg	51.5	4.58	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	95		30-150	A
Decachlorobiphenyl	92		30-150	A
2,4,5,6-Tetrachloro-m-xylene	100		30-150	B
Decachlorobiphenyl	101		30-150	B

Project Name: SUN VALLEY SITE
Project Number: 12060 / PHASE 8

Lab Number: L2353853
Report Date: 09/21/23

SAMPLE RESULTS

Lab ID: L2353853-09
Client ID: COMP_D2(0-7)
Sample Location: OSSINING, NY

Date Collected: 09/14/23 14:45
Date Received: 09/14/23
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 09/16/23 10:07
Analyst: AD
Percent Solids: 91%

Extraction Method: EPA 3546
Extraction Date: 09/16/23 00:24
Cleanup Method: EPA 3665A
Cleanup Date: 09/16/23
Cleanup Method: EPA 3660B
Cleanup Date: 09/16/23

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	50.6	4.50	1	A
Aroclor 1221	ND		ug/kg	50.6	5.07	1	A
Aroclor 1232	ND		ug/kg	50.6	10.7	1	A
Aroclor 1242	ND		ug/kg	50.6	6.82	1	A
Aroclor 1248	ND		ug/kg	50.6	7.59	1	A
Aroclor 1254	ND		ug/kg	50.6	5.54	1	A
Aroclor 1260	ND		ug/kg	50.6	9.35	1	A
Aroclor 1262	ND		ug/kg	50.6	6.43	1	A
Aroclor 1268	ND		ug/kg	50.6	5.24	1	A
PCBs, Total	ND		ug/kg	50.6	4.50	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	80		30-150	A
Decachlorobiphenyl	75		30-150	A
2,4,5,6-Tetrachloro-m-xylene	84		30-150	B
Decachlorobiphenyl	83		30-150	B

Project Name: SUN VALLEY SITE
Project Number: 12060 / PHASE 8

Lab Number: L2353853
Report Date: 09/21/23

SAMPLE RESULTS

Lab ID: L2353853-11
Client ID: COMP_D2(7-17)
Sample Location: OSSINING, NY

Date Collected: 09/14/23 14:55
Date Received: 09/14/23
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 09/16/23 10:15
Analyst: AD
Percent Solids: 91%

Extraction Method: EPA 3546
Extraction Date: 09/16/23 00:24
Cleanup Method: EPA 3665A
Cleanup Date: 09/16/23
Cleanup Method: EPA 3660B
Cleanup Date: 09/16/23

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	53.1	4.71	1	A
Aroclor 1221	ND		ug/kg	53.1	5.32	1	A
Aroclor 1232	ND		ug/kg	53.1	11.2	1	A
Aroclor 1242	ND		ug/kg	53.1	7.16	1	A
Aroclor 1248	ND		ug/kg	53.1	7.96	1	A
Aroclor 1254	ND		ug/kg	53.1	5.81	1	A
Aroclor 1260	ND		ug/kg	53.1	9.81	1	A
Aroclor 1262	ND		ug/kg	53.1	6.74	1	A
Aroclor 1268	ND		ug/kg	53.1	5.50	1	A
PCBs, Total	ND		ug/kg	53.1	4.71	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	85		30-150	A
Decachlorobiphenyl	85		30-150	A
2,4,5,6-Tetrachloro-m-xylene	89		30-150	B
Decachlorobiphenyl	92		30-150	B

Project Name: SUN VALLEY SITE
Project Number: 12060 / PHASE 8

Lab Number: L2353853
Report Date: 09/21/23

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8082A
Analytical Date: 09/16/23 11:56
Analyst: AD

Extraction Method: EPA 3546
Extraction Date: 09/16/23 00:24
Cleanup Method: EPA 3665A
Cleanup Date: 09/16/23
Cleanup Method: EPA 3660B
Cleanup Date: 09/16/23

Parameter	Result	Qualifier	Units	RL	MDL	Column
Polychlorinated Biphenyls by GC - Westborough Lab for sample(s): 01,03,05,07,09,11 Batch: WG1828150-1						
Aroclor 1016	ND		ug/kg	45.8	4.07	A
Aroclor 1221	ND		ug/kg	45.8	4.59	A
Aroclor 1232	ND		ug/kg	45.8	9.72	A
Aroclor 1242	ND		ug/kg	45.8	6.18	A
Aroclor 1248	ND		ug/kg	45.8	6.87	A
Aroclor 1254	ND		ug/kg	45.8	5.01	A
Aroclor 1260	ND		ug/kg	45.8	8.47	A
Aroclor 1262	ND		ug/kg	45.8	5.82	A
Aroclor 1268	ND		ug/kg	45.8	4.75	A
PCBs, Total	ND		ug/kg	45.8	4.07	A

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	82		30-150	A
Decachlorobiphenyl	76		30-150	A
2,4,5,6-Tetrachloro-m-xylene	85		30-150	B
Decachlorobiphenyl	77		30-150	B

Lab Control Sample Analysis Batch Quality Control

Project Name: SUN VALLEY SITE

Project Number: 12060 / PHASE 8

Lab Number: L2353853

Report Date: 09/21/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Polychlorinated Biphenyls by GC - Westborough Lab Associated sample(s): 01,03,05,07,09,11 Batch: WG1828150-2 WG1828150-3									
Aroclor 1016	84		88		40-140	5		50	A
Aroclor 1260	71		76		40-140	7		50	A

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	79		91		30-150	A
Decachlorobiphenyl	76		90		30-150	A
2,4,5,6-Tetrachloro-m-xylene	81		92		30-150	B
Decachlorobiphenyl	74		86		30-150	B

PESTICIDES

Project Name: SUN VALLEY SITE
Project Number: 12060 / PHASE 8

Lab Number: L2353853
Report Date: 09/21/23

SAMPLE RESULTS

Lab ID: L2353853-01
Client ID: COMP_D1(0-7)
Sample Location: OSSINING, NY

Date Collected: 09/14/23 09:50
Date Received: 09/14/23
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 09/18/23 11:53
Analyst: EJJ
Percent Solids: 91%

Extraction Method: EPA 3546
Extraction Date: 09/15/23 23:24
Cleanup Method: EPA 3620B
Cleanup Date: 09/16/23
Cleanup Method: EPA 3660B
Cleanup Date: 09/16/23

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.70	0.333	1	A
Lindane	ND		ug/kg	0.709	0.317	1	A
Alpha-BHC	ND		ug/kg	0.709	0.201	1	A
Beta-BHC	ND		ug/kg	1.70	0.645	1	A
Heptachlor	ND		ug/kg	0.850	0.381	1	A
Aldrin	ND		ug/kg	1.70	0.599	1	A
Heptachlor epoxide	ND		ug/kg	3.19	0.957	1	A
Endrin	ND		ug/kg	0.709	0.290	1	A
Endrin aldehyde	ND		ug/kg	2.12	0.744	1	A
Endrin ketone	ND		ug/kg	1.70	0.438	1	A
Dieldrin	ND		ug/kg	1.06	0.531	1	A
4,4'-DDE	ND		ug/kg	1.70	0.393	1	A
4,4'-DDD	ND		ug/kg	1.70	0.607	1	A
4,4'-DDT	ND		ug/kg	1.70	1.37	1	A
Endosulfan I	ND		ug/kg	1.70	0.402	1	A
Endosulfan II	ND		ug/kg	1.70	0.568	1	A
Endosulfan sulfate	ND		ug/kg	0.709	0.337	1	A
Methoxychlor	ND		ug/kg	3.19	0.992	1	A
Toxaphene	ND		ug/kg	31.9	8.93	1	A
cis-Chlordane	ND		ug/kg	2.12	0.592	1	A
trans-Chlordane	ND	IP	ug/kg	2.12	0.561	1	B
Chlordane	ND		ug/kg	14.2	5.63	1	A

Project Name: SUN VALLEY SITE
Project Number: 12060 / PHASE 8

Lab Number: L2353853
Report Date: 09/21/23

SAMPLE RESULTS

Lab ID: L2353853-01
Client ID: COMP_D1(0-7)
Sample Location: OSSINING, NY

Date Collected: 09/14/23 09:50
Date Received: 09/14/23
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	80		30-150	A
Decachlorobiphenyl	93		30-150	A
2,4,5,6-Tetrachloro-m-xylene	88		30-150	B
Decachlorobiphenyl	89		30-150	B

Project Name: SUN VALLEY SITE
Project Number: 12060 / PHASE 8

Lab Number: L2353853
Report Date: 09/21/23

SAMPLE RESULTS

Lab ID: L2353853-01
Client ID: COMP_D1(0-7)
Sample Location: OSSINING, NY

Date Collected: 09/14/23 09:50
Date Received: 09/14/23
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8151A
Analytical Date: 09/18/23 14:20
Analyst: MMG
Percent Solids: 91%
Methylation Date: 09/18/23 01:55

Extraction Method: EPA 8151A
Extraction Date: 09/15/23 15:46

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
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Chlorinated Herbicides by GC - Westborough Lab

2,4-D	ND		ug/kg	181	11.4	1	A
2,4,5-T	ND		ug/kg	181	5.61	1	A
2,4,5-TP (Silvex)	ND		ug/kg	181	4.81	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
DCAA	83		30-150	A
DCAA	89		30-150	B

Project Name: SUN VALLEY SITE
Project Number: 12060 / PHASE 8

Lab Number: L2353853
Report Date: 09/21/23

SAMPLE RESULTS

Lab ID: L2353853-03
Client ID: COMP_C2(0-7)
Sample Location: OSSINING, NY

Date Collected: 09/14/23 12:45
Date Received: 09/14/23
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 09/18/23 12:04
Analyst: EJL
Percent Solids: 89%

Extraction Method: EPA 3546
Extraction Date: 09/15/23 23:24
Cleanup Method: EPA 3620B
Cleanup Date: 09/16/23
Cleanup Method: EPA 3660B
Cleanup Date: 09/16/23

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.73	0.339	1	A
Lindane	ND		ug/kg	0.721	0.322	1	A
Alpha-BHC	ND		ug/kg	0.721	0.205	1	A
Beta-BHC	0.786	JIP	ug/kg	1.73	0.656	1	B
Heptachlor	ND		ug/kg	0.865	0.388	1	A
Aldrin	ND		ug/kg	1.73	0.609	1	A
Heptachlor epoxide	ND		ug/kg	3.24	0.973	1	A
Endrin	ND		ug/kg	0.721	0.296	1	A
Endrin aldehyde	ND		ug/kg	2.16	0.757	1	A
Endrin ketone	ND		ug/kg	1.73	0.445	1	A
Dieldrin	ND		ug/kg	1.08	0.541	1	A
4,4'-DDE	ND	IP	ug/kg	1.73	0.400	1	A
4,4'-DDD	ND		ug/kg	1.73	0.617	1	B
4,4'-DDT	ND		ug/kg	1.73	1.39	1	A
Endosulfan I	ND		ug/kg	1.73	0.409	1	A
Endosulfan II	ND		ug/kg	1.73	0.578	1	A
Endosulfan sulfate	ND		ug/kg	0.721	0.343	1	A
Methoxychlor	ND		ug/kg	3.24	1.01	1	A
Toxaphene	ND		ug/kg	32.4	9.08	1	A
cis-Chlordane	ND		ug/kg	2.16	0.603	1	A
trans-Chlordane	ND		ug/kg	2.16	0.571	1	A
Chlordane	ND		ug/kg	14.4	5.73	1	A

Project Name: SUN VALLEY SITE
Project Number: 12060 / PHASE 8

Lab Number: L2353853
Report Date: 09/21/23

SAMPLE RESULTS

Lab ID: L2353853-03
Client ID: COMP_C2(0-7)
Sample Location: OSSINING, NY

Date Collected: 09/14/23 12:45
Date Received: 09/14/23
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
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Organochlorine Pesticides by GC - Westborough Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	67		30-150	A
Decachlorobiphenyl	75		30-150	A
2,4,5,6-Tetrachloro-m-xylene	66		30-150	B
Decachlorobiphenyl	81		30-150	B

Project Name: SUN VALLEY SITE
Project Number: 12060 / PHASE 8

Lab Number: L2353853
Report Date: 09/21/23

SAMPLE RESULTS

Lab ID: L2353853-03
Client ID: COMP_C2(0-7)
Sample Location: OSSINING, NY

Date Collected: 09/14/23 12:45
Date Received: 09/14/23
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8151A
Analytical Date: 09/18/23 14:38
Analyst: MMG
Percent Solids: 89%
Methylation Date: 09/18/23 01:55

Extraction Method: EPA 8151A
Extraction Date: 09/15/23 15:46

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
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Chlorinated Herbicides by GC - Westborough Lab

2,4-D	ND		ug/kg	182	11.4	1	A
2,4,5-T	ND		ug/kg	182	5.64	1	A
2,4,5-TP (Silvex)	ND		ug/kg	182	4.84	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
DCAA	84		30-150	A
DCAA	97		30-150	B

Project Name: SUN VALLEY SITE
Project Number: 12060 / PHASE 8

Lab Number: L2353853
Report Date: 09/21/23

SAMPLE RESULTS

Lab ID: L2353853-05
Client ID: COMP_D1(7-15)
Sample Location: OSSINING, NY

Date Collected: 09/14/23 09:55
Date Received: 09/14/23
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 09/18/23 12:15
Analyst: EJJ
Percent Solids: 93%

Extraction Method: EPA 3546
Extraction Date: 09/15/23 23:24
Cleanup Method: EPA 3620B
Cleanup Date: 09/16/23
Cleanup Method: EPA 3660B
Cleanup Date: 09/16/23

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.63	0.320	1	A
Lindane	ND		ug/kg	0.681	0.304	1	A
Alpha-BHC	ND		ug/kg	0.681	0.193	1	A
Beta-BHC	ND		ug/kg	1.63	0.620	1	A
Heptachlor	ND		ug/kg	0.817	0.366	1	A
Aldrin	ND		ug/kg	1.63	0.575	1	A
Heptachlor epoxide	ND		ug/kg	3.06	0.919	1	A
Endrin	ND		ug/kg	0.681	0.279	1	A
Endrin aldehyde	ND		ug/kg	2.04	0.715	1	A
Endrin ketone	ND		ug/kg	1.63	0.421	1	A
Dieldrin	ND		ug/kg	1.02	0.511	1	A
4,4'-DDE	ND		ug/kg	1.63	0.378	1	A
4,4'-DDD	ND		ug/kg	1.63	0.583	1	A
4,4'-DDT	ND		ug/kg	1.63	1.31	1	A
Endosulfan I	ND		ug/kg	1.63	0.386	1	A
Endosulfan II	ND		ug/kg	1.63	0.546	1	A
Endosulfan sulfate	ND		ug/kg	0.681	0.324	1	A
Methoxychlor	ND		ug/kg	3.06	0.953	1	A
Toxaphene	ND		ug/kg	30.6	8.58	1	A
cis-Chlordane	ND		ug/kg	2.04	0.569	1	A
trans-Chlordane	ND		ug/kg	2.04	0.539	1	A
Chlordane	ND		ug/kg	13.6	5.41	1	A

Project Name: SUN VALLEY SITE
Project Number: 12060 / PHASE 8

Lab Number: L2353853
Report Date: 09/21/23

SAMPLE RESULTS

Lab ID: L2353853-05
Client ID: COMP_D1(7-15)
Sample Location: OSSINING, NY

Date Collected: 09/14/23 09:55
Date Received: 09/14/23
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	75		30-150	A
Decachlorobiphenyl	90		30-150	A
2,4,5,6-Tetrachloro-m-xylene	83		30-150	B
Decachlorobiphenyl	85		30-150	B

Project Name: SUN VALLEY SITE
Project Number: 12060 / PHASE 8

Lab Number: L2353853
Report Date: 09/21/23

SAMPLE RESULTS

Lab ID: L2353853-05
Client ID: COMP_D1(7-15)
Sample Location: OSSINING, NY

Date Collected: 09/14/23 09:55
Date Received: 09/14/23
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8151A
Analytical Date: 09/18/23 15:15
Analyst: MMG
Percent Solids: 93%
Methylation Date: 09/18/23 01:55

Extraction Method: EPA 8151A
Extraction Date: 09/15/23 15:46

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
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Chlorinated Herbicides by GC - Westborough Lab

2,4-D	ND		ug/kg	177	11.2	1	A
2,4,5-T	ND		ug/kg	177	5.49	1	A
2,4,5-TP (Silvex)	ND		ug/kg	177	4.71	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
DCAA	54		30-150	A
DCAA	72		30-150	B

Project Name: SUN VALLEY SITE
Project Number: 12060 / PHASE 8

Lab Number: L2353853
Report Date: 09/21/23

SAMPLE RESULTS

Lab ID: L2353853-07
Client ID: COMP_C2(7-17)
Sample Location: OSSINING, NY

Date Collected: 09/14/23 12:55
Date Received: 09/14/23
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 09/18/23 12:26
Analyst: EJJ
Percent Solids: 92%

Extraction Method: EPA 3546
Extraction Date: 09/15/23 23:24
Cleanup Method: EPA 3620B
Cleanup Date: 09/16/23
Cleanup Method: EPA 3660B
Cleanup Date: 09/16/23

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.66	0.325	1	A
Lindane	ND		ug/kg	0.691	0.309	1	A
Alpha-BHC	ND		ug/kg	0.691	0.196	1	A
Beta-BHC	ND		ug/kg	1.66	0.629	1	A
Heptachlor	ND		ug/kg	0.830	0.372	1	A
Aldrin	ND		ug/kg	1.66	0.584	1	A
Heptachlor epoxide	ND		ug/kg	3.11	0.933	1	A
Endrin	ND		ug/kg	0.691	0.283	1	A
Endrin aldehyde	ND		ug/kg	2.07	0.726	1	A
Endrin ketone	ND		ug/kg	1.66	0.427	1	A
Dieldrin	ND		ug/kg	1.04	0.518	1	A
4,4'-DDE	ND		ug/kg	1.66	0.384	1	A
4,4'-DDD	ND		ug/kg	1.66	0.592	1	A
4,4'-DDT	ND		ug/kg	1.66	1.33	1	A
Endosulfan I	ND		ug/kg	1.66	0.392	1	A
Endosulfan II	ND		ug/kg	1.66	0.554	1	A
Endosulfan sulfate	ND		ug/kg	0.691	0.329	1	A
Methoxychlor	ND		ug/kg	3.11	0.968	1	A
Toxaphene	ND		ug/kg	31.1	8.71	1	A
cis-Chlordane	ND		ug/kg	2.07	0.578	1	A
trans-Chlordane	ND	IP	ug/kg	2.07	0.548	1	B
Chlordane	ND		ug/kg	13.8	5.50	1	A

Project Name: SUN VALLEY SITE
Project Number: 12060 / PHASE 8

Lab Number: L2353853
Report Date: 09/21/23

SAMPLE RESULTS

Lab ID: L2353853-07
Client ID: COMP_C2(7-17)
Sample Location: OSSINING, NY

Date Collected: 09/14/23 12:55
Date Received: 09/14/23
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	73		30-150	A
Decachlorobiphenyl	88		30-150	A
2,4,5,6-Tetrachloro-m-xylene	80		30-150	B
Decachlorobiphenyl	83		30-150	B

Project Name: SUN VALLEY SITE
Project Number: 12060 / PHASE 8

Lab Number: L2353853
Report Date: 09/21/23

SAMPLE RESULTS

Lab ID: L2353853-07
Client ID: COMP_C2(7-17)
Sample Location: OSSINING, NY

Date Collected: 09/14/23 12:55
Date Received: 09/14/23
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8151A
Analytical Date: 09/18/23 15:33
Analyst: MMG
Percent Solids: 92%
Methylation Date: 09/18/23 01:55

Extraction Method: EPA 8151A
Extraction Date: 09/15/23 15:46

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
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Chlorinated Herbicides by GC - Westborough Lab

2,4-D	ND		ug/kg	179	11.3	1	A
2,4,5-T	ND		ug/kg	179	5.56	1	A
2,4,5-TP (Silvex)	ND		ug/kg	179	4.77	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
DCAA	79		30-150	A
DCAA	89		30-150	B

Project Name: SUN VALLEY SITE
Project Number: 12060 / PHASE 8

Lab Number: L2353853
Report Date: 09/21/23

SAMPLE RESULTS

Lab ID: L2353853-09
Client ID: COMP_D2(0-7)
Sample Location: OSSINING, NY

Date Collected: 09/14/23 14:45
Date Received: 09/14/23
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 09/18/23 12:37
Analyst: EJL
Percent Solids: 91%

Extraction Method: EPA 3546
Extraction Date: 09/15/23 23:24
Cleanup Method: EPA 3620B
Cleanup Date: 09/16/23
Cleanup Method: EPA 3660B
Cleanup Date: 09/16/23

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.66	0.326	1	A
Lindane	ND		ug/kg	0.694	0.310	1	A
Alpha-BHC	ND		ug/kg	0.694	0.197	1	A
Beta-BHC	ND		ug/kg	1.66	0.631	1	A
Heptachlor	ND		ug/kg	0.833	0.373	1	A
Aldrin	ND		ug/kg	1.66	0.586	1	A
Heptachlor epoxide	ND		ug/kg	3.12	0.937	1	A
Endrin	ND		ug/kg	0.694	0.284	1	A
Endrin aldehyde	ND		ug/kg	2.08	0.728	1	A
Endrin ketone	ND		ug/kg	1.66	0.429	1	A
Dieldrin	ND		ug/kg	1.04	0.520	1	A
4,4'-DDE	ND		ug/kg	1.66	0.385	1	A
4,4'-DDD	ND		ug/kg	1.66	0.594	1	A
4,4'-DDT	ND		ug/kg	1.66	1.34	1	A
Endosulfan I	ND		ug/kg	1.66	0.393	1	A
Endosulfan II	ND		ug/kg	1.66	0.556	1	A
Endosulfan sulfate	ND		ug/kg	0.694	0.330	1	A
Methoxychlor	ND		ug/kg	3.12	0.971	1	A
Toxaphene	ND		ug/kg	31.2	8.74	1	A
cis-Chlordane	ND		ug/kg	2.08	0.580	1	A
trans-Chlordane	ND	IP	ug/kg	2.08	0.550	1	B
Chlordane	ND		ug/kg	13.9	5.52	1	A

Project Name: SUN VALLEY SITE
Project Number: 12060 / PHASE 8

Lab Number: L2353853
Report Date: 09/21/23

SAMPLE RESULTS

Lab ID: L2353853-09
Client ID: COMP_D2(0-7)
Sample Location: OSSINING, NY

Date Collected: 09/14/23 14:45
Date Received: 09/14/23
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	75		30-150	A
Decachlorobiphenyl	92		30-150	A
2,4,5,6-Tetrachloro-m-xylene	83		30-150	B
Decachlorobiphenyl	88		30-150	B

Project Name: SUN VALLEY SITE
Project Number: 12060 / PHASE 8

Lab Number: L2353853
Report Date: 09/21/23

SAMPLE RESULTS

Lab ID: L2353853-09
Client ID: COMP_D2(0-7)
Sample Location: OSSINING, NY

Date Collected: 09/14/23 14:45
Date Received: 09/14/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8151A
Analytical Date: 09/18/23 15:51
Analyst: MMG
Percent Solids: 91%
Methylation Date: 09/18/23 01:55

Extraction Method: EPA 8151A
Extraction Date: 09/15/23 15:46

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Chlorinated Herbicides by GC - Westborough Lab							
2,4-D	ND		ug/kg	179	11.3	1	A
2,4,5-T	ND		ug/kg	179	5.54	1	A
2,4,5-TP (Silvex)	ND		ug/kg	179	4.76	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
DCAA	73		30-150	A
DCAA	80		30-150	B

Project Name: SUN VALLEY SITE
Project Number: 12060 / PHASE 8

Lab Number: L2353853
Report Date: 09/21/23

SAMPLE RESULTS

Lab ID: L2353853-11
Client ID: COMP_D2(7-17)
Sample Location: OSSINING, NY

Date Collected: 09/14/23 14:55
Date Received: 09/14/23
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 09/18/23 12:48
Analyst: EJJ
Percent Solids: 91%

Extraction Method: EPA 3546
Extraction Date: 09/15/23 23:24
Cleanup Method: EPA 3620B
Cleanup Date: 09/16/23
Cleanup Method: EPA 3660B
Cleanup Date: 09/16/23

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.69	0.332	1	A
Lindane	ND		ug/kg	0.705	0.315	1	A
Alpha-BHC	ND		ug/kg	0.705	0.200	1	A
Beta-BHC	ND		ug/kg	1.69	0.642	1	A
Heptachlor	ND		ug/kg	0.846	0.379	1	A
Aldrin	ND		ug/kg	1.69	0.596	1	A
Heptachlor epoxide	ND		ug/kg	3.17	0.952	1	A
Endrin	ND		ug/kg	0.705	0.289	1	A
Endrin aldehyde	ND		ug/kg	2.12	0.740	1	A
Endrin ketone	ND		ug/kg	1.69	0.436	1	A
Dieldrin	ND		ug/kg	1.06	0.529	1	A
4,4'-DDE	ND		ug/kg	1.69	0.391	1	A
4,4'-DDD	ND		ug/kg	1.69	0.604	1	A
4,4'-DDT	ND		ug/kg	1.69	1.36	1	A
Endosulfan I	ND		ug/kg	1.69	0.400	1	A
Endosulfan II	ND		ug/kg	1.69	0.566	1	A
Endosulfan sulfate	ND		ug/kg	0.705	0.336	1	A
Methoxychlor	ND		ug/kg	3.17	0.987	1	A
Toxaphene	ND		ug/kg	31.7	8.89	1	A
cis-Chlordane	ND		ug/kg	2.12	0.590	1	A
trans-Chlordane	ND	IP	ug/kg	2.12	0.559	1	B
Chlordane	ND		ug/kg	14.1	5.61	1	A

Project Name: SUN VALLEY SITE**Lab Number:** L2353853**Project Number:** 12060 / PHASE 8**Report Date:** 09/21/23**SAMPLE RESULTS**

Lab ID: L2353853-11

Date Collected: 09/14/23 14:55

Client ID: COMP_D2(7-17)

Date Received: 09/14/23

Sample Location: OSSINING, NY

Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	67		30-150	A
Decachlorobiphenyl	82		30-150	A
2,4,5,6-Tetrachloro-m-xylene	75		30-150	B
Decachlorobiphenyl	77		30-150	B

Project Name: SUN VALLEY SITE
Project Number: 12060 / PHASE 8

Lab Number: L2353853
Report Date: 09/21/23

SAMPLE RESULTS

Lab ID: L2353853-11
Client ID: COMP_D2(7-17)
Sample Location: OSSINING, NY

Date Collected: 09/14/23 14:55
Date Received: 09/14/23
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8151A
Analytical Date: 09/18/23 16:09
Analyst: MMG
Percent Solids: 91%
Methylation Date: 09/18/23 01:55

Extraction Method: EPA 8151A
Extraction Date: 09/15/23 15:46

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
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Chlorinated Herbicides by GC - Westborough Lab

2,4-D	ND		ug/kg	183	11.5	1	A
2,4,5-T	ND		ug/kg	183	5.66	1	A
2,4,5-TP (Silvex)	ND		ug/kg	183	4.86	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
DCAA	54		30-150	A
DCAA	101		30-150	B

Project Name: SUN VALLEY SITE
Project Number: 12060 / PHASE 8

Lab Number: L2353853
Report Date: 09/21/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8151A
Analytical Date: 09/18/23 10:59
Analyst: EJL

Extraction Method: EPA 8151A
Extraction Date: 09/15/23 15:46

Methylation Date: 09/17/23 16:54

Parameter	Result	Qualifier	Units	RL	MDL	Column
Chlorinated Herbicides by GC - Westborough Lab for sample(s): 01,03,05,07,09,11 Batch: WG1828064-1						
2,4-D	ND		ug/kg	162	10.2	A
2,4,5-T	ND		ug/kg	162	5.02	A
2,4,5-TP (Silvex)	ND		ug/kg	162	4.31	A

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
DCAA	89		30-150	A
DCAA	90		30-150	B

Project Name: SUN VALLEY SITE
Project Number: 12060 / PHASE 8

Lab Number: L2353853
Report Date: 09/21/23

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8081B
Analytical Date: 09/17/23 12:33
Analyst: MMG

Extraction Method: EPA 3546
Extraction Date: 09/15/23 18:52
Cleanup Method: EPA 3620B
Cleanup Date: 09/16/23
Cleanup Method: EPA 3660B
Cleanup Date: 09/16/23

Parameter	Result	Qualifier	Units	RL	MDL	Column
Organochlorine Pesticides by GC - Westborough Lab for sample(s): 01,03,05,07,09,11 Batch: WG1828108-1						
Delta-BHC	ND		ug/kg	1.57	0.308	A
Lindane	ND		ug/kg	0.656	0.293	A
Alpha-BHC	ND		ug/kg	0.656	0.186	A
Beta-BHC	ND		ug/kg	1.57	0.597	A
Heptachlor	ND		ug/kg	0.787	0.353	A
Aldrin	ND		ug/kg	1.57	0.554	A
Heptachlor epoxide	ND		ug/kg	2.95	0.886	A
Endrin	ND		ug/kg	0.656	0.269	A
Endrin aldehyde	ND		ug/kg	1.97	0.689	A
Endrin ketone	ND		ug/kg	1.57	0.406	A
Dieldrin	ND		ug/kg	0.984	0.492	A
4,4'-DDE	ND		ug/kg	1.57	0.364	A
4,4'-DDD	ND		ug/kg	1.57	0.562	A
4,4'-DDT	ND		ug/kg	1.57	1.27	A
Endosulfan I	ND		ug/kg	1.57	0.372	A
Endosulfan II	ND		ug/kg	1.57	0.526	A
Endosulfan sulfate	ND		ug/kg	0.656	0.312	A
Methoxychlor	ND		ug/kg	2.95	0.919	A
Toxaphene	ND		ug/kg	29.5	8.27	A
cis-Chlordane	ND		ug/kg	1.97	0.548	A
trans-Chlordane	ND		ug/kg	1.97	0.520	A
Chlordane	ND		ug/kg	13.1	5.22	A

Project Name: SUN VALLEY SITE
Project Number: 12060 / PHASE 8

Lab Number: L2353853
Report Date: 09/21/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8081B
 Analytical Date: 09/17/23 12:33
 Analyst: MMG

Extraction Method: EPA 3546
 Extraction Date: 09/15/23 18:52
 Cleanup Method: EPA 3620B
 Cleanup Date: 09/16/23
 Cleanup Method: EPA 3660B
 Cleanup Date: 09/16/23

Parameter	Result	Qualifier	Units	RL	MDL	Column
Organochlorine Pesticides by GC - Westborough Lab for sample(s): 01,03,05,07,09,11 Batch: WG1828108-1						

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	54		30-150	A
Decachlorobiphenyl	57		30-150	A
2,4,5,6-Tetrachloro-m-xylene	59		30-150	B
Decachlorobiphenyl	50		30-150	B

Lab Control Sample Analysis

Batch Quality Control

Project Name: SUN VALLEY SITE

Project Number: 12060 / PHASE 8

Lab Number: L2353853

Report Date: 09/21/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Chlorinated Herbicides by GC - Westborough Lab Associated sample(s): 01,03,05,07,09,11 Batch: WG1828064-2 WG1828064-3									
2,4-D	90		89		30-150	1		30	A
2,4,5-T	91		91		30-150	0		30	A
2,4,5-TP (Silvex)	87		88		30-150	1		30	A

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
DCAA	89		86		30-150	A
DCAA	89		91		30-150	B

Lab Control Sample Analysis Batch Quality Control

Project Name: SUN VALLEY SITE

Project Number: 12060 / PHASE 8

Lab Number: L2353853

Report Date: 09/21/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 01,03,05,07,09,11 Batch: WG1828108-2 WG1828108-3									
Delta-BHC	77		77		30-150	0		30	A
Lindane	71		70		30-150	1		30	A
Alpha-BHC	70		68		30-150	3		30	A
Beta-BHC	69		66		30-150	4		30	A
Heptachlor	69		69		30-150	0		30	A
Aldrin	69		69		30-150	0		30	A
Heptachlor epoxide	70		70		30-150	0		30	A
Endrin	71		72		30-150	1		30	A
Endrin aldehyde	51		52		30-150	2		30	A
Endrin ketone	75		77		30-150	3		30	A
Dieldrin	76		77		30-150	1		30	A
4,4'-DDE	71		72		30-150	1		30	A
4,4'-DDD	76		77		30-150	1		30	A
4,4'-DDT	76		76		30-150	0		30	A
Endosulfan I	68		68		30-150	0		30	A
Endosulfan II	70		71		30-150	1		30	A
Endosulfan sulfate	71		72		30-150	1		30	A
Methoxychlor	71		72		30-150	1		30	A
cis-Chlordane	67		66		30-150	2		30	A
trans-Chlordane	76		76		30-150	0		30	A

Lab Control Sample Analysis

Batch Quality Control

Project Name: SUN VALLEY SITE

Project Number: 12060 / PHASE 8

Lab Number: L2353853

Report Date: 09/21/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 01,03,05,07,09,11 Batch: WG1828108-2 WG1828108-3								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	60		60		30-150	A
Decachlorobiphenyl	64		68		30-150	A
2,4,5,6-Tetrachloro-m-xylene	67		66		30-150	B
Decachlorobiphenyl	58		62		30-150	B

METALS

Project Name: SUN VALLEY SITE**Lab Number:** L2353853**Project Number:** 12060 / PHASE 8**Report Date:** 09/21/23**SAMPLE RESULTS**

Lab ID: L2353853-01

Date Collected: 09/14/23 09:50

Client ID: COMP_D1(0-7)

Date Received: 09/14/23

Sample Location: OSSINING, NY

Field Prep: Not Specified

Sample Depth:

TCLP/SPLP Ext. Date: 09/15/23 16:50

Matrix: Soil

Percent Solids: 91%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
TCLP Metals by EPA 1311 - Mansfield Lab											
Arsenic, TCLP	0.0293	J	mg/l	1.00	0.0190	1	09/18/23 20:10	09/19/23 08:29	EPA 3015	1,6010D	DMB
Barium, TCLP	0.730		mg/l	0.500	0.0210	1	09/18/23 20:10	09/19/23 08:29	EPA 3015	1,6010D	DMB
Cadmium, TCLP	ND		mg/l	0.100	0.0100	1	09/18/23 20:10	09/19/23 08:29	EPA 3015	1,6010D	DMB
Chromium, TCLP	ND		mg/l	0.200	0.0210	1	09/18/23 20:10	09/19/23 08:29	EPA 3015	1,6010D	DMB
Lead, TCLP	ND		mg/l	0.500	0.0270	1	09/18/23 20:10	09/19/23 08:29	EPA 3015	1,6010D	DMB
Mercury, TCLP	ND		mg/l	0.0010	0.0005	1	09/18/23 16:47	09/19/23 09:23	EPA 7470A	1,7470A	GMG
Selenium, TCLP	ND		mg/l	0.500	0.0350	1	09/18/23 20:10	09/19/23 08:29	EPA 3015	1,6010D	DMB
Silver, TCLP	ND		mg/l	0.100	0.0280	1	09/18/23 20:10	09/19/23 08:29	EPA 3015	1,6010D	DMB



Project Name: SUN VALLEY SITE**Lab Number:** L2353853**Project Number:** 12060 / PHASE 8**Report Date:** 09/21/23**SAMPLE RESULTS**

Lab ID: L2353853-01

Date Collected: 09/14/23 09:50

Client ID: COMP_D1(0-7)

Date Received: 09/14/23

Sample Location: OSSINING, NY

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 91%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	12200		mg/kg	8.54	2.31	2	09/15/23 23:15	09/16/23 11:31	EPA 3050B	1,6010D	JMF
Antimony, Total	ND		mg/kg	4.27	0.325	2	09/15/23 23:15	09/16/23 11:31	EPA 3050B	1,6010D	JMF
Arsenic, Total	1.68		mg/kg	0.854	0.178	2	09/15/23 23:15	09/16/23 11:31	EPA 3050B	1,6010D	JMF
Barium, Total	133		mg/kg	0.854	0.149	2	09/15/23 23:15	09/16/23 11:31	EPA 3050B	1,6010D	JMF
Beryllium, Total	0.671		mg/kg	0.427	0.028	2	09/15/23 23:15	09/16/23 11:31	EPA 3050B	1,6010D	JMF
Cadmium, Total	0.140	J	mg/kg	0.854	0.084	2	09/15/23 23:15	09/16/23 11:31	EPA 3050B	1,6010D	JMF
Calcium, Total	3920		mg/kg	8.54	2.99	2	09/15/23 23:15	09/16/23 11:31	EPA 3050B	1,6010D	JMF
Chromium, Total	23.2		mg/kg	0.854	0.082	2	09/15/23 23:15	09/16/23 11:31	EPA 3050B	1,6010D	JMF
Cobalt, Total	8.44		mg/kg	1.71	0.142	2	09/15/23 23:15	09/16/23 11:31	EPA 3050B	1,6010D	JMF
Copper, Total	18.4		mg/kg	0.854	0.220	2	09/15/23 23:15	09/16/23 11:31	EPA 3050B	1,6010D	JMF
Iron, Total	19500		mg/kg	4.27	0.771	2	09/15/23 23:15	09/16/23 11:31	EPA 3050B	1,6010D	JMF
Lead, Total	8.52		mg/kg	4.27	0.229	2	09/15/23 23:15	09/16/23 11:31	EPA 3050B	1,6010D	JMF
Magnesium, Total	6350		mg/kg	8.54	1.32	2	09/15/23 23:15	09/16/23 11:31	EPA 3050B	1,6010D	JMF
Manganese, Total	324		mg/kg	0.854	0.136	2	09/15/23 23:15	09/16/23 11:31	EPA 3050B	1,6010D	JMF
Mercury, Total	ND		mg/kg	0.079	0.052	1	09/16/23 00:16	09/16/23 19:21	EPA 7471B	1,7471B	GMG
Nickel, Total	17.3		mg/kg	2.14	0.207	2	09/15/23 23:15	09/16/23 11:31	EPA 3050B	1,6010D	JMF
Potassium, Total	5560		mg/kg	214	12.3	2	09/15/23 23:15	09/16/23 11:31	EPA 3050B	1,6010D	JMF
Selenium, Total	0.231	J	mg/kg	1.71	0.220	2	09/15/23 23:15	09/16/23 11:31	EPA 3050B	1,6010D	JMF
Silver, Total	ND		mg/kg	0.427	0.242	2	09/15/23 23:15	09/16/23 11:31	EPA 3050B	1,6010D	JMF
Sodium, Total	282		mg/kg	171	2.69	2	09/15/23 23:15	09/16/23 11:31	EPA 3050B	1,6010D	JMF
Thallium, Total	2.07		mg/kg	1.71	0.269	2	09/15/23 23:15	09/16/23 11:31	EPA 3050B	1,6010D	JMF
Vanadium, Total	31.6		mg/kg	0.854	0.173	2	09/15/23 23:15	09/16/23 11:31	EPA 3050B	1,6010D	JMF
Zinc, Total	49.1		mg/kg	4.27	0.250	2	09/15/23 23:15	09/16/23 11:31	EPA 3050B	1,6010D	JMF



Project Name: SUN VALLEY SITE**Lab Number:** L2353853**Project Number:** 12060 / PHASE 8**Report Date:** 09/21/23**SAMPLE RESULTS**

Lab ID: L2353853-03

Date Collected: 09/14/23 12:45

Client ID: COMP_C2(0-7)

Date Received: 09/14/23

Sample Location: OSSINING, NY

Field Prep: Not Specified

Sample Depth:

TCLP/SPLP Ext. Date: 09/15/23 16:50

Matrix: Soil

Percent Solids: 89%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
TCLP Metals by EPA 1311 - Mansfield Lab											
Arsenic, TCLP	0.0233	J	mg/l	1.00	0.0190	1	09/18/23 20:10	09/19/23 08:33	EPA 3015	1,6010D	DMB
Barium, TCLP	0.917		mg/l	0.500	0.0210	1	09/18/23 20:10	09/19/23 08:33	EPA 3015	1,6010D	DMB
Cadmium, TCLP	ND		mg/l	0.100	0.0100	1	09/18/23 20:10	09/19/23 08:33	EPA 3015	1,6010D	DMB
Chromium, TCLP	ND		mg/l	0.200	0.0210	1	09/18/23 20:10	09/19/23 08:33	EPA 3015	1,6010D	DMB
Lead, TCLP	ND		mg/l	0.500	0.0270	1	09/18/23 20:10	09/19/23 08:33	EPA 3015	1,6010D	DMB
Mercury, TCLP	ND		mg/l	0.0010	0.0005	1	09/18/23 16:47	09/19/23 09:26	EPA 7470A	1,7470A	GMG
Selenium, TCLP	ND		mg/l	0.500	0.0350	1	09/18/23 20:10	09/19/23 08:33	EPA 3015	1,6010D	DMB
Silver, TCLP	ND		mg/l	0.100	0.0280	1	09/18/23 20:10	09/19/23 08:33	EPA 3015	1,6010D	DMB



Project Name: SUN VALLEY SITE**Lab Number:** L2353853**Project Number:** 12060 / PHASE 8**Report Date:** 09/21/23**SAMPLE RESULTS**

Lab ID: L2353853-03

Date Collected: 09/14/23 12:45

Client ID: COMP_C2(0-7)

Date Received: 09/14/23

Sample Location: OSSINING, NY

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 89%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	11000		mg/kg	8.86	2.39	2	09/15/23 23:15	09/16/23 11:34	EPA 3050B	1,6010D	JMF
Antimony, Total	0.380	J	mg/kg	4.43	0.337	2	09/15/23 23:15	09/16/23 11:34	EPA 3050B	1,6010D	JMF
Arsenic, Total	1.89		mg/kg	0.886	0.184	2	09/15/23 23:15	09/16/23 11:34	EPA 3050B	1,6010D	JMF
Barium, Total	129		mg/kg	0.886	0.154	2	09/15/23 23:15	09/16/23 11:34	EPA 3050B	1,6010D	JMF
Beryllium, Total	0.573		mg/kg	0.443	0.029	2	09/15/23 23:15	09/16/23 11:34	EPA 3050B	1,6010D	JMF
Cadmium, Total	0.166	J	mg/kg	0.886	0.087	2	09/15/23 23:15	09/16/23 11:34	EPA 3050B	1,6010D	JMF
Calcium, Total	16100		mg/kg	8.86	3.10	2	09/15/23 23:15	09/16/23 11:34	EPA 3050B	1,6010D	JMF
Chromium, Total	20.2		mg/kg	0.886	0.085	2	09/15/23 23:15	09/16/23 11:34	EPA 3050B	1,6010D	JMF
Cobalt, Total	7.75		mg/kg	1.77	0.147	2	09/15/23 23:15	09/16/23 11:34	EPA 3050B	1,6010D	JMF
Copper, Total	19.4		mg/kg	0.886	0.228	2	09/15/23 23:15	09/16/23 11:34	EPA 3050B	1,6010D	JMF
Iron, Total	18600		mg/kg	4.43	0.800	2	09/15/23 23:15	09/16/23 11:34	EPA 3050B	1,6010D	JMF
Lead, Total	6.22		mg/kg	4.43	0.237	2	09/15/23 23:15	09/16/23 11:34	EPA 3050B	1,6010D	JMF
Magnesium, Total	8050		mg/kg	8.86	1.36	2	09/15/23 23:15	09/16/23 11:34	EPA 3050B	1,6010D	JMF
Manganese, Total	297		mg/kg	0.886	0.141	2	09/15/23 23:15	09/16/23 11:34	EPA 3050B	1,6010D	JMF
Mercury, Total	ND		mg/kg	0.072	0.047	1	09/16/23 00:16	09/16/23 19:25	EPA 7471B	1,7471B	GMG
Nickel, Total	15.7		mg/kg	2.21	0.214	2	09/15/23 23:15	09/16/23 11:34	EPA 3050B	1,6010D	JMF
Potassium, Total	5090		mg/kg	221	12.8	2	09/15/23 23:15	09/16/23 11:34	EPA 3050B	1,6010D	JMF
Selenium, Total	ND		mg/kg	1.77	0.228	2	09/15/23 23:15	09/16/23 11:34	EPA 3050B	1,6010D	JMF
Silver, Total	ND		mg/kg	0.443	0.251	2	09/15/23 23:15	09/16/23 11:34	EPA 3050B	1,6010D	JMF
Sodium, Total	150	J	mg/kg	177	2.79	2	09/15/23 23:15	09/16/23 11:34	EPA 3050B	1,6010D	JMF
Thallium, Total	1.61	J	mg/kg	1.77	0.279	2	09/15/23 23:15	09/16/23 11:34	EPA 3050B	1,6010D	JMF
Vanadium, Total	26.8		mg/kg	0.886	0.180	2	09/15/23 23:15	09/16/23 11:34	EPA 3050B	1,6010D	JMF
Zinc, Total	42.1		mg/kg	4.43	0.260	2	09/15/23 23:15	09/16/23 11:34	EPA 3050B	1,6010D	JMF



Project Name: SUN VALLEY SITE**Lab Number:** L2353853**Project Number:** 12060 / PHASE 8**Report Date:** 09/21/23**SAMPLE RESULTS**

Lab ID: L2353853-05

Date Collected: 09/14/23 09:55

Client ID: COMP_D1(7-15)

Date Received: 09/14/23

Sample Location: OSSINING, NY

Field Prep: Not Specified

Sample Depth:

TCLP/SPLP Ext. Date: 09/15/23 16:50

Matrix: Soil

Percent Solids: 93%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
TCLP Metals by EPA 1311 - Mansfield Lab											
Arsenic, TCLP	0.0259	J	mg/l	1.00	0.0190	1	09/18/23 20:10	09/19/23 09:33	EPA 3015	1,6010D	DMB
Barium, TCLP	0.863		mg/l	0.500	0.0210	1	09/18/23 20:10	09/19/23 09:33	EPA 3015	1,6010D	DMB
Cadmium, TCLP	ND		mg/l	0.100	0.0100	1	09/18/23 20:10	09/19/23 09:33	EPA 3015	1,6010D	DMB
Chromium, TCLP	ND		mg/l	0.200	0.0210	1	09/18/23 20:10	09/19/23 09:33	EPA 3015	1,6010D	DMB
Lead, TCLP	ND		mg/l	0.500	0.0270	1	09/18/23 20:10	09/19/23 09:33	EPA 3015	1,6010D	DMB
Mercury, TCLP	ND		mg/l	0.0010	0.0005	1	09/18/23 16:47	09/19/23 09:30	EPA 7470A	1,7470A	GMG
Selenium, TCLP	ND		mg/l	0.500	0.0350	1	09/18/23 20:10	09/19/23 09:33	EPA 3015	1,6010D	DMB
Silver, TCLP	ND		mg/l	0.100	0.0280	1	09/18/23 20:10	09/19/23 09:33	EPA 3015	1,6010D	DMB



Project Name: SUN VALLEY SITE**Lab Number:** L2353853**Project Number:** 12060 / PHASE 8**Report Date:** 09/21/23**SAMPLE RESULTS**

Lab ID: L2353853-05

Date Collected: 09/14/23 09:55

Client ID: COMP_D1(7-15)

Date Received: 09/14/23

Sample Location: OSSINING, NY

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 93%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	13400		mg/kg	8.21	2.22	2	09/15/23 23:15	09/16/23 11:37	EPA 3050B	1,6010D	JMF
Antimony, Total	ND		mg/kg	4.10	0.312	2	09/15/23 23:15	09/16/23 11:37	EPA 3050B	1,6010D	JMF
Arsenic, Total	1.17		mg/kg	0.821	0.171	2	09/15/23 23:15	09/16/23 11:37	EPA 3050B	1,6010D	JMF
Barium, Total	161		mg/kg	0.821	0.143	2	09/15/23 23:15	09/16/23 11:37	EPA 3050B	1,6010D	JMF
Beryllium, Total	0.682		mg/kg	0.410	0.027	2	09/15/23 23:15	09/16/23 11:37	EPA 3050B	1,6010D	JMF
Cadmium, Total	0.130	J	mg/kg	0.821	0.081	2	09/15/23 23:15	09/16/23 11:37	EPA 3050B	1,6010D	JMF
Calcium, Total	8130		mg/kg	8.21	2.87	2	09/15/23 23:15	09/16/23 11:37	EPA 3050B	1,6010D	JMF
Chromium, Total	24.5		mg/kg	0.821	0.079	2	09/15/23 23:15	09/16/23 11:37	EPA 3050B	1,6010D	JMF
Cobalt, Total	8.06		mg/kg	1.64	0.136	2	09/15/23 23:15	09/16/23 11:37	EPA 3050B	1,6010D	JMF
Copper, Total	19.5		mg/kg	0.821	0.212	2	09/15/23 23:15	09/16/23 11:37	EPA 3050B	1,6010D	JMF
Iron, Total	21600		mg/kg	4.10	0.741	2	09/15/23 23:15	09/16/23 11:37	EPA 3050B	1,6010D	JMF
Lead, Total	7.33		mg/kg	4.10	0.220	2	09/15/23 23:15	09/16/23 11:37	EPA 3050B	1,6010D	JMF
Magnesium, Total	8000		mg/kg	8.21	1.26	2	09/15/23 23:15	09/16/23 11:37	EPA 3050B	1,6010D	JMF
Manganese, Total	213		mg/kg	0.821	0.130	2	09/15/23 23:15	09/16/23 11:37	EPA 3050B	1,6010D	JMF
Mercury, Total	ND		mg/kg	0.067	0.044	1	09/16/23 00:16	09/16/23 19:28	EPA 7471B	1,7471B	GMG
Nickel, Total	17.5		mg/kg	2.05	0.199	2	09/15/23 23:15	09/16/23 11:37	EPA 3050B	1,6010D	JMF
Potassium, Total	6990		mg/kg	205	11.8	2	09/15/23 23:15	09/16/23 11:37	EPA 3050B	1,6010D	JMF
Selenium, Total	0.299	J	mg/kg	1.64	0.212	2	09/15/23 23:15	09/16/23 11:37	EPA 3050B	1,6010D	JMF
Silver, Total	ND		mg/kg	0.410	0.232	2	09/15/23 23:15	09/16/23 11:37	EPA 3050B	1,6010D	JMF
Sodium, Total	168		mg/kg	164	2.59	2	09/15/23 23:15	09/16/23 11:37	EPA 3050B	1,6010D	JMF
Thallium, Total	2.06		mg/kg	1.64	0.259	2	09/15/23 23:15	09/16/23 11:37	EPA 3050B	1,6010D	JMF
Vanadium, Total	33.8		mg/kg	0.821	0.167	2	09/15/23 23:15	09/16/23 11:37	EPA 3050B	1,6010D	JMF
Zinc, Total	54.7		mg/kg	4.10	0.240	2	09/15/23 23:15	09/16/23 11:37	EPA 3050B	1,6010D	JMF



Project Name: SUN VALLEY SITE**Lab Number:** L2353853**Project Number:** 12060 / PHASE 8**Report Date:** 09/21/23**SAMPLE RESULTS**

Lab ID: L2353853-07

Date Collected: 09/14/23 12:55

Client ID: COMP_C2(7-17)

Date Received: 09/14/23

Sample Location: OSSINING, NY

Field Prep: Not Specified

Sample Depth:

TCLP/SPLP Ext. Date: 09/15/23 16:50

Matrix: Soil

Percent Solids: 92%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
TCLP Metals by EPA 1311 - Mansfield Lab											
Arsenic, TCLP	0.0382	J	mg/l	1.00	0.0190	1	09/18/23 20:10	09/19/23 08:43	EPA 3015	1,6010D	DMB
Barium, TCLP	0.887		mg/l	0.500	0.0210	1	09/18/23 20:10	09/19/23 08:43	EPA 3015	1,6010D	DMB
Cadmium, TCLP	ND		mg/l	0.100	0.0100	1	09/18/23 20:10	09/19/23 08:43	EPA 3015	1,6010D	DMB
Chromium, TCLP	ND		mg/l	0.200	0.0210	1	09/18/23 20:10	09/19/23 08:43	EPA 3015	1,6010D	DMB
Lead, TCLP	ND		mg/l	0.500	0.0270	1	09/18/23 20:10	09/19/23 08:43	EPA 3015	1,6010D	DMB
Mercury, TCLP	ND		mg/l	0.0010	0.0005	1	09/18/23 16:47	09/19/23 09:33	EPA 7470A	1,7470A	GMG
Selenium, TCLP	ND		mg/l	0.500	0.0350	1	09/18/23 20:10	09/19/23 08:43	EPA 3015	1,6010D	DMB
Silver, TCLP	ND		mg/l	0.100	0.0280	1	09/18/23 20:10	09/19/23 08:43	EPA 3015	1,6010D	DMB



Project Name: SUN VALLEY SITE**Lab Number:** L2353853**Project Number:** 12060 / PHASE 8**Report Date:** 09/21/23**SAMPLE RESULTS**

Lab ID: L2353853-07

Date Collected: 09/14/23 12:55

Client ID: COMP_C2(7-17)

Date Received: 09/14/23

Sample Location: OSSINING, NY

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 92%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	12200		mg/kg	8.26	2.23	2	09/15/23 23:15	09/16/23 11:40	EPA 3050B	1,6010D	JMF
Antimony, Total	ND		mg/kg	4.13	0.314	2	09/15/23 23:15	09/16/23 11:40	EPA 3050B	1,6010D	JMF
Arsenic, Total	1.06		mg/kg	0.826	0.172	2	09/15/23 23:15	09/16/23 11:40	EPA 3050B	1,6010D	JMF
Barium, Total	150		mg/kg	0.826	0.144	2	09/15/23 23:15	09/16/23 11:40	EPA 3050B	1,6010D	JMF
Beryllium, Total	0.619		mg/kg	0.413	0.027	2	09/15/23 23:15	09/16/23 11:40	EPA 3050B	1,6010D	JMF
Cadmium, Total	0.115	J	mg/kg	0.826	0.081	2	09/15/23 23:15	09/16/23 11:40	EPA 3050B	1,6010D	JMF
Calcium, Total	13400		mg/kg	8.26	2.89	2	09/15/23 23:15	09/16/23 11:40	EPA 3050B	1,6010D	JMF
Chromium, Total	22.3		mg/kg	0.826	0.079	2	09/15/23 23:15	09/16/23 11:40	EPA 3050B	1,6010D	JMF
Cobalt, Total	7.94		mg/kg	1.65	0.137	2	09/15/23 23:15	09/16/23 11:40	EPA 3050B	1,6010D	JMF
Copper, Total	18.0		mg/kg	0.826	0.213	2	09/15/23 23:15	09/16/23 11:40	EPA 3050B	1,6010D	JMF
Iron, Total	20600		mg/kg	4.13	0.746	2	09/15/23 23:15	09/16/23 11:40	EPA 3050B	1,6010D	JMF
Lead, Total	6.22		mg/kg	4.13	0.221	2	09/15/23 23:15	09/16/23 11:40	EPA 3050B	1,6010D	JMF
Magnesium, Total	11300		mg/kg	8.26	1.27	2	09/15/23 23:15	09/16/23 11:40	EPA 3050B	1,6010D	JMF
Manganese, Total	255		mg/kg	0.826	0.131	2	09/15/23 23:15	09/16/23 11:40	EPA 3050B	1,6010D	JMF
Mercury, Total	ND		mg/kg	0.074	0.049	1	09/16/23 00:16	09/16/23 19:31	EPA 7471B	1,7471B	GMG
Nickel, Total	15.6		mg/kg	2.06	0.200	2	09/15/23 23:15	09/16/23 11:40	EPA 3050B	1,6010D	JMF
Potassium, Total	6500		mg/kg	206	11.9	2	09/15/23 23:15	09/16/23 11:40	EPA 3050B	1,6010D	JMF
Selenium, Total	0.376	J	mg/kg	1.65	0.213	2	09/15/23 23:15	09/16/23 11:40	EPA 3050B	1,6010D	JMF
Silver, Total	ND		mg/kg	0.413	0.234	2	09/15/23 23:15	09/16/23 11:40	EPA 3050B	1,6010D	JMF
Sodium, Total	118	J	mg/kg	165	2.60	2	09/15/23 23:15	09/16/23 11:40	EPA 3050B	1,6010D	JMF
Thallium, Total	2.01		mg/kg	1.65	0.260	2	09/15/23 23:15	09/16/23 11:40	EPA 3050B	1,6010D	JMF
Vanadium, Total	30.4		mg/kg	0.826	0.168	2	09/15/23 23:15	09/16/23 11:40	EPA 3050B	1,6010D	JMF
Zinc, Total	46.2		mg/kg	4.13	0.242	2	09/15/23 23:15	09/16/23 11:40	EPA 3050B	1,6010D	JMF



Project Name: SUN VALLEY SITE**Lab Number:** L2353853**Project Number:** 12060 / PHASE 8**Report Date:** 09/21/23**SAMPLE RESULTS**

Lab ID: L2353853-09

Date Collected: 09/14/23 14:45

Client ID: COMP_D2(0-7)

Date Received: 09/14/23

Sample Location: OSSINING, NY

Field Prep: Not Specified

Sample Depth:

TCLP/SPLP Ext. Date: 09/15/23 16:50

Matrix: Soil

Percent Solids: 91%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
TCLP Metals by EPA 1311 - Mansfield Lab											
Arsenic, TCLP	0.0322	J	mg/l	1.00	0.0190	1	09/18/23 20:10	09/19/23 09:15	EPA 3015	1,6010D	DMB
Barium, TCLP	0.755		mg/l	0.500	0.0210	1	09/18/23 20:10	09/19/23 09:15	EPA 3015	1,6010D	DMB
Cadmium, TCLP	ND		mg/l	0.100	0.0100	1	09/18/23 20:10	09/19/23 09:15	EPA 3015	1,6010D	DMB
Chromium, TCLP	ND		mg/l	0.200	0.0210	1	09/18/23 20:10	09/19/23 09:15	EPA 3015	1,6010D	DMB
Lead, TCLP	ND		mg/l	0.500	0.0270	1	09/18/23 20:10	09/19/23 09:15	EPA 3015	1,6010D	DMB
Mercury, TCLP	ND		mg/l	0.0010	0.0005	1	09/18/23 16:47	09/19/23 09:36	EPA 7470A	1,7470A	GMG
Selenium, TCLP	ND		mg/l	0.500	0.0350	1	09/18/23 20:10	09/19/23 09:15	EPA 3015	1,6010D	DMB
Silver, TCLP	ND		mg/l	0.100	0.0280	1	09/18/23 20:10	09/19/23 09:15	EPA 3015	1,6010D	DMB



Project Name: SUN VALLEY SITE**Lab Number:** L2353853**Project Number:** 12060 / PHASE 8**Report Date:** 09/21/23**SAMPLE RESULTS**

Lab ID: L2353853-09

Date Collected: 09/14/23 14:45

Client ID: COMP_D2(0-7)

Date Received: 09/14/23

Sample Location: OSSINING, NY

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 91%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	10300		mg/kg	8.69	2.34	2	09/15/23 23:15	09/16/23 11:43	EPA 3050B	1,6010D	JMF
Antimony, Total	ND		mg/kg	4.34	0.330	2	09/15/23 23:15	09/16/23 11:43	EPA 3050B	1,6010D	JMF
Arsenic, Total	1.11		mg/kg	0.869	0.181	2	09/15/23 23:15	09/16/23 11:43	EPA 3050B	1,6010D	JMF
Barium, Total	118		mg/kg	0.869	0.151	2	09/15/23 23:15	09/16/23 11:43	EPA 3050B	1,6010D	JMF
Beryllium, Total	0.550		mg/kg	0.434	0.029	2	09/15/23 23:15	09/16/23 11:43	EPA 3050B	1,6010D	JMF
Cadmium, Total	0.101	J	mg/kg	0.869	0.085	2	09/15/23 23:15	09/16/23 11:43	EPA 3050B	1,6010D	JMF
Calcium, Total	7900		mg/kg	8.69	3.04	2	09/15/23 23:15	09/16/23 11:43	EPA 3050B	1,6010D	JMF
Chromium, Total	18.6		mg/kg	0.869	0.083	2	09/15/23 23:15	09/16/23 11:43	EPA 3050B	1,6010D	JMF
Cobalt, Total	6.55		mg/kg	1.74	0.144	2	09/15/23 23:15	09/16/23 11:43	EPA 3050B	1,6010D	JMF
Copper, Total	14.4		mg/kg	0.869	0.224	2	09/15/23 23:15	09/16/23 11:43	EPA 3050B	1,6010D	JMF
Iron, Total	17400		mg/kg	4.34	0.784	2	09/15/23 23:15	09/16/23 11:43	EPA 3050B	1,6010D	JMF
Lead, Total	5.42		mg/kg	4.34	0.233	2	09/15/23 23:15	09/16/23 11:43	EPA 3050B	1,6010D	JMF
Magnesium, Total	6500		mg/kg	8.69	1.34	2	09/15/23 23:15	09/16/23 11:43	EPA 3050B	1,6010D	JMF
Manganese, Total	193		mg/kg	0.869	0.138	2	09/15/23 23:15	09/16/23 11:43	EPA 3050B	1,6010D	JMF
Mercury, Total	ND		mg/kg	0.070	0.046	1	09/16/23 00:16	09/16/23 19:34	EPA 7471B	1,7471B	GMG
Nickel, Total	14.0		mg/kg	2.17	0.210	2	09/15/23 23:15	09/16/23 11:43	EPA 3050B	1,6010D	JMF
Potassium, Total	5190		mg/kg	217	12.5	2	09/15/23 23:15	09/16/23 11:43	EPA 3050B	1,6010D	JMF
Selenium, Total	ND		mg/kg	1.74	0.224	2	09/15/23 23:15	09/16/23 11:43	EPA 3050B	1,6010D	JMF
Silver, Total	ND		mg/kg	0.434	0.246	2	09/15/23 23:15	09/16/23 11:43	EPA 3050B	1,6010D	JMF
Sodium, Total	94.8	J	mg/kg	174	2.74	2	09/15/23 23:15	09/16/23 11:43	EPA 3050B	1,6010D	JMF
Thallium, Total	1.46	J	mg/kg	1.74	0.274	2	09/15/23 23:15	09/16/23 11:43	EPA 3050B	1,6010D	JMF
Vanadium, Total	25.9		mg/kg	0.869	0.176	2	09/15/23 23:15	09/16/23 11:43	EPA 3050B	1,6010D	JMF
Zinc, Total	40.8		mg/kg	4.34	0.254	2	09/15/23 23:15	09/16/23 11:43	EPA 3050B	1,6010D	JMF



Project Name: SUN VALLEY SITE**Lab Number:** L2353853**Project Number:** 12060 / PHASE 8**Report Date:** 09/21/23**SAMPLE RESULTS**

Lab ID: L2353853-11

Date Collected: 09/14/23 14:55

Client ID: COMP_D2(7-17)

Date Received: 09/14/23

Sample Location: OSSINING, NY

Field Prep: Not Specified

Sample Depth:

TCLP/SPLP Ext. Date: 09/15/23 16:50

Matrix: Soil

Percent Solids: 91%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
TCLP Metals by EPA 1311 - Mansfield Lab											
Arsenic, TCLP	ND		mg/l	1.00	0.0190	1	09/18/23 20:10	09/19/23 09:20	EPA 3015	1,6010D	DMB
Barium, TCLP	0.856		mg/l	0.500	0.0210	1	09/18/23 20:10	09/19/23 09:20	EPA 3015	1,6010D	DMB
Cadmium, TCLP	ND		mg/l	0.100	0.0100	1	09/18/23 20:10	09/19/23 09:20	EPA 3015	1,6010D	DMB
Chromium, TCLP	ND		mg/l	0.200	0.0210	1	09/18/23 20:10	09/19/23 09:20	EPA 3015	1,6010D	DMB
Lead, TCLP	ND		mg/l	0.500	0.0270	1	09/18/23 20:10	09/19/23 09:20	EPA 3015	1,6010D	DMB
Mercury, TCLP	ND		mg/l	0.0010	0.0005	1	09/18/23 16:47	09/19/23 09:40	EPA 7470A	1,7470A	GMG
Selenium, TCLP	ND		mg/l	0.500	0.0350	1	09/18/23 20:10	09/19/23 09:20	EPA 3015	1,6010D	DMB
Silver, TCLP	ND		mg/l	0.100	0.0280	1	09/18/23 20:10	09/19/23 09:20	EPA 3015	1,6010D	DMB



Project Name: SUN VALLEY SITE**Lab Number:** L2353853**Project Number:** 12060 / PHASE 8**Report Date:** 09/21/23**SAMPLE RESULTS**

Lab ID: L2353853-11

Date Collected: 09/14/23 14:55

Client ID: COMP_D2(7-17)

Date Received: 09/14/23

Sample Location: OSSINING, NY

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 91%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	12200		mg/kg	8.29	2.24	2	09/15/23 23:15	09/16/23 11:46	EPA 3050B	1,6010D	JMF
Antimony, Total	ND		mg/kg	4.14	0.315	2	09/15/23 23:15	09/16/23 11:46	EPA 3050B	1,6010D	JMF
Arsenic, Total	1.29		mg/kg	0.829	0.172	2	09/15/23 23:15	09/16/23 11:46	EPA 3050B	1,6010D	JMF
Barium, Total	155		mg/kg	0.829	0.144	2	09/15/23 23:15	09/16/23 11:46	EPA 3050B	1,6010D	JMF
Beryllium, Total	0.505		mg/kg	0.414	0.027	2	09/15/23 23:15	09/16/23 11:46	EPA 3050B	1,6010D	JMF
Cadmium, Total	0.096	J	mg/kg	0.829	0.081	2	09/15/23 23:15	09/16/23 11:46	EPA 3050B	1,6010D	JMF
Calcium, Total	7970		mg/kg	8.29	2.90	2	09/15/23 23:15	09/16/23 11:46	EPA 3050B	1,6010D	JMF
Chromium, Total	21.6		mg/kg	0.829	0.080	2	09/15/23 23:15	09/16/23 11:46	EPA 3050B	1,6010D	JMF
Cobalt, Total	7.71		mg/kg	1.66	0.138	2	09/15/23 23:15	09/16/23 11:46	EPA 3050B	1,6010D	JMF
Copper, Total	16.5		mg/kg	0.829	0.214	2	09/15/23 23:15	09/16/23 11:46	EPA 3050B	1,6010D	JMF
Iron, Total	23600		mg/kg	4.14	0.748	2	09/15/23 23:15	09/16/23 11:46	EPA 3050B	1,6010D	JMF
Lead, Total	5.94		mg/kg	4.14	0.222	2	09/15/23 23:15	09/16/23 11:46	EPA 3050B	1,6010D	JMF
Magnesium, Total	8020		mg/kg	8.29	1.28	2	09/15/23 23:15	09/16/23 11:46	EPA 3050B	1,6010D	JMF
Manganese, Total	272		mg/kg	0.829	0.132	2	09/15/23 23:15	09/16/23 11:46	EPA 3050B	1,6010D	JMF
Mercury, Total	ND		mg/kg	0.074	0.048	1	09/16/23 00:16	09/16/23 19:44	EPA 7471B	1,7471B	GMG
Nickel, Total	15.8		mg/kg	2.07	0.200	2	09/15/23 23:15	09/16/23 11:46	EPA 3050B	1,6010D	JMF
Potassium, Total	6540		mg/kg	207	11.9	2	09/15/23 23:15	09/16/23 11:46	EPA 3050B	1,6010D	JMF
Selenium, Total	0.251	J	mg/kg	1.66	0.214	2	09/15/23 23:15	09/16/23 11:46	EPA 3050B	1,6010D	JMF
Silver, Total	ND		mg/kg	0.414	0.234	2	09/15/23 23:15	09/16/23 11:46	EPA 3050B	1,6010D	JMF
Sodium, Total	104	J	mg/kg	166	2.61	2	09/15/23 23:15	09/16/23 11:46	EPA 3050B	1,6010D	JMF
Thallium, Total	1.87		mg/kg	1.66	0.261	2	09/15/23 23:15	09/16/23 11:46	EPA 3050B	1,6010D	JMF
Vanadium, Total	29.2		mg/kg	0.829	0.168	2	09/15/23 23:15	09/16/23 11:46	EPA 3050B	1,6010D	JMF
Zinc, Total	45.7		mg/kg	4.14	0.243	2	09/15/23 23:15	09/16/23 11:46	EPA 3050B	1,6010D	JMF



Project Name: SUN VALLEY SITE

Lab Number: L2353853

Project Number: 12060 / PHASE 8

Report Date: 09/21/23

Method Blank Analysis Batch Quality Control

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 01,03,05,07,09,11 Batch: WG1827986-1										
Aluminum, Total	ND		mg/kg	4.00	1.08	1	09/15/23 23:15	09/16/23 10:45	1,6010D	JMF
Antimony, Total	0.468	J	mg/kg	2.00	0.152	1	09/15/23 23:15	09/16/23 10:45	1,6010D	JMF
Arsenic, Total	ND		mg/kg	0.400	0.083	1	09/15/23 23:15	09/16/23 10:45	1,6010D	JMF
Barium, Total	ND		mg/kg	0.400	0.070	1	09/15/23 23:15	09/16/23 10:45	1,6010D	JMF
Beryllium, Total	ND		mg/kg	0.200	0.013	1	09/15/23 23:15	09/16/23 10:45	1,6010D	JMF
Cadmium, Total	ND		mg/kg	0.400	0.039	1	09/15/23 23:15	09/16/23 10:45	1,6010D	JMF
Calcium, Total	ND		mg/kg	4.00	1.40	1	09/15/23 23:15	09/16/23 10:45	1,6010D	JMF
Chromium, Total	ND		mg/kg	0.400	0.038	1	09/15/23 23:15	09/16/23 10:45	1,6010D	JMF
Cobalt, Total	ND		mg/kg	0.800	0.066	1	09/15/23 23:15	09/16/23 10:45	1,6010D	JMF
Copper, Total	ND		mg/kg	0.400	0.103	1	09/15/23 23:15	09/16/23 10:45	1,6010D	JMF
Iron, Total	0.404	J	mg/kg	2.00	0.361	1	09/15/23 23:15	09/16/23 10:45	1,6010D	JMF
Lead, Total	ND		mg/kg	2.00	0.107	1	09/15/23 23:15	09/16/23 10:45	1,6010D	JMF
Magnesium, Total	ND		mg/kg	4.00	0.616	1	09/15/23 23:15	09/16/23 10:45	1,6010D	JMF
Manganese, Total	ND		mg/kg	0.400	0.064	1	09/15/23 23:15	09/16/23 10:45	1,6010D	JMF
Nickel, Total	ND		mg/kg	1.00	0.097	1	09/15/23 23:15	09/16/23 10:45	1,6010D	JMF
Potassium, Total	ND		mg/kg	100	5.76	1	09/15/23 23:15	09/16/23 10:45	1,6010D	JMF
Selenium, Total	ND		mg/kg	0.800	0.103	1	09/15/23 23:15	09/16/23 10:45	1,6010D	JMF
Silver, Total	ND		mg/kg	0.200	0.113	1	09/15/23 23:15	09/16/23 10:45	1,6010D	JMF
Sodium, Total	1.27	J	mg/kg	80.0	1.26	1	09/15/23 23:15	09/16/23 10:45	1,6010D	JMF
Thallium, Total	ND		mg/kg	0.800	0.126	1	09/15/23 23:15	09/16/23 10:45	1,6010D	JMF
Vanadium, Total	ND		mg/kg	0.400	0.081	1	09/15/23 23:15	09/16/23 10:45	1,6010D	JMF
Zinc, Total	ND		mg/kg	2.00	0.117	1	09/15/23 23:15	09/16/23 10:45	1,6010D	JMF

Prep Information

Digestion Method: EPA 3050B

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 01,03,05,07,09,11 Batch: WG1827987-1										
Mercury, Total	ND		mg/kg	0.083	0.054	1	09/16/23 00:16	09/16/23 18:45	1,7471B	GMG



Project Name: SUN VALLEY SITE
Project Number: 12060 / PHASE 8

Lab Number: L2353853
Report Date: 09/21/23

Method Blank Analysis Batch Quality Control

Prep Information

Digestion Method: EPA 7471B

Parameter	Result Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
TCLP Metals by EPA 1311 - Mansfield Lab for sample(s): 01,03,05,07,09,11 Batch: WG1828709-1									
Arsenic, TCLP	ND	mg/l	1.00	0.0190	1	09/18/23 20:08	09/19/23 07:03	1,6010D	DMB
Barium, TCLP	ND	mg/l	0.500	0.0210	1	09/18/23 20:08	09/19/23 07:03	1,6010D	DMB
Cadmium, TCLP	ND	mg/l	0.100	0.0100	1	09/18/23 20:08	09/19/23 07:03	1,6010D	DMB
Chromium, TCLP	ND	mg/l	0.200	0.0210	1	09/18/23 20:08	09/19/23 07:03	1,6010D	DMB
Lead, TCLP	ND	mg/l	0.500	0.0270	1	09/18/23 20:08	09/19/23 07:03	1,6010D	DMB
Selenium, TCLP	ND	mg/l	0.500	0.0350	1	09/18/23 20:08	09/19/23 07:03	1,6010D	DMB
Silver, TCLP	ND	mg/l	0.100	0.0280	1	09/18/23 20:08	09/19/23 07:03	1,6010D	DMB

Prep Information

Digestion Method: EPA 3015
TCLP/SPLP Extraction Date: 09/14/23 17:11

Parameter	Result Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
TCLP Metals by EPA 1311 - Mansfield Lab for sample(s): 01,03,05,07,09,11 Batch: WG1828710-1									
Mercury, TCLP	ND	mg/l	0.0010	0.0005	1	09/18/23 16:47	09/19/23 08:47	1,7470A	GMG

Prep Information

Digestion Method: EPA 7470A
TCLP/SPLP Extraction Date: 09/14/23 17:11

Lab Control Sample Analysis

Batch Quality Control

Project Name: SUN VALLEY SITE

Project Number: 12060 / PHASE 8

Lab Number: L2353853

Report Date: 09/21/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01,03,05,07,09,11 Batch: WG1827986-2 SRM Lot Number: D119-540								
Aluminum, Total	78		-		48-152	-		
Antimony, Total	150		-		10-190	-		
Arsenic, Total	103		-		83-117	-		
Barium, Total	105		-		82-118	-		
Beryllium, Total	112		-		83-117	-		
Cadmium, Total	97		-		82-117	-		
Calcium, Total	102		-		81-118	-		
Chromium, Total	104		-		82-119	-		
Cobalt, Total	103		-		83-117	-		
Copper, Total	102		-		84-116	-		
Iron, Total	126		-		60-140	-		
Lead, Total	105		-		82-118	-		
Magnesium, Total	92		-		76-124	-		
Manganese, Total	106		-		82-118	-		
Nickel, Total	103		-		82-117	-		
Potassium, Total	93		-		70-130	-		
Selenium, Total	106		-		79-121	-		
Silver, Total	104		-		80-120	-		
Sodium, Total	95		-		74-126	-		
Thallium, Total	106		-		81-119	-		
Vanadium, Total	100		-		79-121	-		

Lab Control Sample Analysis

Batch Quality Control

Project Name: SUN VALLEY SITE

Project Number: 12060 / PHASE 8

Lab Number: L2353853

Report Date: 09/21/23

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01,03,05,07,09,11 Batch: WG1827986-2 SRM Lot Number: D119-540					
Zinc, Total	102	-	80-120	-	
Total Metals - Mansfield Lab Associated sample(s): 01,03,05,07,09,11 Batch: WG1827987-2 SRM Lot Number: D119-540					
Mercury, Total	104	-	73-127	-	
TCLP Metals by EPA 1311 - Mansfield Lab Associated sample(s): 01,03,05,07,09,11 Batch: WG1828709-2					
Arsenic, TCLP	95	-	75-125	-	20
Barium, TCLP	92	-	75-125	-	20
Cadmium, TCLP	90	-	75-125	-	20
Chromium, TCLP	90	-	75-125	-	20
Lead, TCLP	88	-	75-125	-	20
Selenium, TCLP	95	-	75-125	-	20
Silver, TCLP	93	-	75-125	-	20
TCLP Metals by EPA 1311 - Mansfield Lab Associated sample(s): 01,03,05,07,09,11 Batch: WG1828710-2					
Mercury, TCLP	101	-	80-120	-	

Matrix Spike Analysis

Batch Quality Control

Project Name: SUN VALLEY SITE
Project Number: 12060 / PHASE 8

Lab Number: L2353853
Report Date: 09/21/23

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01,03,05,07,09,11 QC Batch ID: WG1827986-3 QC Sample: L2353676-01 Client ID: MS Sample												
Aluminum, Total	8900	198	9590	348	Q	-	-		75-125	-		20
Antimony, Total	0.787J	49.6	47.7	96		-	-		75-125	-		20
Arsenic, Total	5.34	11.9	16.9	97		-	-		75-125	-		20
Barium, Total	57.2	198	244	94		-	-		75-125	-		20
Beryllium, Total	0.447J	4.96	5.38	108		-	-		75-125	-		20
Cadmium, Total	0.142J	5.26	4.82	92		-	-		75-125	-		20
Calcium, Total	20900	993	6340	0	Q	-	-		75-125	-		20
Chromium, Total	25.3	19.8	38.7	67	Q	-	-		75-125	-		20
Cobalt, Total	6.78	49.6	53.6	94		-	-		75-125	-		20
Copper, Total	41.5	24.8	45.9	18	Q	-	-		75-125	-		20
Iron, Total	23200	99.3	22200	0	Q	-	-		75-125	-		20
Lead, Total	42.6	52.6	97.9	105		-	-		75-125	-		20
Magnesium, Total	3540	993	3720	18	Q	-	-		75-125	-		20
Manganese, Total	292	49.6	322	60	Q	-	-		75-125	-		20
Nickel, Total	36.5	49.6	75.7	79		-	-		75-125	-		20
Potassium, Total	1220	993	2200	99		-	-		75-125	-		20
Selenium, Total	0.428J	11.9	12.5	105		-	-		75-125	-		20
Silver, Total	ND	4.96	4.76	96		-	-		75-125	-		20
Sodium, Total	325	993	1200	88		-	-		75-125	-		20
Thallium, Total	0.799J	11.9	12.1	102		-	-		75-125	-		20
Vanadium, Total	23.0	49.6	82.8	120		-	-		75-125	-		20

Matrix Spike Analysis

Batch Quality Control

Project Name: SUN VALLEY SITE
Project Number: 12060 / PHASE 8

Lab Number: L2353853
Report Date: 09/21/23

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	MSD Found	MSD %Recovery	Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01,03,05,07,09,11 QC Batch ID: WG1827986-3 QC Sample: L2353676-01 Client ID: MS Sample									
Zinc, Total	46.6	49.6	95.7	99	-	-	75-125	-	20
Total Metals - Mansfield Lab Associated sample(s): 01,03,05,07,09,11 QC Batch ID: WG1827987-3 QC Sample: L2353676-01 Client ID: MS Sample									
Mercury, Total	ND	1.67	1.70	102	-	-	80-120	-	20
TCLP Metals by EPA 1311 - Mansfield Lab Associated sample(s): 01,03,05,07,09,11 QC Batch ID: WG1828709-3 QC Sample: L2353564-01 Client ID: MS Sample									
Arsenic, TCLP	0.0241J	1.2	1.12	93	-	-	75-125	-	20
Barium, TCLP	0.333J	20	18.2	91	-	-	75-125	-	20
Cadmium, TCLP	ND	0.53	0.467	88	-	-	75-125	-	20
Chromium, TCLP	ND	2	1.77	88	-	-	75-125	-	20
Lead, TCLP	ND	5.3	4.60	87	-	-	75-125	-	20
Selenium, TCLP	ND	1.2	1.14	95	-	-	75-125	-	20
Silver, TCLP	ND	0.5	0.461	92	-	-	75-125	-	20
TCLP Metals by EPA 1311 - Mansfield Lab Associated sample(s): 01,03,05,07,09,11 QC Batch ID: WG1828710-3 QC Sample: L2353564-01 Client ID: MS Sample									
Mercury, TCLP	ND	0.025	0.0235	94	-	-	75-125	-	20

Lab Duplicate Analysis *Batch Quality Control*

Project Name: SUN VALLEY SITE

Project Number: 12060 / PHASE 8

Lab Number: L2353853

Report Date: 09/21/23

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01,03,05,07,09,11 QC Batch ID: WG1827986-4 QC Sample: L2353676-01 Client ID: DUP Sample						
Aluminum, Total	8900	8620	mg/kg	3		20
Antimony, Total	0.787J	ND	mg/kg	NC		20
Arsenic, Total	5.34	4.50	mg/kg	17		20
Barium, Total	57.2	52.2	mg/kg	9		20
Beryllium, Total	0.447J	0.436J	mg/kg	NC		20
Cadmium, Total	0.142J	0.146J	mg/kg	NC		20
Calcium, Total	20900	6520	mg/kg	105	Q	20
Chromium, Total	25.3	18.8	mg/kg	29	Q	20
Cobalt, Total	6.78	6.54	mg/kg	4		20
Copper, Total	41.5	23.5	mg/kg	55	Q	20
Iron, Total	23200	20400	mg/kg	13		20
Lead, Total	42.6	47.9	mg/kg	12		20
Magnesium, Total	3540	2950	mg/kg	18		20
Manganese, Total	292	321	mg/kg	9		20
Nickel, Total	36.5	30.8	mg/kg	17		20
Potassium, Total	1220	1120	mg/kg	9		20
Selenium, Total	0.428J	0.324J	mg/kg	NC		20
Silver, Total	ND	ND	mg/kg	NC		20
Sodium, Total	325	281	mg/kg	15		20

Lab Duplicate Analysis *Batch Quality Control*

Project Name: SUN VALLEY SITE

Project Number: 12060 / PHASE 8

Lab Number: L2353853

Report Date: 09/21/23

Parameter	Native Sample	Duplicate Sample	Units	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01,03,05,07,09,11 QC Batch ID: WG1827986-4 QC Sample: L2353676-01 Client ID: DUP Sample					
Thallium, Total	0.799J	0.682J	mg/kg	NC	20
Vanadium, Total	23.0	32.0	mg/kg	33 Q	20
Zinc, Total	46.6	51.0	mg/kg	9	20
Total Metals - Mansfield Lab Associated sample(s): 01,03,05,07,09,11 QC Batch ID: WG1827987-4 QC Sample: L2353676-01 Client ID: DUP Sample					
Mercury, Total	ND	ND	mg/kg	NC	20
TCLP Metals by EPA 1311 - Mansfield Lab Associated sample(s): 01,03,05,07,09,11 QC Batch ID: WG1828709-4 QC Sample: L2353564-01 Client ID: DUP Sample					
Arsenic, TCLP	0.0241J	0.0341J	mg/l	NC	20
Barium, TCLP	0.333J	0.341J	mg/l	NC	20
Cadmium, TCLP	ND	ND	mg/l	NC	20
Chromium, TCLP	ND	ND	mg/l	NC	20
Lead, TCLP	ND	ND	mg/l	NC	20
Selenium, TCLP	ND	ND	mg/l	NC	20
Silver, TCLP	ND	ND	mg/l	NC	20
TCLP Metals by EPA 1311 - Mansfield Lab Associated sample(s): 01,03,05,07,09,11 QC Batch ID: WG1828710-4 QC Sample: L2353564-01 Client ID: DUP Sample					
Mercury, TCLP	ND	ND	mg/l	NC	20

INORGANICS & MISCELLANEOUS

Project Name: SUN VALLEY SITE
Project Number: 12060 / PHASE 8

Lab Number: L2353853
Report Date: 09/21/23

SAMPLE RESULTS

Lab ID: L2353853-01
Client ID: COMP_D1(0-7)
Sample Location: OSSINING, NY

Date Collected: 09/14/23 09:50
Date Received: 09/14/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Test Material Information

Source of Material: Unknown
Description of Material: Non-Metallic - Damp Soil
Particle Size: Medium
Preliminary Burning Time (sec): 120

Parameter	Result	Date Analyzed	Analytical Method	Analyst
Ignitability of Solids - Westborough Lab				
Ignitability	NI	09/20/23 19:42	1,1030	TLH



Project Name: SUN VALLEY SITE
Project Number: 12060 / PHASE 8

Lab Number: L2353853
Report Date: 09/21/23

SAMPLE RESULTS

Lab ID: L2353853-03
Client ID: COMP_C2(0-7)
Sample Location: OSSINING, NY

Date Collected: 09/14/23 12:45
Date Received: 09/14/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Test Material Information

Source of Material: Unknown
Description of Material: Non-Metallic - Damp Soil
Particle Size: Medium
Preliminary Burning Time (sec): 120

Parameter	Result	Date Analyzed	Analytical Method	Analyst
Ignitability of Solids - Westborough Lab				
Ignitability	NI	09/20/23 19:42	1,1030	TLH



Project Name: SUN VALLEY SITE
Project Number: 12060 / PHASE 8

Lab Number: L2353853
Report Date: 09/21/23

SAMPLE RESULTS

Lab ID: L2353853-05
Client ID: COMP_D1(7-15)
Sample Location: OSSINING, NY

Date Collected: 09/14/23 09:55
Date Received: 09/14/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Test Material Information

Source of Material: Unknown
Description of Material: Non-Metallic - Damp Soil
Particle Size: Medium
Preliminary Burning Time (sec): 120

Parameter	Result	Date Analyzed	Analytical Method	Analyst
Ignitability of Solids - Westborough Lab				
Ignitability	NI	09/20/23 19:42	1,1030	TLH



Project Name: SUN VALLEY SITE
Project Number: 12060 / PHASE 8

Lab Number: L2353853
Report Date: 09/21/23

SAMPLE RESULTS

Lab ID: L2353853-07
Client ID: COMP_C2(7-17)
Sample Location: OSSINING, NY

Date Collected: 09/14/23 12:55
Date Received: 09/14/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Test Material Information

Source of Material: Unknown
Description of Material: Non-Metallic - Damp Soil
Particle Size: Medium
Preliminary Burning Time (sec): 120

Parameter	Result	Date Analyzed	Analytical Method	Analyst
Ignitability of Solids - Westborough Lab				
Ignitability	NI	09/20/23 19:42	1,1030	TLH



Project Name: SUN VALLEY SITE
Project Number: 12060 / PHASE 8

Lab Number: L2353853
Report Date: 09/21/23

SAMPLE RESULTS

Lab ID: L2353853-09
Client ID: COMP_D2(0-7)
Sample Location: OSSINING, NY

Date Collected: 09/14/23 14:45
Date Received: 09/14/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Test Material Information

Source of Material: Unknown
Description of Material: Non-Metallic - Damp Soil
Particle Size: Medium
Preliminary Burning Time (sec): 120

Parameter	Result	Date Analyzed	Analytical Method	Analyst
Ignitability of Solids - Westborough Lab				
Ignitability	NI	09/20/23 19:42	1,1030	TLH



Project Name: SUN VALLEY SITE
Project Number: 12060 / PHASE 8

Lab Number: L2353853
Report Date: 09/21/23

SAMPLE RESULTS

Lab ID: L2353853-11
Client ID: COMP_D2(7-17)
Sample Location: OSSINING, NY

Date Collected: 09/14/23 14:55
Date Received: 09/14/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Test Material Information

Source of Material: Unknown
Description of Material: Non-Metallic - Damp Soil
Particle Size: Medium
Preliminary Burning Time (sec): 120

Parameter	Result	Date Analyzed	Analytical Method	Analyst
Ignitability of Solids - Westborough Lab				
Ignitability	NI	09/20/23 19:42	1,1030	TLH



Project Name: SUN VALLEY SITE
Project Number: 12060 / PHASE 8

Lab Number: L2353853
Report Date: 09/21/23

SAMPLE RESULTS

Lab ID: L2353853-01
Client ID: COMP_D1(0-7)
Sample Location: OSSINING, NY

Date Collected: 09/14/23 09:50
Date Received: 09/14/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	91.1		%	0.100	NA	1	-	09/15/23 11:35	121,2540G	ROI
Cyanide, Total	ND		mg/kg	1.0	0.22	1	09/16/23 10:40	09/18/23 16:59	1,9010C/9012B	JER
pH (H)	8.92		SU	-	NA	1	-	09/18/23 13:41	1,9045D	RDS
Chromium, Hexavalent	0.296	J	mg/kg	0.878	0.176	1	09/19/23 14:39	09/21/23 12:35	1,7196A	DTH
Cyanide, Reactive	ND		mg/kg	10	10.	1	09/16/23 10:10	09/16/23 12:04	125,7.3	JLB
Sulfide, Reactive	ND		mg/kg	10	10.	1	09/16/23 10:10	09/16/23 11:26	125,7.3	JLB
Paint Filter Liquid	Negative		-	0	NA	1	-	09/18/23 17:04	1,9095B	AAS



Project Name: SUN VALLEY SITE**Project Number:** 12060 / PHASE 8**Lab Number:** L2353853**Report Date:** 09/21/23**SAMPLE RESULTS****Lab ID:** L2353853-02**Client ID:** GRAB_D1(6.5-7)**Sample Location:** OSSINING, NY**Date Collected:** 09/14/23 09:50**Date Received:** 09/14/23**Field Prep:** Not Specified**Sample Depth:****Matrix:** Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	91.1		%	0.100	NA	1	-	09/15/23 11:35	121,2540G	ROI



Project Name: SUN VALLEY SITE
Project Number: 12060 / PHASE 8

Lab Number: L2353853
Report Date: 09/21/23

SAMPLE RESULTS

Lab ID: L2353853-03
Client ID: COMP_C2(0-7)
Sample Location: OSSINING, NY

Date Collected: 09/14/23 12:45
Date Received: 09/14/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	89.1		%	0.100	NA	1	-	09/15/23 11:35	121,2540G	ROI
Cyanide, Total	ND		mg/kg	1.1	0.22	1	09/16/23 10:40	09/18/23 17:00	1,9010C/9012B	JER
pH (H)	10.9		SU	-	NA	1	-	09/18/23 13:41	1,9045D	RDS
Chromium, Hexavalent	0.258	J	mg/kg	0.898	0.180	1	09/19/23 14:39	09/21/23 12:35	1,7196A	DTH
Cyanide, Reactive	ND		mg/kg	10	10.	1	09/16/23 10:10	09/16/23 12:04	125,7.3	JLB
Sulfide, Reactive	ND		mg/kg	10	10.	1	09/16/23 10:10	09/16/23 11:28	125,7.3	JLB
Paint Filter Liquid	Negative		-	0	NA	1	-	09/18/23 17:04	1,9095B	AAS



Project Name: SUN VALLEY SITE

Project Number: 12060 / PHASE 8

Lab Number: L2353853

Report Date: 09/21/23

SAMPLE RESULTS

Lab ID: L2353853-04

Client ID: GRAB_C2(3-3.5)

Sample Location: OSSINING, NY

Date Collected: 09/14/23 12:45

Date Received: 09/14/23

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	89.1		%	0.100	NA	1	-	09/15/23 11:35	121,2540G	ROI



Project Name: SUN VALLEY SITE
Project Number: 12060 / PHASE 8

Lab Number: L2353853
Report Date: 09/21/23

SAMPLE RESULTS

Lab ID: L2353853-05
Client ID: COMP_D1(7-15)
Sample Location: OSSINING, NY

Date Collected: 09/14/23 09:55
Date Received: 09/14/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	92.9		%	0.100	NA	1	-	09/15/23 11:35	121,2540G	ROI
Cyanide, Total	ND		mg/kg	1.0	0.21	1	09/16/23 10:40	09/18/23 16:27	1,9010C/9012B	JER
pH (H)	8.81		SU	-	NA	1	-	09/18/23 13:41	1,9045D	RDS
Chromium, Hexavalent	0.258	J	mg/kg	0.861	0.172	1	09/19/23 14:39	09/21/23 12:35	1,7196A	DTH
Cyanide, Reactive	ND		mg/kg	10	10.	1	09/16/23 10:10	09/16/23 12:05	125,7.3	JLB
Sulfide, Reactive	ND		mg/kg	10	10.	1	09/16/23 10:10	09/16/23 11:28	125,7.3	JLB
Paint Filter Liquid	Negative		-	0	NA	1	-	09/18/23 17:04	1,9095B	AAS



Project Name: SUN VALLEY SITE**Project Number:** 12060 / PHASE 8**Lab Number:** L2353853**Report Date:** 09/21/23**SAMPLE RESULTS****Lab ID:** L2353853-06**Client ID:** GRAB_D1(10.5-11)**Sample Location:** OSSINING, NY**Date Collected:** 09/14/23 09:55**Date Received:** 09/14/23**Field Prep:** Not Specified**Sample Depth:****Matrix:** Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	92.9		%	0.100	NA	1	-	09/15/23 11:35	121,2540G	ROI



Project Name: SUN VALLEY SITE
Project Number: 12060 / PHASE 8

Lab Number: L2353853
Report Date: 09/21/23

SAMPLE RESULTS

Lab ID: L2353853-07
Client ID: COMP_C2(7-17)
Sample Location: OSSINING, NY

Date Collected: 09/14/23 12:55
Date Received: 09/14/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	91.6		%	0.100	NA	1	-	09/15/23 11:35	121,2540G	ROI
Cyanide, Total	ND		mg/kg	1.0	0.22	1	09/18/23 19:15	09/19/23 00:47	1,9010C/9012B	JER
pH (H)	8.94		SU	-	NA	1	-	09/18/23 13:41	1,9045D	RDS
Chromium, Hexavalent	0.382	J	mg/kg	0.873	0.175	1	09/19/23 14:39	09/21/23 12:35	1,7196A	DTH
Cyanide, Reactive	ND		mg/kg	10	10.	1	09/16/23 10:10	09/16/23 12:05	125,7.3	JLB
Sulfide, Reactive	ND		mg/kg	10	10.	1	09/16/23 10:10	09/16/23 11:28	125,7.3	JLB
Paint Filter Liquid	Negative		-	0	NA	1	-	09/18/23 17:04	1,9095B	AAS



Project Name: SUN VALLEY SITE

Project Number: 12060 / PHASE 8

Lab Number: L2353853

Report Date: 09/21/23

SAMPLE RESULTS

Lab ID: L2353853-08

Client ID: GRAB_C2(12.5-13)

Sample Location: OSSINING, NY

Date Collected: 09/14/23 12:55

Date Received: 09/14/23

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	91.6		%	0.100	NA	1	-	09/15/23 11:35	121,2540G	ROI



Project Name: SUN VALLEY SITE
Project Number: 12060 / PHASE 8

Lab Number: L2353853
Report Date: 09/21/23

SAMPLE RESULTS

Lab ID: L2353853-09
Client ID: COMP_D2(0-7)
Sample Location: OSSINING, NY

Date Collected: 09/14/23 14:45
Date Received: 09/14/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	90.7		%	0.100	NA	1	-	09/15/23 11:35	121,2540G	ROI
Cyanide, Total	ND		mg/kg	1.0	0.21	1	09/18/23 19:15	09/19/23 00:48	1,9010C/9012B	JER
pH (H)	8.97		SU	-	NA	1	-	09/18/23 13:41	1,9045D	RDS
Chromium, Hexavalent	0.364	J	mg/kg	0.882	0.176	1	09/19/23 14:39	09/21/23 12:35	1,7196A	DTH
Cyanide, Reactive	ND		mg/kg	10	10.	1	09/16/23 10:10	09/16/23 12:05	125,7.3	JLB
Sulfide, Reactive	ND		mg/kg	10	10.	1	09/16/23 10:10	09/16/23 11:28	125,7.3	JLB
Paint Filter Liquid	Negative		-	0	NA	1	-	09/18/23 17:04	1,9095B	AAS



Project Name: SUN VALLEY SITE**Project Number:** 12060 / PHASE 8**Lab Number:** L2353853**Report Date:** 09/21/23**SAMPLE RESULTS****Lab ID:** L2353853-10**Client ID:** GRAB_D2(7.5-8)**Sample Location:** OSSINING, NY**Date Collected:** 09/14/23 14:45**Date Received:** 09/14/23**Field Prep:** Not Specified**Sample Depth:****Matrix:** Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	90.7		%	0.100	NA	1	-	09/15/23 11:35	121,2540G	ROI



Project Name: SUN VALLEY SITE
Project Number: 12060 / PHASE 8

Lab Number: L2353853
Report Date: 09/21/23

SAMPLE RESULTS

Lab ID: L2353853-11
Client ID: COMP_D2(7-17)
Sample Location: OSSINING, NY

Date Collected: 09/14/23 14:55
Date Received: 09/14/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	91.0		%	0.100	NA	1	-	09/15/23 11:35	121,2540G	ROI
Cyanide, Total	ND		mg/kg	1.0	0.22	1	09/18/23 19:15	09/19/23 00:49	1,9010C/9012B	JER
pH (H)	8.62		SU	-	NA	1	-	09/18/23 13:41	1,9045D	RDS
Chromium, Hexavalent	0.494	J	mg/kg	0.879	0.176	1	09/19/23 14:39	09/21/23 12:35	1,7196A	DTH
Cyanide, Reactive	ND		mg/kg	10	10.	1	09/16/23 10:10	09/16/23 12:05	125,7.3	JLB
Sulfide, Reactive	ND		mg/kg	10	10.	1	09/16/23 10:10	09/16/23 11:29	125,7.3	JLB
Paint Filter Liquid	Negative		-	0	NA	1	-	09/18/23 17:04	1,9095B	AAS



Project Name: SUN VALLEY SITE**Project Number:** 12060 / PHASE 8**Lab Number:** L2353853**Report Date:** 09/21/23**SAMPLE RESULTS****Lab ID:** L2353853-12**Client ID:** GRAB_D2(2.5-3)**Sample Location:** OSSINING, NY**Date Collected:** 09/14/23 14:45**Date Received:** 09/14/23**Field Prep:** Not Specified**Sample Depth:****Matrix:** Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	91.0		%	0.100	NA	1	-	09/15/23 11:35	121,2540G	ROI



Project Name: SUN VALLEY SITE

Lab Number: L2353853

Project Number: 12060 / PHASE 8

Report Date: 09/21/23

Method Blank Analysis Batch Quality Control

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab for sample(s): 01,03,05 Batch: WG1828216-1										
Cyanide, Total	ND		mg/kg	0.84	0.18	1	09/16/23 10:40	09/18/23 14:59	1,9010C/9012B	JER
General Chemistry - Westborough Lab for sample(s): 01,03,05,07,09,11 Batch: WG1828225-1										
Cyanide, Reactive	ND		mg/kg	10	10.	1	09/16/23 10:10	09/16/23 12:00	125,7.3	JLB
General Chemistry - Westborough Lab for sample(s): 01,03,05,07,09,11 Batch: WG1828226-1										
Sulfide, Reactive	ND		mg/kg	10	10.	1	09/16/23 10:10	09/16/23 11:20	125,7.3	JLB
General Chemistry - Westborough Lab for sample(s): 07,09,11 Batch: WG1828806-1										
Cyanide, Total	ND		mg/kg	0.88	0.19	1	09/18/23 19:15	09/18/23 23:58	1,9010C/9012B	JER
General Chemistry - Westborough Lab for sample(s): 01,03,05,07,09,11 Batch: WG1829273-1										
Chromium, Hexavalent	ND		mg/kg	0.800	0.160	1	09/19/23 14:39	09/21/23 12:35	1,7196A	DTH

Lab Control Sample Analysis

Batch Quality Control

Project Name: SUN VALLEY SITE

Project Number: 12060 / PHASE 8

Lab Number: L2353853

Report Date: 09/21/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01,03,05 Batch: WG1828216-2 WG1828216-3								
Cyanide, Total	150	Q	134	Q	80-120	22		35
General Chemistry - Westborough Lab Associated sample(s): 01,03,05,07,09,11 Batch: WG1828225-2								
Cyanide, Reactive	116		-		30-125	-		40
General Chemistry - Westborough Lab Associated sample(s): 01,03,05,07,09,11 Batch: WG1828226-2								
Sulfide, Reactive	67		-		60-125	-		40
General Chemistry - Westborough Lab Associated sample(s): 01,03,05,07,09,11 Batch: WG1828704-1								
pH	100		-		99-101	-		
General Chemistry - Westborough Lab Associated sample(s): 07,09,11 Batch: WG1828806-2 WG1828806-3								
Cyanide, Total	153	Q	122	Q	80-120	23		35
General Chemistry - Westborough Lab Associated sample(s): 01,03,05,07,09,11 Batch: WG1829273-2								
Chromium, Hexavalent	88		-		80-120	-		20

Matrix Spike Analysis

Batch Quality Control

Project Name: SUN VALLEY SITE
Project Number: 12060 / PHASE 8

Lab Number: L2353853
Report Date: 09/21/23

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01,03,05 MS Sample QC Batch ID: WG1828216-4 WG1828216-5 QC Sample: L2351918-01 Client ID:												
Cyanide, Total	ND	9.9	16	160	Q	15	150	Q	75-125	6		35
General Chemistry - Westborough Lab Associated sample(s): 07,09,11 MS Sample QC Batch ID: WG1828806-4 WG1828806-5 QC Sample: L2353482-05 Client ID:												
Cyanide, Total	ND	10	16	150	Q	16	150	Q	75-125	0		35
General Chemistry - Westborough Lab Associated sample(s): 01,03,05,07,09,11 COMP_D1(0-7) QC Batch ID: WG1829273-4 QC Sample: L2353853-01 Client ID:												
Chromium, Hexavalent	0.296J	1340	1290	96		-	-		75-125	-		20

Lab Duplicate Analysis *Batch Quality Control*

Project Name: SUN VALLEY SITE

Project Number: 12060 / PHASE 8

Lab Number: L2353853

Report Date: 09/21/23

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01-12 QC Batch ID: WG1827879-1 QC Sample: L2353853-01 Client ID: COMP_D1(0-7)						
Solids, Total	91.1	91.0	%	0		20
General Chemistry - Westborough Lab Associated sample(s): 01,03,05,07,09,11 QC Batch ID: WG1828225-3 QC Sample: L2353896-04 Client ID: DUP Sample						
Cyanide, Reactive	ND	ND	mg/kg	NC		40
General Chemistry - Westborough Lab Associated sample(s): 01,03,05,07,09,11 QC Batch ID: WG1828226-3 QC Sample: L2353896-04 Client ID: DUP Sample						
Sulfide, Reactive	ND	ND	mg/kg	NC		40
General Chemistry - Westborough Lab Associated sample(s): 01,03,05,07,09,11 QC Batch ID: WG1828704-2 QC Sample: L2353896-01 Client ID: DUP Sample						
pH	11.7	11.8	SU	1		5
General Chemistry - Westborough Lab Associated sample(s): 01,03,05,07,09,11 QC Batch ID: WG1829273-6 QC Sample: L2353853-01 Client ID: COMP_D1(0-7)						
Chromium, Hexavalent	0.296J	0.187J	mg/kg	NC		20

Project Name: SUN VALLEY SITE
Project Number: 12060 / PHASE 8

Serial_No: 09212316:29
Lab Number: L2353853
Report Date: 09/21/23

Sample Receipt and Container Information

Were project specific reporting limits specified? YES

Cooler Information

Cooler **Custody Seal**
A Absent

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2353853-01A	Metals Only-Glass 60mL/2oz unpreserved	A	NA		3.9	Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),TL-TI(180),CR-TI(180),NI-TI(180),AL-TI(180),SE-TI(180),PB-TI(180),ZN-TI(180),CU-TI(180),SB-TI(180),V-TI(180),CO-TI(180),HG-T(28),FE-TI(180),MG-TI(180),MN-TI(180),CA-TI(180),CD-TI(180),K-TI(180),NA-TI(180)
L2353853-01B	Glass 120ml/4oz unpreserved	A	NA		3.9	Y	Absent		NJEPH-TPH-CAT2(14),IGNIT-1030(14),NYTCL-8270(14),REACTS(14),TCN-9010(14),HERB-APA(14),PH-9045(1),NYTCL-8081(14),PAINTF(),REACTCN(14),NYTCL-8082(365),HEXCR-7196(30)
L2353853-01C	Plastic 2oz unpreserved for TS	A	NA		3.9	Y	Absent		TS(7)
L2353853-01D	Glass 500ml/16oz unpreserved	A	NA		3.9	Y	Absent		NJEPH-TPH-CAT2(14),IGNIT-1030(14),NYTCL-8270(14),REACTS(14),TCN-9010(14),HERB-APA(14),PH-9045(1),NYTCL-8081(14),PAINTF(),REACTCN(14),NYTCL-8082(365),HEXCR-7196(30)
L2353853-01E	Glass 500ml/16oz unpreserved	A	NA		3.9	Y	Absent		NJEPH-TPH-CAT2(14),IGNIT-1030(14),NYTCL-8270(14),REACTS(14),TCN-9010(14),HERB-APA(14),PH-9045(1),NYTCL-8081(14),PAINTF(),REACTCN(14),NYTCL-8082(365),HEXCR-7196(30)
L2353853-01X	Plastic 120ml HNO3 preserved Extracts	A	NA		3.9	Y	Absent		CD-CI(180),AS-CI(180),BA-CI(180),HG-C(28),PB-CI(180),CR-CI(180),SE-CI(180),AG-CI(180)
L2353853-01X9	Tumble Vessel	A	NA		3.9	Y	Absent		-
L2353853-02A	5 gram Encore Sampler	A	NA		3.9	Y	Absent		NYTCL-8260H(14),NYTCL-8260HLW(14)
L2353853-02B	5 gram Encore Sampler	A	NA		3.9	Y	Absent		NYTCL-8260H(14),NYTCL-8260HLW(14)
L2353853-02C	5 gram Encore Sampler	A	NA		3.9	Y	Absent		NYTCL-8260H(14),NYTCL-8260HLW(14)
L2353853-02X	Vial MeOH preserved split	A	NA		3.9	Y	Absent		NYTCL-8260H(14),NYTCL-8260HLW(14)
L2353853-02Y	Vial Water preserved split	A	NA		3.9	Y	Absent	15-SEP-23 11:23	NYTCL-8260H(14),NYTCL-8260HLW(14)
L2353853-02Z	Vial Water preserved split	A	NA		3.9	Y	Absent	15-SEP-23 11:23	NYTCL-8260H(14),NYTCL-8260HLW(14)

Project Name: SUN VALLEY SITE
Project Number: 12060 / PHASE 8

Serial_No: 09212316:29
Lab Number: L2353853
Report Date: 09/21/23

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2353853-03A	Metals Only-Glass 60mL/2oz unpreserved	A	NA		3.9	Y	Absent		BE-Ti(180),AS-Ti(180),BA-Ti(180),AG-Ti(180),AL-Ti(180),NI-Ti(180),TL-Ti(180),CR-Ti(180),PB-Ti(180),ZN-Ti(180),SE-Ti(180),CU-Ti(180),SB-Ti(180),CO-Ti(180),V-Ti(180),FE-Ti(180),MG-Ti(180),MN-Ti(180),HG-T(28),NA-Ti(180),CA-Ti(180),K-Ti(180),CD-Ti(180)
L2353853-03B	Glass 120ml/4oz unpreserved	A	NA		3.9	Y	Absent		NJEPH-TPH-CAT2(14),NYTCL-8270(14),IGNIT-1030(14),REACTS(14),TCN-9010(14),HERB-APA(14),PH-9045(1),NYTCL-8081(14),PAINTF(),NYTCL-8082(365),REACTCN(14),HEXCR-7196(30)
L2353853-03C	Plastic 2oz unpreserved for TS	A	NA		3.9	Y	Absent		TS(7)
L2353853-03D	Glass 500ml/16oz unpreserved	A	NA		3.9	Y	Absent		NJEPH-TPH-CAT2(14),NYTCL-8270(14),IGNIT-1030(14),REACTS(14),TCN-9010(14),HERB-APA(14),PH-9045(1),NYTCL-8081(14),PAINTF(),NYTCL-8082(365),REACTCN(14),HEXCR-7196(30)
L2353853-03E	Glass 500ml/16oz unpreserved	A	NA		3.9	Y	Absent		NJEPH-TPH-CAT2(14),NYTCL-8270(14),IGNIT-1030(14),REACTS(14),TCN-9010(14),HERB-APA(14),PH-9045(1),NYTCL-8081(14),PAINTF(),NYTCL-8082(365),REACTCN(14),HEXCR-7196(30)
L2353853-03X	Plastic 120ml HNO3 preserved Extracts	A	NA		3.9	Y	Absent		CD-CI(180),BA-CI(180),AS-CI(180),HG-C(28),PB-CI(180),SE-CI(180),CR-CI(180),AG-CI(180)
L2353853-03X9	Tumble Vessel	A	NA		3.9	Y	Absent		-
L2353853-04A	5 gram Encore Sampler	A	NA		3.9	Y	Absent		NYTCL-8260HLW(14)
L2353853-04B	5 gram Encore Sampler	A	NA		3.9	Y	Absent		NYTCL-8260HLW(14)
L2353853-04C	5 gram Encore Sampler	A	NA		3.9	Y	Absent		NYTCL-8260HLW(14)
L2353853-04X	Vial MeOH preserved split	A	NA		3.9	Y	Absent		NYTCL-8260HLW(14)
L2353853-04Y	Vial Water preserved split	A	NA		3.9	Y	Absent	15-SEP-23 11:23	NYTCL-8260HLW(14)
L2353853-04Z	Vial Water preserved split	A	NA		3.9	Y	Absent	15-SEP-23 11:23	NYTCL-8260HLW(14)
L2353853-05A	Metals Only-Glass 60mL/2oz unpreserved	A	NA		3.9	Y	Absent		BE-Ti(180),AS-Ti(180),BA-Ti(180),AG-Ti(180),AL-Ti(180),CR-Ti(180),TL-Ti(180),NI-Ti(180),CU-Ti(180),PB-Ti(180),ZN-Ti(180),SB-Ti(180),SE-Ti(180),V-Ti(180),CO-Ti(180),MG-Ti(180),MN-Ti(180),HG-T(28),FE-Ti(180),NA-Ti(180),K-Ti(180),CA-Ti(180),CD-Ti(180)
L2353853-05B	Glass 120ml/4oz unpreserved	A	NA		3.9	Y	Absent		NYTCL-8270(14),IGNIT-1030(14),NJEPH-TPH-CAT2(14),REACTS(14),TCN-9010(14),HERB-APA(14),PH-9045(1),NYTCL-8081(14),PAINTF(),NYTCL-8082(365),REACTCN(14),HEXCR-7196(30)

Project Name: SUN VALLEY SITE
Project Number: 12060 / PHASE 8

Serial_No: 09212316:29
Lab Number: L2353853
Report Date: 09/21/23

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2353853-05C	Plastic 2oz unpreserved for TS	A	NA		3.9	Y	Absent		TS(7)
L2353853-05D	Glass 500ml/16oz unpreserved	A	NA		3.9	Y	Absent		NYTCL-8270(14),IGNIT-1030(14),NJEPH-TPH-CAT2(14),REACTS(14),TCN-9010(14),HERB-APA(14),PH-9045(1),NYTCL-8081(14),PAINTF(),NYTCL-8082(365),REACTCN(14),HEXCR-7196(30)
L2353853-05E	Glass 500ml/16oz unpreserved	A	NA		3.9	Y	Absent		NYTCL-8270(14),IGNIT-1030(14),NJEPH-TPH-CAT2(14),REACTS(14),TCN-9010(14),HERB-APA(14),PH-9045(1),NYTCL-8081(14),PAINTF(),NYTCL-8082(365),REACTCN(14),HEXCR-7196(30)
L2353853-05X	Plastic 120ml HNO3 preserved Extracts	A	NA		3.9	Y	Absent		CD-CI(180),BA-CI(180),AS-CI(180),HG-C(28),PB-CI(180),CR-CI(180),SE-CI(180),AG-CI(180)
L2353853-05X9	Tumble Vessel	A	NA		3.9	Y	Absent		-
L2353853-06A	5 gram Encore Sampler	A	NA		3.9	Y	Absent		NYTCL-8260HLW(14)
L2353853-06B	5 gram Encore Sampler	A	NA		3.9	Y	Absent		NYTCL-8260HLW(14)
L2353853-06C	5 gram Encore Sampler	A	NA		3.9	Y	Absent		NYTCL-8260HLW(14)
L2353853-06X	Vial MeOH preserved split	A	NA		3.9	Y	Absent		NYTCL-8260HLW(14)
L2353853-06Y	Vial Water preserved split	A	NA		3.9	Y	Absent	15-SEP-23 11:23	NYTCL-8260HLW(14)
L2353853-06Z	Vial Water preserved split	A	NA		3.9	Y	Absent	15-SEP-23 11:23	NYTCL-8260HLW(14)
L2353853-07A	Metals Only-Glass 60mL/2oz unpreserved	A	NA		3.9	Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),CR-TI(180),TL-TI(180),AL-TI(180),NI-TI(180),PB-TI(180),SE-TI(180),CU-TI(180),ZN-TI(180),SB-TI(180),CO-TI(180),V-TI(180),MN-TI(180),FE-TI(180),MG-TI(180),HG-T(28),CA-TI(180),NA-TI(180),CD-TI(180),K-TI(180)
L2353853-07B	Glass 120ml/4oz unpreserved	A	NA		3.9	Y	Absent		IGNIT-1030(14),NJEPH-TPH-CAT2(14),NYTCL-8270(14),TCN-9010(14),REACTS(14),HERB-APA(14),PH-9045(1),NYTCL-8081(14),PAINTF(),REACTCN(14),NYTCL-8082(365),HEXCR-7196(30)
L2353853-07C	Plastic 2oz unpreserved for TS	A	NA		3.9	Y	Absent		TS(7)
L2353853-07D	Glass 500ml/16oz unpreserved	A	NA		3.9	Y	Absent		IGNIT-1030(14),NJEPH-TPH-CAT2(14),NYTCL-8270(14),TCN-9010(14),REACTS(14),HERB-APA(14),PH-9045(1),NYTCL-8081(14),PAINTF(),REACTCN(14),NYTCL-8082(365),HEXCR-7196(30)

Project Name: SUN VALLEY SITE
Project Number: 12060 / PHASE 8

Serial_No: 09212316:29
Lab Number: L2353853
Report Date: 09/21/23

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2353853-07E	Glass 500ml/16oz unpreserved	A	NA		3.9	Y	Absent		IGNIT-1030(14),NJEPH-TPH-CAT2(14),NYTCL-8270(14),TCN-9010(14),REACTS(14),HERB-APA(14),PH-9045(1),NYTCL-8081(14),PAINTF(),REACTCN(14),NYTCL-8082(365),HEXCR-7196(30)
L2353853-07X	Plastic 120ml HNO3 preserved Extracts	A	NA		3.9	Y	Absent		CD-CI(180),AS-CI(180),BA-CI(180),HG-C(28),PB-CI(180),CR-CI(180),SE-CI(180),AG-CI(180)
L2353853-07X9	Tumble Vessel	A	NA		3.9	Y	Absent		-
L2353853-08A	5 gram Encore Sampler	A	NA		3.9	Y	Absent		NYTCL-8260HLW(14)
L2353853-08B	5 gram Encore Sampler	A	NA		3.9	Y	Absent		NYTCL-8260HLW(14)
L2353853-08C	5 gram Encore Sampler	A	NA		3.9	Y	Absent		NYTCL-8260HLW(14)
L2353853-08X	Vial MeOH preserved split	A	NA		3.9	Y	Absent		NYTCL-8260HLW(14)
L2353853-08Y	Vial Water preserved split	A	NA		3.9	Y	Absent	15-SEP-23 11:23	NYTCL-8260HLW(14)
L2353853-08Z	Vial Water preserved split	A	NA		3.9	Y	Absent	15-SEP-23 11:23	NYTCL-8260HLW(14)
L2353853-09A	Metals Only-Glass 60mL/2oz unpreserved	A	NA		3.9	Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),NI-TI(180),CR-TI(180),AL-TI(180),TL-TI(180),SE-TI(180),ZN-TI(180),PB-TI(180),SB-TI(180),CU-TI(180),CO-TI(180),V-TI(180),MN-TI(180),FE-TI(180),MG-TI(180),HG-T(28),CA-TI(180),K-TI(180),NA-TI(180),CD-TI(180)
L2353853-09B	Glass 120ml/4oz unpreserved	A	NA		3.9	Y	Absent		NJEPH-TPH-CAT2(14),IGNIT-1030(14),TCN-9010(14),NYTCL-8270(14),REACTS(14),HERB-APA(14),PH-9045(1),NYTCL-8081(14),PAINTF(),REACTCN(14),NYTCL-8082(365),HEXCR-7196(30)
L2353853-09C	Plastic 2oz unpreserved for TS	A	NA		3.9	Y	Absent		TS(7)
L2353853-09D	Glass 500ml/16oz unpreserved	A	NA		3.9	Y	Absent		NJEPH-TPH-CAT2(14),IGNIT-1030(14),TCN-9010(14),NYTCL-8270(14),REACTS(14),HERB-APA(14),PH-9045(1),NYTCL-8081(14),PAINTF(),REACTCN(14),NYTCL-8082(365),HEXCR-7196(30)
L2353853-09E	Glass 500ml/16oz unpreserved	A	NA		3.9	Y	Absent		NJEPH-TPH-CAT2(14),IGNIT-1030(14),TCN-9010(14),NYTCL-8270(14),REACTS(14),HERB-APA(14),PH-9045(1),NYTCL-8081(14),PAINTF(),REACTCN(14),NYTCL-8082(365),HEXCR-7196(30)
L2353853-09X	Plastic 120ml HNO3 preserved Extracts	A	NA		3.9	Y	Absent		CD-CI(180),BA-CI(180),AS-CI(180),HG-C(28),PB-CI(180),CR-CI(180),SE-CI(180),AG-CI(180)
L2353853-09X9	Tumble Vessel	A	NA		3.9	Y	Absent		-

Project Name: SUN VALLEY SITE
Project Number: 12060 / PHASE 8

Serial_No:09212316:29
Lab Number: L2353853
Report Date: 09/21/23

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2353853-10A	5 gram Encore Sampler	A	NA		3.9	Y	Absent		NYTCL-8260HLW(14)
L2353853-10B	5 gram Encore Sampler	A	NA		3.9	Y	Absent		NYTCL-8260HLW(14)
L2353853-10C	5 gram Encore Sampler	A	NA		3.9	Y	Absent		NYTCL-8260HLW(14)
L2353853-10X	Vial MeOH preserved split	A	NA		3.9	Y	Absent		NYTCL-8260HLW(14)
L2353853-10Y	Vial Water preserved split	A	NA		3.9	Y	Absent	15-SEP-23 11:23	NYTCL-8260HLW(14)
L2353853-10Z	Vial Water preserved split	A	NA		3.9	Y	Absent	15-SEP-23 11:23	NYTCL-8260HLW(14)
L2353853-11A	Glass 120ml/4oz unpreserved	A	NA		3.9	Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),AL-TI(180),TL-TI(180),CR-TI(180),NI-TI(180),CU-TI(180),PB-TI(180),ZN-TI(180),SE-TI(180),SB-TI(180),CO-TI(180),V-TI(180),MG-TI(180),FE-TI(180),HG-T(28),MN-TI(180),CA-TI(180),K-TI(180),NA-TI(180),CD-TI(180)
L2353853-11B	Plastic 2oz unpreserved for TS	A	NA		3.9	Y	Absent		TS(7)
L2353853-11C	Glass 500ml/16oz unpreserved	A	NA		3.9	Y	Absent		NJEPH-TPH-CAT2(14),IGNIT-1030(14),TCN-9010(14),REACTS(14),NYTCL-8270(14),HERB-APA(14),PH-9045(1),NYTCL-8081(14),PAINTF(),NYTCL-8082(365),REACTCN(14),HEXCR-7196(30)
L2353853-11D	Glass 500ml/16oz unpreserved	A	NA		3.9	Y	Absent		NJEPH-TPH-CAT2(14),IGNIT-1030(14),TCN-9010(14),REACTS(14),NYTCL-8270(14),HERB-APA(14),PH-9045(1),NYTCL-8081(14),PAINTF(),NYTCL-8082(365),REACTCN(14),HEXCR-7196(30)
L2353853-11X	Plastic 120ml HNO3 preserved Extracts	A	NA		3.9	Y	Absent		CD-CI(180),AS-CI(180),BA-CI(180),HG-C(28),PB-CI(180),SE-CI(180),CR-CI(180),AG-CI(180)
L2353853-11X9	Tumble Vessel	A	NA		3.9	Y	Absent		-
L2353853-12A	5 gram Encore Sampler	A	NA		3.9	Y	Absent		NYTCL-8260HLW(14)
L2353853-12B	5 gram Encore Sampler	A	NA		3.9	Y	Absent		NYTCL-8260HLW(14)
L2353853-12C	5 gram Encore Sampler	A	NA		3.9	Y	Absent		NYTCL-8260HLW(14)
L2353853-12X	Vial MeOH preserved split	A	NA		3.9	Y	Absent		NYTCL-8260HLW(14)
L2353853-12Y	Vial Water preserved split	A	NA		3.9	Y	Absent	15-SEP-23 11:23	NYTCL-8260HLW(14)
L2353853-12Z	Vial Water preserved split	A	NA		3.9	Y	Absent	15-SEP-23 11:23	NYTCL-8260HLW(14)

Project Name: SUN VALLEY SITE
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GLOSSARY

Acronyms

DL	- Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the limit of quantitation (LOQ). The DL includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
EDL	- Estimated Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The EDL includes any adjustments from dilutions, concentrations or moisture content, where applicable. The use of EDLs is specific to the analysis of PAHs using Solid-Phase Microextraction (SPME).
EMPC	- Estimated Maximum Possible Concentration: The concentration that results from the signal present at the retention time of an analyte when the ions meet all of the identification criteria except the ion abundance ratio criteria. An EMPC is a worst-case estimate of the concentration.
EPA	- Environmental Protection Agency.
LCS	- Laboratory Control Sample: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.
LCSD	- Laboratory Control Sample Duplicate: Refer to LCS.
LFB	- Laboratory Fortified Blank: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.
LOD	- Limit of Detection: This value represents the level to which a target analyte can reliably be detected for a specific analyte in a specific matrix by a specific method. The LOD includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
LOQ	- Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.) Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
MDL	- Method Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The MDL includes any adjustments from dilutions, concentrations or moisture content, where applicable.
MS	- Matrix Spike Sample: A sample prepared by adding a known mass of target analyte to a specified amount of matrix sample for which an independent estimate of target analyte concentration is available. For Method 332.0, the spike recovery is calculated using the native concentration, including estimated values.
MSD	- Matrix Spike Sample Duplicate: Refer to MS.
NA	- Not Applicable.
NC	- Not Calculated: Term is utilized when one or more of the results utilized in the calculation are non-detect at the parameter's reporting unit.
NDPA/DPA	- N-Nitrosodiphenylamine/Diphenylamine.
NI	- Not Ignitable.
NP	- Non-Plastic: Term is utilized for the analysis of Atterberg Limits in soil.
NR	- No Results: Term is utilized when 'No Target Compounds Requested' is reported for the analysis of Volatile or Semivolatile Organic TIC only requests.
RL	- Reporting Limit: The value at which an instrument can accurately measure an analyte at a specific concentration. The RL includes any adjustments from dilutions, concentrations or moisture content, where applicable.
RPD	- Relative Percent Difference: The results from matrix and/or matrix spike duplicates are primarily designed to assess the precision of analytical results in a given matrix and are expressed as relative percent difference (RPD). Values which are less than five times the reporting limit for any individual parameter are evaluated by utilizing the absolute difference between the values; although the RPD value will be provided in the report.
SRM	- Standard Reference Material: A reference sample of a known or certified value that is of the same or similar matrix as the associated field samples.
STLP	- Semi-dynamic Tank Leaching Procedure per EPA Method 1315.
TEF	- Toxic Equivalency Factors: The values assigned to each dioxin and furan to evaluate their toxicity relative to 2,3,7,8-TCDD.
TEQ	- Toxic Equivalent: The measure of a sample's toxicity derived by multiplying each dioxin and furan by its corresponding TEF and then summing the resulting values.
TIC	- Tentatively Identified Compound: A compound that has been identified to be present and is not part of the target compound list (TCL) for the method and/or program. All TICs are qualitatively identified and reported as estimated concentrations.

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Footnotes

- 1 - The reference for this analyte should be considered modified since this analyte is absent from the target analyte list of the original method.

Terms

Analytical Method: Both the document from which the method originates and the analytical reference method. (Example: EPA 8260B is shown as 1,8260B.) The codes for the reference method documents are provided in the References section of the Addendum.

Chlordane: The target compound Chlordane (CAS No. 57-74-9) is reported for GC ECD analyses. Per EPA, this compound "refers to a mixture of chlordane isomers, other chlorinated hydrocarbons and numerous other components." (Reference: USEPA Toxicological Review of Chlordane, In Support of Summary Information on the Integrated Risk Information System (IRIS), December 1997.)

Difference: With respect to Total Oxidizable Precursor (TOP) Assay analysis, the difference is defined as the Post-Treatment value minus the Pre-Treatment value.

Final pH: As it pertains to Sample Receipt & Container Information section of the report, Final pH reflects pH of container determined after adjustment at the laboratory, if applicable. If no adjustment required, value reflects Initial pH.

Frozen Date/Time: With respect to Volatile Organics in soil, Frozen Date/Time reflects the date/time at which associated Reagent Water-preserved vials were initially frozen. Note: If frozen date/time is beyond 48 hours from sample collection, value will be reflected in 'bold'.

Gasoline Range Organics (GRO): Gasoline Range Organics (GRO) results include all chromatographic peaks eluting from Methyl tert butyl ether through Naphthalene, with the exception of GRO analysis in support of State of Ohio programs, which includes all chromatographic peaks eluting from Hexane through Dodecane.

Initial pH: As it pertains to Sample Receipt & Container Information section of the report, Initial pH reflects pH of container determined upon receipt, if applicable.

PAH Total: With respect to Alkylated PAH analyses, the 'PAHs, Total' result is defined as the summation of results for all or a subset of the following compounds: Naphthalene, C1-C4 Naphthalenes, 2-Methylnaphthalene, 1-Methylnaphthalene, Biphenyl, Acenaphthylene, Acenaphthene, Fluorene, C1-C3 Fluorenes, Phenanthrene, C1-C4 Phenanthrenes/Anthracenes, Anthracene, Fluoranthene, Pyrene, C1-C4 Fluoranthenes/Pyrenes, Benz(a)anthracene, Chrysene, C1-C4 Chrysenes, Benzo(b)fluoranthene, Benzo(j)+(k)fluoranthene, Benzo(e)pyrene, Benzo(a)pyrene, Perylene, Indeno(1,2,3-cd)pyrene, Dibenz(ah)+(ac)anthracene, Benzo(g,h,i)perylene. If a 'Total' result is requested, the results of its individual components will also be reported.

PFAS Total: With respect to PFAS analyses, the 'PFAS, Total (5)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA and PFOS. In addition, the 'PFAS, Total (6)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA, PFDA and PFOS. For MassDEP DW compliance analysis only, the 'PFAS, Total (6)' result is defined as the summation of results at or above the RL. Note: If a 'Total' result is requested, the results of its individual components will also be reported.

Total: With respect to Organic analyses, a 'Total' result is defined as the summation of results for individual isomers or Aroclors. If a 'Total' result is requested, the results of its individual components will also be reported. This is applicable to 'Total' results for methods 8260, 8081 and 8082.

Data Qualifiers

- A** - Spectra identified as "Aldol Condensates" are byproducts of the extraction/concentration procedures when acetone is introduced in the process.
- B** - The analyte was detected above the reporting limit in the associated method blank. Flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For MCP-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For DOD-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank AND the analyte was detected above one-half the reporting limit (or above the reporting limit for common lab contaminants) in the associated method blank. For NJ-Air-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte above the reporting limit. For NJ-related projects (excluding Air), flag only applies to associated field samples that have detectable concentrations of the analyte, which was detected above the reporting limit in the associated method blank or above five times the reporting limit for common lab contaminants (Phthalates, Acetone, Methylene Chloride, 2-Butanone).
- C** - Co-elution: The target analyte co-elutes with a known lab standard (i.e. surrogate, internal standards, etc.) for co-extracted analyses.
- D** - Concentration of analyte was quantified from diluted analysis. Flag only applies to field samples that have detectable concentrations of the analyte.
- E** - Concentration of analyte exceeds the range of the calibration curve and/or linear range of the instrument.
- F** - The ratio of quantifier ion response to qualifier ion response falls outside of the laboratory criteria. Results are considered to be an estimated maximum concentration.
- G** - The concentration may be biased high due to matrix interferences (i.e. co-elution) with non-target compound(s). The result should be considered estimated.
- H** - The analysis of pH was performed beyond the regulatory-required holding time of 15 minutes from the time of sample collection.
- I** - The lower value for the two columns has been reported due to obvious interference.
- J** - Estimated value. The Target analyte concentration is below the quantitation limit (RL), but above the Method Detection Limit (MDL) or Estimated Detection Limit (EDL) for SPME-related analyses. This represents an estimated concentration for Tentatively

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Data Qualifiers

Identified Compounds (TICs). For calculated parameters, this represents that one or more values used in the calculation were estimated.

- M** - Reporting Limit (RL) exceeds the MCP CAM Reporting Limit for this analyte.
- ND** - Not detected at the method detection limit (MDL) for the sample, or estimated detection limit (EDL) for SPME-related analyses.
- NJ** - Presumptive evidence of compound. This represents an estimated concentration for Tentatively Identified Compounds (TICs), where the identification is based on a mass spectral library search.
- P** - The RPD between the results for the two columns exceeds the method-specified criteria.
- Q** - The quality control sample exceeds the associated acceptance criteria. For DOD-related projects, LCS and/or Continuing Calibration Standard exceedences are also qualified on all associated sample results. Note: This flag is not applicable for matrix spike recoveries when the sample concentration is greater than 4x the spike added or for batch duplicate RPD when the sample concentrations are less than 5x the RL. (Metals only.)
- R** - Analytical results are from sample re-analysis.
- RE** - Analytical results are from sample re-extraction.
- S** - Analytical results are from modified screening analysis.
- V** - The surrogate associated with this target analyte has a recovery outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)
- Z** - The batch matrix spike and/or duplicate associated with this target analyte has a recovery/RPD outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)

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REFERENCES

- 1 Test Methods for Evaluating Solid Waste: Physical/Chemical Methods. EPA SW-846. Third Edition. Updates I - VI, 2018.
- 103 Analysis of Extractable Petroleum Hydrocarbon Compounds (EPH) in Aqueous and Soil/Sediment/Sludge Matrices. New Jersey Department of Environmental Protection, Site Remediation Program, (Version 1.1), Document # NJDEP EPH 10/08, Revision 3, August 2010.
- 121 Standard Methods for the Examination of Water and Wastewater. APHA-AWWA-WEF. Standard Methods Online.
- 125 Test Methods for Evaluating Solid Waste: Physical/Chemical Methods. EPA SW-846. Third Edition. Updates IIIA, April 1998.

LIMITATION OF LIABILITIES

Alpha Analytical performs services with reasonable care and diligence normal to the analytical testing laboratory industry. In the event of an error, the sole and exclusive responsibility of Alpha Analytical shall be to re-perform the work at it's own expense. In no event shall Alpha Analytical be held liable for any incidental, consequential or special damages, including but not limited to, damages in any way connected with the use of, interpretation of, information or analysis provided by Alpha Analytical.

We strongly urge our clients to comply with EPA protocol regarding sample volume, preservation, cooling, containers, sampling procedures, holding time and splitting of samples in the field.



Alpha Analytical, Inc.Facility: **Company-wide**Department: **Quality Assurance**Title: **Certificate/Approval Program Summary**ID No.: **17873**

Revision 20

Published Date: 6/16/2023 4:52:28 PM

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Certification Information

The following analytes are not included in our Primary NELAP Scope of Accreditation:

Westborough Facility**EPA 624.1:** m/p-xylene, o-xylene, Naphthalene**EPA 625.1:** alpha-Terpineol**EPA 8260D:** NPW: 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene, Azobenzene; SCM: Iodomethane (methyl iodide), 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene.**EPA 8270E:** NPW: Dimethylnaphthalene, 1,4-Diphenylhydrazine, alpha-Terpineol; SCM: Dimethylnaphthalene, 1,4-Diphenylhydrazine.**SM4500:** NPW: Amenable Cyanide; SCM: Total Phosphorus, TKN, NO₂, NO₃.**Mansfield Facility****SM 2540D:** TSS.**EPA TO-15:** Halothane, 2,4,4-Trimethyl-2-pentene, 2,4,4-Trimethyl-1-pentene, Thiophene, 2-Methylthiophene,

3-Methylthiophene, 2-Ethylthiophene, 1,2,3-Trimethylbenzene, Indan, Indene, 1,2,4,5-Tetramethylbenzene, Benzothiophene, 1-Methylnaphthalene.

Biological Tissue Matrix: EPA 3050B

The following analytes are included in our Massachusetts DEP Scope of Accreditation

Westborough Facility:**Drinking Water****EPA 300.0:** Chloride, Nitrate-N, Fluoride, Sulfate; **EPA 353.2:** Nitrate-N, Nitrite-N; **SM4500NO3-F:** Nitrate-N, Nitrite-N; **SM4500F-C, SM4500CN-CE,****EPA 180.1, SM2130B, SM4500Cl-D, SM2320B, SM2540C, SM4500H-B, SM4500NO2-B****EPA 524.2:** THMs and VOCs; **EPA 504.1:** EDB, DBCP.**Microbiology:** **SM9215B; SM9223-P/A, SM9223B-Colilert-QT, SM9222D.****Non-Potable Water****SM4500H,B, EPA 120.1, SM2510B, SM2540C, SM2320B, SM4500CL-E, SM4500F-BC, SM4500NH3-BH:** Ammonia-N and Kjeldahl-N, **EPA 350.1:**Ammonia-N, **LACHAT 10-107-06-1-B:** Ammonia-N, **EPA 351.1, SM4500NO3-F, EPA 353.2:** Nitrate-N, **SM4500P-E, SM4500P-B, E, SM4500SO4-E,****SM5220D, EPA 410.4, SM5210B, SM5310C, SM4500CL-D, EPA 1664, EPA 420.1, SM4500-CN-CE, SM2540D, EPA 300:** Chloride, Sulfate, Nitrate.**EPA 624.1:** Volatile Halocarbons & Aromatics,**EPA 608.3:** Chlordane, Toxaphene, Aldrin, alpha-BHC, beta-BHC, gamma-BHC, delta-BHC, Dieldrin, DDD, DDE, DDT, Endosulfan I, Endosulfan II,

Endosulfan sulfate, Endrin, Endrin Aldehyde, Heptachlor, Heptachlor Epoxide, PCBs

EPA 625.1: SVOC (Acid/Base/Neutral Extractables).**Microbiology:** **SM9223B-Colilert-QT; Enterolert-QT, SM9221E, EPA 1600, EPA 1603, SM9222D.****Mansfield Facility:****Drinking Water****EPA 200.7:** Al, Ba, Cd, Cr, Cu, Fe, Mn, Ni, Na, Ag, Ca, Zn. **EPA 200.8:** Al, Sb, As, Ba, Be, Cd, Cr, Cu, Pb, Mn, Ni, Se, Ag, TL, Zn. **EPA 245.1** Hg.**EPA 522, EPA 537.1.****Non-Potable Water****EPA 200.7:** Al, Sb, As, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Mo, Ni, K, Se, Ag, Na, Sr, TL, Ti, V, Zn.**EPA 200.8:** Al, Sb, As, Be, Cd, Cr, Cu, Fe, Pb, Mn, Ni, K, Se, Ag, Na, TL, Zn.**EPA 245.1** Hg.**SM2340B**

For a complete listing of analytes and methods, please contact your Alpha Project Manager.

 NEW YORK CHAIN OF CUSTODY		Service Centers Mahwah, NJ 07430: 35 Whitney Rd, Suite 5 Albany, NY 12205: 14 Walker Way Tonawanda, NY 14150: 275 Cooper Ave, Suite 105		Page <u>1</u> of <u>2</u>		Date Rec'd in Lab <u>9/15/23</u>		ALPHA Job # <u>L2353853</u>	
Westborough, MA 01581 8 Walkup Dr. TEL: 508-898-9220 FAX: 508-898-9193		Mansfield, MA 02048 320 Forbes Blvd TEL: 508-822-9300 FAX: 508-822-3288		Project Information Project Name: <u>Sun Valley</u> Project Location: <u>Ossining, NY</u> Project # <u>12060 / Phase 8</u> (Use Project name as Project #) ☐		Deliverables ☐ ASP-A ☒ ASP-B ☐ EQUIS (1 File) ☒ EQUIS (4 File) ☐ Other		Billing Information ☒ Same as Client Info PO #	
Client Information Client: <u>SESI Consulting</u> Address: <u>959 RT 46</u> <u>Parsippany, NJ</u> Phone: <u>973 809 9090</u> Fax: Email: <u>monica.norton@sesi.com</u>		Project Manager: <u>James Vander Vilet</u> ALPHAQuote #: Turn-Around Time Standard ☒ Rush (only if pre approved) ☐ Due Date: # of Days:		Regulatory Requirement ☐ NY TOGS ☐ NY Part 375 ☐ AWQ Standards ☐ NY CP-51 ☒ NY Restricted Use ☐ Other ☒ NY Unrestricted Use ☐ NYC Sewer Discharge		Disposal Site Information Please identify below location of applicable disposal facilities. Disposal Facility: ☐ NJ ☐ NY ☐ Other:			
These samples have been previously analyzed by Alpha ☐				ANALYSIS				Sample Filtration ☐ Done ☐ Lab to do Preservation ☐ Lab to do (Please Specify below)	
Other project specific requirements/comments: <u>Take Both Comp & Grab TS from the</u> <u>TS Bottleware labeled for Comp.</u> Please specify Metals or TAL. <u>(Grabs, only Analyze for voc)</u>				ANALYSIS VOCs + 15 5 VOCs, PCBs Pest/Herb TAL Metals Total Organic EPA (10+2) Pesticides + PCBs Chlordane TCP Meth HexChlor				Sample Specific Comments	
ALPHA Lab ID (Lab Use Only)		Sample ID		Collection Date Time		Sample Matrix		Sampler's Initials	
53853-01		Comp-D1 (0-7)		9/14/23 950		S		RR	
02		Grab-D1 (6.5-7)		950		S		RR	
03		Comp-C2 (0-7)		1245		S		RR	
04		Grab-C2 (3-3.5)		1245		S		RR	
05		Comp-D1 (7-15)		955		S		RR	
06		Grab-D1 (10.5-11)		955		S		RR	
07		Comp-C2 (7-17)		1255		S		RR	
08		Grab-C2 (12.5-13)		1255		S		RR	
09		Comp-D2 (0-7)		1445		S		RR	
10		Grab-D2 (7.5-8)		1455		S		RR	
Preservative Code: A = None B = HCl C = HNO ₃ D = H ₂ SO ₄ E = NaOH F = MeOH G = NaHSO ₄ H = Na ₂ S ₂ O ₃ K/E = Zn Ac/NaOH O = Other		Container Code: P = Plastic A = Amber Glass V = Vial G = Glass B = Bacteria Cup C = Cube O = Other E = Encore D = BOD Bottle		Westboro: Certification No: MA935 Mansfield: Certification No: MA015		Container Type		Preservative	
Relinquished By:		Date/Time		Received By:		Date/Time		Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. BY EXECUTING THIS COC, THE CLIENT HAS READ AND AGREES TO BE BOUND BY ALPHA'S TERMS & CONDITIONS. (See reverse side.)	
Benne Rynnos		9/14/23 1625		Anthony Green		9/14/23 1630			
Anthony Green		9/15/23 0145				9/15/23 0145			
		9/15/23 0345				9/15/23 0345			



ANALYTICAL REPORT

Lab Number:	L2354250
Client:	Soils Engineering Services, Inc. 959 Route 46E Parsippany, NJ 07054
ATTN:	James Vander Vliet
Phone:	(973) 808-9050
Project Name:	SUN VALLEY SITE
Project Number:	12060 / PHASE 8
Report Date:	09/22/23

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Certifications & Approvals: MA (M-MA086), NH NELAP (2064), CT (PH-0826), IL (200077), IN (C-MA-03), KY (KY98045), ME (MA00086), MD (348), NJ (MA935), NY (11148), NC (25700/666), OH (CL108), OR (MA-1316), PA (68-03671), RI (LAO00065), TX (T104704476), VT (VT-0935), VA (460195), USDA (Permit #525-23-122-91930).

Eight Walkup Drive, Westborough, MA 01581-1019
508-898-9220 (Fax) 508-898-9193 800-624-9220 - www.alphalab.com



Project Name: SUN VALLEY SITE
Project Number: 12060 / PHASE 8

Lab Number: L2354250
Report Date: 09/22/23

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L2354250-01	COMP_A1(0-7)	SOIL	OSSINING, NY	09/15/23 09:40	09/15/23
L2354250-02	GRAB_A1(0.5-1)	SOIL	OSSINING, NY	09/15/23 09:40	09/15/23
L2354250-03	COMP_A1(7-14)	SOIL	OSSINING, NY	09/15/23 10:40	09/15/23
L2354250-04	GRAB_A1(7-7.5)	SOIL	OSSINING, NY	09/15/23 10:40	09/15/23
L2354250-05	COMP_A1(14-20)	SOIL	OSSINING, NY	09/15/23 10:45	09/15/23
L2354250-06	GRAB_A1(17-17.5)	SOIL	OSSINING, NY	09/15/23 10:45	09/15/23
L2354250-07	COMP_A2(0-7)	SOIL	OSSINING, NY	09/15/23 15:00	09/15/23
L2354250-08	GRAB_A2(5.0-5.5)	SOIL	OSSINING, NY	09/15/23 14:50	09/15/23
L2354250-09	COMP_A2(7-19)	SOIL	OSSINING, NY	09/15/23 15:00	09/15/23
L2354250-10	GRAB_A2(15-15.5)	SOIL	OSSINING, NY	09/15/23 14:55	09/15/23

Project Name: SUN VALLEY SITE
Project Number: 12060 / PHASE 8

Lab Number: L2354250
Report Date: 09/22/23

Case Narrative

The samples were received in accordance with the Chain of Custody and no significant deviations were encountered during the preparation or analysis unless otherwise noted. Sample Receipt, Container Information, and the Chain of Custody are located at the back of the report.

Results contained within this report relate only to the samples submitted under this Alpha Lab Number and meet NELAP requirements for all NELAP accredited parameters unless otherwise noted in the following narrative. The data presented in this report is organized by parameter (i.e. VOC, SVOC, etc.). Sample specific Quality Control data (i.e. Surrogate Spike Recovery) is reported at the end of the target analyte list for each individual sample, followed by the Laboratory Batch Quality Control at the end of each parameter. Tentatively Identified Compounds (TICs), if requested, are reported for compounds identified to be present and are not part of the method/program Target Compound List, even if only a subset of the TCL are being reported. If a sample was re-analyzed or re-extracted due to a required quality control corrective action and if both sets of data are reported, the Laboratory ID of the re-analysis or re-extraction is designated with an "R" or "RE", respectively.

When multiple Batch Quality Control elements are reported (e.g. more than one LCS), the associated samples for each element are noted in the grey shaded header line of each data table. Any Laboratory Batch, Sample Specific % recovery or RPD value that is outside the listed Acceptance Criteria is bolded in the report. In reference to questions H (CAM) or 4 (RCP) when "NO" is checked, the performance criteria for CAM and RCP methods allow for some quality control failures to occur and still be within method compliance. In these instances, the specific failure is not narrated but noted in the associated QC Outlier Summary Report, located directly after the Case Narrative. QC information is also incorporated in the Data Usability Assessment table (Format 11) of our Data Merger tool, where it can be reviewed in conjunction with the sample result, associated regulatory criteria and any associated data usability implications.

Soil/sediments, solids and tissues are reported on a dry weight basis unless otherwise noted. Definitions of all data qualifiers and acronyms used in this report are provided in the Glossary located at the back of the report.

HOLD POLICY - For samples submitted on hold, Alpha's policy is to hold samples (with the exception of Air canisters) free of charge for 21 calendar days from the date the project is completed. After 21 calendar days, we will dispose of all samples submitted including those put on hold unless you have contacted your Alpha Project Manager and made arrangements for Alpha to continue to hold the samples. Air canisters will be disposed after 3 business days from the date the project is completed.

Please contact Project Management at 800-624-9220 with any questions.

Project Name: SUN VALLEY SITE
Project Number: 12060 / PHASE 8

Lab Number: L2354250
Report Date: 09/22/23

Case Narrative (continued)

Report Submission

All non-detect (ND) or estimated concentrations (J-qualified) have been quantitated to the limit noted in the MDL column.

Volatile Organics

L2354250-02: The sample was analyzed as a High Level Methanol in order to quantitate results within the calibration range. The result should be considered estimated, and is qualified with an E flag, for any compound that exceeded the calibration on the initial Low Level analysis. The results of both analyses are reported.

L2354250-04: The 2-butanone result should be considered estimated due to co-elution with a non-target compound.

Total Metals

L2354250-01, -03, -05, -07, and -09: The sample has elevated detection limits for all elements, with the exception of mercury, due to the dilution required by the sample matrix.

Cyanide, Total

The WG1829083-2/-3 LCS/LCSD recoveries for cyanide, total (136%/131%), associated with L2354250-01, -03, -05, and -07, are outside our in-house acceptance criteria, but within the vendor-certified acceptance limits. The results of the original analyses are reported.

The WG1829085-2/-3 LCS/LCSD recoveries for cyanide, total (136%/131%), associated with L2354250-09, are outside our in-house acceptance criteria, but within the vendor-certified acceptance limits. The results of the original analyses are reported.

I, the undersigned, attest under the pains and penalties of perjury that, to the best of my knowledge and belief and based upon my personal inquiry of those responsible for providing the information contained in this analytical report, such information is accurate and complete. This certificate of analysis is not complete unless this page accompanies any and all pages of this report.

Authorized Signature:



Kelly Stenstrom

Title: Technical Director/Representative

Date: 09/22/23

ORGANICS

VOLATILES

Project Name: SUN VALLEY SITE
Project Number: 12060 / PHASE 8

Lab Number: L2354250
Report Date: 09/22/23

SAMPLE RESULTS

Lab ID: L2354250-02
Client ID: GRAB_A1(0.5-1)
Sample Location: OSSINING, NY

Date Collected: 09/15/23 09:40
Date Received: 09/15/23
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 09/20/23 14:28
Analyst: LAC
Percent Solids: 95%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	5.0	2.3	1
1,1-Dichloroethane	ND		ug/kg	1.0	0.14	1
Chloroform	ND		ug/kg	1.5	0.14	1
Carbon tetrachloride	ND		ug/kg	1.0	0.23	1
1,2-Dichloropropane	ND		ug/kg	1.0	0.12	1
Dibromochloromethane	ND		ug/kg	1.0	0.14	1
1,1,2-Trichloroethane	ND		ug/kg	1.0	0.27	1
Tetrachloroethene	ND		ug/kg	0.50	0.20	1
Chlorobenzene	ND		ug/kg	0.50	0.13	1
Trichlorofluoromethane	ND		ug/kg	4.0	0.69	1
1,2-Dichloroethane	ND		ug/kg	1.0	0.26	1
1,1,1-Trichloroethane	ND		ug/kg	0.50	0.17	1
Bromodichloromethane	ND		ug/kg	0.50	0.11	1
trans-1,3-Dichloropropene	ND		ug/kg	1.0	0.27	1
cis-1,3-Dichloropropene	ND		ug/kg	0.50	0.16	1
1,3-Dichloropropene, Total	ND		ug/kg	0.50	0.16	1
1,1-Dichloropropene	ND		ug/kg	0.50	0.16	1
Bromoform	ND		ug/kg	4.0	0.24	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.50	0.16	1
Benzene	4.2		ug/kg	0.50	0.16	1
Toluene	1.5		ug/kg	1.0	0.54	1
Ethylbenzene	180		ug/kg	1.0	0.14	1
Chloromethane	ND		ug/kg	4.0	0.93	1
Bromomethane	ND		ug/kg	2.0	0.58	1
Vinyl chloride	ND		ug/kg	1.0	0.33	1
Chloroethane	ND		ug/kg	2.0	0.45	1
1,1-Dichloroethene	ND		ug/kg	1.0	0.24	1
trans-1,2-Dichloroethene	ND		ug/kg	1.5	0.14	1

Project Name: SUN VALLEY SITE

Lab Number: L2354250

Project Number: 12060 / PHASE 8

Report Date: 09/22/23

SAMPLE RESULTS

Lab ID: L2354250-02
 Client ID: GRAB_A1(0.5-1)
 Sample Location: OSSINING, NY

Date Collected: 09/15/23 09:40
 Date Received: 09/15/23
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Trichloroethene	ND		ug/kg	0.50	0.14	1
1,2-Dichlorobenzene	ND		ug/kg	2.0	0.14	1
1,3-Dichlorobenzene	ND		ug/kg	2.0	0.15	1
1,4-Dichlorobenzene	ND		ug/kg	2.0	0.17	1
Methyl tert butyl ether	ND		ug/kg	2.0	0.20	1
p/m-Xylene	10		ug/kg	2.0	0.56	1
o-Xylene	1.3		ug/kg	1.0	0.29	1
Xylenes, Total	11		ug/kg	1.0	0.29	1
cis-1,2-Dichloroethene	ND		ug/kg	1.0	0.17	1
1,2-Dichloroethene, Total	ND		ug/kg	1.0	0.14	1
Dibromomethane	ND		ug/kg	2.0	0.24	1
Styrene	ND		ug/kg	1.0	0.20	1
Dichlorodifluoromethane	ND		ug/kg	10	0.91	1
Acetone	58		ug/kg	10	4.8	1
Carbon disulfide	ND		ug/kg	10	4.5	1
2-Butanone	ND		ug/kg	10	2.2	1
Vinyl acetate	ND		ug/kg	10	2.1	1
4-Methyl-2-pentanone	ND		ug/kg	10	1.3	1
1,2,3-Trichloropropane	ND		ug/kg	2.0	0.13	1
2-Hexanone	ND		ug/kg	10	1.2	1
Bromochloromethane	ND		ug/kg	2.0	0.20	1
2,2-Dichloropropane	ND		ug/kg	2.0	0.20	1
1,2-Dibromoethane	ND		ug/kg	1.0	0.28	1
1,3-Dichloropropane	ND		ug/kg	2.0	0.17	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.50	0.13	1
Bromobenzene	ND		ug/kg	2.0	0.14	1
n-Butylbenzene	120		ug/kg	1.0	0.17	1
sec-Butylbenzene	64		ug/kg	1.0	0.14	1
tert-Butylbenzene	0.79	J	ug/kg	2.0	0.12	1
o-Chlorotoluene	ND		ug/kg	2.0	0.19	1
p-Chlorotoluene	ND		ug/kg	2.0	0.11	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.0	1.0	1
Hexachlorobutadiene	ND		ug/kg	4.0	0.17	1
Isopropylbenzene	100		ug/kg	1.0	0.11	1
p-Isopropyltoluene	4.4		ug/kg	1.0	0.11	1
Naphthalene	580	E	ug/kg	4.0	0.65	1
Acrylonitrile	ND		ug/kg	4.0	1.1	1

Project Name: SUN VALLEY SITE

Lab Number: L2354250

Project Number: 12060 / PHASE 8

Report Date: 09/22/23

SAMPLE RESULTS

Lab ID: L2354250-02
 Client ID: GRAB_A1(0.5-1)
 Sample Location: OSSINING, NY

Date Collected: 09/15/23 09:40
 Date Received: 09/15/23
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
n-Propylbenzene	410	E	ug/kg	1.0	0.17	1
1,2,3-Trichlorobenzene	ND		ug/kg	2.0	0.32	1
1,2,4-Trichlorobenzene	ND		ug/kg	2.0	0.27	1
1,3,5-Trimethylbenzene	28		ug/kg	2.0	0.19	1
1,2,4-Trimethylbenzene	78		ug/kg	2.0	0.33	1
1,4-Dioxane	ND		ug/kg	80	35.	1
p-Diethylbenzene	140		ug/kg	2.0	0.18	1
p-Ethyltoluene	61		ug/kg	2.0	0.38	1
1,2,4,5-Tetramethylbenzene	450	E	ug/kg	2.0	0.19	1
Ethyl ether	ND		ug/kg	2.0	0.34	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	5.0	1.4	1

Tentatively Identified Compounds

Total TIC Compounds	1740	J	ug/kg			1
Unknown Benzene	406	J	ug/kg			1
Pentane, 2,3,4-trimethyl-	35.9	NJ	ug/kg			1
Unknown Aromatic	60.2	J	ug/kg			1
Unknown Aromatic	83.2	J	ug/kg			1
Unknown Benzene	42.0	J	ug/kg			1
Heptane	43.9	NJ	ug/kg			1
Unknown Aromatic	58.5	J	ug/kg			1
Unknown Aromatic	137	J	ug/kg			1
Unknown Aromatic	107	J	ug/kg			1
Heptane, 3-methyl-	73.8	NJ	ug/kg			1
Heptane, 2-methyl-	44.9	NJ	ug/kg			1
Unknown Aromatic	110	J	ug/kg			1
Unknown Benzene	455	J	ug/kg			1
Unknown Aromatic	42.8	J	ug/kg			1
Unknown Benzene	35.5	J	ug/kg			1

Project Name: SUN VALLEY SITE
Project Number: 12060 / PHASE 8

Lab Number: L2354250
Report Date: 09/22/23

SAMPLE RESULTS

Lab ID: L2354250-02
Client ID: GRAB_A1(0.5-1)
Sample Location: OSSINING, NY

Date Collected: 09/15/23 09:40
Date Received: 09/15/23
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	77		70-130
Toluene-d8	99		70-130
4-Bromofluorobenzene	127		70-130
Dibromofluoromethane	78		70-130

Project Name: SUN VALLEY SITE
Project Number: 12060 / PHASE 8

Lab Number: L2354250
Report Date: 09/22/23

SAMPLE RESULTS

Lab ID: L2354250-02
Client ID: GRAB_A1(0.5-1)
Sample Location: OSSINING, NY

Date Collected: 09/15/23 09:40
Date Received: 09/15/23
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 09/21/23 17:32
Analyst: JIC
Percent Solids: 95%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 High - Westborough Lab						
Methylene chloride	ND		ug/kg	270	120	1
1,1-Dichloroethane	ND		ug/kg	53	7.8	1
Chloroform	ND		ug/kg	80	7.5	1
Carbon tetrachloride	ND		ug/kg	53	12.	1
1,2-Dichloropropane	ND		ug/kg	53	6.7	1
Dibromochloromethane	ND		ug/kg	53	7.5	1
1,1,2-Trichloroethane	ND		ug/kg	53	14.	1
Tetrachloroethene	ND		ug/kg	27	10.	1
Chlorobenzene	ND		ug/kg	27	6.8	1
Trichlorofluoromethane	ND		ug/kg	210	37.	1
1,2-Dichloroethane	ND		ug/kg	53	14.	1
1,1,1-Trichloroethane	ND		ug/kg	27	8.9	1
Bromodichloromethane	ND		ug/kg	27	5.8	1
trans-1,3-Dichloropropene	ND		ug/kg	53	15.	1
cis-1,3-Dichloropropene	ND		ug/kg	27	8.4	1
1,3-Dichloropropene, Total	ND		ug/kg	27	8.4	1
1,1-Dichloropropene	ND		ug/kg	27	8.5	1
Bromoform	ND		ug/kg	210	13.	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	27	8.9	1
Benzene	13	J	ug/kg	27	8.9	1
Toluene	ND		ug/kg	53	29.	1
Ethylbenzene	340		ug/kg	53	7.5	1
Chloromethane	ND		ug/kg	210	50.	1
Bromomethane	ND		ug/kg	110	31.	1
Vinyl chloride	ND		ug/kg	53	18.	1
Chloroethane	ND		ug/kg	110	24.	1
1,1-Dichloroethene	ND		ug/kg	53	13.	1
trans-1,2-Dichloroethene	ND		ug/kg	80	7.3	1

Project Name: SUN VALLEY SITE

Lab Number: L2354250

Project Number: 12060 / PHASE 8

Report Date: 09/22/23

SAMPLE RESULTS

Lab ID: L2354250-02
 Client ID: GRAB_A1(0.5-1)
 Sample Location: OSSINING, NY

Date Collected: 09/15/23 09:40
 Date Received: 09/15/23
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 High - Westborough Lab						
Trichloroethene	ND		ug/kg	27	7.3	1
1,2-Dichlorobenzene	ND		ug/kg	110	7.7	1
1,3-Dichlorobenzene	ND		ug/kg	110	7.9	1
1,4-Dichlorobenzene	ND		ug/kg	110	9.1	1
Methyl tert butyl ether	ND		ug/kg	110	11.	1
p/m-Xylene	56	J	ug/kg	110	30.	1
o-Xylene	ND		ug/kg	53	16.	1
Xylenes, Total	56	J	ug/kg	53	16.	1
cis-1,2-Dichloroethene	ND		ug/kg	53	9.4	1
1,2-Dichloroethene, Total	ND		ug/kg	53	7.3	1
Dibromomethane	ND		ug/kg	110	13.	1
Styrene	ND		ug/kg	53	10.	1
Dichlorodifluoromethane	ND		ug/kg	530	49.	1
Acetone	ND		ug/kg	530	260	1
Carbon disulfide	ND		ug/kg	530	240	1
2-Butanone	ND		ug/kg	530	120	1
Vinyl acetate	ND		ug/kg	530	110	1
4-Methyl-2-pentanone	ND		ug/kg	530	68.	1
1,2,3-Trichloropropane	ND		ug/kg	110	6.8	1
2-Hexanone	ND		ug/kg	530	63.	1
Bromochloromethane	ND		ug/kg	110	11.	1
2,2-Dichloropropane	ND		ug/kg	110	11.	1
1,2-Dibromoethane	ND		ug/kg	53	15.	1
1,3-Dichloropropane	ND		ug/kg	110	8.9	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	27	7.0	1
Bromobenzene	ND		ug/kg	110	7.8	1
n-Butylbenzene	180		ug/kg	53	8.9	1
sec-Butylbenzene	70		ug/kg	53	7.8	1
tert-Butylbenzene	ND		ug/kg	110	6.3	1
o-Chlorotoluene	ND		ug/kg	110	10.	1
p-Chlorotoluene	ND		ug/kg	110	5.8	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	160	53.	1
Hexachlorobutadiene	ND		ug/kg	210	9.0	1
Isopropylbenzene	110		ug/kg	53	5.8	1
p-Isopropyltoluene	5.9	J	ug/kg	53	5.8	1
Naphthalene	610		ug/kg	210	35.	1
Acrylonitrile	ND		ug/kg	210	62.	1

Project Name: SUN VALLEY SITE
Project Number: 12060 / PHASE 8

Lab Number: L2354250
Report Date: 09/22/23

SAMPLE RESULTS

Lab ID: L2354250-02
Client ID: GRAB_A1(0.5-1)
Sample Location: OSSINING, NY

Date Collected: 09/15/23 09:40
Date Received: 09/15/23
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 High - Westborough Lab						
n-Propylbenzene	520		ug/kg	53	9.1	1
1,2,3-Trichlorobenzene	ND		ug/kg	110	17.	1
1,2,4-Trichlorobenzene	ND		ug/kg	110	14.	1
1,3,5-Trimethylbenzene	28	J	ug/kg	110	10.	1
1,2,4-Trimethylbenzene	82	J	ug/kg	110	18.	1
1,4-Dioxane	ND		ug/kg	4300	1900	1
p-Diethylbenzene	110		ug/kg	110	9.5	1
p-Ethyltoluene	68	J	ug/kg	110	20.	1
1,2,4,5-Tetramethylbenzene	460		ug/kg	110	10.	1
Ethyl ether	ND		ug/kg	110	18.	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	270	76.	1

Tentatively Identified Compounds

Total TIC Compounds	5690	J	ug/kg			1
Unknown	199	J	ug/kg			1
Unknown Benzene	714	J	ug/kg			1
Octane, 3-methyl-	208	NJ	ug/kg			1
Unknown Benzene	1050	J	ug/kg			1
Unknown Aromatic	308	J	ug/kg			1
Unknown Aromatic	316	J	ug/kg			1
Unknown Aromatic	587	J	ug/kg			1
Octane	332	NJ	ug/kg			1
Unknown	202	J	ug/kg			1
Unknown	265	J	ug/kg			1
Unknown	267	J	ug/kg			1
Unknown Benzene	194	J	ug/kg			1
Heptane, 3-methyl-	370	NJ	ug/kg			1
Unknown	348	J	ug/kg			1
Unknown Alkane	329	J	ug/kg			1

Project Name: SUN VALLEY SITE
Project Number: 12060 / PHASE 8

Lab Number: L2354250
Report Date: 09/22/23

SAMPLE RESULTS

Lab ID: L2354250-02
Client ID: GRAB_A1(0.5-1)
Sample Location: OSSINING, NY

Date Collected: 09/15/23 09:40
Date Received: 09/15/23
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 High - Westborough Lab						

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	88		70-130
Toluene-d8	97		70-130
4-Bromofluorobenzene	96		70-130
Dibromofluoromethane	87		70-130

Project Name: SUN VALLEY SITE
Project Number: 12060 / PHASE 8

Lab Number: L2354250
Report Date: 09/22/23

SAMPLE RESULTS

Lab ID: L2354250-04
Client ID: GRAB_A1(7-7.5)
Sample Location: OSSINING, NY

Date Collected: 09/15/23 10:40
Date Received: 09/15/23
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 09/20/23 14:49
Analyst: LAC
Percent Solids: 94%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	5.0	2.3	1
1,1-Dichloroethane	ND		ug/kg	1.0	0.14	1
Chloroform	ND		ug/kg	1.5	0.14	1
Carbon tetrachloride	ND		ug/kg	1.0	0.23	1
1,2-Dichloropropane	ND		ug/kg	1.0	0.12	1
Dibromochloromethane	ND		ug/kg	1.0	0.14	1
1,1,2-Trichloroethane	ND		ug/kg	1.0	0.27	1
Tetrachloroethene	ND		ug/kg	0.50	0.20	1
Chlorobenzene	ND		ug/kg	0.50	0.13	1
Trichlorofluoromethane	ND		ug/kg	4.0	0.69	1
1,2-Dichloroethane	ND		ug/kg	1.0	0.26	1
1,1,1-Trichloroethane	ND		ug/kg	0.50	0.17	1
Bromodichloromethane	ND		ug/kg	0.50	0.11	1
trans-1,3-Dichloropropene	ND		ug/kg	1.0	0.27	1
cis-1,3-Dichloropropene	ND		ug/kg	0.50	0.16	1
1,3-Dichloropropene, Total	ND		ug/kg	0.50	0.16	1
1,1-Dichloropropene	ND		ug/kg	0.50	0.16	1
Bromoform	ND		ug/kg	4.0	0.24	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.50	0.16	1
Benzene	1.6		ug/kg	0.50	0.16	1
Toluene	5.2		ug/kg	1.0	0.54	1
Ethylbenzene	13		ug/kg	1.0	0.14	1
Chloromethane	ND		ug/kg	4.0	0.93	1
Bromomethane	ND		ug/kg	2.0	0.58	1
Vinyl chloride	ND		ug/kg	1.0	0.33	1
Chloroethane	ND		ug/kg	2.0	0.45	1
1,1-Dichloroethene	ND		ug/kg	1.0	0.24	1
trans-1,2-Dichloroethene	ND		ug/kg	1.5	0.14	1

Project Name: SUN VALLEY SITE

Lab Number: L2354250

Project Number: 12060 / PHASE 8

Report Date: 09/22/23

SAMPLE RESULTS

Lab ID: L2354250-04
 Client ID: GRAB_A1(7-7.5)
 Sample Location: OSSINING, NY

Date Collected: 09/15/23 10:40
 Date Received: 09/15/23
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Trichloroethene	ND		ug/kg	0.50	0.14	1
1,2-Dichlorobenzene	ND		ug/kg	2.0	0.14	1
1,3-Dichlorobenzene	ND		ug/kg	2.0	0.15	1
1,4-Dichlorobenzene	ND		ug/kg	2.0	0.17	1
Methyl tert butyl ether	ND		ug/kg	2.0	0.20	1
p/m-Xylene	46		ug/kg	2.0	0.56	1
o-Xylene	21		ug/kg	1.0	0.29	1
Xylenes, Total	67		ug/kg	1.0	0.29	1
cis-1,2-Dichloroethene	ND		ug/kg	1.0	0.17	1
1,2-Dichloroethene, Total	ND		ug/kg	1.0	0.14	1
Dibromomethane	ND		ug/kg	2.0	0.24	1
Styrene	ND		ug/kg	1.0	0.20	1
Dichlorodifluoromethane	ND		ug/kg	10	0.91	1
Acetone	13		ug/kg	10	4.8	1
Carbon disulfide	ND		ug/kg	10	4.5	1
2-Butanone	18		ug/kg	10	2.2	1
Vinyl acetate	ND		ug/kg	10	2.1	1
4-Methyl-2-pentanone	1.7	J	ug/kg	10	1.3	1
1,2,3-Trichloropropane	ND		ug/kg	2.0	0.13	1
2-Hexanone	ND		ug/kg	10	1.2	1
Bromochloromethane	ND		ug/kg	2.0	0.20	1
2,2-Dichloropropane	ND		ug/kg	2.0	0.20	1
1,2-Dibromoethane	ND		ug/kg	1.0	0.28	1
1,3-Dichloropropane	ND		ug/kg	2.0	0.17	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.50	0.13	1
Bromobenzene	ND		ug/kg	2.0	0.14	1
n-Butylbenzene	4.6		ug/kg	1.0	0.17	1
sec-Butylbenzene	2.0		ug/kg	1.0	0.14	1
tert-Butylbenzene	ND		ug/kg	2.0	0.12	1
o-Chlorotoluene	ND		ug/kg	2.0	0.19	1
p-Chlorotoluene	ND		ug/kg	2.0	0.11	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.0	1.0	1
Hexachlorobutadiene	ND		ug/kg	4.0	0.17	1
Isopropylbenzene	3.3		ug/kg	1.0	0.11	1
p-Isopropyltoluene	0.94	J	ug/kg	1.0	0.11	1
Naphthalene	8.4		ug/kg	4.0	0.65	1
Acrylonitrile	ND		ug/kg	4.0	1.1	1

Project Name: SUN VALLEY SITE**Lab Number:** L2354250**Project Number:** 12060 / PHASE 8**Report Date:** 09/22/23**SAMPLE RESULTS**

Lab ID: L2354250-04
 Client ID: GRAB_A1(7-7.5)
 Sample Location: OSSINING, NY

Date Collected: 09/15/23 10:40
 Date Received: 09/15/23
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
n-Propylbenzene	11		ug/kg	1.0	0.17	1
1,2,3-Trichlorobenzene	ND		ug/kg	2.0	0.32	1
1,2,4-Trichlorobenzene	ND		ug/kg	2.0	0.27	1
1,3,5-Trimethylbenzene	15		ug/kg	2.0	0.19	1
1,2,4-Trimethylbenzene	51		ug/kg	2.0	0.33	1
1,4-Dioxane	ND		ug/kg	80	35.	1
p-Diethylbenzene	27		ug/kg	2.0	0.18	1
p-Ethyltoluene	48		ug/kg	2.0	0.38	1
1,2,4,5-Tetramethylbenzene	8.1		ug/kg	2.0	0.19	1
Ethyl ether	ND		ug/kg	2.0	0.34	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	5.0	1.4	1

Tentatively Identified Compounds

Total TIC Compounds	358	J	ug/kg			1
Unknown Benzene	16.5	J	ug/kg			1
Unknown	19.0	J	ug/kg			1
Cyclohexane, methyl-	14.6	NJ	ug/kg			1
Unknown Benzene	18.8	J	ug/kg			1
Hexane, 2-methyl-	39.3	NJ	ug/kg			1
Heptane, 2-methyl-	39.2	NJ	ug/kg			1
Pentane, 2,3,4-trimethyl-	17.9	NJ	ug/kg			1
Unknown Benzene	14.6	J	ug/kg			1
Unknown Alkane	29.7	J	ug/kg			1
Hexane, 3-methyl-	42.1	NJ	ug/kg			1
Heptane, 3-methyl-	55.9	NJ	ug/kg			1
Unknown Benzene	16.2	J	ug/kg			1
Hexane, 2,4-dimethyl-	17.6	NJ	ug/kg			1
Pentane, 2,3,3-trimethyl-	16.8	NJ	ug/kg			1

Project Name: SUN VALLEY SITE
Project Number: 12060 / PHASE 8

Lab Number: L2354250
Report Date: 09/22/23

SAMPLE RESULTS

Lab ID: L2354250-04
Client ID: GRAB_A1(7-7.5)
Sample Location: OSSINING, NY

Date Collected: 09/15/23 10:40
Date Received: 09/15/23
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Volatile Organics by EPA 5035 Low - Westborough Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	85		70-130
Toluene-d8	98		70-130
4-Bromofluorobenzene	97		70-130
Dibromofluoromethane	86		70-130

Project Name: SUN VALLEY SITE**Lab Number:** L2354250**Project Number:** 12060 / PHASE 8**Report Date:** 09/22/23**SAMPLE RESULTS**

Lab ID: L2354250-06
 Client ID: GRAB_A1(17-17.5)
 Sample Location: OSSINING, NY

Date Collected: 09/15/23 10:45
 Date Received: 09/15/23
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8260D
 Analytical Date: 09/20/23 15:09
 Analyst: LAC
 Percent Solids: 93%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	4.8	2.2	1
1,1-Dichloroethane	ND		ug/kg	0.95	0.14	1
Chloroform	ND		ug/kg	1.4	0.13	1
Carbon tetrachloride	ND		ug/kg	0.95	0.22	1
1,2-Dichloropropane	ND		ug/kg	0.95	0.12	1
Dibromochloromethane	ND		ug/kg	0.95	0.13	1
1,1,2-Trichloroethane	ND		ug/kg	0.95	0.25	1
Tetrachloroethene	ND		ug/kg	0.48	0.19	1
Chlorobenzene	ND		ug/kg	0.48	0.12	1
Trichlorofluoromethane	ND		ug/kg	3.8	0.66	1
1,2-Dichloroethane	ND		ug/kg	0.95	0.24	1
1,1,1-Trichloroethane	ND		ug/kg	0.48	0.16	1
Bromodichloromethane	ND		ug/kg	0.48	0.10	1
trans-1,3-Dichloropropene	ND		ug/kg	0.95	0.26	1
cis-1,3-Dichloropropene	ND		ug/kg	0.48	0.15	1
1,3-Dichloropropene, Total	ND		ug/kg	0.48	0.15	1
1,1-Dichloropropene	ND		ug/kg	0.48	0.15	1
Bromoform	ND		ug/kg	3.8	0.23	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.48	0.16	1
Benzene	ND		ug/kg	0.48	0.16	1
Toluene	0.62	J	ug/kg	0.95	0.52	1
Ethylbenzene	ND		ug/kg	0.95	0.13	1
Chloromethane	ND		ug/kg	3.8	0.89	1
Bromomethane	ND		ug/kg	1.9	0.55	1
Vinyl chloride	ND		ug/kg	0.95	0.32	1
Chloroethane	ND		ug/kg	1.9	0.43	1
1,1-Dichloroethene	ND		ug/kg	0.95	0.23	1
trans-1,2-Dichloroethene	ND		ug/kg	1.4	0.13	1

Project Name: SUN VALLEY SITE

Lab Number: L2354250

Project Number: 12060 / PHASE 8

Report Date: 09/22/23

SAMPLE RESULTS

Lab ID: L2354250-06
 Client ID: GRAB_A1(17-17.5)
 Sample Location: OSSINING, NY

Date Collected: 09/15/23 10:45
 Date Received: 09/15/23
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Trichloroethene	ND		ug/kg	0.48	0.13	1
1,2-Dichlorobenzene	ND		ug/kg	1.9	0.14	1
1,3-Dichlorobenzene	ND		ug/kg	1.9	0.14	1
1,4-Dichlorobenzene	ND		ug/kg	1.9	0.16	1
Methyl tert butyl ether	ND		ug/kg	1.9	0.19	1
p/m-Xylene	ND		ug/kg	1.9	0.53	1
o-Xylene	ND		ug/kg	0.95	0.28	1
Xylenes, Total	ND		ug/kg	0.95	0.28	1
cis-1,2-Dichloroethene	ND		ug/kg	0.95	0.17	1
1,2-Dichloroethene, Total	ND		ug/kg	0.95	0.13	1
Dibromomethane	ND		ug/kg	1.9	0.23	1
Styrene	ND		ug/kg	0.95	0.19	1
Dichlorodifluoromethane	ND		ug/kg	9.5	0.87	1
Acetone	6.0	J	ug/kg	9.5	4.6	1
Carbon disulfide	ND		ug/kg	9.5	4.3	1
2-Butanone	ND		ug/kg	9.5	2.1	1
Vinyl acetate	ND		ug/kg	9.5	2.0	1
4-Methyl-2-pentanone	ND		ug/kg	9.5	1.2	1
1,2,3-Trichloropropane	ND		ug/kg	1.9	0.12	1
2-Hexanone	ND		ug/kg	9.5	1.1	1
Bromochloromethane	ND		ug/kg	1.9	0.20	1
2,2-Dichloropropane	ND		ug/kg	1.9	0.19	1
1,2-Dibromoethane	ND		ug/kg	0.95	0.26	1
1,3-Dichloropropane	ND		ug/kg	1.9	0.16	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.48	0.12	1
Bromobenzene	ND		ug/kg	1.9	0.14	1
n-Butylbenzene	ND		ug/kg	0.95	0.16	1
sec-Butylbenzene	ND		ug/kg	0.95	0.14	1
tert-Butylbenzene	ND		ug/kg	1.9	0.11	1
o-Chlorotoluene	ND		ug/kg	1.9	0.18	1
p-Chlorotoluene	ND		ug/kg	1.9	0.10	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	2.8	0.95	1
Hexachlorobutadiene	ND		ug/kg	3.8	0.16	1
Isopropylbenzene	ND		ug/kg	0.95	0.10	1
p-Isopropyltoluene	ND		ug/kg	0.95	0.10	1
Naphthalene	ND		ug/kg	3.8	0.62	1
Acrylonitrile	ND		ug/kg	3.8	1.1	1

Project Name: SUN VALLEY SITE**Lab Number:** L2354250**Project Number:** 12060 / PHASE 8**Report Date:** 09/22/23**SAMPLE RESULTS**

Lab ID: L2354250-06
 Client ID: GRAB_A1(17-17.5)
 Sample Location: OSSINING, NY

Date Collected: 09/15/23 10:45
 Date Received: 09/15/23
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
n-Propylbenzene	ND		ug/kg	0.95	0.16	1
1,2,3-Trichlorobenzene	ND		ug/kg	1.9	0.31	1
1,2,4-Trichlorobenzene	ND		ug/kg	1.9	0.26	1
1,3,5-Trimethylbenzene	ND		ug/kg	1.9	0.18	1
1,2,4-Trimethylbenzene	ND		ug/kg	1.9	0.32	1
1,4-Dioxane	ND		ug/kg	76	33.	1
p-Diethylbenzene	ND		ug/kg	1.9	0.17	1
p-Ethyltoluene	ND		ug/kg	1.9	0.36	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	1.9	0.18	1
Ethyl ether	ND		ug/kg	1.9	0.32	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	4.8	1.4	1

Tentatively Identified Compounds

No Tentatively Identified Compounds ND ug/kg 1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	92		70-130
Toluene-d8	92		70-130
4-Bromofluorobenzene	90		70-130
Dibromofluoromethane	97		70-130

Project Name: SUN VALLEY SITE**Lab Number:** L2354250**Project Number:** 12060 / PHASE 8**Report Date:** 09/22/23**SAMPLE RESULTS**

Lab ID: L2354250-08
 Client ID: GRAB_A2(5.0-5.5)
 Sample Location: OSSINING, NY

Date Collected: 09/15/23 14:50
 Date Received: 09/15/23
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8260D
 Analytical Date: 09/20/23 15:30
 Analyst: LAC
 Percent Solids: 92%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	4.9	2.2	1
1,1-Dichloroethane	ND		ug/kg	0.98	0.14	1
Chloroform	ND		ug/kg	1.5	0.14	1
Carbon tetrachloride	ND		ug/kg	0.98	0.23	1
1,2-Dichloropropane	ND		ug/kg	0.98	0.12	1
Dibromochloromethane	ND		ug/kg	0.98	0.14	1
1,1,2-Trichloroethane	ND		ug/kg	0.98	0.26	1
Tetrachloroethene	ND		ug/kg	0.49	0.19	1
Chlorobenzene	ND		ug/kg	0.49	0.12	1
Trichlorofluoromethane	ND		ug/kg	3.9	0.68	1
1,2-Dichloroethane	ND		ug/kg	0.98	0.25	1
1,1,1-Trichloroethane	ND		ug/kg	0.49	0.16	1
Bromodichloromethane	ND		ug/kg	0.49	0.11	1
trans-1,3-Dichloropropene	ND		ug/kg	0.98	0.27	1
cis-1,3-Dichloropropene	ND		ug/kg	0.49	0.16	1
1,3-Dichloropropene, Total	ND		ug/kg	0.49	0.16	1
1,1-Dichloropropene	ND		ug/kg	0.49	0.16	1
Bromoform	ND		ug/kg	3.9	0.24	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.49	0.16	1
Benzene	ND		ug/kg	0.49	0.16	1
Toluene	ND		ug/kg	0.98	0.53	1
Ethylbenzene	ND		ug/kg	0.98	0.14	1
Chloromethane	ND		ug/kg	3.9	0.92	1
Bromomethane	ND		ug/kg	2.0	0.57	1
Vinyl chloride	ND		ug/kg	0.98	0.33	1
Chloroethane	ND		ug/kg	2.0	0.44	1
1,1-Dichloroethene	ND		ug/kg	0.98	0.23	1
trans-1,2-Dichloroethene	ND		ug/kg	1.5	0.13	1

Project Name: SUN VALLEY SITE**Lab Number:** L2354250**Project Number:** 12060 / PHASE 8**Report Date:** 09/22/23**SAMPLE RESULTS**

Lab ID: L2354250-08
 Client ID: GRAB_A2(5.0-5.5)
 Sample Location: OSSINING, NY

Date Collected: 09/15/23 14:50
 Date Received: 09/15/23
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Trichloroethene	ND		ug/kg	0.49	0.13	1
1,2-Dichlorobenzene	ND		ug/kg	2.0	0.14	1
1,3-Dichlorobenzene	ND		ug/kg	2.0	0.14	1
1,4-Dichlorobenzene	ND		ug/kg	2.0	0.17	1
Methyl tert butyl ether	ND		ug/kg	2.0	0.20	1
p/m-Xylene	ND		ug/kg	2.0	0.55	1
o-Xylene	ND		ug/kg	0.98	0.29	1
Xylenes, Total	ND		ug/kg	0.98	0.29	1
cis-1,2-Dichloroethene	ND		ug/kg	0.98	0.17	1
1,2-Dichloroethene, Total	ND		ug/kg	0.98	0.13	1
Dibromomethane	ND		ug/kg	2.0	0.23	1
Styrene	ND		ug/kg	0.98	0.19	1
Dichlorodifluoromethane	ND		ug/kg	9.8	0.90	1
Acetone	ND		ug/kg	9.8	4.7	1
Carbon disulfide	ND		ug/kg	9.8	4.5	1
2-Butanone	ND		ug/kg	9.8	2.2	1
Vinyl acetate	ND		ug/kg	9.8	2.1	1
4-Methyl-2-pentanone	ND		ug/kg	9.8	1.2	1
1,2,3-Trichloropropane	ND		ug/kg	2.0	0.12	1
2-Hexanone	ND		ug/kg	9.8	1.2	1
Bromochloromethane	ND		ug/kg	2.0	0.20	1
2,2-Dichloropropane	ND		ug/kg	2.0	0.20	1
1,2-Dibromoethane	ND		ug/kg	0.98	0.27	1
1,3-Dichloropropane	ND		ug/kg	2.0	0.16	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.49	0.13	1
Bromobenzene	ND		ug/kg	2.0	0.14	1
n-Butylbenzene	ND		ug/kg	0.98	0.16	1
sec-Butylbenzene	ND		ug/kg	0.98	0.14	1
tert-Butylbenzene	ND		ug/kg	2.0	0.12	1
o-Chlorotoluene	ND		ug/kg	2.0	0.19	1
p-Chlorotoluene	ND		ug/kg	2.0	0.11	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.0	0.98	1
Hexachlorobutadiene	ND		ug/kg	3.9	0.17	1
Isopropylbenzene	ND		ug/kg	0.98	0.11	1
p-Isopropyltoluene	ND		ug/kg	0.98	0.11	1
Naphthalene	ND		ug/kg	3.9	0.64	1
Acrylonitrile	ND		ug/kg	3.9	1.1	1

Project Name: SUN VALLEY SITE
Project Number: 12060 / PHASE 8

Lab Number: L2354250
Report Date: 09/22/23

SAMPLE RESULTS

Lab ID: L2354250-08
Client ID: GRAB_A2(5.0-5.5)
Sample Location: OSSINING, NY

Date Collected: 09/15/23 14:50
Date Received: 09/15/23
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
n-Propylbenzene	ND		ug/kg	0.98	0.17	1
1,2,3-Trichlorobenzene	ND		ug/kg	2.0	0.32	1
1,2,4-Trichlorobenzene	ND		ug/kg	2.0	0.27	1
1,3,5-Trimethylbenzene	ND		ug/kg	2.0	0.19	1
1,2,4-Trimethylbenzene	ND		ug/kg	2.0	0.33	1
1,4-Dioxane	ND		ug/kg	79	34.	1
p-Diethylbenzene	ND		ug/kg	2.0	0.17	1
p-Ethyltoluene	ND		ug/kg	2.0	0.38	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	2.0	0.19	1
Ethyl ether	ND		ug/kg	2.0	0.34	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	4.9	1.4	1

Tentatively Identified Compounds

No Tentatively Identified Compounds ND ug/kg 1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	92		70-130
Toluene-d8	93		70-130
4-Bromofluorobenzene	94		70-130
Dibromofluoromethane	93		70-130

Project Name: SUN VALLEY SITE**Lab Number:** L2354250**Project Number:** 12060 / PHASE 8**Report Date:** 09/22/23**SAMPLE RESULTS**

Lab ID: L2354250-10
 Client ID: GRAB_A2(15-15.5)
 Sample Location: OSSINING, NY

Date Collected: 09/15/23 14:55
 Date Received: 09/15/23
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8260D
 Analytical Date: 09/20/23 15:51
 Analyst: LAC
 Percent Solids: 91%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	5.0	2.3	1
1,1-Dichloroethane	ND		ug/kg	1.0	0.14	1
Chloroform	ND		ug/kg	1.5	0.14	1
Carbon tetrachloride	ND		ug/kg	1.0	0.23	1
1,2-Dichloropropane	ND		ug/kg	1.0	0.12	1
Dibromochloromethane	ND		ug/kg	1.0	0.14	1
1,1,2-Trichloroethane	ND		ug/kg	1.0	0.27	1
Tetrachloroethene	ND		ug/kg	0.50	0.20	1
Chlorobenzene	ND		ug/kg	0.50	0.13	1
Trichlorofluoromethane	ND		ug/kg	4.0	0.70	1
1,2-Dichloroethane	ND		ug/kg	1.0	0.26	1
1,1,1-Trichloroethane	ND		ug/kg	0.50	0.17	1
Bromodichloromethane	ND		ug/kg	0.50	0.11	1
trans-1,3-Dichloropropene	ND		ug/kg	1.0	0.27	1
cis-1,3-Dichloropropene	ND		ug/kg	0.50	0.16	1
1,3-Dichloropropene, Total	ND		ug/kg	0.50	0.16	1
1,1-Dichloropropene	ND		ug/kg	0.50	0.16	1
Bromoform	ND		ug/kg	4.0	0.25	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.50	0.17	1
Benzene	ND		ug/kg	0.50	0.17	1
Toluene	0.78	J	ug/kg	1.0	0.55	1
Ethylbenzene	ND		ug/kg	1.0	0.14	1
Chloromethane	ND		ug/kg	4.0	0.94	1
Bromomethane	ND		ug/kg	2.0	0.58	1
Vinyl chloride	ND		ug/kg	1.0	0.34	1
Chloroethane	ND		ug/kg	2.0	0.45	1
1,1-Dichloroethene	ND		ug/kg	1.0	0.24	1
trans-1,2-Dichloroethene	ND		ug/kg	1.5	0.14	1

Project Name: SUN VALLEY SITE

Lab Number: L2354250

Project Number: 12060 / PHASE 8

Report Date: 09/22/23

SAMPLE RESULTS

Lab ID: L2354250-10
 Client ID: GRAB_A2(15-15.5)
 Sample Location: OSSINING, NY

Date Collected: 09/15/23 14:55
 Date Received: 09/15/23
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Trichloroethene	ND		ug/kg	0.50	0.14	1
1,2-Dichlorobenzene	ND		ug/kg	2.0	0.14	1
1,3-Dichlorobenzene	ND		ug/kg	2.0	0.15	1
1,4-Dichlorobenzene	ND		ug/kg	2.0	0.17	1
Methyl tert butyl ether	ND		ug/kg	2.0	0.20	1
p/m-Xylene	ND		ug/kg	2.0	0.56	1
o-Xylene	ND		ug/kg	1.0	0.29	1
Xylenes, Total	ND		ug/kg	1.0	0.29	1
cis-1,2-Dichloroethene	ND		ug/kg	1.0	0.18	1
1,2-Dichloroethene, Total	ND		ug/kg	1.0	0.14	1
Dibromomethane	ND		ug/kg	2.0	0.24	1
Styrene	ND		ug/kg	1.0	0.20	1
Dichlorodifluoromethane	ND		ug/kg	10	0.92	1
Acetone	12		ug/kg	10	4.8	1
Carbon disulfide	ND		ug/kg	10	4.6	1
2-Butanone	2.4	J	ug/kg	10	2.2	1
Vinyl acetate	ND		ug/kg	10	2.2	1
4-Methyl-2-pentanone	ND		ug/kg	10	1.3	1
1,2,3-Trichloropropane	ND		ug/kg	2.0	0.13	1
2-Hexanone	ND		ug/kg	10	1.2	1
Bromochloromethane	ND		ug/kg	2.0	0.21	1
2,2-Dichloropropane	ND		ug/kg	2.0	0.20	1
1,2-Dibromoethane	ND		ug/kg	1.0	0.28	1
1,3-Dichloropropane	ND		ug/kg	2.0	0.17	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.50	0.13	1
Bromobenzene	ND		ug/kg	2.0	0.14	1
n-Butylbenzene	ND		ug/kg	1.0	0.17	1
sec-Butylbenzene	ND		ug/kg	1.0	0.15	1
tert-Butylbenzene	ND		ug/kg	2.0	0.12	1
o-Chlorotoluene	ND		ug/kg	2.0	0.19	1
p-Chlorotoluene	ND		ug/kg	2.0	0.11	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.0	1.0	1
Hexachlorobutadiene	ND		ug/kg	4.0	0.17	1
Isopropylbenzene	ND		ug/kg	1.0	0.11	1
p-Isopropyltoluene	ND		ug/kg	1.0	0.11	1
Naphthalene	ND		ug/kg	4.0	0.65	1
Acrylonitrile	ND		ug/kg	4.0	1.2	1

Project Name: SUN VALLEY SITE**Lab Number:** L2354250**Project Number:** 12060 / PHASE 8**Report Date:** 09/22/23**SAMPLE RESULTS**

Lab ID: L2354250-10
 Client ID: GRAB_A2(15-15.5)
 Sample Location: OSSINING, NY

Date Collected: 09/15/23 14:55
 Date Received: 09/15/23
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
n-Propylbenzene	ND		ug/kg	1.0	0.17	1
1,2,3-Trichlorobenzene	ND		ug/kg	2.0	0.32	1
1,2,4-Trichlorobenzene	ND		ug/kg	2.0	0.27	1
1,3,5-Trimethylbenzene	ND		ug/kg	2.0	0.19	1
1,2,4-Trimethylbenzene	ND		ug/kg	2.0	0.34	1
1,4-Dioxane	ND		ug/kg	80	35.	1
p-Diethylbenzene	ND		ug/kg	2.0	0.18	1
p-Ethyltoluene	ND		ug/kg	2.0	0.39	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	2.0	0.19	1
Ethyl ether	ND		ug/kg	2.0	0.34	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	5.0	1.4	1

Tentatively Identified Compounds

No Tentatively Identified Compounds ND ug/kg 1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	96		70-130
Toluene-d8	90		70-130
4-Bromofluorobenzene	86		70-130
Dibromofluoromethane	97		70-130

Project Name: SUN VALLEY SITE
Project Number: 12060 / PHASE 8

Lab Number: L2354250
Report Date: 09/22/23

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8260D
 Analytical Date: 09/20/23 09:17
 Analyst: AJK

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 02,04,06,08,10 Batch: WG1829818-5					
Methylene chloride	ND		ug/kg	5.0	2.3
1,1-Dichloroethane	ND		ug/kg	1.0	0.14
Chloroform	ND		ug/kg	1.5	0.14
Carbon tetrachloride	ND		ug/kg	1.0	0.23
1,2-Dichloropropane	ND		ug/kg	1.0	0.12
Dibromochloromethane	ND		ug/kg	1.0	0.14
1,1,2-Trichloroethane	ND		ug/kg	1.0	0.27
Tetrachloroethene	ND		ug/kg	0.50	0.20
Chlorobenzene	ND		ug/kg	0.50	0.13
Trichlorofluoromethane	ND		ug/kg	4.0	0.70
1,2-Dichloroethane	ND		ug/kg	1.0	0.26
1,1,1-Trichloroethane	ND		ug/kg	0.50	0.17
Bromodichloromethane	ND		ug/kg	0.50	0.11
trans-1,3-Dichloropropene	ND		ug/kg	1.0	0.27
cis-1,3-Dichloropropene	ND		ug/kg	0.50	0.16
1,3-Dichloropropene, Total	ND		ug/kg	0.50	0.16
1,1-Dichloropropene	ND		ug/kg	0.50	0.16
Bromoform	ND		ug/kg	4.0	0.25
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.50	0.17
Benzene	ND		ug/kg	0.50	0.17
Toluene	ND		ug/kg	1.0	0.54
Ethylbenzene	ND		ug/kg	1.0	0.14
Chloromethane	ND		ug/kg	4.0	0.93
Bromomethane	ND		ug/kg	2.0	0.58
Vinyl chloride	ND		ug/kg	1.0	0.34
Chloroethane	ND		ug/kg	2.0	0.45
1,1-Dichloroethene	ND		ug/kg	1.0	0.24
trans-1,2-Dichloroethene	ND		ug/kg	1.5	0.14
Trichloroethene	ND		ug/kg	0.50	0.14

Project Name: SUN VALLEY SITE
Project Number: 12060 / PHASE 8

Lab Number: L2354250
Report Date: 09/22/23

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 09/20/23 09:17
Analyst: AJK

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 02,04,06,08,10 Batch: WG1829818-5					
1,2-Dichlorobenzene	ND		ug/kg	2.0	0.14
1,3-Dichlorobenzene	ND		ug/kg	2.0	0.15
1,4-Dichlorobenzene	ND		ug/kg	2.0	0.17
Methyl tert butyl ether	ND		ug/kg	2.0	0.20
p/m-Xylene	ND		ug/kg	2.0	0.56
o-Xylene	ND		ug/kg	1.0	0.29
Xylenes, Total	ND		ug/kg	1.0	0.29
cis-1,2-Dichloroethene	ND		ug/kg	1.0	0.18
1,2-Dichloroethene, Total	ND		ug/kg	1.0	0.14
Dibromomethane	ND		ug/kg	2.0	0.24
Styrene	ND		ug/kg	1.0	0.20
Dichlorodifluoromethane	ND		ug/kg	10	0.92
Acetone	ND		ug/kg	10	4.8
Carbon disulfide	ND		ug/kg	10	4.6
2-Butanone	ND		ug/kg	10	2.2
Vinyl acetate	ND		ug/kg	10	2.2
4-Methyl-2-pentanone	ND		ug/kg	10	1.3
1,2,3-Trichloropropane	ND		ug/kg	2.0	0.13
2-Hexanone	ND		ug/kg	10	1.2
Bromochloromethane	ND		ug/kg	2.0	0.20
2,2-Dichloropropane	ND		ug/kg	2.0	0.20
1,2-Dibromoethane	ND		ug/kg	1.0	0.28
1,3-Dichloropropane	ND		ug/kg	2.0	0.17
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.50	0.13
Bromobenzene	ND		ug/kg	2.0	0.14
n-Butylbenzene	ND		ug/kg	1.0	0.17
sec-Butylbenzene	ND		ug/kg	1.0	0.15
tert-Butylbenzene	ND		ug/kg	2.0	0.12
o-Chlorotoluene	ND		ug/kg	2.0	0.19

Project Name: SUN VALLEY SITE
Project Number: 12060 / PHASE 8

Lab Number: L2354250
Report Date: 09/22/23

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8260D
 Analytical Date: 09/20/23 09:17
 Analyst: AJK

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 02,04,06,08,10 Batch: WG1829818-5					
p-Chlorotoluene	ND		ug/kg	2.0	0.11
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.0	1.0
Hexachlorobutadiene	ND		ug/kg	4.0	0.17
Isopropylbenzene	ND		ug/kg	1.0	0.11
p-Isopropyltoluene	ND		ug/kg	1.0	0.11
Naphthalene	ND		ug/kg	4.0	0.65
Acrylonitrile	ND		ug/kg	4.0	1.2
n-Propylbenzene	ND		ug/kg	1.0	0.17
1,2,3-Trichlorobenzene	ND		ug/kg	2.0	0.32
1,2,4-Trichlorobenzene	ND		ug/kg	2.0	0.27
1,3,5-Trimethylbenzene	ND		ug/kg	2.0	0.19
1,2,4-Trimethylbenzene	ND		ug/kg	2.0	0.33
1,4-Dioxane	ND		ug/kg	80	35.
p-Diethylbenzene	ND		ug/kg	2.0	0.18
p-Ethyltoluene	ND		ug/kg	2.0	0.38
1,2,4,5-Tetramethylbenzene	ND		ug/kg	2.0	0.19
Ethyl ether	ND		ug/kg	2.0	0.34
trans-1,4-Dichloro-2-butene	ND		ug/kg	5.0	1.4

Tentatively Identified Compounds

Total TIC Compounds	15.9	J	ug/kg
Unknown	15.9	J	ug/kg

Project Name: SUN VALLEY SITE
Project Number: 12060 / PHASE 8

Lab Number: L2354250
Report Date: 09/22/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
 Analytical Date: 09/20/23 09:17
 Analyst: AJK

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 02,04,06,08,10 Batch: WG1829818-5					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	101		70-130
Toluene-d8	93		70-130
4-Bromofluorobenzene	87		70-130
Dibromofluoromethane	98		70-130

Project Name: SUN VALLEY SITE
Project Number: 12060 / PHASE 8

Lab Number: L2354250
Report Date: 09/22/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 09/21/23 09:19
Analyst: AJK

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 High - Westborough Lab for sample(s): 02 Batch: WG1830338-5					
Methylene chloride	ND		ug/kg	250	110
1,1-Dichloroethane	ND		ug/kg	50	7.2
Chloroform	ND		ug/kg	75	7.0
Carbon tetrachloride	ND		ug/kg	50	12.
1,2-Dichloropropane	ND		ug/kg	50	6.2
Dibromochloromethane	ND		ug/kg	50	7.0
1,1,2-Trichloroethane	ND		ug/kg	50	13.
Tetrachloroethene	ND		ug/kg	25	9.8
Chlorobenzene	ND		ug/kg	25	6.4
Trichlorofluoromethane	ND		ug/kg	200	35.
1,2-Dichloroethane	ND		ug/kg	50	13.
1,1,1-Trichloroethane	ND		ug/kg	25	8.4
Bromodichloromethane	ND		ug/kg	25	5.4
trans-1,3-Dichloropropene	ND		ug/kg	50	14.
cis-1,3-Dichloropropene	ND		ug/kg	25	7.9
1,3-Dichloropropene, Total	ND		ug/kg	25	7.9
1,1-Dichloropropene	ND		ug/kg	25	8.0
Bromoform	ND		ug/kg	200	12.
1,1,2,2-Tetrachloroethane	ND		ug/kg	25	8.3
Benzene	ND		ug/kg	25	8.3
Toluene	ND		ug/kg	50	27.
Ethylbenzene	ND		ug/kg	50	7.0
Chloromethane	ND		ug/kg	200	47.
Bromomethane	ND		ug/kg	100	29.
Vinyl chloride	ND		ug/kg	50	17.
Chloroethane	ND		ug/kg	100	23.
1,1-Dichloroethene	ND		ug/kg	50	12.
trans-1,2-Dichloroethene	ND		ug/kg	75	6.8
Trichloroethene	ND		ug/kg	25	6.8

Project Name: SUN VALLEY SITE
Project Number: 12060 / PHASE 8

Lab Number: L2354250
Report Date: 09/22/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 09/21/23 09:19
Analyst: AJK

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 High - Westborough Lab for sample(s): 02 Batch: WG1830338-5					
1,2-Dichlorobenzene	ND		ug/kg	100	7.2
1,3-Dichlorobenzene	ND		ug/kg	100	7.4
1,4-Dichlorobenzene	ND		ug/kg	100	8.6
Methyl tert butyl ether	ND		ug/kg	100	10.
p/m-Xylene	ND		ug/kg	100	28.
o-Xylene	ND		ug/kg	50	14.
Xylenes, Total	ND		ug/kg	50	14.
cis-1,2-Dichloroethene	ND		ug/kg	50	8.8
1,2-Dichloroethene, Total	ND		ug/kg	50	6.8
Dibromomethane	ND		ug/kg	100	12.
Styrene	ND		ug/kg	50	9.8
Dichlorodifluoromethane	ND		ug/kg	500	46.
Acetone	ND		ug/kg	500	240
Carbon disulfide	ND		ug/kg	500	230
2-Butanone	ND		ug/kg	500	110
Vinyl acetate	ND		ug/kg	500	110
4-Methyl-2-pentanone	ND		ug/kg	500	64.
1,2,3-Trichloropropane	ND		ug/kg	100	6.4
2-Hexanone	ND		ug/kg	500	59.
Bromochloromethane	ND		ug/kg	100	10.
2,2-Dichloropropane	ND		ug/kg	100	10.
1,2-Dibromoethane	ND		ug/kg	50	14.
1,3-Dichloropropane	ND		ug/kg	100	8.4
1,1,1,2-Tetrachloroethane	ND		ug/kg	25	6.6
Bromobenzene	ND		ug/kg	100	7.2
n-Butylbenzene	ND		ug/kg	50	8.4
sec-Butylbenzene	ND		ug/kg	50	7.3
tert-Butylbenzene	ND		ug/kg	100	5.9
o-Chlorotoluene	ND		ug/kg	100	9.6

Project Name: SUN VALLEY SITE
Project Number: 12060 / PHASE 8

Lab Number: L2354250
Report Date: 09/22/23

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 09/21/23 09:19
Analyst: AJK

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 High - Westborough Lab for sample(s): 02 Batch: WG1830338-5					
p-Chlorotoluene	ND		ug/kg	100	5.4
1,2-Dibromo-3-chloropropane	ND		ug/kg	150	50.
Hexachlorobutadiene	ND		ug/kg	200	8.4
Isopropylbenzene	ND		ug/kg	50	5.4
p-Isopropyltoluene	ND		ug/kg	50	5.4
Naphthalene	ND		ug/kg	200	32.
Acrylonitrile	ND		ug/kg	200	58.
n-Propylbenzene	ND		ug/kg	50	8.6
1,2,3-Trichlorobenzene	ND		ug/kg	100	16.
1,2,4-Trichlorobenzene	ND		ug/kg	100	14.
1,3,5-Trimethylbenzene	ND		ug/kg	100	9.6
1,2,4-Trimethylbenzene	ND		ug/kg	100	17.
1,4-Dioxane	ND		ug/kg	4000	1800
p-Diethylbenzene	ND		ug/kg	100	8.8
p-Ethyltoluene	ND		ug/kg	100	19.
1,2,4,5-Tetramethylbenzene	ND		ug/kg	100	9.6
Ethyl ether	ND		ug/kg	100	17.
trans-1,4-Dichloro-2-butene	ND		ug/kg	250	71.

Tentatively Identified Compounds

Total TIC Compounds	122	J	ug/kg
Cyclotrisiloxane, Hexamethyl-	122	NJ	ug/kg

Project Name: SUN VALLEY SITE
Project Number: 12060 / PHASE 8

Lab Number: L2354250
Report Date: 09/22/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 09/21/23 09:19
Analyst: AJK

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 High - Westborough Lab for sample(s): 02 Batch: WG1830338-5					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	91		70-130
Toluene-d8	97		70-130
4-Bromofluorobenzene	98		70-130
Dibromofluoromethane	90		70-130

Lab Control Sample Analysis

Batch Quality Control

Project Name: SUN VALLEY SITE

Project Number: 12060 / PHASE 8

Lab Number: L2354250

Report Date: 09/22/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 02,04,06,08,10 Batch: WG1829818-3 WG1829818-4								
Methylene chloride	89		90		70-130	1		30
1,1-Dichloroethane	90		90		70-130	0		30
Chloroform	77		80		70-130	4		30
Carbon tetrachloride	80		84		70-130	5		30
1,2-Dichloropropane	88		92		70-130	4		30
Dibromochloromethane	98		101		70-130	3		30
1,1,2-Trichloroethane	97		100		70-130	3		30
Tetrachloroethene	99		108		70-130	9		30
Chlorobenzene	92		96		70-130	4		30
Trichlorofluoromethane	90		94		70-139	4		30
1,2-Dichloroethane	89		91		70-130	2		30
1,1,1-Trichloroethane	81		86		70-130	6		30
Bromodichloromethane	87		90		70-130	3		30
trans-1,3-Dichloropropene	92		97		70-130	5		30
cis-1,3-Dichloropropene	95		97		70-130	2		30
1,1-Dichloropropene	85		88		70-130	3		30
Bromoform	88		89		70-130	1		30
1,1,2,2-Tetrachloroethane	75		77		70-130	3		30
Benzene	88		91		70-130	3		30
Toluene	88		91		70-130	3		30
Ethylbenzene	89		91		70-130	2		30
Chloromethane	80		77		52-130	4		30
Bromomethane	75		79		57-147	5		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: SUN VALLEY SITE

Project Number: 12060 / PHASE 8

Lab Number: L2354250

Report Date: 09/22/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 02,04,06,08,10 Batch: WG1829818-3 WG1829818-4								
Vinyl chloride	82		84		67-130	2		30
Chloroethane	78		82		50-151	5		30
1,1-Dichloroethene	89		91		65-135	2		30
trans-1,2-Dichloroethene	92		97		70-130	5		30
Trichloroethene	94		99		70-130	5		30
1,2-Dichlorobenzene	90		94		70-130	4		30
1,3-Dichlorobenzene	93		96		70-130	3		30
1,4-Dichlorobenzene	92		96		70-130	4		30
Methyl tert butyl ether	92		93		66-130	1		30
p/m-Xylene	94		98		70-130	4		30
o-Xylene	94		99		70-130	5		30
cis-1,2-Dichloroethene	77		92		70-130	18		30
Dibromomethane	91		92		70-130	1		30
Styrene	97		103		70-130	6		30
Dichlorodifluoromethane	75		77		30-146	3		30
Acetone	85		77		54-140	10		30
Carbon disulfide	82		86		59-130	5		30
2-Butanone	68	Q	67	Q	70-130	1		30
Vinyl acetate	70		84		70-130	18		30
4-Methyl-2-pentanone	81		84		70-130	4		30
1,2,3-Trichloropropane	78		80		68-130	3		30
2-Hexanone	71		76		70-130	7		30
Bromochloromethane	86		101		70-130	16		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: SUN VALLEY SITE

Project Number: 12060 / PHASE 8

Lab Number: L2354250

Report Date: 09/22/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 02,04,06,08,10 Batch: WG1829818-3 WG1829818-4								
2,2-Dichloropropane	73		88		70-130	19		30
1,2-Dibromoethane	98		101		70-130	3		30
1,3-Dichloropropane	89		93		69-130	4		30
1,1,1,2-Tetrachloroethane	99		105		70-130	6		30
Bromobenzene	95		96		70-130	1		30
n-Butylbenzene	86		88		70-130	2		30
sec-Butylbenzene	86		89		70-130	3		30
tert-Butylbenzene	88		89		70-130	1		30
o-Chlorotoluene	102		106		70-130	4		30
p-Chlorotoluene	85		88		70-130	3		30
1,2-Dibromo-3-chloropropane	89		92		68-130	3		30
Hexachlorobutadiene	96		100		67-130	4		30
Isopropylbenzene	84		87		70-130	4		30
p-Isopropyltoluene	90		93		70-130	3		30
Naphthalene	87		90		70-130	3		30
Acrylonitrile	73		80		70-130	9		30
n-Propylbenzene	82		84		70-130	2		30
1,2,3-Trichlorobenzene	104		107		70-130	3		30
1,2,4-Trichlorobenzene	103		105		70-130	2		30
1,3,5-Trimethylbenzene	88		91		70-130	3		30
1,2,4-Trimethylbenzene	90		92		70-130	2		30
1,4-Dioxane	84		90		65-136	7		30
p-Diethylbenzene	92		95		70-130	3		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: SUN VALLEY SITE

Project Number: 12060 / PHASE 8

Lab Number: L2354250

Report Date: 09/22/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 02,04,06,08,10 Batch: WG1829818-3 WG1829818-4								
p-Ethyltoluene	88		91		70-130	3		30
1,2,4,5-Tetramethylbenzene	89		91		70-130	2		30
Ethyl ether	85		82		67-130	4		30
trans-1,4-Dichloro-2-butene	72		75		70-130	4		30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	89		88		70-130
Toluene-d8	92		96		70-130
4-Bromofluorobenzene	90		90		70-130
Dibromofluoromethane	89		91		70-130

Lab Control Sample Analysis **Batch Quality Control**

Project Name: SUN VALLEY SITE

Project Number: 12060 / PHASE 8

Lab Number: L2354250

Report Date: 09/22/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 High - Westborough Lab Associated sample(s): 02 Batch: WG1830338-3 WG1830338-4								
Methylene chloride	81		78		70-130	4		30
1,1-Dichloroethane	81		77		70-130	5		30
Chloroform	82		79		70-130	4		30
Carbon tetrachloride	83		79		70-130	5		30
1,2-Dichloropropane	85		82		70-130	4		30
Dibromochloromethane	93		90		70-130	3		30
1,1,2-Trichloroethane	87		84		70-130	4		30
Tetrachloroethene	91		86		70-130	6		30
Chlorobenzene	92		87		70-130	6		30
Trichlorofluoromethane	82		78		70-139	5		30
1,2-Dichloroethane	85		82		70-130	4		30
1,1,1-Trichloroethane	83		79		70-130	5		30
Bromodichloromethane	84		81		70-130	4		30
trans-1,3-Dichloropropene	90		86		70-130	5		30
cis-1,3-Dichloropropene	90		86		70-130	5		30
1,1-Dichloropropene	86		80		70-130	7		30
Bromoform	84		82		70-130	2		30
1,1,2,2-Tetrachloroethane	84		81		70-130	4		30
Benzene	86		81		70-130	6		30
Toluene	85		79		70-130	7		30
Ethylbenzene	87		82		70-130	6		30
Chloromethane	70		64		52-130	9		30
Bromomethane	81		76		57-147	6		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: SUN VALLEY SITE

Project Number: 12060 / PHASE 8

Lab Number: L2354250

Report Date: 09/22/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 High - Westborough Lab Associated sample(s): 02 Batch: WG1830338-3 WG1830338-4								
Vinyl chloride	73		67		67-130	9		30
Chloroethane	80		77		50-151	4		30
1,1-Dichloroethene	77		72		65-135	7		30
trans-1,2-Dichloroethene	81		76		70-130	6		30
Trichloroethene	87		83		70-130	5		30
1,2-Dichlorobenzene	96		93		70-130	3		30
1,3-Dichlorobenzene	95		91		70-130	4		30
1,4-Dichlorobenzene	95		91		70-130	4		30
Methyl tert butyl ether	93		91		66-130	2		30
p/m-Xylene	91		86		70-130	6		30
o-Xylene	90		87		70-130	3		30
cis-1,2-Dichloroethene	84		81		70-130	4		30
Dibromomethane	88		86		70-130	2		30
Styrene	90		86		70-130	5		30
Dichlorodifluoromethane	71		65		30-146	9		30
Acetone	71		67		54-140	6		30
Carbon disulfide	75		70		59-130	7		30
2-Butanone	77		76		70-130	1		30
Vinyl acetate	82		77		70-130	6		30
4-Methyl-2-pentanone	78		73		70-130	7		30
1,2,3-Trichloropropane	86		83		68-130	4		30
2-Hexanone	77		72		70-130	7		30
Bromochloromethane	90		90		70-130	0		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: SUN VALLEY SITE

Project Number: 12060 / PHASE 8

Lab Number: L2354250

Report Date: 09/22/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 High - Westborough Lab Associated sample(s): 02 Batch: WG1830338-3 WG1830338-4								
2,2-Dichloropropane	82		77		70-130	6		30
1,2-Dibromoethane	95		93		70-130	2		30
1,3-Dichloropropane	92		89		69-130	3		30
1,1,1,2-Tetrachloroethane	94		90		70-130	4		30
Bromobenzene	93		89		70-130	4		30
n-Butylbenzene	90		85		70-130	6		30
sec-Butylbenzene	89		84		70-130	6		30
tert-Butylbenzene	89		85		70-130	5		30
o-Chlorotoluene	88		84		70-130	5		30
p-Chlorotoluene	88		84		70-130	5		30
1,2-Dibromo-3-chloropropane	78		79		68-130	1		30
Hexachlorobutadiene	85		82		67-130	4		30
Isopropylbenzene	88		83		70-130	6		30
p-Isopropyltoluene	91		86		70-130	6		30
Naphthalene	94		92		70-130	2		30
Acrylonitrile	82		79		70-130	4		30
n-Propylbenzene	88		83		70-130	6		30
1,2,3-Trichlorobenzene	95		95		70-130	0		30
1,2,4-Trichlorobenzene	97		94		70-130	3		30
1,3,5-Trimethylbenzene	90		85		70-130	6		30
1,2,4-Trimethylbenzene	91		86		70-130	6		30
1,4-Dioxane	87		90		65-136	3		30
p-Diethylbenzene	91		86		70-130	6		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: SUN VALLEY SITE

Project Number: 12060 / PHASE 8

Lab Number: L2354250

Report Date: 09/22/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 High - Westborough Lab Associated sample(s): 02 Batch: WG1830338-3 WG1830338-4								
p-Ethyltoluene	90		85		70-130	6		30
1,2,4,5-Tetramethylbenzene	93		89		70-130	4		30
Ethyl ether	96		88		67-130	9		30
trans-1,4-Dichloro-2-butene	89		89		70-130	0		30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	87		88		70-130
Toluene-d8	98		96		70-130
4-Bromofluorobenzene	96		95		70-130
Dibromofluoromethane	93		95		70-130

SEMIVOLATILES

Project Name: SUN VALLEY SITE
Project Number: 12060 / PHASE 8

Lab Number: L2354250
Report Date: 09/22/23

SAMPLE RESULTS

Lab ID: L2354250-01
Client ID: COMP_A1(0-7)
Sample Location: OSSINING, NY

Date Collected: 09/15/23 09:40
Date Received: 09/15/23
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 09/19/23 05:28
Analyst: ALS
Percent Solids: 95%

Extraction Method: EPA 3546
Extraction Date: 09/17/23 00:10

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	140	18.	1
1,2,4-Trichlorobenzene	ND		ug/kg	170	20.	1
Hexachlorobenzene	ND		ug/kg	100	20.	1
Bis(2-chloroethyl)ether	ND		ug/kg	160	24.	1
2-Chloronaphthalene	ND		ug/kg	170	17.	1
1,2-Dichlorobenzene	ND		ug/kg	170	31.	1
1,3-Dichlorobenzene	ND		ug/kg	170	30.	1
1,4-Dichlorobenzene	ND		ug/kg	170	30.	1
3,3'-Dichlorobenzidine	ND		ug/kg	170	46.	1
2,4-Dinitrotoluene	ND		ug/kg	170	35.	1
2,6-Dinitrotoluene	ND		ug/kg	170	30.	1
Fluoranthene	ND		ug/kg	100	20.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	170	19.	1
4-Bromophenyl phenyl ether	ND		ug/kg	170	26.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	210	30.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	190	17.	1
Hexachlorobutadiene	ND		ug/kg	170	26.	1
Hexachlorocyclopentadiene	ND		ug/kg	500	160	1
Hexachloroethane	ND		ug/kg	140	28.	1
Isophorone	ND		ug/kg	160	23.	1
Naphthalene	47	J	ug/kg	170	21.	1
Nitrobenzene	ND		ug/kg	160	26.	1
NDPA/DPA	ND		ug/kg	140	20.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	170	27.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	170	60.	1
Butyl benzyl phthalate	ND		ug/kg	170	44.	1
Di-n-butylphthalate	ND		ug/kg	170	33.	1
Di-n-octylphthalate	ND		ug/kg	170	59.	1

Project Name: SUN VALLEY SITE

Lab Number: L2354250

Project Number: 12060 / PHASE 8

Report Date: 09/22/23

SAMPLE RESULTS

Lab ID: L2354250-01
 Client ID: COMP_A1(0-7)
 Sample Location: OSSINING, NY

Date Collected: 09/15/23 09:40
 Date Received: 09/15/23
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Diethyl phthalate	ND		ug/kg	170	16.	1
Dimethyl phthalate	ND		ug/kg	170	36.	1
Benzo(a)anthracene	ND		ug/kg	100	20.	1
Benzo(a)pyrene	ND		ug/kg	140	42.	1
Benzo(b)fluoranthene	ND		ug/kg	100	29.	1
Benzo(k)fluoranthene	ND		ug/kg	100	28.	1
Chrysene	ND		ug/kg	100	18.	1
Acenaphthylene	ND		ug/kg	140	27.	1
Anthracene	ND		ug/kg	100	34.	1
Benzo(ghi)perylene	ND		ug/kg	140	20.	1
Fluorene	ND		ug/kg	170	17.	1
Phenanthrene	ND		ug/kg	100	21.	1
Dibenzo(a,h)anthracene	ND		ug/kg	100	20.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	140	24.	1
Pyrene	ND		ug/kg	100	17.	1
Biphenyl	ND		ug/kg	400	23.	1
4-Chloroaniline	ND		ug/kg	170	32.	1
2-Nitroaniline	ND		ug/kg	170	34.	1
3-Nitroaniline	ND		ug/kg	170	33.	1
4-Nitroaniline	ND		ug/kg	170	72.	1
Dibenzofuran	ND		ug/kg	170	16.	1
2-Methylnaphthalene	34	J	ug/kg	210	21.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	170	18.	1
Acetophenone	ND		ug/kg	170	22.	1
2,4,6-Trichlorophenol	ND		ug/kg	100	33.	1
p-Chloro-m-cresol	ND		ug/kg	170	26.	1
2-Chlorophenol	ND		ug/kg	170	20.	1
2,4-Dichlorophenol	ND		ug/kg	160	28.	1
2,4-Dimethylphenol	ND		ug/kg	170	58.	1
2-Nitrophenol	ND		ug/kg	380	66.	1
4-Nitrophenol	ND		ug/kg	240	71.	1
2,4-Dinitrophenol	ND		ug/kg	840	81.	1
4,6-Dinitro-o-cresol	ND		ug/kg	450	84.	1
Pentachlorophenol	ND		ug/kg	140	38.	1
Phenol	ND		ug/kg	170	26.	1
2-Methylphenol	ND		ug/kg	170	27.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	250	27.	1

Project Name: SUN VALLEY SITE
Project Number: 12060 / PHASE 8

Lab Number: L2354250
Report Date: 09/22/23

SAMPLE RESULTS

Lab ID: L2354250-01
Client ID: COMP_A1(0-7)
Sample Location: OSSINING, NY

Date Collected: 09/15/23 09:40
Date Received: 09/15/23
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	170	33.	1
Benzoic Acid	ND		ug/kg	560	180	1
Benzyl Alcohol	ND		ug/kg	170	53.	1
Carbazole	ND		ug/kg	170	17.	1
1,4-Dioxane	ND		ug/kg	26	8.0	1

Tentatively Identified Compounds

No Tentatively Identified Compounds	ND	ug/kg	1
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Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	88		25-120
Phenol-d6	97		10-120
Nitrobenzene-d5	96		23-120
2-Fluorobiphenyl	98		30-120
2,4,6-Tribromophenol	99		10-136
4-Terphenyl-d14	88		18-120

Project Name: SUN VALLEY SITE
Project Number: 12060 / PHASE 8

Lab Number: L2354250
Report Date: 09/22/23

SAMPLE RESULTS

Lab ID: L2354250-03
Client ID: COMP_A1(7-14)
Sample Location: OSSINING, NY

Date Collected: 09/15/23 10:40
Date Received: 09/15/23
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 09/19/23 05:52
Analyst: ALS
Percent Solids: 94%

Extraction Method: EPA 3546
Extraction Date: 09/17/23 00:10

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	140	18.	1
1,2,4-Trichlorobenzene	ND		ug/kg	180	20.	1
Hexachlorobenzene	ND		ug/kg	100	20.	1
Bis(2-chloroethyl)ether	ND		ug/kg	160	24.	1
2-Chloronaphthalene	ND		ug/kg	180	17.	1
1,2-Dichlorobenzene	ND		ug/kg	180	32.	1
1,3-Dichlorobenzene	ND		ug/kg	180	30.	1
1,4-Dichlorobenzene	ND		ug/kg	180	31.	1
3,3'-Dichlorobenzidine	ND		ug/kg	180	47.	1
2,4-Dinitrotoluene	ND		ug/kg	180	35.	1
2,6-Dinitrotoluene	ND		ug/kg	180	30.	1
Fluoranthene	ND		ug/kg	100	20.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	180	19.	1
4-Bromophenyl phenyl ether	ND		ug/kg	180	27.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	210	30.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	190	18.	1
Hexachlorobutadiene	ND		ug/kg	180	26.	1
Hexachlorocyclopentadiene	ND		ug/kg	500	160	1
Hexachloroethane	ND		ug/kg	140	28.	1
Isophorone	ND		ug/kg	160	23.	1
Naphthalene	24	J	ug/kg	180	21.	1
Nitrobenzene	ND		ug/kg	160	26.	1
NDPA/DPA	ND		ug/kg	140	20.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	180	27.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	180	61.	1
Butyl benzyl phthalate	ND		ug/kg	180	44.	1
Di-n-butylphthalate	ND		ug/kg	180	33.	1
Di-n-octylphthalate	ND		ug/kg	180	60.	1

Project Name: SUN VALLEY SITE**Lab Number:** L2354250**Project Number:** 12060 / PHASE 8**Report Date:** 09/22/23**SAMPLE RESULTS**

Lab ID: L2354250-03
 Client ID: COMP_A1(7-14)
 Sample Location: OSSINING, NY

Date Collected: 09/15/23 10:40
 Date Received: 09/15/23
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Diethyl phthalate	ND		ug/kg	180	16.	1
Dimethyl phthalate	ND		ug/kg	180	37.	1
Benzo(a)anthracene	ND		ug/kg	100	20.	1
Benzo(a)pyrene	ND		ug/kg	140	43.	1
Benzo(b)fluoranthene	ND		ug/kg	100	30.	1
Benzo(k)fluoranthene	ND		ug/kg	100	28.	1
Chrysene	ND		ug/kg	100	18.	1
Acenaphthylene	ND		ug/kg	140	27.	1
Anthracene	ND		ug/kg	100	34.	1
Benzo(ghi)perylene	ND		ug/kg	140	21.	1
Fluorene	ND		ug/kg	180	17.	1
Phenanthrene	ND		ug/kg	100	21.	1
Dibenzo(a,h)anthracene	ND		ug/kg	100	20.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	140	24.	1
Pyrene	ND		ug/kg	100	17.	1
Biphenyl	ND		ug/kg	400	23.	1
4-Chloroaniline	ND		ug/kg	180	32.	1
2-Nitroaniline	ND		ug/kg	180	34.	1
3-Nitroaniline	ND		ug/kg	180	33.	1
4-Nitroaniline	ND		ug/kg	180	73.	1
Dibenzofuran	ND		ug/kg	180	17.	1
2-Methylnaphthalene	32	J	ug/kg	210	21.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	180	18.	1
Acetophenone	ND		ug/kg	180	22.	1
2,4,6-Trichlorophenol	ND		ug/kg	100	33.	1
p-Chloro-m-cresol	ND		ug/kg	180	26.	1
2-Chlorophenol	ND		ug/kg	180	21.	1
2,4-Dichlorophenol	ND		ug/kg	160	28.	1
2,4-Dimethylphenol	ND		ug/kg	180	58.	1
2-Nitrophenol	ND		ug/kg	380	66.	1
4-Nitrophenol	ND		ug/kg	240	72.	1
2,4-Dinitrophenol	ND		ug/kg	840	82.	1
4,6-Dinitro-o-cresol	ND		ug/kg	460	84.	1
Pentachlorophenol	ND		ug/kg	140	39.	1
Phenol	ND		ug/kg	180	26.	1
2-Methylphenol	ND		ug/kg	180	27.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	250	28.	1

Project Name: SUN VALLEY SITE
Project Number: 12060 / PHASE 8

Lab Number: L2354250
Report Date: 09/22/23

SAMPLE RESULTS

Lab ID: L2354250-03
Client ID: COMP_A1(7-14)
Sample Location: OSSINING, NY

Date Collected: 09/15/23 10:40
Date Received: 09/15/23
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	180	34.	1
Benzoic Acid	ND		ug/kg	570	180	1
Benzyl Alcohol	ND		ug/kg	180	54.	1
Carbazole	ND		ug/kg	180	17.	1
1,4-Dioxane	ND		ug/kg	26	8.1	1

Tentatively Identified Compounds

No Tentatively Identified Compounds	ND	ug/kg	1
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Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	84		25-120
Phenol-d6	94		10-120
Nitrobenzene-d5	98		23-120
2-Fluorobiphenyl	99		30-120
2,4,6-Tribromophenol	96		10-136
4-Terphenyl-d14	88		18-120

Project Name: SUN VALLEY SITE
Project Number: 12060 / PHASE 8

Lab Number: L2354250
Report Date: 09/22/23

SAMPLE RESULTS

Lab ID: L2354250-05
Client ID: COMP_A1(14-20)
Sample Location: OSSINING, NY

Date Collected: 09/15/23 10:45
Date Received: 09/15/23
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 09/19/23 04:16
Analyst: ALS
Percent Solids: 93%

Extraction Method: EPA 3546
Extraction Date: 09/17/23 00:10

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	140	18.	1
1,2,4-Trichlorobenzene	ND		ug/kg	180	20.	1
Hexachlorobenzene	ND		ug/kg	100	20.	1
Bis(2-chloroethyl)ether	ND		ug/kg	160	24.	1
2-Chloronaphthalene	ND		ug/kg	180	17.	1
1,2-Dichlorobenzene	ND		ug/kg	180	32.	1
1,3-Dichlorobenzene	ND		ug/kg	180	30.	1
1,4-Dichlorobenzene	ND		ug/kg	180	31.	1
3,3'-Dichlorobenzidine	ND		ug/kg	180	47.	1
2,4-Dinitrotoluene	ND		ug/kg	180	35.	1
2,6-Dinitrotoluene	ND		ug/kg	180	30.	1
Fluoranthene	ND		ug/kg	100	20.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	180	19.	1
4-Bromophenyl phenyl ether	ND		ug/kg	180	27.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	210	30.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	190	18.	1
Hexachlorobutadiene	ND		ug/kg	180	26.	1
Hexachlorocyclopentadiene	ND		ug/kg	500	160	1
Hexachloroethane	ND		ug/kg	140	28.	1
Isophorone	ND		ug/kg	160	23.	1
Naphthalene	ND		ug/kg	180	21.	1
Nitrobenzene	ND		ug/kg	160	26.	1
NDPA/DPA	ND		ug/kg	140	20.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	180	27.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	180	61.	1
Butyl benzyl phthalate	ND		ug/kg	180	44.	1
Di-n-butylphthalate	ND		ug/kg	180	33.	1
Di-n-octylphthalate	ND		ug/kg	180	60.	1

Project Name: SUN VALLEY SITE**Lab Number:** L2354250**Project Number:** 12060 / PHASE 8**Report Date:** 09/22/23**SAMPLE RESULTS**

Lab ID: L2354250-05
 Client ID: COMP_A1(14-20)
 Sample Location: OSSINING, NY

Date Collected: 09/15/23 10:45
 Date Received: 09/15/23
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Diethyl phthalate	ND		ug/kg	180	16.	1
Dimethyl phthalate	ND		ug/kg	180	37.	1
Benzo(a)anthracene	ND		ug/kg	100	20.	1
Benzo(a)pyrene	ND		ug/kg	140	43.	1
Benzo(b)fluoranthene	ND		ug/kg	100	30.	1
Benzo(k)fluoranthene	ND		ug/kg	100	28.	1
Chrysene	ND		ug/kg	100	18.	1
Acenaphthylene	ND		ug/kg	140	27.	1
Anthracene	ND		ug/kg	100	34.	1
Benzo(ghi)perylene	ND		ug/kg	140	21.	1
Fluorene	ND		ug/kg	180	17.	1
Phenanthrene	ND		ug/kg	100	21.	1
Dibenzo(a,h)anthracene	ND		ug/kg	100	20.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	140	24.	1
Pyrene	ND		ug/kg	100	17.	1
Biphenyl	ND		ug/kg	400	23.	1
4-Chloroaniline	ND		ug/kg	180	32.	1
2-Nitroaniline	ND		ug/kg	180	34.	1
3-Nitroaniline	ND		ug/kg	180	33.	1
4-Nitroaniline	ND		ug/kg	180	73.	1
Dibenzofuran	ND		ug/kg	180	17.	1
2-Methylnaphthalene	ND		ug/kg	210	21.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	180	18.	1
Acetophenone	ND		ug/kg	180	22.	1
2,4,6-Trichlorophenol	ND		ug/kg	100	33.	1
p-Chloro-m-cresol	ND		ug/kg	180	26.	1
2-Chlorophenol	ND		ug/kg	180	21.	1
2,4-Dichlorophenol	ND		ug/kg	160	28.	1
2,4-Dimethylphenol	ND		ug/kg	180	58.	1
2-Nitrophenol	ND		ug/kg	380	66.	1
4-Nitrophenol	ND		ug/kg	240	72.	1
2,4-Dinitrophenol	ND		ug/kg	840	82.	1
4,6-Dinitro-o-cresol	ND		ug/kg	460	84.	1
Pentachlorophenol	ND		ug/kg	140	39.	1
Phenol	ND		ug/kg	180	26.	1
2-Methylphenol	ND		ug/kg	180	27.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	250	27.	1

Project Name: SUN VALLEY SITE
Project Number: 12060 / PHASE 8

Lab Number: L2354250
Report Date: 09/22/23

SAMPLE RESULTS

Lab ID: L2354250-05
Client ID: COMP_A1(14-20)
Sample Location: OSSINING, NY

Date Collected: 09/15/23 10:45
Date Received: 09/15/23
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	180	34.	1
Benzoic Acid	ND		ug/kg	570	180	1
Benzyl Alcohol	ND		ug/kg	180	54.	1
Carbazole	ND		ug/kg	180	17.	1
1,4-Dioxane	ND		ug/kg	26	8.1	1

Tentatively Identified Compounds

No Tentatively Identified Compounds	ND	ug/kg	1
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Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	73		25-120
Phenol-d6	78		10-120
Nitrobenzene-d5	80		23-120
2-Fluorobiphenyl	78		30-120
2,4,6-Tribromophenol	80		10-136
4-Terphenyl-d14	71		18-120

Project Name: SUN VALLEY SITE
Project Number: 12060 / PHASE 8

Lab Number: L2354250
Report Date: 09/22/23

SAMPLE RESULTS

Lab ID: L2354250-07
Client ID: COMP_A2(0-7)
Sample Location: OSSINING, NY

Date Collected: 09/15/23 15:00
Date Received: 09/15/23
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 09/19/23 06:16
Analyst: ALS
Percent Solids: 92%

Extraction Method: EPA 3546
Extraction Date: 09/17/23 00:10

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	140	18.	1
1,2,4-Trichlorobenzene	ND		ug/kg	180	20.	1
Hexachlorobenzene	ND		ug/kg	110	20.	1
Bis(2-chloroethyl)ether	ND		ug/kg	160	24.	1
2-Chloronaphthalene	ND		ug/kg	180	18.	1
1,2-Dichlorobenzene	ND		ug/kg	180	32.	1
1,3-Dichlorobenzene	ND		ug/kg	180	31.	1
1,4-Dichlorobenzene	ND		ug/kg	180	31.	1
3,3'-Dichlorobenzidine	ND		ug/kg	180	48.	1
2,4-Dinitrotoluene	ND		ug/kg	180	36.	1
2,6-Dinitrotoluene	ND		ug/kg	180	31.	1
Fluoranthene	ND		ug/kg	110	20.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	180	19.	1
4-Bromophenyl phenyl ether	ND		ug/kg	180	27.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	210	30.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	190	18.	1
Hexachlorobutadiene	ND		ug/kg	180	26.	1
Hexachlorocyclopentadiene	ND		ug/kg	510	160	1
Hexachloroethane	ND		ug/kg	140	29.	1
Isophorone	ND		ug/kg	160	23.	1
Naphthalene	ND		ug/kg	180	22.	1
Nitrobenzene	ND		ug/kg	160	26.	1
NDPA/DPA	ND		ug/kg	140	20.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	180	28.	1
Bis(2-ethylhexyl)phthalate	81	J	ug/kg	180	62.	1
Butyl benzyl phthalate	ND		ug/kg	180	45.	1
Di-n-butylphthalate	ND		ug/kg	180	34.	1
Di-n-octylphthalate	ND		ug/kg	180	61.	1

Project Name: SUN VALLEY SITE

Lab Number: L2354250

Project Number: 12060 / PHASE 8

Report Date: 09/22/23

SAMPLE RESULTS

Lab ID: L2354250-07
 Client ID: COMP_A2(0-7)
 Sample Location: OSSINING, NY

Date Collected: 09/15/23 15:00
 Date Received: 09/15/23
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Diethyl phthalate	ND		ug/kg	180	16.	1
Dimethyl phthalate	ND		ug/kg	180	38.	1
Benzo(a)anthracene	ND		ug/kg	110	20.	1
Benzo(a)pyrene	ND		ug/kg	140	44.	1
Benzo(b)fluoranthene	ND		ug/kg	110	30.	1
Benzo(k)fluoranthene	ND		ug/kg	110	29.	1
Chrysene	ND		ug/kg	110	19.	1
Acenaphthylene	ND		ug/kg	140	28.	1
Anthracene	ND		ug/kg	110	35.	1
Benzo(ghi)perylene	ND		ug/kg	140	21.	1
Fluorene	ND		ug/kg	180	17.	1
Phenanthrene	ND		ug/kg	110	22.	1
Dibenzo(a,h)anthracene	ND		ug/kg	110	21.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	140	25.	1
Pyrene	ND		ug/kg	110	18.	1
Biphenyl	ND		ug/kg	410	23.	1
4-Chloroaniline	ND		ug/kg	180	32.	1
2-Nitroaniline	ND		ug/kg	180	34.	1
3-Nitroaniline	ND		ug/kg	180	34.	1
4-Nitroaniline	ND		ug/kg	180	74.	1
Dibenzofuran	ND		ug/kg	180	17.	1
2-Methylnaphthalene	ND		ug/kg	210	22.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	180	19.	1
Acetophenone	ND		ug/kg	180	22.	1
2,4,6-Trichlorophenol	ND		ug/kg	110	34.	1
p-Chloro-m-cresol	ND		ug/kg	180	27.	1
2-Chlorophenol	ND		ug/kg	180	21.	1
2,4-Dichlorophenol	ND		ug/kg	160	29.	1
2,4-Dimethylphenol	ND		ug/kg	180	59.	1
2-Nitrophenol	ND		ug/kg	390	67.	1
4-Nitrophenol	ND		ug/kg	250	73.	1
2,4-Dinitrophenol	ND		ug/kg	860	83.	1
4,6-Dinitro-o-cresol	ND		ug/kg	460	86.	1
Pentachlorophenol	ND		ug/kg	140	39.	1
Phenol	ND		ug/kg	180	27.	1
2-Methylphenol	ND		ug/kg	180	28.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	260	28.	1

Project Name: SUN VALLEY SITE
Project Number: 12060 / PHASE 8

Lab Number: L2354250
Report Date: 09/22/23

SAMPLE RESULTS

Lab ID: L2354250-07
Client ID: COMP_A2(0-7)
Sample Location: OSSINING, NY

Date Collected: 09/15/23 15:00
Date Received: 09/15/23
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	180	34.	1
Benzoic Acid	ND		ug/kg	580	180	1
Benzyl Alcohol	ND		ug/kg	180	55.	1
Carbazole	ND		ug/kg	180	17.	1
1,4-Dioxane	ND		ug/kg	27	8.2	1

Tentatively Identified Compounds

No Tentatively Identified Compounds	ND	ug/kg	1
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Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	79		25-120
Phenol-d6	86		10-120
Nitrobenzene-d5	87		23-120
2-Fluorobiphenyl	89		30-120
2,4,6-Tribromophenol	97		10-136
4-Terphenyl-d14	77		18-120

Project Name: SUN VALLEY SITE
Project Number: 12060 / PHASE 8

Lab Number: L2354250
Report Date: 09/22/23

SAMPLE RESULTS

Lab ID: L2354250-09
Client ID: COMP_A2(7-19)
Sample Location: OSSINING, NY

Date Collected: 09/15/23 15:00
Date Received: 09/15/23
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 09/19/23 02:41
Analyst: ALS
Percent Solids: 91%

Extraction Method: EPA 3546
Extraction Date: 09/17/23 00:10

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	140	18.	1
1,2,4-Trichlorobenzene	ND		ug/kg	180	20.	1
Hexachlorobenzene	ND		ug/kg	110	20.	1
Bis(2-chloroethyl)ether	ND		ug/kg	160	24.	1
2-Chloronaphthalene	ND		ug/kg	180	18.	1
1,2-Dichlorobenzene	ND		ug/kg	180	32.	1
1,3-Dichlorobenzene	ND		ug/kg	180	31.	1
1,4-Dichlorobenzene	ND		ug/kg	180	31.	1
3,3'-Dichlorobenzidine	ND		ug/kg	180	48.	1
2,4-Dinitrotoluene	ND		ug/kg	180	36.	1
2,6-Dinitrotoluene	ND		ug/kg	180	31.	1
Fluoranthene	ND		ug/kg	110	20.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	180	19.	1
4-Bromophenyl phenyl ether	ND		ug/kg	180	27.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	210	30.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	190	18.	1
Hexachlorobutadiene	ND		ug/kg	180	26.	1
Hexachlorocyclopentadiene	ND		ug/kg	510	160	1
Hexachloroethane	ND		ug/kg	140	29.	1
Isophorone	ND		ug/kg	160	23.	1
Naphthalene	ND		ug/kg	180	22.	1
Nitrobenzene	ND		ug/kg	160	26.	1
NDPA/DPA	ND		ug/kg	140	20.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	180	28.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	180	62.	1
Butyl benzyl phthalate	ND		ug/kg	180	45.	1
Di-n-butylphthalate	ND		ug/kg	180	34.	1
Di-n-octylphthalate	ND		ug/kg	180	61.	1

Project Name: SUN VALLEY SITE**Lab Number:** L2354250**Project Number:** 12060 / PHASE 8**Report Date:** 09/22/23**SAMPLE RESULTS**

Lab ID: L2354250-09
 Client ID: COMP_A2(7-19)
 Sample Location: OSSINING, NY

Date Collected: 09/15/23 15:00
 Date Received: 09/15/23
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Diethyl phthalate	ND		ug/kg	180	16.	1
Dimethyl phthalate	ND		ug/kg	180	38.	1
Benzo(a)anthracene	ND		ug/kg	110	20.	1
Benzo(a)pyrene	ND		ug/kg	140	44.	1
Benzo(b)fluoranthene	ND		ug/kg	110	30.	1
Benzo(k)fluoranthene	ND		ug/kg	110	28.	1
Chrysene	ND		ug/kg	110	18.	1
Acenaphthylene	ND		ug/kg	140	28.	1
Anthracene	ND		ug/kg	110	35.	1
Benzo(ghi)perylene	ND		ug/kg	140	21.	1
Fluorene	ND		ug/kg	180	17.	1
Phenanthrene	ND		ug/kg	110	22.	1
Dibenzo(a,h)anthracene	ND		ug/kg	110	21.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	140	25.	1
Pyrene	ND		ug/kg	110	18.	1
Biphenyl	ND		ug/kg	410	23.	1
4-Chloroaniline	ND		ug/kg	180	32.	1
2-Nitroaniline	ND		ug/kg	180	34.	1
3-Nitroaniline	ND		ug/kg	180	34.	1
4-Nitroaniline	ND		ug/kg	180	74.	1
Dibenzofuran	ND		ug/kg	180	17.	1
2-Methylnaphthalene	ND		ug/kg	210	22.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	180	19.	1
Acetophenone	ND		ug/kg	180	22.	1
2,4,6-Trichlorophenol	ND		ug/kg	110	34.	1
p-Chloro-m-cresol	ND		ug/kg	180	27.	1
2-Chlorophenol	ND		ug/kg	180	21.	1
2,4-Dichlorophenol	ND		ug/kg	160	29.	1
2,4-Dimethylphenol	ND		ug/kg	180	59.	1
2-Nitrophenol	ND		ug/kg	380	67.	1
4-Nitrophenol	ND		ug/kg	250	73.	1
2,4-Dinitrophenol	ND		ug/kg	860	83.	1
4,6-Dinitro-o-cresol	ND		ug/kg	460	86.	1
Pentachlorophenol	ND		ug/kg	140	39.	1
Phenol	ND		ug/kg	180	27.	1
2-Methylphenol	ND		ug/kg	180	28.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	260	28.	1

Project Name: SUN VALLEY SITE
Project Number: 12060 / PHASE 8

Lab Number: L2354250
Report Date: 09/22/23

SAMPLE RESULTS

Lab ID: L2354250-09
Client ID: COMP_A2(7-19)
Sample Location: OSSINING, NY

Date Collected: 09/15/23 15:00
Date Received: 09/15/23
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	180	34.	1
Benzoic Acid	ND		ug/kg	580	180	1
Benzyl Alcohol	ND		ug/kg	180	55.	1
Carbazole	ND		ug/kg	180	17.	1
1,4-Dioxane	ND		ug/kg	27	8.2	1

Tentatively Identified Compounds

No Tentatively Identified Compounds	ND	ug/kg	1
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Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	80		25-120
Phenol-d6	86		10-120
Nitrobenzene-d5	90		23-120
2-Fluorobiphenyl	89		30-120
2,4,6-Tribromophenol	92		10-136
4-Terphenyl-d14	78		18-120

Project Name: SUN VALLEY SITE
Project Number: 12060 / PHASE 8

Lab Number: L2354250
Report Date: 09/22/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 09/19/23 01:08
Analyst: IM

Extraction Method: EPA 3546
Extraction Date: 09/17/23 00:10

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01,03,05,07,09 Batch: WG1828373-1					
Acenaphthene	ND		ug/kg	130	17.
1,2,4-Trichlorobenzene	ND		ug/kg	160	19.
Hexachlorobenzene	ND		ug/kg	99	18.
Bis(2-chloroethyl)ether	ND		ug/kg	150	22.
2-Chloronaphthalene	ND		ug/kg	160	16.
1,2-Dichlorobenzene	ND		ug/kg	160	30.
1,3-Dichlorobenzene	ND		ug/kg	160	28.
1,4-Dichlorobenzene	ND		ug/kg	160	29.
3,3'-Dichlorobenzidine	ND		ug/kg	160	44.
2,4-Dinitrotoluene	ND		ug/kg	160	33.
2,6-Dinitrotoluene	ND		ug/kg	160	28.
Fluoranthene	ND		ug/kg	99	19.
4-Chlorophenyl phenyl ether	ND		ug/kg	160	18.
4-Bromophenyl phenyl ether	ND		ug/kg	160	25.
Bis(2-chloroisopropyl)ether	ND		ug/kg	200	28.
Bis(2-chloroethoxy)methane	ND		ug/kg	180	17.
Hexachlorobutadiene	ND		ug/kg	160	24.
Hexachlorocyclopentadiene	ND		ug/kg	470	150
Hexachloroethane	ND		ug/kg	130	27.
Isophorone	ND		ug/kg	150	22.
Naphthalene	ND		ug/kg	160	20.
Nitrobenzene	ND		ug/kg	150	24.
NDPA/DPA	ND		ug/kg	130	19.
n-Nitrosodi-n-propylamine	ND		ug/kg	160	26.
Bis(2-ethylhexyl)phthalate	ND		ug/kg	160	57.
Butyl benzyl phthalate	ND		ug/kg	160	42.
Di-n-butylphthalate	ND		ug/kg	160	31.
Di-n-octylphthalate	ND		ug/kg	160	56.
Diethyl phthalate	ND		ug/kg	160	15.

Project Name: SUN VALLEY SITE
Project Number: 12060 / PHASE 8

Lab Number: L2354250
Report Date: 09/22/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 09/19/23 01:08
Analyst: IM

Extraction Method: EPA 3546
Extraction Date: 09/17/23 00:10

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01,03,05,07,09 Batch: WG1828373-1					
Dimethyl phthalate	ND		ug/kg	160	35.
Benzo(a)anthracene	ND		ug/kg	99	19.
Benzo(a)pyrene	ND		ug/kg	130	40.
Benzo(b)fluoranthene	ND		ug/kg	99	28.
Benzo(k)fluoranthene	ND		ug/kg	99	26.
Chrysene	ND		ug/kg	99	17.
Acenaphthylene	ND		ug/kg	130	26.
Anthracene	ND		ug/kg	99	32.
Benzo(ghi)perylene	ND		ug/kg	130	19.
Fluorene	ND		ug/kg	160	16.
Phenanthrene	ND		ug/kg	99	20.
Dibenzo(a,h)anthracene	ND		ug/kg	99	19.
Indeno(1,2,3-cd)pyrene	ND		ug/kg	130	23.
Pyrene	ND		ug/kg	99	16.
Biphenyl	ND		ug/kg	380	22.
4-Chloroaniline	ND		ug/kg	160	30.
2-Nitroaniline	ND		ug/kg	160	32.
3-Nitroaniline	ND		ug/kg	160	31.
4-Nitroaniline	ND		ug/kg	160	68.
Dibenzofuran	ND		ug/kg	160	16.
2-Methylnaphthalene	ND		ug/kg	200	20.
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	160	17.
Acetophenone	ND		ug/kg	160	20.
2,4,6-Trichlorophenol	ND		ug/kg	99	31.
p-Chloro-m-cresol	ND		ug/kg	160	25.
2-Chlorophenol	ND		ug/kg	160	20.
2,4-Dichlorophenol	ND		ug/kg	150	27.
2,4-Dimethylphenol	ND		ug/kg	160	55.
2-Nitrophenol	ND		ug/kg	360	62.

Project Name: SUN VALLEY SITE
Project Number: 12060 / PHASE 8

Lab Number: L2354250
Report Date: 09/22/23

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 09/19/23 01:08
Analyst: IM

Extraction Method: EPA 3546
Extraction Date: 09/17/23 00:10

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01,03,05,07,09 Batch: WG1828373-1					
4-Nitrophenol	ND		ug/kg	230	68.
2,4-Dinitrophenol	ND		ug/kg	800	77.
4,6-Dinitro-o-cresol	ND		ug/kg	430	80.
Pentachlorophenol	ND		ug/kg	130	36.
Phenol	ND		ug/kg	160	25.
2-Methylphenol	ND		ug/kg	160	26.
3-Methylphenol/4-Methylphenol	ND		ug/kg	240	26.
2,4,5-Trichlorophenol	ND		ug/kg	160	32.
Benzoic Acid	ND		ug/kg	540	170
Benzyl Alcohol	ND		ug/kg	160	51.
Carbazole	ND		ug/kg	160	16.
1,4-Dioxane	ND		ug/kg	25	7.6

Tentatively Identified Compounds

No Tentatively Identified Compounds ND ug/kg

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	85		25-120
Phenol-d6	84		10-120
Nitrobenzene-d5	76		23-120
2-Fluorobiphenyl	75		30-120
2,4,6-Tribromophenol	90		10-136
4-Terphenyl-d14	81		18-120

Lab Control Sample Analysis **Batch Quality Control**

Project Name: SUN VALLEY SITE

Project Number: 12060 / PHASE 8

Lab Number: L2354250

Report Date: 09/22/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01,03,05,07,09 Batch: WG1828373-2 WG1828373-3								
Acenaphthene	85		85		31-137	0		50
1,2,4-Trichlorobenzene	83		84		38-107	1		50
Hexachlorobenzene	91		92		40-140	1		50
Bis(2-chloroethyl)ether	86		82		40-140	5		50
2-Chloronaphthalene	82		83		40-140	1		50
1,2-Dichlorobenzene	84		83		40-140	1		50
1,3-Dichlorobenzene	85		83		40-140	2		50
1,4-Dichlorobenzene	85		84		28-104	1		50
3,3'-Dichlorobenzidine	75		77		40-140	3		50
2,4-Dinitrotoluene	91		92		40-132	1		50
2,6-Dinitrotoluene	85		87		40-140	2		50
Fluoranthene	86		86		40-140	0		50
4-Chlorophenyl phenyl ether	84		85		40-140	1		50
4-Bromophenyl phenyl ether	86		87		40-140	1		50
Bis(2-chloroisopropyl)ether	91		88		40-140	3		50
Bis(2-chloroethoxy)methane	85		83		40-117	2		50
Hexachlorobutadiene	75		74		40-140	1		50
Hexachlorocyclopentadiene	67		66		40-140	2		50
Hexachloroethane	82		80		40-140	2		50
Isophorone	78		79		40-140	1		50
Naphthalene	86		86		40-140	0		50
Nitrobenzene	81		80		40-140	1		50
NDPA/DPA	89		89		36-157	0		50

Lab Control Sample Analysis

Batch Quality Control

Project Name: SUN VALLEY SITE

Project Number: 12060 / PHASE 8

Lab Number: L2354250

Report Date: 09/22/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01,03,05,07,09 Batch: WG1828373-2 WG1828373-3								
n-Nitrosodi-n-propylamine	79		79		32-121	0		50
Bis(2-ethylhexyl)phthalate	106		103		40-140	3		50
Butyl benzyl phthalate	96		94		40-140	2		50
Di-n-butylphthalate	97		96		40-140	1		50
Di-n-octylphthalate	107		104		40-140	3		50
Diethyl phthalate	89		91		40-140	2		50
Dimethyl phthalate	81		83		40-140	2		50
Benzo(a)anthracene	88		88		40-140	0		50
Benzo(a)pyrene	94		93		40-140	1		50
Benzo(b)fluoranthene	92		87		40-140	6		50
Benzo(k)fluoranthene	91		95		40-140	4		50
Chrysene	91		91		40-140	0		50
Acenaphthylene	84		85		40-140	1		50
Anthracene	90		91		40-140	1		50
Benzo(ghi)perylene	90		89		40-140	1		50
Fluorene	90		90		40-140	0		50
Phenanthrene	88		88		40-140	0		50
Dibenzo(a,h)anthracene	93		92		40-140	1		50
Indeno(1,2,3-cd)pyrene	100		99		40-140	1		50
Pyrene	86		86		35-142	0		50
Biphenyl	93		93		37-127	0		50
4-Chloroaniline	58		57		40-140	2		50
2-Nitroaniline	88		89		47-134	1		50

Lab Control Sample Analysis

Batch Quality Control

Project Name: SUN VALLEY SITE

Project Number: 12060 / PHASE 8

Lab Number: L2354250

Report Date: 09/22/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01,03,05,07,09 Batch: WG1828373-2 WG1828373-3								
3-Nitroaniline	80		81		26-129	1		50
4-Nitroaniline	94		97		41-125	3		50
Dibenzofuran	89		90		40-140	1		50
2-Methylnaphthalene	89		89		40-140	0		50
1,2,4,5-Tetrachlorobenzene	82		82		40-117	0		50
Acetophenone	96		97		14-144	1		50
2,4,6-Trichlorophenol	84		85		30-130	1		50
p-Chloro-m-cresol	88		88		26-103	0		50
2-Chlorophenol	95		95		25-102	0		50
2,4-Dichlorophenol	90		92		30-130	2		50
2,4-Dimethylphenol	74		76		30-130	3		50
2-Nitrophenol	88		90		30-130	2		50
4-Nitrophenol	94		92		11-114	2		50
2,4-Dinitrophenol	54		65		4-130	18		50
4,6-Dinitro-o-cresol	86		90		10-130	5		50
Pentachlorophenol	82		86		17-109	5		50
Phenol	92	Q	91	Q	26-90	1		50
2-Methylphenol	92		92		30-130	0		50
3-Methylphenol/4-Methylphenol	93		93		30-130	0		50
2,4,5-Trichlorophenol	84		87		30-130	4		50
Benzoic Acid	11		11		10-110	0		50
Benzyl Alcohol	88		89		40-140	1		50
Carbazole	93		93		54-128	0		50

Lab Control Sample Analysis

Batch Quality Control

Project Name: SUN VALLEY SITE

Project Number: 12060 / PHASE 8

Lab Number: L2354250

Report Date: 09/22/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01,03,05,07,09 Batch: WG1828373-2 WG1828373-3								
1,4-Dioxane	71		65		40-140	9		50

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	102		103		25-120
Phenol-d6	96		97		10-120
Nitrobenzene-d5	81		81		23-120
2-Fluorobiphenyl	81		83		30-120
2,4,6-Tribromophenol	96		96		10-136
4-Terphenyl-d14	87		86		18-120

PETROLEUM HYDROCARBONS

Project Name: SUN VALLEY SITE
Project Number: 12060 / PHASE 8

Lab Number: L2354250
Report Date: 09/22/23

SAMPLE RESULTS

Lab ID: L2354250-01
 Client ID: COMP_A1(0-7)
 Sample Location: OSSINING, NY

Date Collected: 09/15/23 09:40
 Date Received: 09/15/23
 Field Prep: Not Specified

Sample Depth:
 Matrix: Soil
 Analytical Method: 103,NJDEP EPH
 Analytical Date: 09/18/23 15:50
 Analyst: CRE
 Percent Solids: 95%

Extraction Method: EPA 3546
 Extraction Date: 09/17/23 05:00

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
NJ Extractable Petroleum Hydrocarbons (Total) - Westborough Lab						
Total EPH	ND		mg/kg	25.0	25.0	1
Surrogate	% Recovery		Qualifier	Acceptance Criteria		
Chloro-Octadecane	86			40-140		
o-Terphenyl	86			40-140		

Project Name: SUN VALLEY SITE
Project Number: 12060 / PHASE 8

Lab Number: L2354250
Report Date: 09/22/23

SAMPLE RESULTS

Lab ID: L2354250-03
 Client ID: COMP_A1(7-14)
 Sample Location: OSSINING, NY

Date Collected: 09/15/23 10:40
 Date Received: 09/15/23
 Field Prep: Not Specified

Sample Depth:
 Matrix: Soil
 Analytical Method: 103,NJDEP EPH
 Analytical Date: 09/18/23 12:10
 Analyst: CRE
 Percent Solids: 94%

Extraction Method: EPA 3546
 Extraction Date: 09/17/23 05:00

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
NJ Extractable Petroleum Hydrocarbons (Total) - Westborough Lab						
Total EPH	ND		mg/kg	24.5	24.5	1
Surrogate	% Recovery		Qualifier	Acceptance Criteria		
Chloro-Octadecane	69			40-140		
o-Terphenyl	69			40-140		

Project Name: SUN VALLEY SITE
Project Number: 12060 / PHASE 8

Lab Number: L2354250
Report Date: 09/22/23

SAMPLE RESULTS

Lab ID: L2354250-05
Client ID: COMP_A1(14-20)
Sample Location: OSSINING, NY

Date Collected: 09/15/23 10:45
Date Received: 09/15/23
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 103,NJDEP EPH
Analytical Date: 09/18/23 12:45
Analyst: CRE
Percent Solids: 93%

Extraction Method: EPA 3546
Extraction Date: 09/17/23 05:00

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
NJ Extractable Petroleum Hydrocarbons (Total) - Westborough Lab						
Total EPH	ND		mg/kg	25.5	25.5	1
Surrogate	% Recovery		Qualifier	Acceptance Criteria		
Chloro-Octadecane	93			40-140		
o-Terphenyl	93			40-140		

Project Name: SUN VALLEY SITE
Project Number: 12060 / PHASE 8

Lab Number: L2354250
Report Date: 09/22/23

SAMPLE RESULTS

Lab ID: L2354250-07
 Client ID: COMP_A2(0-7)
 Sample Location: OSSINING, NY

Date Collected: 09/15/23 15:00
 Date Received: 09/15/23
 Field Prep: Not Specified

Sample Depth:
 Matrix: Soil
 Analytical Method: 103,NJDEP EPH
 Analytical Date: 09/18/23 13:21
 Analyst: CRE
 Percent Solids: 92%

Extraction Method: EPA 3546
 Extraction Date: 09/17/23 05:00

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
NJ Extractable Petroleum Hydrocarbons (Total) - Westborough Lab						
Total EPH	ND		mg/kg	25.8	25.8	1
Surrogate	% Recovery		Qualifier	Acceptance Criteria		
Chloro-Octadecane	82			40-140		
o-Terphenyl	83			40-140		

Project Name: SUN VALLEY SITE
Project Number: 12060 / PHASE 8

Lab Number: L2354250
Report Date: 09/22/23

SAMPLE RESULTS

Lab ID: L2354250-09
 Client ID: COMP_A2(7-19)
 Sample Location: OSSINING, NY

Date Collected: 09/15/23 15:00
 Date Received: 09/15/23
 Field Prep: Not Specified

Sample Depth:
 Matrix: Soil
 Analytical Method: 103,NJDEP EPH
 Analytical Date: 09/18/23 11:35
 Analyst: CRE
 Percent Solids: 91%

Extraction Method: EPA 3546
 Extraction Date: 09/17/23 05:00

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
NJ Extractable Petroleum Hydrocarbons (Total) - Westborough Lab						
Total EPH	ND		mg/kg	25.6	25.6	1
Surrogate	% Recovery		Qualifier	Acceptance Criteria		
Chloro-Octadecane	87			40-140		
o-Terphenyl	87			40-140		

Project Name: SUN VALLEY SITE
Project Number: 12060 / PHASE 8

Lab Number: L2354250
Report Date: 09/22/23

Method Blank Analysis Batch Quality Control

Analytical Method: 103,NJDEP EPH
Analytical Date: 09/17/23 13:22
Analyst: SC

Extraction Method: EPA 3546
Extraction Date: 09/16/23 12:56

Parameter	Result	Qualifier	Units	RL	MDL
NJ Extractable Petroleum Hydrocarbons (Total) - Westborough Lab for sample(s): 01,03,05,07,09 Batch: WG1828301-1					
Total EPH	ND		mg/kg	23.0	23.0

Surrogate	%Recovery	Qualifier	Acceptance Criteria
Chloro-Octadecane	72		40-140
o-Terphenyl	74		40-140

Lab Control Sample Analysis

Batch Quality Control

Project Name: SUN VALLEY SITE

Project Number: 12060 / PHASE 8

Lab Number: L2354250

Report Date: 09/22/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
NJ Extractable Petroleum Hydrocarbons (Total) - Westborough Lab Associated sample(s): 01,03,05,07,09 Batch: WG1828301-2 WG1828301-3								
Total EPH	90		72		40-140	22		25
Nonane (C9)	90		71		40-140	24		25
Decane (C10)	90		71		40-140	24		25
Dodecane (C12)	87		68		40-140	25		25
Tetradecane (C14)	83		66		40-140	23		25
Hexadecane (C16)	83		66		40-140	23		25
Octadecane (C18)	89		70		40-140	24		25
Eicosane (C20)	82		65		40-140	23		25
Heneicosane (C21)	85		67		40-140	24		25
Docosane (C22)	84		67		40-140	23		25
Tetracosane (C24)	84		67		40-140	23		25
Hexacosane (C26)	84		66		40-140	24		25
Octacosane (C28)	84		67		40-140	23		25
triacontane (C30)	84		67		40-140	23		25
Dotriacontane (C32)	85		68		40-140	22		25
Tetratriacontane (C34)	82		66		40-140	22		25
Hexatriacontane (C36)	82		66		40-140	22		25
Octatriacontane (C38)	79		64		40-140	21		25
Tetracontane (C40)	80		64		40-140	22		25

Lab Control Sample Analysis

Batch Quality Control

Project Name: SUN VALLEY SITE

Lab Number: L2354250

Project Number: 12060 / PHASE 8

Report Date: 09/22/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
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NJ Extractable Petroleum Hydrocarbons (Total) - Westborough Lab Associated sample(s): 01,03,05,07,09 Batch: WG1828301-2 WG1828301-3

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
Chloro-Octadecane	79		62		40-140
o-Terphenyl	79		62		40-140

Matrix Spike Analysis

Batch Quality Control

Project Name: SUN VALLEY SITE

Project Number: 12060 / PHASE 8

Lab Number: L2354250

Report Date: 09/22/23

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
NJ Extractable Petroleum Hydrocarbons (Total) - Westborough Lab Client ID: MS Sample Associated sample(s): 01,03,05,07,09 QC Batch ID: WG1828301-4 QC Sample: L2354208-02												
Total EPH	112	293	395	97		-	-		40-140	-		50
Nonane (C9)	ND	8.13	7.36	91		-	-		40-140	-		50
Decane (C10)	ND	8.13	7.42	91		-	-		40-140	-		50
Dodecane (C12)	ND	8.13	7.24	89		-	-		40-140	-		50
Tetradecane (C14)	ND	8.13	7.13	88		-	-		40-140	-		50
Hexadecane (C16)	ND	8.13	7.32	90		-	-		40-140	-		50
Octadecane (C18)	ND	8.13	7.51	92		-	-		40-140	-		50
Eicosane (C20)	ND	8.13	7.17	88		-	-		40-140	-		50
Heneicosane (C21)	ND	8.13	7.28	90		-	-		40-140	-		50
Docosane (C22)	ND	8.13	7.26	89		-	-		40-140	-		50
Tetracosane (C24)	ND	8.13	7.28	90		-	-		40-140	-		50
Hexacosane (C26)	ND	8.13	7.21	89		-	-		40-140	-		50
Octacosane (C28)	ND	8.13	7.20	89		-	-		40-140	-		50
triacontane (C30)	ND	8.13	7.18	88		-	-		40-140	-		50
Dotriacontane (C32)	ND	8.13	7.32	90		-	-		40-140	-		50
Tetratriacontane (C34)	ND	8.13	7.16	88		-	-		40-140	-		50
Hexatriacontane (C36)	ND	8.13	7.26	89		-	-		40-140	-		50
Octatriacontane (C38)	ND	8.13	7.19	88		-	-		40-140	-		50
Tetracontane (C40)	ND	8.13	7.14	88		-	-		40-140	-		50

Surrogate	MS % Recovery	MS Qualifier	MSD % Recovery	MSD Qualifier	Acceptance Criteria
Chloro-Octadecane	82				40-140

Matrix Spike Analysis**Batch Quality Control****Project Name:** SUN VALLEY SITE**Lab Number:** L2354250**Project Number:** 12060 / PHASE 8**Report Date:** 09/22/23

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
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NJ Extractable Petroleum Hydrocarbons (Total) - Westborough Lab Associated sample(s): 01,03,05,07,09 QC Batch ID: WG1828301-4 QC Sample: L2354208-02
 Client ID: MS Sample

Surrogate	MS % Recovery	Qualifier	MSD % Recovery	Qualifier	Acceptance Criteria
o-Terphenyl	80				40-140

Lab Duplicate Analysis

Batch Quality Control

Project Name: SUN VALLEY SITE

Project Number: 12060 / PHASE 8

Lab Number: L2354250

Report Date: 09/22/23

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
NJ Extractable Petroleum Hydrocarbons (Total) - Westborough Lab Associated sample(s): 01,03,05,07,09 QC Batch ID: WG1828301-5 QC Sample: L2354208-02 Client ID: DUP Sample						
Total EPH	112	116	mg/kg	4		50

Surrogate	%Recovery	Qualifier	%Recovery	Qualifier	Acceptance Criteria
Chloro-Octadecane	82		83		40-140
o-Terphenyl	81		82		40-140

PCBS

Project Name: SUN VALLEY SITE
Project Number: 12060 / PHASE 8

Lab Number: L2354250
Report Date: 09/22/23

SAMPLE RESULTS

Lab ID: L2354250-01
Client ID: COMP_A1(0-7)
Sample Location: OSSINING, NY

Date Collected: 09/15/23 09:40
Date Received: 09/15/23
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 09/18/23 08:56
Analyst: ENT
Percent Solids: 95%

Extraction Method: EPA 3546
Extraction Date: 09/17/23 01:27
Cleanup Method: EPA 3665A
Cleanup Date: 09/17/23
Cleanup Method: EPA 3660B
Cleanup Date: 09/18/23

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	51.7	4.59	1	A
Aroclor 1221	ND		ug/kg	51.7	5.18	1	A
Aroclor 1232	ND		ug/kg	51.7	11.0	1	A
Aroclor 1242	ND		ug/kg	51.7	6.97	1	A
Aroclor 1248	ND		ug/kg	51.7	7.76	1	A
Aroclor 1254	ND		ug/kg	51.7	5.66	1	A
Aroclor 1260	ND		ug/kg	51.7	9.56	1	A
Aroclor 1262	ND		ug/kg	51.7	6.57	1	A
Aroclor 1268	ND		ug/kg	51.7	5.36	1	A
PCBs, Total	ND		ug/kg	51.7	4.59	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	76		30-150	A
Decachlorobiphenyl	79		30-150	A
2,4,5,6-Tetrachloro-m-xylene	79		30-150	B
Decachlorobiphenyl	84		30-150	B

Project Name: SUN VALLEY SITE
Project Number: 12060 / PHASE 8

Lab Number: L2354250
Report Date: 09/22/23

SAMPLE RESULTS

Lab ID: L2354250-03
Client ID: COMP_A1(7-14)
Sample Location: OSSINING, NY

Date Collected: 09/15/23 10:40
Date Received: 09/15/23
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 09/18/23 09:04
Analyst: ENT
Percent Solids: 94%

Extraction Method: EPA 3546
Extraction Date: 09/17/23 01:27
Cleanup Method: EPA 3665A
Cleanup Date: 09/17/23
Cleanup Method: EPA 3660B
Cleanup Date: 09/18/23

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	50.0	4.44	1	A
Aroclor 1221	ND		ug/kg	50.0	5.01	1	A
Aroclor 1232	ND		ug/kg	50.0	10.6	1	A
Aroclor 1242	ND		ug/kg	50.0	6.74	1	A
Aroclor 1248	ND		ug/kg	50.0	7.50	1	A
Aroclor 1254	ND		ug/kg	50.0	5.47	1	A
Aroclor 1260	ND		ug/kg	50.0	9.23	1	A
Aroclor 1262	ND		ug/kg	50.0	6.34	1	A
Aroclor 1268	ND		ug/kg	50.0	5.18	1	A
PCBs, Total	ND		ug/kg	50.0	4.44	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	72		30-150	A
Decachlorobiphenyl	71		30-150	A
2,4,5,6-Tetrachloro-m-xylene	74		30-150	B
Decachlorobiphenyl	76		30-150	B

Project Name: SUN VALLEY SITE
Project Number: 12060 / PHASE 8

Lab Number: L2354250
Report Date: 09/22/23

SAMPLE RESULTS

Lab ID: L2354250-05
Client ID: COMP_A1(14-20)
Sample Location: OSSINING, NY

Date Collected: 09/15/23 10:45
Date Received: 09/15/23
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 09/18/23 09:12
Analyst: ENT
Percent Solids: 93%

Extraction Method: EPA 3546
Extraction Date: 09/17/23 01:27
Cleanup Method: EPA 3665A
Cleanup Date: 09/17/23
Cleanup Method: EPA 3660B
Cleanup Date: 09/18/23

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	51.9	4.61	1	A
Aroclor 1221	ND		ug/kg	51.9	5.20	1	A
Aroclor 1232	ND		ug/kg	51.9	11.0	1	A
Aroclor 1242	ND		ug/kg	51.9	6.99	1	A
Aroclor 1248	ND		ug/kg	51.9	7.78	1	A
Aroclor 1254	ND		ug/kg	51.9	5.68	1	A
Aroclor 1260	ND		ug/kg	51.9	9.59	1	A
Aroclor 1262	ND		ug/kg	51.9	6.59	1	A
Aroclor 1268	ND		ug/kg	51.9	5.38	1	A
PCBs, Total	ND		ug/kg	51.9	4.61	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	78		30-150	A
Decachlorobiphenyl	81		30-150	A
2,4,5,6-Tetrachloro-m-xylene	83		30-150	B
Decachlorobiphenyl	88		30-150	B

Project Name: SUN VALLEY SITE
Project Number: 12060 / PHASE 8

Lab Number: L2354250
Report Date: 09/22/23

SAMPLE RESULTS

Lab ID: L2354250-07
Client ID: COMP_A2(0-7)
Sample Location: OSSINING, NY

Date Collected: 09/15/23 15:00
Date Received: 09/15/23
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 09/18/23 09:20
Analyst: ENT
Percent Solids: 92%

Extraction Method: EPA 3546
Extraction Date: 09/17/23 01:27
Cleanup Method: EPA 3665A
Cleanup Date: 09/17/23
Cleanup Method: EPA 3660B
Cleanup Date: 09/18/23

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	51.7	4.59	1	A
Aroclor 1221	ND		ug/kg	51.7	5.18	1	A
Aroclor 1232	ND		ug/kg	51.7	11.0	1	A
Aroclor 1242	ND		ug/kg	51.7	6.97	1	A
Aroclor 1248	ND		ug/kg	51.7	7.76	1	A
Aroclor 1254	ND		ug/kg	51.7	5.66	1	A
Aroclor 1260	ND		ug/kg	51.7	9.56	1	A
Aroclor 1262	ND		ug/kg	51.7	6.57	1	A
Aroclor 1268	ND		ug/kg	51.7	5.36	1	A
PCBs, Total	ND		ug/kg	51.7	4.59	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	78		30-150	A
Decachlorobiphenyl	82		30-150	A
2,4,5,6-Tetrachloro-m-xylene	82		30-150	B
Decachlorobiphenyl	85		30-150	B

Project Name: SUN VALLEY SITE
Project Number: 12060 / PHASE 8

Lab Number: L2354250
Report Date: 09/22/23

SAMPLE RESULTS

Lab ID: L2354250-09
Client ID: COMP_A2(7-19)
Sample Location: OSSINING, NY

Date Collected: 09/15/23 15:00
Date Received: 09/15/23
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 09/18/23 09:28
Analyst: ENT
Percent Solids: 91%

Extraction Method: EPA 3546
Extraction Date: 09/17/23 01:27
Cleanup Method: EPA 3665A
Cleanup Date: 09/17/23
Cleanup Method: EPA 3660B
Cleanup Date: 09/18/23

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	51.2	4.54	1	A
Aroclor 1221	ND		ug/kg	51.2	5.13	1	A
Aroclor 1232	ND		ug/kg	51.2	10.8	1	A
Aroclor 1242	ND		ug/kg	51.2	6.90	1	A
Aroclor 1248	ND		ug/kg	51.2	7.67	1	A
Aroclor 1254	ND		ug/kg	51.2	5.60	1	A
Aroclor 1260	ND		ug/kg	51.2	9.45	1	A
Aroclor 1262	ND		ug/kg	51.2	6.50	1	A
Aroclor 1268	ND		ug/kg	51.2	5.30	1	A
PCBs, Total	ND		ug/kg	51.2	4.54	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	81		30-150	A
Decachlorobiphenyl	82		30-150	A
2,4,5,6-Tetrachloro-m-xylene	85		30-150	B
Decachlorobiphenyl	85		30-150	B

Project Name: SUN VALLEY SITE
Project Number: 12060 / PHASE 8

Lab Number: L2354250
Report Date: 09/22/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8082A
Analytical Date: 09/18/23 08:08
Analyst: ENT

Extraction Method: EPA 3546
Extraction Date: 09/17/23 01:27
Cleanup Method: EPA 3665A
Cleanup Date: 09/17/23
Cleanup Method: EPA 3660B
Cleanup Date: 09/18/23

Parameter	Result	Qualifier	Units	RL	MDL	Column
Polychlorinated Biphenyls by GC - Westborough Lab for sample(s): 01,03,05,07,09 Batch: WG1828376-1						
Aroclor 1016	ND		ug/kg	49.3	4.38	A
Aroclor 1221	ND		ug/kg	49.3	4.94	A
Aroclor 1232	ND		ug/kg	49.3	10.4	A
Aroclor 1242	ND		ug/kg	49.3	6.65	A
Aroclor 1248	ND		ug/kg	49.3	7.40	A
Aroclor 1254	ND		ug/kg	49.3	5.39	A
Aroclor 1260	ND		ug/kg	49.3	9.11	A
Aroclor 1262	ND		ug/kg	49.3	6.26	A
Aroclor 1268	ND		ug/kg	49.3	5.11	A
PCBs, Total	ND		ug/kg	49.3	4.38	A

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	86		30-150	A
Decachlorobiphenyl	86		30-150	A
2,4,5,6-Tetrachloro-m-xylene	85		30-150	B
Decachlorobiphenyl	86		30-150	B

Lab Control Sample Analysis

Batch Quality Control

Project Name: SUN VALLEY SITE

Project Number: 12060 / PHASE 8

Lab Number: L2354250

Report Date: 09/22/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Polychlorinated Biphenyls by GC - Westborough Lab Associated sample(s): 01,03,05,07,09 Batch: WG1828376-2 WG1828376-3									
Aroclor 1016	80		74		40-140	8		50	A
Aroclor 1260	74		72		40-140	3		50	A

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	81		80		30-150	A
Decachlorobiphenyl	80		79		30-150	A
2,4,5,6-Tetrachloro-m-xylene	84		80		30-150	B
Decachlorobiphenyl	87		84		30-150	B

PESTICIDES

Project Name: SUN VALLEY SITE
Project Number: 12060 / PHASE 8

Lab Number: L2354250
Report Date: 09/22/23

SAMPLE RESULTS

Lab ID: L2354250-01
Client ID: COMP_A1(0-7)
Sample Location: OSSINING, NY

Date Collected: 09/15/23 09:40
Date Received: 09/15/23
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 09/19/23 19:29
Analyst: EJL
Percent Solids: 95%

Extraction Method: EPA 3546
Extraction Date: 09/17/23 02:54
Cleanup Method: EPA 3620B
Cleanup Date: 09/18/23
Cleanup Method: EPA 3660B
Cleanup Date: 09/18/23

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.67	0.328	1	A
Lindane	ND		ug/kg	0.698	0.312	1	A
Alpha-BHC	ND		ug/kg	0.698	0.198	1	A
Beta-BHC	ND		ug/kg	1.67	0.635	1	A
Heptachlor	ND		ug/kg	0.837	0.375	1	A
Aldrin	ND		ug/kg	1.67	0.590	1	A
Heptachlor epoxide	ND		ug/kg	3.14	0.942	1	A
Endrin	ND		ug/kg	0.698	0.286	1	A
Endrin aldehyde	ND		ug/kg	2.09	0.733	1	A
Endrin ketone	ND		ug/kg	1.67	0.431	1	A
Dieldrin	ND		ug/kg	1.05	0.523	1	A
4,4'-DDE	ND		ug/kg	1.67	0.387	1	A
4,4'-DDD	ND		ug/kg	1.67	0.597	1	A
4,4'-DDT	ND		ug/kg	1.67	1.35	1	A
Endosulfan I	ND		ug/kg	1.67	0.396	1	A
Endosulfan II	ND		ug/kg	1.67	0.560	1	A
Endosulfan sulfate	ND		ug/kg	0.698	0.332	1	A
Methoxychlor	ND		ug/kg	3.14	0.977	1	A
Toxaphene	ND		ug/kg	31.4	8.79	1	A
cis-Chlordane	ND		ug/kg	2.09	0.583	1	A
trans-Chlordane	ND		ug/kg	2.09	0.553	1	A
Chlordane	ND		ug/kg	14.0	5.55	1	A

Project Name: SUN VALLEY SITE
Project Number: 12060 / PHASE 8

Lab Number: L2354250
Report Date: 09/22/23

SAMPLE RESULTS

Lab ID: L2354250-01
Client ID: COMP_A1(0-7)
Sample Location: OSSINING, NY

Date Collected: 09/15/23 09:40
Date Received: 09/15/23
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
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Organochlorine Pesticides by GC - Westborough Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	83		30-150	A
Decachlorobiphenyl	111		30-150	A
2,4,5,6-Tetrachloro-m-xylene	86		30-150	B
Decachlorobiphenyl	113		30-150	B

Project Name: SUN VALLEY SITE
Project Number: 12060 / PHASE 8

Lab Number: L2354250
Report Date: 09/22/23

SAMPLE RESULTS

Lab ID: L2354250-01
Client ID: COMP_A1(0-7)
Sample Location: OSSINING, NY

Date Collected: 09/15/23 09:40
Date Received: 09/15/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8151A
Analytical Date: 09/19/23 13:42
Analyst: MMG
Percent Solids: 95%
Methylation Date: 09/18/23 18:16

Extraction Method: EPA 8151A
Extraction Date: 09/16/23 17:28

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Chlorinated Herbicides by GC - Westborough Lab							
2,4-D	ND		ug/kg	172	10.9	1	A
2,4,5-T	ND		ug/kg	172	5.34	1	A
2,4,5-TP (Silvex)	ND		ug/kg	172	4.59	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
DCAA	76		30-150	A
DCAA	78		30-150	B

Project Name: SUN VALLEY SITE
Project Number: 12060 / PHASE 8

Lab Number: L2354250
Report Date: 09/22/23

SAMPLE RESULTS

Lab ID: L2354250-03
Client ID: COMP_A1(7-14)
Sample Location: OSSINING, NY

Date Collected: 09/15/23 10:40
Date Received: 09/15/23
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 09/19/23 19:41
Analyst: EJL
Percent Solids: 94%

Extraction Method: EPA 3546
Extraction Date: 09/17/23 02:54
Cleanup Method: EPA 3620B
Cleanup Date: 09/18/23
Cleanup Method: EPA 3660B
Cleanup Date: 09/18/23

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.63	0.320	1	A
Lindane	ND		ug/kg	0.680	0.304	1	A
Alpha-BHC	ND		ug/kg	0.680	0.193	1	A
Beta-BHC	ND		ug/kg	1.63	0.619	1	A
Heptachlor	ND		ug/kg	0.816	0.366	1	A
Aldrin	ND		ug/kg	1.63	0.575	1	A
Heptachlor epoxide	ND		ug/kg	3.06	0.918	1	A
Endrin	ND		ug/kg	0.680	0.279	1	A
Endrin aldehyde	ND		ug/kg	2.04	0.714	1	A
Endrin ketone	ND		ug/kg	1.63	0.420	1	A
Dieldrin	ND		ug/kg	1.02	0.510	1	A
4,4'-DDE	ND		ug/kg	1.63	0.378	1	A
4,4'-DDD	ND		ug/kg	1.63	0.582	1	A
4,4'-DDT	ND		ug/kg	1.63	1.31	1	A
Endosulfan I	ND		ug/kg	1.63	0.386	1	A
Endosulfan II	ND		ug/kg	1.63	0.546	1	A
Endosulfan sulfate	ND		ug/kg	0.680	0.324	1	A
Methoxychlor	ND		ug/kg	3.06	0.952	1	A
Toxaphene	ND		ug/kg	30.6	8.57	1	A
cis-Chlordane	ND		ug/kg	2.04	0.569	1	A
trans-Chlordane	ND		ug/kg	2.04	0.539	1	A
Chlordane	ND		ug/kg	13.6	5.41	1	A

Project Name: SUN VALLEY SITE
Project Number: 12060 / PHASE 8

Lab Number: L2354250
Report Date: 09/22/23

SAMPLE RESULTS

Lab ID: L2354250-03
Client ID: COMP_A1(7-14)
Sample Location: OSSINING, NY

Date Collected: 09/15/23 10:40
Date Received: 09/15/23
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	82		30-150	A
Decachlorobiphenyl	110		30-150	A
2,4,5,6-Tetrachloro-m-xylene	86		30-150	B
Decachlorobiphenyl	114		30-150	B

Project Name: SUN VALLEY SITE
Project Number: 12060 / PHASE 8

Lab Number: L2354250
Report Date: 09/22/23

SAMPLE RESULTS

Lab ID: L2354250-03
Client ID: COMP_A1(7-14)
Sample Location: OSSINING, NY

Date Collected: 09/15/23 10:40
Date Received: 09/15/23
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8151A
Analytical Date: 09/19/23 14:00
Analyst: MMG
Percent Solids: 94%
Methylation Date: 09/18/23 18:16

Extraction Method: EPA 8151A
Extraction Date: 09/16/23 17:28

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
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Chlorinated Herbicides by GC - Westborough Lab

2,4-D	ND		ug/kg	174	11.0	1	A
2,4,5-T	ND		ug/kg	174	5.40	1	A
2,4,5-TP (Silvex)	ND		ug/kg	174	4.63	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
DCAA	76		30-150	A
DCAA	77		30-150	B

Project Name: SUN VALLEY SITE
Project Number: 12060 / PHASE 8

Lab Number: L2354250
Report Date: 09/22/23

SAMPLE RESULTS

Lab ID: L2354250-05
Client ID: COMP_A1(14-20)
Sample Location: OSSINING, NY

Date Collected: 09/15/23 10:45
Date Received: 09/15/23
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 09/19/23 19:52
Analyst: EJL
Percent Solids: 93%

Extraction Method: EPA 3546
Extraction Date: 09/17/23 02:54
Cleanup Method: EPA 3620B
Cleanup Date: 09/18/23
Cleanup Method: EPA 3660B
Cleanup Date: 09/18/23

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.68	0.329	1	A
Lindane	ND		ug/kg	0.700	0.313	1	A
Alpha-BHC	ND		ug/kg	0.700	0.199	1	A
Beta-BHC	ND		ug/kg	1.68	0.637	1	A
Heptachlor	ND		ug/kg	0.840	0.376	1	A
Aldrin	ND		ug/kg	1.68	0.591	1	A
Heptachlor epoxide	ND		ug/kg	3.15	0.945	1	A
Endrin	ND		ug/kg	0.700	0.287	1	A
Endrin aldehyde	ND		ug/kg	2.10	0.735	1	A
Endrin ketone	ND		ug/kg	1.68	0.432	1	A
Dieldrin	ND		ug/kg	1.05	0.525	1	A
4,4'-DDE	ND		ug/kg	1.68	0.388	1	A
4,4'-DDD	ND		ug/kg	1.68	0.599	1	A
4,4'-DDT	ND		ug/kg	1.68	1.35	1	A
Endosulfan I	ND		ug/kg	1.68	0.397	1	A
Endosulfan II	ND		ug/kg	1.68	0.561	1	A
Endosulfan sulfate	ND		ug/kg	0.700	0.333	1	A
Methoxychlor	ND		ug/kg	3.15	0.980	1	A
Toxaphene	ND		ug/kg	31.5	8.82	1	A
cis-Chlordane	ND		ug/kg	2.10	0.585	1	A
trans-Chlordane	ND		ug/kg	2.10	0.554	1	A
Chlordane	ND		ug/kg	14.0	5.56	1	A

Project Name: SUN VALLEY SITE**Lab Number:** L2354250**Project Number:** 12060 / PHASE 8**Report Date:** 09/22/23**SAMPLE RESULTS**

Lab ID: L2354250-05

Date Collected: 09/15/23 10:45

Client ID: COMP_A1(14-20)

Date Received: 09/15/23

Sample Location: OSSINING, NY

Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	83		30-150	A
Decachlorobiphenyl	109		30-150	A
2,4,5,6-Tetrachloro-m-xylene	87		30-150	B
Decachlorobiphenyl	109		30-150	B

Project Name: SUN VALLEY SITE
Project Number: 12060 / PHASE 8

Lab Number: L2354250
Report Date: 09/22/23

SAMPLE RESULTS

Lab ID: L2354250-05
Client ID: COMP_A1(14-20)
Sample Location: OSSINING, NY

Date Collected: 09/15/23 10:45
Date Received: 09/15/23
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8151A
Analytical Date: 09/19/23 14:18
Analyst: MMG
Percent Solids: 93%
Methylation Date: 09/18/23 18:16

Extraction Method: EPA 8151A
Extraction Date: 09/16/23 17:28

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
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Chlorinated Herbicides by GC - Westborough Lab

2,4-D	ND		ug/kg	176	11.1	1	A
2,4,5-T	ND		ug/kg	176	5.45	1	A
2,4,5-TP (Silvex)	ND		ug/kg	176	4.67	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
DCAA	63		30-150	A
DCAA	65		30-150	B

Project Name: SUN VALLEY SITE
Project Number: 12060 / PHASE 8

Lab Number: L2354250
Report Date: 09/22/23

SAMPLE RESULTS

Lab ID: L2354250-07
Client ID: COMP_A2(0-7)
Sample Location: OSSINING, NY

Date Collected: 09/15/23 15:00
Date Received: 09/15/23
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 09/19/23 20:04
Analyst: EJL
Percent Solids: 92%

Extraction Method: EPA 3546
Extraction Date: 09/17/23 02:54
Cleanup Method: EPA 3620B
Cleanup Date: 09/18/23
Cleanup Method: EPA 3660B
Cleanup Date: 09/18/23

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.72	0.337	1	A
Lindane	ND		ug/kg	0.716	0.320	1	A
Alpha-BHC	ND		ug/kg	0.716	0.203	1	A
Beta-BHC	ND		ug/kg	1.72	0.652	1	A
Heptachlor	ND		ug/kg	0.860	0.385	1	A
Aldrin	ND		ug/kg	1.72	0.605	1	A
Heptachlor epoxide	ND		ug/kg	3.22	0.967	1	A
Endrin	ND		ug/kg	0.716	0.294	1	A
Endrin aldehyde	ND		ug/kg	2.15	0.752	1	A
Endrin ketone	ND		ug/kg	1.72	0.443	1	A
Dieldrin	ND		ug/kg	1.07	0.537	1	A
4,4'-DDE	ND		ug/kg	1.72	0.398	1	A
4,4'-DDD	ND		ug/kg	1.72	0.613	1	A
4,4'-DDT	ND		ug/kg	1.72	1.38	1	A
Endosulfan I	ND		ug/kg	1.72	0.406	1	A
Endosulfan II	ND		ug/kg	1.72	0.574	1	A
Endosulfan sulfate	ND		ug/kg	0.716	0.341	1	A
Methoxychlor	ND		ug/kg	3.22	1.00	1	A
Toxaphene	ND		ug/kg	32.2	9.02	1	A
cis-Chlordane	ND		ug/kg	2.15	0.599	1	A
trans-Chlordane	ND		ug/kg	2.15	0.567	1	A
Chlordane	ND		ug/kg	14.3	5.69	1	A

Project Name: SUN VALLEY SITE**Lab Number:** L2354250**Project Number:** 12060 / PHASE 8**Report Date:** 09/22/23**SAMPLE RESULTS**

Lab ID: L2354250-07

Date Collected: 09/15/23 15:00

Client ID: COMP_A2(0-7)

Date Received: 09/15/23

Sample Location: OSSINING, NY

Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	75		30-150	A
Decachlorobiphenyl	101		30-150	A
2,4,5,6-Tetrachloro-m-xylene	77		30-150	B
Decachlorobiphenyl	105		30-150	B

Project Name: SUN VALLEY SITE
Project Number: 12060 / PHASE 8

Lab Number: L2354250
Report Date: 09/22/23

SAMPLE RESULTS

Lab ID: L2354250-07
 Client ID: COMP_A2(0-7)
 Sample Location: OSSINING, NY

Date Collected: 09/15/23 15:00
 Date Received: 09/15/23
 Field Prep: Not Specified

Sample Depth:
 Matrix: Soil
 Analytical Method: 1,8151A
 Analytical Date: 09/19/23 14:37
 Analyst: MMG
 Percent Solids: 92%
 Methylation Date: 09/18/23 18:16

Extraction Method: EPA 8151A
 Extraction Date: 09/16/23 17:28

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
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Chlorinated Herbicides by GC - Westborough Lab

2,4-D	ND		ug/kg	177	11.1	1	A
2,4,5-T	ND		ug/kg	177	5.48	1	A
2,4,5-TP (Silvex)	ND		ug/kg	177	4.70	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
DCAA	78		30-150	A
DCAA	76		30-150	B

Project Name: SUN VALLEY SITE
Project Number: 12060 / PHASE 8

Lab Number: L2354250
Report Date: 09/22/23

SAMPLE RESULTS

Lab ID: L2354250-09
Client ID: COMP_A2(7-19)
Sample Location: OSSINING, NY

Date Collected: 09/15/23 15:00
Date Received: 09/15/23
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 09/19/23 20:15
Analyst: EJJ
Percent Solids: 91%

Extraction Method: EPA 3546
Extraction Date: 09/17/23 02:54
Cleanup Method: EPA 3620B
Cleanup Date: 09/18/23
Cleanup Method: EPA 3660B
Cleanup Date: 09/18/23

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.74	0.340	1	A
Lindane	ND		ug/kg	0.723	0.323	1	A
Alpha-BHC	ND		ug/kg	0.723	0.205	1	A
Beta-BHC	ND		ug/kg	1.74	0.658	1	A
Heptachlor	ND		ug/kg	0.868	0.389	1	A
Aldrin	ND		ug/kg	1.74	0.611	1	A
Heptachlor epoxide	ND		ug/kg	3.25	0.976	1	A
Endrin	ND		ug/kg	0.723	0.296	1	A
Endrin aldehyde	ND		ug/kg	2.17	0.759	1	A
Endrin ketone	ND		ug/kg	1.74	0.447	1	A
Dieldrin	ND		ug/kg	1.08	0.542	1	A
4,4'-DDE	ND		ug/kg	1.74	0.401	1	A
4,4'-DDD	ND		ug/kg	1.74	0.619	1	A
4,4'-DDT	ND		ug/kg	1.74	1.40	1	A
Endosulfan I	ND		ug/kg	1.74	0.410	1	A
Endosulfan II	ND		ug/kg	1.74	0.580	1	A
Endosulfan sulfate	ND		ug/kg	0.723	0.344	1	A
Methoxychlor	ND		ug/kg	3.25	1.01	1	A
Toxaphene	ND		ug/kg	32.5	9.11	1	A
cis-Chlordane	ND		ug/kg	2.17	0.604	1	A
trans-Chlordane	ND		ug/kg	2.17	0.572	1	A
Chlordane	ND		ug/kg	14.4	5.75	1	A

Project Name: SUN VALLEY SITE
Project Number: 12060 / PHASE 8

Lab Number: L2354250
Report Date: 09/22/23

SAMPLE RESULTS

Lab ID: L2354250-09
Client ID: COMP_A2(7-19)
Sample Location: OSSINING, NY

Date Collected: 09/15/23 15:00
Date Received: 09/15/23
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	94		30-150	A
Decachlorobiphenyl	122		30-150	A
2,4,5,6-Tetrachloro-m-xylene	97		30-150	B
Decachlorobiphenyl	120		30-150	B

Project Name: SUN VALLEY SITE
Project Number: 12060 / PHASE 8

Lab Number: L2354250
Report Date: 09/22/23

SAMPLE RESULTS

Lab ID: L2354250-09
Client ID: COMP_A2(7-19)
Sample Location: OSSINING, NY

Date Collected: 09/15/23 15:00
Date Received: 09/15/23
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8151A
Analytical Date: 09/19/23 14:55
Analyst: MMG
Percent Solids: 91%
Methylation Date: 09/18/23 18:16

Extraction Method: EPA 8151A
Extraction Date: 09/16/23 17:28

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
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Chlorinated Herbicides by GC - Westborough Lab

2,4-D	ND		ug/kg	179	11.3	1	A
2,4,5-T	ND		ug/kg	179	5.54	1	A
2,4,5-TP (Silvex)	ND		ug/kg	179	4.76	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
DCAA	77		30-150	A
DCAA	77		30-150	B

Project Name: SUN VALLEY SITE
Project Number: 12060 / PHASE 8

Lab Number: L2354250
Report Date: 09/22/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8151A
Analytical Date: 09/19/23 09:06
Analyst: MMG

Extraction Method: EPA 8151A
Extraction Date: 09/16/23 17:28

Methylation Date: 09/18/23 18:16

Parameter	Result	Qualifier	Units	RL	MDL	Column
Chlorinated Herbicides by GC - Westborough Lab for sample(s): 01,03,05,07,09 Batch: WG1828345-1						
2,4-D	ND		ug/kg	162	10.2	A
2,4,5-T	ND		ug/kg	162	5.02	A
2,4,5-TP (Silvex)	ND		ug/kg	162	4.31	A

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
DCAA	72		30-150	A
DCAA	81		30-150	B

Project Name: SUN VALLEY SITE
Project Number: 12060 / PHASE 8

Lab Number: L2354250
Report Date: 09/22/23

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8081B
Analytical Date: 09/19/23 08:33
Analyst: EJJ

Extraction Method: EPA 3546
Extraction Date: 09/17/23 02:54
Cleanup Method: EPA 3620B
Cleanup Date: 09/18/23
Cleanup Method: EPA 3660B
Cleanup Date: 09/18/23

Parameter	Result	Qualifier	Units	RL	MDL	Column
Organochlorine Pesticides by GC - Westborough Lab for sample(s): 01,03,05,07,09 Batch: WG1828378-1						
Delta-BHC	ND		ug/kg	1.51	0.296	A
Lindane	ND		ug/kg	0.630	0.281	A
Alpha-BHC	ND		ug/kg	0.630	0.179	A
Beta-BHC	ND		ug/kg	1.51	0.573	A
Heptachlor	ND		ug/kg	0.756	0.339	A
Aldrin	ND		ug/kg	1.51	0.532	A
Heptachlor epoxide	ND		ug/kg	2.83	0.850	A
Endrin	ND		ug/kg	0.630	0.258	A
Endrin aldehyde	ND		ug/kg	1.89	0.661	A
Endrin ketone	ND		ug/kg	1.51	0.389	A
Dieldrin	ND		ug/kg	0.944	0.472	A
4,4'-DDE	ND		ug/kg	1.51	0.349	A
4,4'-DDD	ND		ug/kg	1.51	0.539	A
4,4'-DDT	ND		ug/kg	1.51	1.22	A
Endosulfan I	ND		ug/kg	1.51	0.357	A
Endosulfan II	ND		ug/kg	1.51	0.505	A
Endosulfan sulfate	ND		ug/kg	0.630	0.300	A
Methoxychlor	ND		ug/kg	2.83	0.882	A
Toxaphene	ND		ug/kg	28.3	7.93	A
cis-Chlordane	ND		ug/kg	1.89	0.526	A
trans-Chlordane	ND		ug/kg	1.89	0.499	A
Chlordane	ND		ug/kg	12.6	5.01	A

Project Name: SUN VALLEY SITE
Project Number: 12060 / PHASE 8

Lab Number: L2354250
Report Date: 09/22/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8081B
 Analytical Date: 09/19/23 08:33
 Analyst: EJL

Extraction Method: EPA 3546
 Extraction Date: 09/17/23 02:54
 Cleanup Method: EPA 3620B
 Cleanup Date: 09/18/23
 Cleanup Method: EPA 3660B
 Cleanup Date: 09/18/23

Parameter	Result	Qualifier	Units	RL	MDL	Column
Organochlorine Pesticides by GC - Westborough Lab for sample(s): 01,03,05,07,09 Batch: WG1828378-1						

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	86		30-150	A
Decachlorobiphenyl	118		30-150	A
2,4,5,6-Tetrachloro-m-xylene	89		30-150	B
Decachlorobiphenyl	119		30-150	B

Lab Control Sample Analysis Batch Quality Control

Project Name: SUN VALLEY SITE

Project Number: 12060 / PHASE 8

Lab Number: L2354250

Report Date: 09/22/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Chlorinated Herbicides by GC - Westborough Lab Associated sample(s): 01,03,05,07,09 Batch: WG1828345-2 WG1828345-3									
2,4-D	91		78		30-150	15		30	A
2,4,5-T	85		80		30-150	6		30	A
2,4,5-TP (Silvex)	83		79		30-150	5		30	A

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
DCAA	74		72		30-150	A
DCAA	84		80		30-150	B

Lab Control Sample Analysis

Batch Quality Control

Project Name: SUN VALLEY SITE

Project Number: 12060 / PHASE 8

Lab Number: L2354250

Report Date: 09/22/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 01,03,05,07,09 Batch: WG1828378-2 WG1828378-3									
Delta-BHC	104		93		30-150	11		30	A
Lindane	87		83		30-150	5		30	A
Alpha-BHC	92		87		30-150	6		30	A
Beta-BHC	103		90		30-150	13		30	A
Heptachlor	88		83		30-150	6		30	A
Aldrin	88		84		30-150	5		30	A
Heptachlor epoxide	87		83		30-150	5		30	A
Endrin	91		88		30-150	3		30	A
Endrin aldehyde	76		74		30-150	3		30	A
Endrin ketone	96		94		30-150	2		30	A
Dieldrin	97		94		30-150	3		30	A
4,4'-DDE	90		87		30-150	3		30	A
4,4'-DDD	98		97		30-150	1		30	A
4,4'-DDT	96		95		30-150	1		30	A
Endosulfan I	88		85		30-150	3		30	A
Endosulfan II	93		92		30-150	1		30	A
Endosulfan sulfate	90		86		30-150	5		30	A
Methoxychlor	86		85		30-150	1		30	A
cis-Chlordane	98		94		30-150	4		30	A
trans-Chlordane	100		98		30-150	2		30	A

Lab Control Sample Analysis

Batch Quality Control

Project Name: SUN VALLEY SITE

Project Number: 12060 / PHASE 8

Lab Number: L2354250

Report Date: 09/22/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
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Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 01,03,05,07,09 Batch: WG1828378-2 WG1828378-3

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	80		73		30-150	A
Decachlorobiphenyl	111		106		30-150	A
2,4,5,6-Tetrachloro-m-xylene	84		77		30-150	B
Decachlorobiphenyl	115		111		30-150	B

METALS

Project Name: SUN VALLEY SITE**Lab Number:** L2354250**Project Number:** 12060 / PHASE 8**Report Date:** 09/22/23**SAMPLE RESULTS**

Lab ID: L2354250-01

Date Collected: 09/15/23 09:40

Client ID: COMP_A1(0-7)

Date Received: 09/15/23

Sample Location: OSSINING, NY

Field Prep: Not Specified

Sample Depth:

TCLP/SPLP Ext. Date: 09/16/23 17:56

Matrix: Soil

Percent Solids: 95%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
TCLP Metals by EPA 1311 - Mansfield Lab											
Arsenic, TCLP	ND		mg/l	1.00	0.0190	1	09/19/23 02:57	09/19/23 08:49	EPA 3015	1,6010D	DHL
Barium, TCLP	0.862		mg/l	0.500	0.0210	1	09/19/23 02:57	09/19/23 08:49	EPA 3015	1,6010D	DHL
Cadmium, TCLP	ND		mg/l	0.100	0.0100	1	09/19/23 02:57	09/19/23 08:49	EPA 3015	1,6010D	DHL
Chromium, TCLP	0.0254	J	mg/l	0.200	0.0210	1	09/19/23 02:57	09/19/23 08:49	EPA 3015	1,6010D	DHL
Lead, TCLP	ND		mg/l	0.500	0.0270	1	09/19/23 02:57	09/19/23 08:49	EPA 3015	1,6010D	DHL
Mercury, TCLP	ND		mg/l	0.0010	0.0005	1	09/19/23 02:50	09/21/23 14:57	EPA 7470A	1,7470A	GMG
Selenium, TCLP	ND		mg/l	0.500	0.0350	1	09/19/23 02:57	09/19/23 08:49	EPA 3015	1,6010D	DHL
Silver, TCLP	ND		mg/l	0.100	0.0280	1	09/19/23 02:57	09/19/23 08:49	EPA 3015	1,6010D	DHL



Project Name: SUN VALLEY SITE**Lab Number:** L2354250**Project Number:** 12060 / PHASE 8**Report Date:** 09/22/23**SAMPLE RESULTS**

Lab ID: L2354250-01

Date Collected: 09/15/23 09:40

Client ID: COMP_A1(0-7)

Date Received: 09/15/23

Sample Location: OSSINING, NY

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 95%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	12500		mg/kg	8.24	2.22	2	09/19/23 07:25	09/19/23 10:55	EPA 3050B	1,6010D	DHL
Antimony, Total	ND		mg/kg	4.12	0.313	2	09/19/23 07:25	09/19/23 10:55	EPA 3050B	1,6010D	DHL
Arsenic, Total	1.70		mg/kg	0.824	0.171	2	09/19/23 07:25	09/19/23 10:55	EPA 3050B	1,6010D	DHL
Barium, Total	162		mg/kg	0.824	0.143	2	09/19/23 07:25	09/19/23 10:55	EPA 3050B	1,6010D	DHL
Beryllium, Total	0.336	J	mg/kg	0.412	0.027	2	09/19/23 07:25	09/19/23 10:55	EPA 3050B	1,6010D	DHL
Cadmium, Total	ND		mg/kg	0.824	0.081	2	09/19/23 07:25	09/19/23 10:55	EPA 3050B	1,6010D	DHL
Calcium, Total	6600		mg/kg	8.24	2.88	2	09/19/23 07:25	09/19/23 10:55	EPA 3050B	1,6010D	DHL
Chromium, Total	32.3		mg/kg	0.824	0.079	2	09/19/23 07:25	09/19/23 10:55	EPA 3050B	1,6010D	DHL
Cobalt, Total	8.69		mg/kg	1.65	0.137	2	09/19/23 07:25	09/19/23 10:55	EPA 3050B	1,6010D	DHL
Copper, Total	19.4		mg/kg	0.824	0.212	2	09/19/23 07:25	09/19/23 10:55	EPA 3050B	1,6010D	DHL
Iron, Total	22500		mg/kg	4.12	0.744	2	09/19/23 07:25	09/19/23 10:55	EPA 3050B	1,6010D	DHL
Lead, Total	6.79		mg/kg	4.12	0.221	2	09/19/23 07:25	09/19/23 10:55	EPA 3050B	1,6010D	DHL
Magnesium, Total	8230		mg/kg	8.24	1.27	2	09/19/23 07:25	09/19/23 10:55	EPA 3050B	1,6010D	DHL
Manganese, Total	281		mg/kg	0.824	0.131	2	09/19/23 07:25	09/19/23 10:55	EPA 3050B	1,6010D	DHL
Mercury, Total	ND		mg/kg	0.068	0.044	1	09/19/23 07:50	09/19/23 10:26	EPA 7471B	1,7471B	GMG
Nickel, Total	18.0		mg/kg	2.06	0.199	2	09/19/23 07:25	09/19/23 10:55	EPA 3050B	1,6010D	DHL
Potassium, Total	6690		mg/kg	206	11.9	2	09/19/23 07:25	09/19/23 10:55	EPA 3050B	1,6010D	DHL
Selenium, Total	ND		mg/kg	1.65	0.212	2	09/19/23 07:25	09/19/23 10:55	EPA 3050B	1,6010D	DHL
Silver, Total	ND		mg/kg	0.412	0.233	2	09/19/23 07:25	09/19/23 10:55	EPA 3050B	1,6010D	DHL
Sodium, Total	229		mg/kg	165	2.60	2	09/19/23 07:25	09/19/23 10:55	EPA 3050B	1,6010D	DHL
Thallium, Total	6.05		mg/kg	1.65	0.260	2	09/19/23 07:25	09/19/23 10:55	EPA 3050B	1,6010D	DHL
Vanadium, Total	34.1		mg/kg	0.824	0.167	2	09/19/23 07:25	09/19/23 10:55	EPA 3050B	1,6010D	DHL
Zinc, Total	50.7		mg/kg	4.12	0.241	2	09/19/23 07:25	09/19/23 10:55	EPA 3050B	1,6010D	DHL



Project Name: SUN VALLEY SITE**Lab Number:** L2354250**Project Number:** 12060 / PHASE 8**Report Date:** 09/22/23**SAMPLE RESULTS**

Lab ID: L2354250-03

Date Collected: 09/15/23 10:40

Client ID: COMP_A1(7-14)

Date Received: 09/15/23

Sample Location: OSSINING, NY

Field Prep: Not Specified

Sample Depth:

TCLP/SPLP Ext. Date: 09/16/23 17:56

Matrix: Soil

Percent Solids: 94%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
TCLP Metals by EPA 1311 - Mansfield Lab											
Arsenic, TCLP	ND		mg/l	1.00	0.0190	1	09/19/23 02:57	09/19/23 08:52	EPA 3015	1,6010D	DHL
Barium, TCLP	0.864		mg/l	0.500	0.0210	1	09/19/23 02:57	09/19/23 08:52	EPA 3015	1,6010D	DHL
Cadmium, TCLP	ND		mg/l	0.100	0.0100	1	09/19/23 02:57	09/19/23 08:52	EPA 3015	1,6010D	DHL
Chromium, TCLP	ND		mg/l	0.200	0.0210	1	09/19/23 02:57	09/19/23 08:52	EPA 3015	1,6010D	DHL
Lead, TCLP	ND		mg/l	0.500	0.0270	1	09/19/23 02:57	09/19/23 08:52	EPA 3015	1,6010D	DHL
Mercury, TCLP	ND		mg/l	0.0010	0.0005	1	09/19/23 02:50	09/21/23 15:07	EPA 7470A	1,7470A	GMG
Selenium, TCLP	ND		mg/l	0.500	0.0350	1	09/19/23 02:57	09/19/23 08:52	EPA 3015	1,6010D	DHL
Silver, TCLP	ND		mg/l	0.100	0.0280	1	09/19/23 02:57	09/19/23 08:52	EPA 3015	1,6010D	DHL



Project Name: SUN VALLEY SITE

Lab Number: L2354250

Project Number: 12060 / PHASE 8

Report Date: 09/22/23

SAMPLE RESULTS

Lab ID: L2354250-03

Date Collected: 09/15/23 10:40

Client ID: COMP_A1(7-14)

Date Received: 09/15/23

Sample Location: OSSINING, NY

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 94%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	11700		mg/kg	8.26	2.23	2	09/19/23 07:25	09/19/23 10:59	EPA 3050B	1,6010D	DHL
Antimony, Total	ND		mg/kg	4.13	0.314	2	09/19/23 07:25	09/19/23 10:59	EPA 3050B	1,6010D	DHL
Arsenic, Total	1.44		mg/kg	0.826	0.172	2	09/19/23 07:25	09/19/23 10:59	EPA 3050B	1,6010D	DHL
Barium, Total	151		mg/kg	0.826	0.144	2	09/19/23 07:25	09/19/23 10:59	EPA 3050B	1,6010D	DHL
Beryllium, Total	0.324	J	mg/kg	0.413	0.027	2	09/19/23 07:25	09/19/23 10:59	EPA 3050B	1,6010D	DHL
Cadmium, Total	ND		mg/kg	0.826	0.081	2	09/19/23 07:25	09/19/23 10:59	EPA 3050B	1,6010D	DHL
Calcium, Total	7960		mg/kg	8.26	2.89	2	09/19/23 07:25	09/19/23 10:59	EPA 3050B	1,6010D	DHL
Chromium, Total	21.4		mg/kg	0.826	0.079	2	09/19/23 07:25	09/19/23 10:59	EPA 3050B	1,6010D	DHL
Cobalt, Total	8.51		mg/kg	1.65	0.137	2	09/19/23 07:25	09/19/23 10:59	EPA 3050B	1,6010D	DHL
Copper, Total	22.6		mg/kg	0.826	0.213	2	09/19/23 07:25	09/19/23 10:59	EPA 3050B	1,6010D	DHL
Iron, Total	22500		mg/kg	4.13	0.746	2	09/19/23 07:25	09/19/23 10:59	EPA 3050B	1,6010D	DHL
Lead, Total	5.20		mg/kg	4.13	0.221	2	09/19/23 07:25	09/19/23 10:59	EPA 3050B	1,6010D	DHL
Magnesium, Total	7760		mg/kg	8.26	1.27	2	09/19/23 07:25	09/19/23 10:59	EPA 3050B	1,6010D	DHL
Manganese, Total	239		mg/kg	0.826	0.131	2	09/19/23 07:25	09/19/23 10:59	EPA 3050B	1,6010D	DHL
Mercury, Total	ND		mg/kg	0.067	0.044	1	09/19/23 07:50	09/19/23 10:29	EPA 7471B	1,7471B	GMG
Nickel, Total	16.8		mg/kg	2.06	0.200	2	09/19/23 07:25	09/19/23 10:59	EPA 3050B	1,6010D	DHL
Potassium, Total	6360		mg/kg	206	11.9	2	09/19/23 07:25	09/19/23 10:59	EPA 3050B	1,6010D	DHL
Selenium, Total	0.274	J	mg/kg	1.65	0.213	2	09/19/23 07:25	09/19/23 10:59	EPA 3050B	1,6010D	DHL
Silver, Total	ND		mg/kg	0.413	0.234	2	09/19/23 07:25	09/19/23 10:59	EPA 3050B	1,6010D	DHL
Sodium, Total	201		mg/kg	165	2.60	2	09/19/23 07:25	09/19/23 10:59	EPA 3050B	1,6010D	DHL
Thallium, Total	5.56		mg/kg	1.65	0.260	2	09/19/23 07:25	09/19/23 10:59	EPA 3050B	1,6010D	DHL
Vanadium, Total	30.3		mg/kg	0.826	0.168	2	09/19/23 07:25	09/19/23 10:59	EPA 3050B	1,6010D	DHL
Zinc, Total	45.5		mg/kg	4.13	0.242	2	09/19/23 07:25	09/19/23 10:59	EPA 3050B	1,6010D	DHL



Project Name: SUN VALLEY SITE**Lab Number:** L2354250**Project Number:** 12060 / PHASE 8**Report Date:** 09/22/23**SAMPLE RESULTS**

Lab ID: L2354250-05

Date Collected: 09/15/23 10:45

Client ID: COMP_A1(14-20)

Date Received: 09/15/23

Sample Location: OSSINING, NY

Field Prep: Not Specified

Sample Depth:

TCLP/SPLP Ext. Date: 09/16/23 17:56

Matrix: Soil

Percent Solids: 93%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
TCLP Metals by EPA 1311 - Mansfield Lab											
Arsenic, TCLP	ND		mg/l	1.00	0.0190	1	09/19/23 02:57	09/19/23 08:55	EPA 3015	1,6010D	DHL
Barium, TCLP	0.747		mg/l	0.500	0.0210	1	09/19/23 02:57	09/19/23 08:55	EPA 3015	1,6010D	DHL
Cadmium, TCLP	ND		mg/l	0.100	0.0100	1	09/19/23 02:57	09/19/23 08:55	EPA 3015	1,6010D	DHL
Chromium, TCLP	ND		mg/l	0.200	0.0210	1	09/19/23 02:57	09/19/23 08:55	EPA 3015	1,6010D	DHL
Lead, TCLP	ND		mg/l	0.500	0.0270	1	09/19/23 02:57	09/19/23 08:55	EPA 3015	1,6010D	DHL
Mercury, TCLP	ND		mg/l	0.0010	0.0005	1	09/19/23 02:50	09/21/23 15:19	EPA 7470A	1,7470A	GMG
Selenium, TCLP	ND		mg/l	0.500	0.0350	1	09/19/23 02:57	09/19/23 08:55	EPA 3015	1,6010D	DHL
Silver, TCLP	ND		mg/l	0.100	0.0280	1	09/19/23 02:57	09/19/23 08:55	EPA 3015	1,6010D	DHL



Project Name: SUN VALLEY SITE**Lab Number:** L2354250**Project Number:** 12060 / PHASE 8**Report Date:** 09/22/23**SAMPLE RESULTS**

Lab ID: L2354250-05

Date Collected: 09/15/23 10:45

Client ID: COMP_A1(14-20)

Date Received: 09/15/23

Sample Location: OSSINING, NY

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 93%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	11100		mg/kg	8.32	2.24	2	09/19/23 07:25	09/19/23 11:02	EPA 3050B	1,6010D	DHL
Antimony, Total	ND		mg/kg	4.16	0.316	2	09/19/23 07:25	09/19/23 11:02	EPA 3050B	1,6010D	DHL
Arsenic, Total	1.31		mg/kg	0.832	0.173	2	09/19/23 07:25	09/19/23 11:02	EPA 3050B	1,6010D	DHL
Barium, Total	153		mg/kg	0.832	0.145	2	09/19/23 07:25	09/19/23 11:02	EPA 3050B	1,6010D	DHL
Beryllium, Total	0.315	J	mg/kg	0.416	0.027	2	09/19/23 07:25	09/19/23 11:02	EPA 3050B	1,6010D	DHL
Cadmium, Total	ND		mg/kg	0.832	0.082	2	09/19/23 07:25	09/19/23 11:02	EPA 3050B	1,6010D	DHL
Calcium, Total	8630		mg/kg	8.32	2.91	2	09/19/23 07:25	09/19/23 11:02	EPA 3050B	1,6010D	DHL
Chromium, Total	20.0		mg/kg	0.832	0.080	2	09/19/23 07:25	09/19/23 11:02	EPA 3050B	1,6010D	DHL
Cobalt, Total	7.80		mg/kg	1.66	0.138	2	09/19/23 07:25	09/19/23 11:02	EPA 3050B	1,6010D	DHL
Copper, Total	14.7		mg/kg	0.832	0.214	2	09/19/23 07:25	09/19/23 11:02	EPA 3050B	1,6010D	DHL
Iron, Total	19600		mg/kg	4.16	0.751	2	09/19/23 07:25	09/19/23 11:02	EPA 3050B	1,6010D	DHL
Lead, Total	5.84		mg/kg	4.16	0.223	2	09/19/23 07:25	09/19/23 11:02	EPA 3050B	1,6010D	DHL
Magnesium, Total	7290		mg/kg	8.32	1.28	2	09/19/23 07:25	09/19/23 11:02	EPA 3050B	1,6010D	DHL
Manganese, Total	243		mg/kg	0.832	0.132	2	09/19/23 07:25	09/19/23 11:02	EPA 3050B	1,6010D	DHL
Mercury, Total	ND		mg/kg	0.068	0.044	1	09/19/23 07:50	09/19/23 10:32	EPA 7471B	1,7471B	GMG
Nickel, Total	15.2		mg/kg	2.08	0.201	2	09/19/23 07:25	09/19/23 11:02	EPA 3050B	1,6010D	DHL
Potassium, Total	6190		mg/kg	208	12.0	2	09/19/23 07:25	09/19/23 11:02	EPA 3050B	1,6010D	DHL
Selenium, Total	ND		mg/kg	1.66	0.214	2	09/19/23 07:25	09/19/23 11:02	EPA 3050B	1,6010D	DHL
Silver, Total	ND		mg/kg	0.416	0.235	2	09/19/23 07:25	09/19/23 11:02	EPA 3050B	1,6010D	DHL
Sodium, Total	199		mg/kg	166	2.62	2	09/19/23 07:25	09/19/23 11:02	EPA 3050B	1,6010D	DHL
Thallium, Total	5.32		mg/kg	1.66	0.262	2	09/19/23 07:25	09/19/23 11:02	EPA 3050B	1,6010D	DHL
Vanadium, Total	28.3		mg/kg	0.832	0.169	2	09/19/23 07:25	09/19/23 11:02	EPA 3050B	1,6010D	DHL
Zinc, Total	43.7		mg/kg	4.16	0.244	2	09/19/23 07:25	09/19/23 11:02	EPA 3050B	1,6010D	DHL



Project Name: SUN VALLEY SITE**Lab Number:** L2354250**Project Number:** 12060 / PHASE 8**Report Date:** 09/22/23**SAMPLE RESULTS**

Lab ID: L2354250-07

Date Collected: 09/15/23 15:00

Client ID: COMP_A2(0-7)

Date Received: 09/15/23

Sample Location: OSSINING, NY

Field Prep: Not Specified

Sample Depth:

TCLP/SPLP Ext. Date: 09/16/23 17:56

Matrix: Soil

Percent Solids: 92%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
TCLP Metals by EPA 1311 - Mansfield Lab											
Arsenic, TCLP	ND		mg/l	1.00	0.0190	1	09/19/23 02:57	09/19/23 08:58	EPA 3015	1,6010D	DHL
Barium, TCLP	0.657		mg/l	0.500	0.0210	1	09/19/23 02:57	09/19/23 08:58	EPA 3015	1,6010D	DHL
Cadmium, TCLP	ND		mg/l	0.100	0.0100	1	09/19/23 02:57	09/19/23 08:58	EPA 3015	1,6010D	DHL
Chromium, TCLP	ND		mg/l	0.200	0.0210	1	09/19/23 02:57	09/19/23 08:58	EPA 3015	1,6010D	DHL
Lead, TCLP	ND		mg/l	0.500	0.0270	1	09/19/23 02:57	09/19/23 08:58	EPA 3015	1,6010D	DHL
Mercury, TCLP	ND		mg/l	0.0010	0.0005	1	09/19/23 02:50	09/21/23 15:22	EPA 7470A	1,7470A	GMG
Selenium, TCLP	ND		mg/l	0.500	0.0350	1	09/19/23 02:57	09/19/23 08:58	EPA 3015	1,6010D	DHL
Silver, TCLP	ND		mg/l	0.100	0.0280	1	09/19/23 02:57	09/19/23 08:58	EPA 3015	1,6010D	DHL



Project Name: SUN VALLEY SITE**Lab Number:** L2354250**Project Number:** 12060 / PHASE 8**Report Date:** 09/22/23**SAMPLE RESULTS**

Lab ID: L2354250-07

Date Collected: 09/15/23 15:00

Client ID: COMP_A2(0-7)

Date Received: 09/15/23

Sample Location: OSSINING, NY

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 92%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	9350		mg/kg	8.45	2.28	2	09/19/23 07:25	09/19/23 11:05	EPA 3050B	1,6010D	DHL
Antimony, Total	ND		mg/kg	4.22	0.321	2	09/19/23 07:25	09/19/23 11:05	EPA 3050B	1,6010D	DHL
Arsenic, Total	1.41		mg/kg	0.845	0.176	2	09/19/23 07:25	09/19/23 11:05	EPA 3050B	1,6010D	DHL
Barium, Total	126		mg/kg	0.845	0.147	2	09/19/23 07:25	09/19/23 11:05	EPA 3050B	1,6010D	DHL
Beryllium, Total	0.268	J	mg/kg	0.422	0.028	2	09/19/23 07:25	09/19/23 11:05	EPA 3050B	1,6010D	DHL
Cadmium, Total	ND		mg/kg	0.845	0.083	2	09/19/23 07:25	09/19/23 11:05	EPA 3050B	1,6010D	DHL
Calcium, Total	6170		mg/kg	8.45	2.96	2	09/19/23 07:25	09/19/23 11:05	EPA 3050B	1,6010D	DHL
Chromium, Total	17.5		mg/kg	0.845	0.081	2	09/19/23 07:25	09/19/23 11:05	EPA 3050B	1,6010D	DHL
Cobalt, Total	6.57		mg/kg	1.69	0.140	2	09/19/23 07:25	09/19/23 11:05	EPA 3050B	1,6010D	DHL
Copper, Total	12.8		mg/kg	0.845	0.218	2	09/19/23 07:25	09/19/23 11:05	EPA 3050B	1,6010D	DHL
Iron, Total	17000		mg/kg	4.22	0.763	2	09/19/23 07:25	09/19/23 11:05	EPA 3050B	1,6010D	DHL
Lead, Total	4.71		mg/kg	4.22	0.226	2	09/19/23 07:25	09/19/23 11:05	EPA 3050B	1,6010D	DHL
Magnesium, Total	6180		mg/kg	8.45	1.30	2	09/19/23 07:25	09/19/23 11:05	EPA 3050B	1,6010D	DHL
Manganese, Total	204		mg/kg	0.845	0.134	2	09/19/23 07:25	09/19/23 11:05	EPA 3050B	1,6010D	DHL
Mercury, Total	ND		mg/kg	0.068	0.045	1	09/19/23 07:50	09/19/23 10:36	EPA 7471B	1,7471B	GMG
Nickel, Total	12.7		mg/kg	2.11	0.204	2	09/19/23 07:25	09/19/23 11:05	EPA 3050B	1,6010D	DHL
Potassium, Total	5270		mg/kg	211	12.2	2	09/19/23 07:25	09/19/23 11:05	EPA 3050B	1,6010D	DHL
Selenium, Total	ND		mg/kg	1.69	0.218	2	09/19/23 07:25	09/19/23 11:05	EPA 3050B	1,6010D	DHL
Silver, Total	ND		mg/kg	0.422	0.239	2	09/19/23 07:25	09/19/23 11:05	EPA 3050B	1,6010D	DHL
Sodium, Total	158	J	mg/kg	169	2.66	2	09/19/23 07:25	09/19/23 11:05	EPA 3050B	1,6010D	DHL
Thallium, Total	4.54		mg/kg	1.69	0.266	2	09/19/23 07:25	09/19/23 11:05	EPA 3050B	1,6010D	DHL
Vanadium, Total	24.9		mg/kg	0.845	0.172	2	09/19/23 07:25	09/19/23 11:05	EPA 3050B	1,6010D	DHL
Zinc, Total	38.8		mg/kg	4.22	0.248	2	09/19/23 07:25	09/19/23 11:05	EPA 3050B	1,6010D	DHL



Project Name: SUN VALLEY SITE**Lab Number:** L2354250**Project Number:** 12060 / PHASE 8**Report Date:** 09/22/23**SAMPLE RESULTS**

Lab ID: L2354250-09

Date Collected: 09/15/23 15:00

Client ID: COMP_A2(7-19)

Date Received: 09/15/23

Sample Location: OSSINING, NY

Field Prep: Not Specified

Sample Depth:

TCLP/SPLP Ext. Date: 09/16/23 17:56

Matrix: Soil

Percent Solids: 91%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
TCLP Metals by EPA 1311 - Mansfield Lab											
Arsenic, TCLP	ND		mg/l	1.00	0.0190	1	09/19/23 02:57	09/19/23 09:02	EPA 3015	1,6010D	DHL
Barium, TCLP	0.740		mg/l	0.500	0.0210	1	09/19/23 02:57	09/19/23 09:02	EPA 3015	1,6010D	DHL
Cadmium, TCLP	ND		mg/l	0.100	0.0100	1	09/19/23 02:57	09/19/23 09:02	EPA 3015	1,6010D	DHL
Chromium, TCLP	ND		mg/l	0.200	0.0210	1	09/19/23 02:57	09/19/23 09:02	EPA 3015	1,6010D	DHL
Lead, TCLP	ND		mg/l	0.500	0.0270	1	09/19/23 02:57	09/19/23 09:02	EPA 3015	1,6010D	DHL
Mercury, TCLP	ND		mg/l	0.0010	0.0005	1	09/19/23 02:50	09/21/23 15:26	EPA 7470A	1,7470A	GMG
Selenium, TCLP	ND		mg/l	0.500	0.0350	1	09/19/23 02:57	09/19/23 09:02	EPA 3015	1,6010D	DHL
Silver, TCLP	ND		mg/l	0.100	0.0280	1	09/19/23 02:57	09/19/23 09:02	EPA 3015	1,6010D	DHL



Project Name: SUN VALLEY SITE**Lab Number:** L2354250**Project Number:** 12060 / PHASE 8**Report Date:** 09/22/23**SAMPLE RESULTS**

Lab ID: L2354250-09

Date Collected: 09/15/23 15:00

Client ID: COMP_A2(7-19)

Date Received: 09/15/23

Sample Location: OSSINING, NY

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 91%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	10900		mg/kg	8.31	2.24	2	09/19/23 07:25	09/19/23 11:08	EPA 3050B	1,6010D	DHL
Antimony, Total	ND		mg/kg	4.16	0.316	2	09/19/23 07:25	09/19/23 11:08	EPA 3050B	1,6010D	DHL
Arsenic, Total	1.22		mg/kg	0.831	0.173	2	09/19/23 07:25	09/19/23 11:08	EPA 3050B	1,6010D	DHL
Barium, Total	148		mg/kg	0.831	0.145	2	09/19/23 07:25	09/19/23 11:08	EPA 3050B	1,6010D	DHL
Beryllium, Total	0.315	J	mg/kg	0.416	0.027	2	09/19/23 07:25	09/19/23 11:08	EPA 3050B	1,6010D	DHL
Cadmium, Total	ND		mg/kg	0.831	0.082	2	09/19/23 07:25	09/19/23 11:08	EPA 3050B	1,6010D	DHL
Calcium, Total	7950		mg/kg	8.31	2.91	2	09/19/23 07:25	09/19/23 11:08	EPA 3050B	1,6010D	DHL
Chromium, Total	20.8		mg/kg	0.831	0.080	2	09/19/23 07:25	09/19/23 11:08	EPA 3050B	1,6010D	DHL
Cobalt, Total	7.34		mg/kg	1.66	0.138	2	09/19/23 07:25	09/19/23 11:08	EPA 3050B	1,6010D	DHL
Copper, Total	14.1		mg/kg	0.831	0.214	2	09/19/23 07:25	09/19/23 11:08	EPA 3050B	1,6010D	DHL
Iron, Total	19000		mg/kg	4.16	0.751	2	09/19/23 07:25	09/19/23 11:08	EPA 3050B	1,6010D	DHL
Lead, Total	5.49		mg/kg	4.16	0.223	2	09/19/23 07:25	09/19/23 11:08	EPA 3050B	1,6010D	DHL
Magnesium, Total	6860		mg/kg	8.31	1.28	2	09/19/23 07:25	09/19/23 11:08	EPA 3050B	1,6010D	DHL
Manganese, Total	320		mg/kg	0.831	0.132	2	09/19/23 07:25	09/19/23 11:08	EPA 3050B	1,6010D	DHL
Mercury, Total	ND		mg/kg	0.071	0.046	1	09/19/23 07:50	09/19/23 10:39	EPA 7471B	1,7471B	GMG
Nickel, Total	14.2		mg/kg	2.08	0.201	2	09/19/23 07:25	09/19/23 11:08	EPA 3050B	1,6010D	DHL
Potassium, Total	6130		mg/kg	208	12.0	2	09/19/23 07:25	09/19/23 11:08	EPA 3050B	1,6010D	DHL
Selenium, Total	ND		mg/kg	1.66	0.214	2	09/19/23 07:25	09/19/23 11:08	EPA 3050B	1,6010D	DHL
Silver, Total	ND		mg/kg	0.416	0.235	2	09/19/23 07:25	09/19/23 11:08	EPA 3050B	1,6010D	DHL
Sodium, Total	161	J	mg/kg	166	2.62	2	09/19/23 07:25	09/19/23 11:08	EPA 3050B	1,6010D	DHL
Thallium, Total	4.94		mg/kg	1.66	0.262	2	09/19/23 07:25	09/19/23 11:08	EPA 3050B	1,6010D	DHL
Vanadium, Total	27.4		mg/kg	0.831	0.169	2	09/19/23 07:25	09/19/23 11:08	EPA 3050B	1,6010D	DHL
Zinc, Total	42.8		mg/kg	4.16	0.244	2	09/19/23 07:25	09/19/23 11:08	EPA 3050B	1,6010D	DHL



Project Name: SUN VALLEY SITE

Lab Number: L2354250

Project Number: 12060 / PHASE 8

Report Date: 09/22/23

Method Blank Analysis Batch Quality Control

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
TCLP Metals by EPA 1311 - Mansfield Lab for sample(s): 01,03,05,07,09 Batch: WG1828719-1										
Arsenic, TCLP	ND		mg/l	1.00	0.0190	1	09/19/23 02:57	09/19/23 07:10	1,6010D	DHL
Barium, TCLP	ND		mg/l	0.500	0.0210	1	09/19/23 02:57	09/19/23 07:10	1,6010D	DHL
Cadmium, TCLP	ND		mg/l	0.100	0.0100	1	09/19/23 02:57	09/19/23 07:10	1,6010D	DHL
Chromium, TCLP	ND		mg/l	0.200	0.0210	1	09/19/23 02:57	09/19/23 07:10	1,6010D	DHL
Lead, TCLP	ND		mg/l	0.500	0.0270	1	09/19/23 02:57	09/19/23 07:10	1,6010D	DHL
Selenium, TCLP	ND		mg/l	0.500	0.0350	1	09/19/23 02:57	09/19/23 07:10	1,6010D	DHL
Silver, TCLP	ND		mg/l	0.100	0.0280	1	09/19/23 02:57	09/19/23 07:10	1,6010D	DHL

Prep Information

Digestion Method: EPA 3015

TCLP/SPLP Extraction Date: 09/16/23 17:56

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
TCLP Metals by EPA 1311 - Mansfield Lab for sample(s): 01,03,05,07,09 Batch: WG1828721-1										
Mercury, TCLP	ND		mg/l	0.0010	0.0005	1	09/19/23 02:50	09/21/23 14:50	1,7470A	GMG

Prep Information

Digestion Method: EPA 7470A

TCLP/SPLP Extraction Date: 09/16/23 17:56

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 01,03,05,07,09 Batch: WG1829019-1										
Mercury, Total	ND		mg/kg	0.083	0.054	1	09/19/23 07:50	09/19/23 09:49	1,7471B	GMG

Prep Information

Digestion Method: EPA 7471B



Project Name: SUN VALLEY SITE

Lab Number: L2354250

Project Number: 12060 / PHASE 8

Report Date: 09/22/23

Method Blank Analysis Batch Quality Control

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 01,03,05,07,09 Batch: WG1829024-1										
Aluminum, Total	ND		mg/kg	4.00	1.08	1	09/19/23 07:25	09/19/23 10:00	1,6010D	DHL
Antimony, Total	ND		mg/kg	2.00	0.152	1	09/19/23 07:25	09/19/23 10:00	1,6010D	DHL
Arsenic, Total	ND		mg/kg	0.400	0.083	1	09/19/23 07:25	09/19/23 10:00	1,6010D	DHL
Barium, Total	ND		mg/kg	0.400	0.070	1	09/19/23 07:25	09/19/23 10:00	1,6010D	DHL
Beryllium, Total	ND		mg/kg	0.200	0.013	1	09/19/23 07:25	09/19/23 10:00	1,6010D	DHL
Cadmium, Total	ND		mg/kg	0.400	0.039	1	09/19/23 07:25	09/19/23 10:00	1,6010D	DHL
Calcium, Total	ND		mg/kg	4.00	1.40	1	09/19/23 07:25	09/19/23 10:00	1,6010D	DHL
Chromium, Total	ND		mg/kg	0.400	0.038	1	09/19/23 07:25	09/19/23 10:00	1,6010D	DHL
Cobalt, Total	ND		mg/kg	0.800	0.066	1	09/19/23 07:25	09/19/23 10:00	1,6010D	DHL
Copper, Total	ND		mg/kg	0.400	0.103	1	09/19/23 07:25	09/19/23 10:00	1,6010D	DHL
Iron, Total	ND		mg/kg	2.00	0.361	1	09/19/23 07:25	09/19/23 10:00	1,6010D	DHL
Lead, Total	ND		mg/kg	2.00	0.107	1	09/19/23 07:25	09/19/23 10:00	1,6010D	DHL
Magnesium, Total	ND		mg/kg	4.00	0.616	1	09/19/23 07:25	09/19/23 10:00	1,6010D	DHL
Manganese, Total	ND		mg/kg	0.400	0.064	1	09/19/23 07:25	09/19/23 10:00	1,6010D	DHL
Nickel, Total	ND		mg/kg	1.00	0.097	1	09/19/23 07:25	09/19/23 10:00	1,6010D	DHL
Potassium, Total	ND		mg/kg	100	5.76	1	09/19/23 07:25	09/19/23 10:00	1,6010D	DHL
Selenium, Total	ND		mg/kg	0.800	0.103	1	09/19/23 07:25	09/19/23 10:00	1,6010D	DHL
Silver, Total	ND		mg/kg	0.200	0.113	1	09/19/23 07:25	09/19/23 10:00	1,6010D	DHL
Sodium, Total	2.03	J	mg/kg	80.0	1.26	1	09/19/23 07:25	09/19/23 10:00	1,6010D	DHL
Thallium, Total	ND		mg/kg	0.800	0.126	1	09/19/23 07:25	09/19/23 10:00	1,6010D	DHL
Vanadium, Total	ND		mg/kg	0.400	0.081	1	09/19/23 07:25	09/19/23 10:00	1,6010D	DHL
Zinc, Total	ND		mg/kg	2.00	0.117	1	09/19/23 07:25	09/19/23 10:00	1,6010D	DHL

Prep Information

Digestion Method: EPA 3050B



Lab Control Sample Analysis

Batch Quality Control

Project Name: SUN VALLEY SITE
Project Number: 12060 / PHASE 8

Lab Number: L2354250
Report Date: 09/22/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
TCLP Metals by EPA 1311 - Mansfield Lab Associated sample(s): 01,03,05,07,09 Batch: WG1828719-2								
Arsenic, TCLP	105		-		75-125	-		20
Barium, TCLP	104		-		75-125	-		20
Cadmium, TCLP	102		-		75-125	-		20
Chromium, TCLP	100		-		75-125	-		20
Lead, TCLP	99		-		75-125	-		20
Selenium, TCLP	110		-		75-125	-		20
Silver, TCLP	101		-		75-125	-		20
TCLP Metals by EPA 1311 - Mansfield Lab Associated sample(s): 01,03,05,07,09 Batch: WG1828721-2								
Mercury, TCLP	102		-		80-120	-		
Total Metals - Mansfield Lab Associated sample(s): 01,03,05,07,09 Batch: WG1829019-2 SRM Lot Number: D119-540								
Mercury, Total	109		-		73-127	-		

Lab Control Sample Analysis

Batch Quality Control

Project Name: SUN VALLEY SITE

Project Number: 12060 / PHASE 8

Lab Number: L2354250

Report Date: 09/22/23

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01,03,05,07,09 Batch: WG1829024-2 SRM Lot Number: D119-540					
Aluminum, Total	83	-	48-152	-	
Antimony, Total	164	-	10-190	-	
Arsenic, Total	108	-	83-117	-	
Barium, Total	107	-	82-118	-	
Beryllium, Total	110	-	83-117	-	
Cadmium, Total	105	-	82-117	-	
Calcium, Total	102	-	81-118	-	
Chromium, Total	108	-	82-119	-	
Cobalt, Total	110	-	83-117	-	
Copper, Total	100	-	84-116	-	
Iron, Total	102	-	60-140	-	
Lead, Total	107	-	82-118	-	
Magnesium, Total	101	-	76-124	-	
Manganese, Total	103	-	82-118	-	
Nickel, Total	110	-	82-117	-	
Potassium, Total	100	-	70-130	-	
Selenium, Total	111	-	79-121	-	
Silver, Total	110	-	80-120	-	
Sodium, Total	106	-	74-126	-	
Thallium, Total	107	-	81-119	-	
Vanadium, Total	104	-	79-121	-	

Lab Control Sample Analysis
Batch Quality Control**Project Name:** SUN VALLEY SITE**Project Number:** 12060 / PHASE 8**Lab Number:** L2354250**Report Date:** 09/22/23

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01,03,05,07,09 Batch: WG1829024-2 SRM Lot Number: D119-540					
Zinc, Total	111	-	80-120	-	

Matrix Spike Analysis **Batch Quality Control**

Project Name: SUN VALLEY SITE
Project Number: 12060 / PHASE 8

Lab Number: L2354250
Report Date: 09/22/23

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	MSD Qual	MSD Found	MSD %Recovery	Recovery Limits	RPD Qual	RPD Limits
TCLP Metals by EPA 1311 - Mansfield Lab Associated sample(s): 01,03,05,07,09 QC Batch ID: WG1828719-3 QC Sample: L2354197-01 Client ID: MS Sample										
Arsenic, TCLP	ND	1.2	1.27	106	-	-	-	75-125	-	20
Barium, TCLP	0.300J	20	20.9	104	-	-	-	75-125	-	20
Cadmium, TCLP	0.014J	0.53	0.544	103	-	-	-	75-125	-	20
Chromium, TCLP	0.053J	2	2.01	100	-	-	-	75-125	-	20
Lead, TCLP	0.519	5.3	5.69	98	-	-	-	75-125	-	20
Selenium, TCLP	ND	1.2	1.32	110	-	-	-	75-125	-	20
Silver, TCLP	ND	0.5	0.498	100	-	-	-	75-125	-	20
TCLP Metals by EPA 1311 - Mansfield Lab Associated sample(s): 01,03,05,07,09 QC Batch ID: WG1828721-3 QC Sample: L2354250-01 Client ID: COMP_A1(0-7)										
Mercury, TCLP	ND	0.025	0.0230	92	-	-	-	75-125	-	20
Total Metals - Mansfield Lab Associated sample(s): 01,03,05,07,09 QC Batch ID: WG1829019-3 QC Sample: L2354615-01 Client ID: MS Sample										
Mercury, Total	ND	1.5	1.60	107	-	-	-	80-120	-	20

Matrix Spike Analysis **Batch Quality Control**

Project Name: SUN VALLEY SITE
Project Number: 12060 / PHASE 8

Lab Number: L2354250
Report Date: 09/22/23

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	MSD Found	MSD %Recovery	Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01,03,05,07,09 QC Batch ID: WG1829024-3 QC Sample: L2354615-01 Client ID: MS Sample									
Aluminum, Total	6870	185	7710	454	Q	-	75-125	-	20
Antimony, Total	ND	46.2	41.7	90		-	75-125	-	20
Arsenic, Total	2.44	11.1	14.2	106		-	75-125	-	20
Barium, Total	28.7	185	202	94		-	75-125	-	20
Beryllium, Total	0.286	4.62	4.66	95		-	75-125	-	20
Cadmium, Total	ND	4.9	4.17	85		-	75-125	-	20
Calcium, Total	2200	924	2880	74	Q	-	75-125	-	20
Chromium, Total	11.4	18.5	28.1	90		-	75-125	-	20
Cobalt, Total	3.40	46.2	43.6	87		-	75-125	-	20
Copper, Total	12.4	23.1	34.3	95		-	75-125	-	20
Iron, Total	11600	92.4	11800	216	Q	-	75-125	-	20
Lead, Total	8.34	49	57.3	100		-	75-125	-	20
Magnesium, Total	1530	924	2560	111		-	75-125	-	20
Manganese, Total	165	46.2	234	149	Q	-	75-125	-	20
Nickel, Total	7.18	46.2	46.6	85		-	75-125	-	20
Potassium, Total	390	924	1290	97		-	75-125	-	20
Selenium, Total	0.206J	11.1	11.2	101		-	75-125	-	20
Silver, Total	0.167J	4.62	4.63	100		-	75-125	-	20
Sodium, Total	162	924	1040	95		-	75-125	-	20
Thallium, Total	0.793J	11.1	11.7	105		-	75-125	-	20
Vanadium, Total	18.1	46.2	59.2	89		-	75-125	-	20

Matrix Spike Analysis
Batch Quality Control**Project Name:** SUN VALLEY SITE**Project Number:** 12060 / PHASE 8**Lab Number:** L2354250**Report Date:** 09/22/23

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	MSD Found	MSD %Recovery	Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01,03,05,07,09 QC Batch ID: WG1829024-3 QC Sample: L2354615-01 Client ID: MS Sample									
Zinc, Total	35.4	46.2	85.3	108	-	-	75-125	-	20

Lab Duplicate Analysis *Batch Quality Control*

Project Name: SUN VALLEY SITE
Project Number: 12060 / PHASE 8

Lab Number: L2354250
Report Date: 09/22/23

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
TCLP Metals by EPA 1311 - Mansfield Lab Associated sample(s): 01,03,05,07,09 QC Batch ID: WG1828719-4 QC Sample: L2354197-01 Client ID: DUP Sample						
Lead, TCLP	0.519	0.501	mg/l	4		20
TCLP Metals by EPA 1311 - Mansfield Lab Associated sample(s): 01,03,05,07,09 QC Batch ID: WG1828721-4 QC Sample: L2354250-01 Client ID: COMP_A1(0-7)						
Mercury, TCLP	ND	ND	mg/l	NC		20
Total Metals - Mansfield Lab Associated sample(s): 01,03,05,07,09 QC Batch ID: WG1829019-4 QC Sample: L2354615-01 Client ID: DUP Sample						
Mercury, Total	ND	ND	mg/kg	NC		20

Lab Duplicate Analysis *Batch Quality Control*

Project Name: SUN VALLEY SITE

Project Number: 12060 / PHASE 8

Lab Number: L2354250

Report Date: 09/22/23

Parameter	Native Sample	Duplicate Sample	Units	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01,03,05,07,09 QC Batch ID: WG1829024-4 QC Sample: L2354615-01 Client ID: DUP Sample					
Aluminum, Total	6870	6430	mg/kg	7	20
Antimony, Total	ND	ND	mg/kg	NC	20
Arsenic, Total	2.44	2.55	mg/kg	4	20
Barium, Total	28.7	27.2	mg/kg	5	20
Beryllium, Total	0.286	0.269	mg/kg	6	20
Cadmium, Total	ND	ND	mg/kg	NC	20
Chromium, Total	11.4	12.4	mg/kg	8	20
Cobalt, Total	3.40	3.92	mg/kg	14	20
Copper, Total	12.4	14.2	mg/kg	14	20
Lead, Total	8.34	8.76	mg/kg	5	20
Manganese, Total	165	180	mg/kg	9	20
Nickel, Total	7.18	8.79	mg/kg	20	20
Selenium, Total	0.206J	ND	mg/kg	NC	20
Silver, Total	0.167J	0.169J	mg/kg	NC	20
Thallium, Total	0.793J	1.05	mg/kg	NC	20
Vanadium, Total	18.1	19.3	mg/kg	6	20
Zinc, Total	35.4	40.8	mg/kg	14	20

Project Name: SUN VALLEY SITE
Project Number: 12060 / PHASE 8

**Lab Serial Dilution
 Analysis
 Batch Quality Control**

Lab Number: L2354250
Report Date: 09/22/23

Parameter	Native Sample	Serial Dilution	Units	% D	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01,03,05,07,09 QC Batch ID: WG1829024-6 QC Sample: L2354615-01 Client ID: DUP Sample						
Aluminum, Total	6870	7930	mg/kg	15		20
Barium, Total	28.7	33.2	mg/kg	16		20
Chromium, Total	11.4	14.7	mg/kg	29	Q	20
Copper, Total	12.4	15.1	mg/kg	22	Q	20
Manganese, Total	165	196	mg/kg	19		20
Vanadium, Total	18.1	23.1	mg/kg	28	Q	20

INORGANICS & MISCELLANEOUS

Project Name: SUN VALLEY SITE
Project Number: 12060 / PHASE 8

Lab Number: L2354250
Report Date: 09/22/23

SAMPLE RESULTS

Lab ID: L2354250-01
Client ID: COMP_A1(0-7)
Sample Location: OSSINING, NY

Date Collected: 09/15/23 09:40
Date Received: 09/15/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Test Material Information

Source of Material: Unknown
Description of Material: Non-Metallic - Dry Clay
Particle Size: Medium
Preliminary Burning Time (sec): 120

Parameter	Result	Date Analyzed	Analytical Method	Analyst
Ignitability of Solids - Westborough Lab				
Ignitability	NI	09/21/23 15:22	1,1030	GEF



Project Name: SUN VALLEY SITE
Project Number: 12060 / PHASE 8

Lab Number: L2354250
Report Date: 09/22/23

SAMPLE RESULTS

Lab ID: L2354250-03
Client ID: COMP_A1(7-14)
Sample Location: OSSINING, NY

Date Collected: 09/15/23 10:40
Date Received: 09/15/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Test Material Information

Source of Material: Unknown
Description of Material: Non-Metallic - Dry Clay
Particle Size: Medium
Preliminary Burning Time (sec): 120

Parameter	Result	Date Analyzed	Analytical Method	Analyst
Ignitability of Solids - Westborough Lab				
Ignitability	NI	09/21/23 15:22	1,1030	GEF



Project Name: SUN VALLEY SITE
Project Number: 12060 / PHASE 8

Lab Number: L2354250
Report Date: 09/22/23

SAMPLE RESULTS

Lab ID: L2354250-05
Client ID: COMP_A1(14-20)
Sample Location: OSSINING, NY

Date Collected: 09/15/23 10:45
Date Received: 09/15/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Test Material Information

Source of Material: Unknown
Description of Material: Non-Metallic - Damp Clay
Particle Size: Medium
Preliminary Burning Time (sec): 120

Parameter	Result	Date Analyzed	Analytical Method	Analyst
Ignitability of Solids - Westborough Lab				
Ignitability	NI	09/21/23 15:22	1,1030	GEF



Project Name: SUN VALLEY SITE
Project Number: 12060 / PHASE 8

Lab Number: L2354250
Report Date: 09/22/23

SAMPLE RESULTS

Lab ID: L2354250-07
Client ID: COMP_A2(0-7)
Sample Location: OSSINING, NY

Date Collected: 09/15/23 15:00
Date Received: 09/15/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Test Material Information

Source of Material: Unknown
Description of Material: Non-Metallic - Damp Soil
Particle Size: Medium
Preliminary Burning Time (sec): 120

Parameter	Result	Date Analyzed	Analytical Method	Analyst
Ignitability of Solids - Westborough Lab				
Ignitability	NI	09/21/23 15:22	1,1030	GEF



Project Name: SUN VALLEY SITE
Project Number: 12060 / PHASE 8

Lab Number: L2354250
Report Date: 09/22/23

SAMPLE RESULTS

Lab ID: L2354250-09
Client ID: COMP_A2(7-19)
Sample Location: OSSINING, NY

Date Collected: 09/15/23 15:00
Date Received: 09/15/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Test Material Information

Source of Material: Unknown
Description of Material: Non-Metallic - Wet Clay
Particle Size: Medium
Preliminary Burning Time (sec): 120

Parameter	Result	Date Analyzed	Analytical Method	Analyst
Ignitability of Solids - Westborough Lab				
Ignitability	NI	09/21/23 15:22	1,1030	GEF



Project Name: SUN VALLEY SITE
Project Number: 12060 / PHASE 8

Lab Number: L2354250
Report Date: 09/22/23

SAMPLE RESULTS

Lab ID: L2354250-01
Client ID: COMP_A1(0-7)
Sample Location: OSSINING, NY

Date Collected: 09/15/23 09:40
Date Received: 09/15/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	94.6		%	0.100	NA	1	-	09/16/23 12:04	121,2540G	ROI
Cyanide, Total	ND		mg/kg	1.0	0.22	1	09/19/23 09:50	09/19/23 15:08	1,9010C/9012B	JER
pH (H)	8.43		SU	-	NA	1	-	09/19/23 07:24	1,9045D	JBB
Chromium, Hexavalent	0.190	J	mg/kg	0.846	0.169	1	09/20/23 12:27	09/20/23 22:50	1,7196A	WMT
Cyanide, Reactive	ND		mg/kg	10	10.	1	09/19/23 14:23	09/19/23 16:04	125,7.3	JLB
Sulfide, Reactive	ND		mg/kg	10	10.	1	09/19/23 14:23	09/19/23 17:09	125,7.3	JLB
Paint Filter Liquid	Negative		-	0	NA	1	-	09/18/23 21:50	1,9095B	AAS



Project Name: SUN VALLEY SITE**Project Number:** 12060 / PHASE 8**Lab Number:** L2354250**Report Date:** 09/22/23**SAMPLE RESULTS****Lab ID:** L2354250-02**Client ID:** GRAB_A1(0.5-1)**Sample Location:** OSSINING, NY**Date Collected:** 09/15/23 09:40**Date Received:** 09/15/23**Field Prep:** Not Specified**Sample Depth:****Matrix:** Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	94.6		%	0.100	NA	1	-	09/16/23 12:04	121,2540G	ROI



Project Name: SUN VALLEY SITE
Project Number: 12060 / PHASE 8

Lab Number: L2354250
Report Date: 09/22/23

SAMPLE RESULTS

Lab ID: L2354250-03
Client ID: COMP_A1(7-14)
Sample Location: OSSINING, NY

Date Collected: 09/15/23 10:40
Date Received: 09/15/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	94.4		%	0.100	NA	1	-	09/16/23 12:04	121,2540G	ROI
Cyanide, Total	ND		mg/kg	1.0	0.22	1	09/19/23 09:50	09/19/23 15:09	1,9010C/9012B	JER
pH (H)	8.46		SU	-	NA	1	-	09/19/23 07:24	1,9045D	JBB
Chromium, Hexavalent	ND		mg/kg	0.847	0.169	1	09/20/23 12:27	09/20/23 22:50	1,7196A	WMT
Cyanide, Reactive	ND		mg/kg	10	10.	1	09/19/23 14:23	09/19/23 16:04	125,7.3	JLB
Sulfide, Reactive	ND		mg/kg	10	10.	1	09/19/23 14:23	09/19/23 17:09	125,7.3	JLB
Paint Filter Liquid	Negative		-	0	NA	1	-	09/18/23 21:50	1,9095B	AAS



Project Name: SUN VALLEY SITE

Project Number: 12060 / PHASE 8

Lab Number: L2354250

Report Date: 09/22/23

SAMPLE RESULTS

Lab ID: L2354250-04

Client ID: GRAB_A1(7-7.5)

Sample Location: OSSINING, NY

Date Collected: 09/15/23 10:40

Date Received: 09/15/23

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	94.4		%	0.100	NA	1	-	09/16/23 12:04	121,2540G	ROI



Project Name: SUN VALLEY SITE
Project Number: 12060 / PHASE 8

Lab Number: L2354250
Report Date: 09/22/23

SAMPLE RESULTS

Lab ID: L2354250-05
Client ID: COMP_A1(14-20)
Sample Location: OSSINING, NY

Date Collected: 09/15/23 10:45
Date Received: 09/15/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	93.2		%	0.100	NA	1	-	09/16/23 12:04	121,2540G	ROI
Cyanide, Total	ND		mg/kg	1.0	0.21	1	09/19/23 09:50	09/19/23 15:10	1,9010C/9012B	JER
pH (H)	8.33		SU	-	NA	1	-	09/19/23 07:24	1,9045D	JBB
Chromium, Hexavalent	0.193	J	mg/kg	0.858	0.172	1	09/20/23 12:27	09/20/23 22:50	1,7196A	WMT
Cyanide, Reactive	ND		mg/kg	10	10.	1	09/19/23 14:23	09/19/23 16:04	125,7.3	JLB
Sulfide, Reactive	ND		mg/kg	10	10.	1	09/19/23 14:23	09/19/23 17:09	125,7.3	JLB
Paint Filter Liquid	Negative		-	0	NA	1	-	09/18/23 21:50	1,9095B	AAS



Project Name: SUN VALLEY SITE**Project Number:** 12060 / PHASE 8**Lab Number:** L2354250**Report Date:** 09/22/23**SAMPLE RESULTS****Lab ID:** L2354250-06**Client ID:** GRAB_A1(17-17.5)**Sample Location:** OSSINING, NY**Date Collected:** 09/15/23 10:45**Date Received:** 09/15/23**Field Prep:** Not Specified**Sample Depth:****Matrix:** Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	93.2		%	0.100	NA	1	-	09/16/23 12:04	121,2540G	ROI



Project Name: SUN VALLEY SITE
Project Number: 12060 / PHASE 8

Lab Number: L2354250
Report Date: 09/22/23

SAMPLE RESULTS

Lab ID: L2354250-07
Client ID: COMP_A2(0-7)
Sample Location: OSSINING, NY

Date Collected: 09/15/23 15:00
Date Received: 09/15/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	91.6		%	0.100	NA	1	-	09/16/23 12:04	121,2540G	ROI
Cyanide, Total	ND		mg/kg	1.0	0.21	1	09/19/23 09:50	09/19/23 15:13	1,9010C/9012B	JER
pH (H)	8.50		SU	-	NA	1	-	09/19/23 07:24	1,9045D	JBB
Chromium, Hexavalent	ND		mg/kg	0.873	0.175	1	09/20/23 12:27	09/20/23 22:50	1,7196A	WMT
Cyanide, Reactive	ND		mg/kg	10	10.	1	09/19/23 14:23	09/19/23 16:04	125,7.3	JLB
Sulfide, Reactive	ND		mg/kg	10	10.	1	09/19/23 14:23	09/19/23 17:09	125,7.3	JLB
Paint Filter Liquid	Negative		-	0	NA	1	-	09/18/23 21:50	1,9095B	AAS



Project Name: SUN VALLEY SITE**Project Number:** 12060 / PHASE 8**Lab Number:** L2354250**Report Date:** 09/22/23**SAMPLE RESULTS****Lab ID:** L2354250-08**Client ID:** GRAB_A2(5.0-5.5)**Sample Location:** OSSINING, NY**Date Collected:** 09/15/23 14:50**Date Received:** 09/15/23**Field Prep:** Not Specified**Sample Depth:****Matrix:** Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	91.6		%	0.100	NA	1	-	09/16/23 12:04	121,2540G	ROI



Project Name: SUN VALLEY SITE
Project Number: 12060 / PHASE 8

Lab Number: L2354250
Report Date: 09/22/23

SAMPLE RESULTS

Lab ID: L2354250-09
Client ID: COMP_A2(7-19)
Sample Location: OSSINING, NY

Date Collected: 09/15/23 15:00
Date Received: 09/15/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	91.0		%	0.100	NA	1	-	09/16/23 12:04	121,2540G	ROI
Cyanide, Total	ND		mg/kg	1.0	0.22	1	09/19/23 09:50	09/19/23 15:32	1,9010C/9012B	JER
pH (H)	8.37		SU	-	NA	1	-	09/19/23 07:24	1,9045D	JBB
Chromium, Hexavalent	ND		mg/kg	0.879	0.176	1	09/20/23 12:27	09/20/23 22:50	1,7196A	WMT
Cyanide, Reactive	ND		mg/kg	10	10.	1	09/19/23 14:23	09/19/23 16:04	125,7.3	JLB
Sulfide, Reactive	ND		mg/kg	10	10.	1	09/19/23 14:23	09/19/23 17:10	125,7.3	JLB
Paint Filter Liquid	Negative		-	0	NA	1	-	09/18/23 21:50	1,9095B	AAS



Project Name: SUN VALLEY SITE**Project Number:** 12060 / PHASE 8**Lab Number:** L2354250**Report Date:** 09/22/23**SAMPLE RESULTS****Lab ID:** L2354250-10**Client ID:** GRAB_A2(15-15.5)**Sample Location:** OSSINING, NY**Date Collected:** 09/15/23 14:55**Date Received:** 09/15/23**Field Prep:** Not Specified**Sample Depth:****Matrix:** Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	91.0		%	0.100	NA	1	-	09/16/23 12:04	121,2540G	ROI



Project Name: SUN VALLEY SITE
Project Number: 12060 / PHASE 8

Lab Number: L2354250
Report Date: 09/22/23

Method Blank Analysis
Batch Quality Control

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab for sample(s): 01,03,05,07 Batch: WG1829083-1										
Cyanide, Total	ND		mg/kg	0.93	0.20	1	09/19/23 09:50	09/19/23 15:01	1,9010C/9012B	JER
General Chemistry - Westborough Lab for sample(s): 09 Batch: WG1829085-1										
Cyanide, Total	ND		mg/kg	0.93	0.20	1	09/19/23 09:50	09/19/23 15:01	1,9010C/9012B	JER
General Chemistry - Westborough Lab for sample(s): 01,03,05,07,09 Batch: WG1829167-1										
Cyanide, Reactive	ND		mg/kg	10	10.	1	09/19/23 14:23	09/19/23 15:59	125,7.3	JLB
General Chemistry - Westborough Lab for sample(s): 01,03,05,07,09 Batch: WG1829169-1										
Sulfide, Reactive	ND		mg/kg	10	10.	1	09/19/23 14:23	09/19/23 16:57	125,7.3	JLB
General Chemistry - Westborough Lab for sample(s): 01,03,05,07,09 Batch: WG1829699-1										
Chromium, Hexavalent	ND		mg/kg	0.800	0.160	1	09/20/23 12:27	09/20/23 22:50	1,7196A	WMT

Lab Control Sample Analysis

Batch Quality Control

Project Name: SUN VALLEY SITE

Project Number: 12060 / PHASE 8

Lab Number: L2354250

Report Date: 09/22/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01,03,05,07,09 Batch: WG1828958-1								
pH	100		-		99-101	-		
General Chemistry - Westborough Lab Associated sample(s): 01,03,05,07 Batch: WG1829083-2 WG1829083-3								
Cyanide, Total	136	Q	131	Q	80-120	9		35
General Chemistry - Westborough Lab Associated sample(s): 09 Batch: WG1829085-2 WG1829085-3								
Cyanide, Total	136	Q	131	Q	80-120	9		35
General Chemistry - Westborough Lab Associated sample(s): 01,03,05,07,09 Batch: WG1829167-2								
Cyanide, Reactive	99		-		30-125	-		40
General Chemistry - Westborough Lab Associated sample(s): 01,03,05,07,09 Batch: WG1829169-2								
Sulfide, Reactive	78		-		60-125	-		40
General Chemistry - Westborough Lab Associated sample(s): 01,03,05,07,09 Batch: WG1829699-2								
Chromium, Hexavalent	86		-		80-120	-		20

Matrix Spike Analysis

Batch Quality Control

Project Name: SUN VALLEY SITE

Project Number: 12060 / PHASE 8

Lab Number: L2354250

Report Date: 09/22/23

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01,03,05,07 QC Batch ID: WG1829083-4 WG1829083-5 QC Sample: L2354424-01 Client ID: MS Sample												
Cyanide, Total	ND	11	17	150	Q	16	140	Q	75-125	6		35
General Chemistry - Westborough Lab Associated sample(s): 09 QC Batch ID: WG1829085-4 WG1829085-5 QC Sample: L2354249-01 Client ID: MS Sample												
Cyanide, Total	ND	10	16	150	Q	15	150	Q	75-125	0		35
General Chemistry - Westborough Lab Associated sample(s): 01,03,05,07,09 QC Batch ID: WG1829699-4 QC Sample: L2354250-07 Client ID: COMP_A2(0-7)												
Chromium, Hexavalent	ND	1200	1180	99		-	-		75-125	-		20

Lab Duplicate Analysis

Batch Quality Control

Project Name: SUN VALLEY SITE

Project Number: 12060 / PHASE 8

Lab Number: L2354250

Report Date: 09/22/23

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01-10 QC Batch ID: WG1828249-1 QC Sample: L2354093-01 Client ID: DUP Sample						
Solids, Total	73.8	85.6	%	15		20
General Chemistry - Westborough Lab Associated sample(s): 01,03,05,07,09 QC Batch ID: WG1828958-2 QC Sample: L2354250-09 Client ID: COMP_A2(7-19)						
pH (H)	8.37	8.31	SU	1		5
General Chemistry - Westborough Lab Associated sample(s): 01,03,05,07,09 QC Batch ID: WG1829167-3 QC Sample: L2354473-01 Client ID: DUP Sample						
Cyanide, Reactive	ND	ND	mg/kg	NC		40
General Chemistry - Westborough Lab Associated sample(s): 01,03,05,07,09 QC Batch ID: WG1829169-3 QC Sample: L2354473-01 Client ID: DUP Sample						
Sulfide, Reactive	ND	ND	mg/kg	NC		40
General Chemistry - Westborough Lab Associated sample(s): 01,03,05,07,09 QC Batch ID: WG1829699-6 QC Sample: L2354250-07 Client ID: COMP_A2(0-7)						
Chromium, Hexavalent	ND	ND	mg/kg	NC		20

Project Name: SUN VALLEY SITE**Lab Number:** L2354250**Project Number:** 12060 / PHASE 8**Report Date:** 09/22/23**Sample Receipt and Container Information**

Were project specific reporting limits specified?

YES

Cooler Information**Cooler** **Custody Seal**

A Absent

B Absent

C Absent

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2354250-01A	Metals Only-Glass 60mL/2oz unpreserved	C	NA		4.2	Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),AL-TI(180),TL-TI(180),CR-TI(180),NI-TI(180),PB-TI(180),SB-TI(180),CU-TI(180),SE-TI(180),ZN-TI(180),V-TI(180),CO-TI(180),MN-TI(180),FE-TI(180),MG-TI(180),HG-T(28),CA-TI(180),K-TI(180),CD-TI(180),NA-TI(180)
L2354250-01B	Glass 120ml/4oz unpreserved	C	NA		4.2	Y	Absent		IGNIT-1030(14),TCN-9010(14),NYTCL-8270(14),NJEPH-TPH-CAT2(14),REACTS(14),HERB-APA(14),PH-9045(1),NYTCL-8081(14),PAINTF(),NYTCL-8082(365),REACTCN(14),HEXCR-7196(30)
L2354250-01C	Plastic 2oz unpreserved for TS	C	NA		4.2	Y	Absent		TS(7)
L2354250-01D	Glass 500ml/16oz unpreserved	C	NA		4.2	Y	Absent		IGNIT-1030(14),TCN-9010(14),NYTCL-8270(14),NJEPH-TPH-CAT2(14),REACTS(14),HERB-APA(14),PH-9045(1),NYTCL-8081(14),PAINTF(),NYTCL-8082(365),REACTCN(14),HEXCR-7196(30)
L2354250-01E	Glass 500ml/16oz unpreserved	C	NA		4.2	Y	Absent		IGNIT-1030(14),TCN-9010(14),NYTCL-8270(14),NJEPH-TPH-CAT2(14),REACTS(14),HERB-APA(14),PH-9045(1),NYTCL-8081(14),PAINTF(),NYTCL-8082(365),REACTCN(14),HEXCR-7196(30)
L2354250-01X	Plastic 120ml HNO3 preserved Extracts	C	NA		4.2	Y	Absent		CD-CI(180),AS-CI(180),BA-CI(180),HG-C(28),PB-CI(180),CR-CI(180),SE-CI(180),AG-CI(180)
L2354250-01X9	Tumble Vessel	C	NA		4.2	Y	Absent		-
L2354250-02A	5 gram Encore Sampler	C	NA		4.2	Y	Absent		NYTCL-8260H(14),NYTCL-8260HLW(14)
L2354250-02B	5 gram Encore Sampler	C	NA		4.2	Y	Absent		NYTCL-8260H(14),NYTCL-8260HLW(14)
L2354250-02C	5 gram Encore Sampler	C	NA		4.2	Y	Absent		NYTCL-8260H(14),NYTCL-8260HLW(14)
L2354250-02X	Vial MeOH preserved split	C	NA		4.2	Y	Absent		NYTCL-8260H(14),NYTCL-8260HLW(14)
L2354250-02Y	Vial Water preserved split	C	NA		4.2	Y	Absent	16-SEP-23 09:47	NYTCL-8260H(14),NYTCL-8260HLW(14)

Project Name: SUN VALLEY SITE**Lab Number:** L2354250**Project Number:** 12060 / PHASE 8**Report Date:** 09/22/23**Container Information**

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2354250-02Z	Vial Water preserved split	C	NA		4.2	Y	Absent	16-SEP-23 09:47	NYTCL-8260H(14),NYTCL-8260HLW(14)
L2354250-03A	Metals Only-Glass 60mL/2oz unpreserved	C	NA		4.2	Y	Absent		BE-Ti(180),AS-Ti(180),BA-Ti(180),AG-Ti(180),AL-Ti(180),CR-Ti(180),TL-Ti(180),NI-Ti(180),SE-Ti(180),CU-Ti(180),SB-Ti(180),PB-Ti(180),ZN-Ti(180),CO-Ti(180),V-Ti(180),FE-Ti(180),MG-Ti(180),HG-T(28),MN-Ti(180),NA-Ti(180),CA-Ti(180),K-Ti(180),CD-Ti(180)
L2354250-03B	Glass 120ml/4oz unpreserved	C	NA		4.2	Y	Absent		TCN-9010(14),IGNIT-1030(14),NJEPH-TPH-CAT2(14),NYTCL-8270(14),REACTS(14),HERB-APA(14),PH-9045(1),NYTCL-8081(14),PAINTF(),REACTCN(14),NYTCL-8082(365),HEXCR-7196(30)
L2354250-03C	Plastic 2oz unpreserved for TS	C	NA		4.2	Y	Absent		TS(7)
L2354250-03D	Glass 500ml/16oz unpreserved	C	NA		4.2	Y	Absent		TCN-9010(14),IGNIT-1030(14),NJEPH-TPH-CAT2(14),NYTCL-8270(14),REACTS(14),HERB-APA(14),PH-9045(1),NYTCL-8081(14),PAINTF(),REACTCN(14),NYTCL-8082(365),HEXCR-7196(30)
L2354250-03E	Glass 500ml/16oz unpreserved	C	NA		4.2	Y	Absent		TCN-9010(14),IGNIT-1030(14),NJEPH-TPH-CAT2(14),NYTCL-8270(14),REACTS(14),HERB-APA(14),PH-9045(1),NYTCL-8081(14),PAINTF(),REACTCN(14),NYTCL-8082(365),HEXCR-7196(30)
L2354250-03X	Plastic 120ml HNO3 preserved Extracts	C	NA		4.2	Y	Absent		CD-CI(180),AS-CI(180),BA-CI(180),HG-C(28),PB-CI(180),SE-CI(180),CR-CI(180),AG-CI(180)
L2354250-03X9	Tumble Vessel	C	NA		4.2	Y	Absent		-
L2354250-04A	5 gram Encore Sampler	C	NA		4.2	Y	Absent		NYTCL-8260HLW(14)
L2354250-04B	5 gram Encore Sampler	C	NA		4.2	Y	Absent		NYTCL-8260HLW(14)
L2354250-04C	5 gram Encore Sampler	C	NA		4.2	Y	Absent		NYTCL-8260HLW(14)
L2354250-04X	Vial MeOH preserved split	C	NA		4.2	Y	Absent		NYTCL-8260HLW(14)
L2354250-04Y	Vial Water preserved split	C	NA		4.2	Y	Absent	16-SEP-23 09:47	NYTCL-8260HLW(14)
L2354250-04Z	Vial Water preserved split	C	NA		4.2	Y	Absent	16-SEP-23 09:47	NYTCL-8260HLW(14)
L2354250-05A	Metals Only-Glass 60mL/2oz unpreserved	C	NA		4.2	Y	Absent		BE-Ti(180),AS-Ti(180),BA-Ti(180),AG-Ti(180),AL-Ti(180),CR-Ti(180),NI-Ti(180),TL-Ti(180),CU-Ti(180),PB-Ti(180),ZN-Ti(180),SB-Ti(180),SE-Ti(180),CO-Ti(180),V-Ti(180),FE-Ti(180),MG-Ti(180),MN-Ti(180),HG-T(28),CD-Ti(180),CA-Ti(180),NA-Ti(180),K-Ti(180)

Project Name: SUN VALLEY SITE
Project Number: 12060 / PHASE 8

Serial_No:09222313:13
Lab Number: L2354250
Report Date: 09/22/23

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2354250-05B	Glass 120ml/4oz unpreserved	C	NA		4.2	Y	Absent		NYTCL-8270(14),REACTS(14),NJEPH-TPH-CAT2(14),TCN-9010(14),IGNIT-1030(14),HERB-APA(14),PH-9045(1),PAINTF(),NYTCL-8081(14),NYTCL-8082(365),REACTCN(14),HEXCR-7196(30)
L2354250-05C	Plastic 2oz unpreserved for TS	C	NA		4.2	Y	Absent		TS(7)
L2354250-05D	Glass 500ml/16oz unpreserved	C	NA		4.2	Y	Absent		NYTCL-8270(14),REACTS(14),NJEPH-TPH-CAT2(14),TCN-9010(14),IGNIT-1030(14),HERB-APA(14),PH-9045(1),PAINTF(),NYTCL-8081(14),NYTCL-8082(365),REACTCN(14),HEXCR-7196(30)
L2354250-05E	Glass 500ml/16oz unpreserved	C	NA		4.2	Y	Absent		NYTCL-8270(14),REACTS(14),NJEPH-TPH-CAT2(14),TCN-9010(14),IGNIT-1030(14),HERB-APA(14),PH-9045(1),PAINTF(),NYTCL-8081(14),NYTCL-8082(365),REACTCN(14),HEXCR-7196(30)
L2354250-05X	Plastic 120ml HNO3 preserved Extracts	C	NA		4.2	Y	Absent		CD-CI(180),AS-CI(180),BA-CI(180),HG-C(28),PB-CI(180),CR-CI(180),SE-CI(180),AG-CI(180)
L2354250-05X9	Tumble Vessel	C	NA		4.2	Y	Absent		-
L2354250-06A	5 gram Encore Sampler	C	NA		4.2	Y	Absent		NYTCL-8260HLW(14)
L2354250-06B	5 gram Encore Sampler	C	NA		4.2	Y	Absent		NYTCL-8260HLW(14)
L2354250-06C	5 gram Encore Sampler	C	NA		4.2	Y	Absent		NYTCL-8260HLW(14)
L2354250-06X	Vial MeOH preserved split	C	NA		4.2	Y	Absent		NYTCL-8260HLW(14)
L2354250-06Y	Vial Water preserved split	C	NA		4.2	Y	Absent	16-SEP-23 09:47	NYTCL-8260HLW(14)
L2354250-06Z	Vial Water preserved split	C	NA		4.2	Y	Absent	16-SEP-23 09:47	NYTCL-8260HLW(14)
L2354250-07A	Metals Only-Glass 60mL/2oz unpreserved	A	NA		2.8	Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),CR-TI(180),AL-TI(180),NI-TI(180),TL-TI(180),SB-TI(180),ZN-TI(180),PB-TI(180),SE-TI(180),CU-TI(180),CO-TI(180),V-TI(180),MG-TI(180),FE-TI(180),MN-TI(180),HG-T(28),CA-TI(180),NA-TI(180),CD-TI(180),K-TI(180)
L2354250-07B	Glass 120ml/4oz unpreserved	A	NA		2.8	Y	Absent		TCN-9010(14),NYTCL-8270(14),IGNIT-1030(14),REACTS(14),NJEPH-TPH-CAT2(14),HERB-APA(14),PH-9045(1),PAINTF(),NYTCL-8081(14),NYTCL-8082(365),REACTCN(14),HEXCR-7196(30)
L2354250-07C	Plastic 2oz unpreserved for TS	A	NA		2.8	Y	Absent		TS(7)

Project Name: SUN VALLEY SITE
Project Number: 12060 / PHASE 8

Serial_No: 09222313:13
Lab Number: L2354250
Report Date: 09/22/23

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2354250-07D	Glass 500ml/16oz unpreserved	A	NA		2.8	Y	Absent		TCN-9010(14),NYTCL-8270(14),IGNIT-1030(14),REACTS(14),NJEPH-TPH-CAT2(14),HERB-APA(14),PH-9045(1),PAINTF(),NYTCL-8081(14),NYTCL-8082(365),REACTCN(14),HEXCR-7196(30)
L2354250-07E	Glass 500ml/16oz unpreserved	A	NA		2.8	Y	Absent		TCN-9010(14),NYTCL-8270(14),IGNIT-1030(14),REACTS(14),NJEPH-TPH-CAT2(14),HERB-APA(14),PH-9045(1),PAINTF(),NYTCL-8081(14),NYTCL-8082(365),REACTCN(14),HEXCR-7196(30)
L2354250-07X	Plastic 120ml HNO3 preserved Extracts	A	NA		2.8	Y	Absent		CD-CI(180),BA-CI(180),AS-CI(180),HG-C(28),PB-CI(180),SE-CI(180),CR-CI(180),AG-CI(180)
L2354250-07X9	Tumble Vessel	A	NA		2.8	Y	Absent		-
L2354250-08A	5 gram Encore Sampler	A	NA		2.8	Y	Absent		NYTCL-8260HLW(14)
L2354250-08B	5 gram Encore Sampler	A	NA		2.8	Y	Absent		NYTCL-8260HLW(14)
L2354250-08C	5 gram Encore Sampler	A	NA		2.8	Y	Absent		NYTCL-8260HLW(14)
L2354250-08X	Vial MeOH preserved split	A	NA		2.8	Y	Absent		NYTCL-8260HLW(14)
L2354250-08Y	Vial Water preserved split	A	NA		2.8	Y	Absent	16-SEP-23 09:47	NYTCL-8260HLW(14)
L2354250-08Z	Vial Water preserved split	A	NA		2.8	Y	Absent	16-SEP-23 09:47	NYTCL-8260HLW(14)
L2354250-09A	Metals Only-Glass 60mL/2oz unpreserved	A	NA		2.8	Y	Absent		BE-Ti(180),AS-Ti(180),BA-Ti(180),AG-Ti(180),CR-Ti(180),AL-Ti(180),TL-Ti(180),NI-Ti(180),SE-Ti(180),PB-Ti(180),CU-Ti(180),ZN-Ti(180),SB-Ti(180),CO-Ti(180),V-Ti(180),FE-Ti(180),MG-Ti(180),HG-T(28),MN-Ti(180),CA-Ti(180),K-Ti(180),NA-Ti(180),CD-Ti(180)
L2354250-09B	Glass 120ml/4oz unpreserved	A	NA		2.8	Y	Absent		REACTS(14),IGNIT-1030(14),NJEPH-TPH-CAT2(14),TCN-9010(14),NYTCL-8270(14),HERB-APA(14),PH-9045(1),NYTCL-8081(14),PAINTF(),NYTCL-8082(365),REACTCN(14),HEXCR-7196(30)
L2354250-09C	Plastic 2oz unpreserved for TS	A	NA		2.8	Y	Absent		TS(7)
L2354250-09D	Glass 500ml/16oz unpreserved	A	NA		2.8	Y	Absent		REACTS(14),IGNIT-1030(14),NJEPH-TPH-CAT2(14),TCN-9010(14),NYTCL-8270(14),HERB-APA(14),PH-9045(1),NYTCL-8081(14),PAINTF(),NYTCL-8082(365),REACTCN(14),HEXCR-7196(30)
L2354250-09E	Glass 500ml/16oz unpreserved	A	NA		2.8	Y	Absent		REACTS(14),IGNIT-1030(14),NJEPH-TPH-CAT2(14),TCN-9010(14),NYTCL-8270(14),HERB-APA(14),PH-9045(1),NYTCL-8081(14),PAINTF(),NYTCL-8082(365),REACTCN(14),HEXCR-7196(30)

Project Name: SUN VALLEY SITE
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Serial_No: 09222313:13
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Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2354250-09X	Plastic 120ml HNO3 preserved Extracts	A	NA		2.8	Y	Absent		CD-CI(180),AS-CI(180),BA-CI(180),HG-C(28),PB-CI(180),CR-CI(180),SE-CI(180),AG-CI(180)
L2354250-09X9	Tumble Vessel	A	NA		2.8	Y	Absent		-
L2354250-10A	5 gram Encore Sampler	A	NA		2.8	Y	Absent		NYTCL-8260HLW(14)
L2354250-10B	5 gram Encore Sampler	A	NA		2.8	Y	Absent		NYTCL-8260HLW(14)
L2354250-10C	5 gram Encore Sampler	A	NA		2.8	Y	Absent		NYTCL-8260HLW(14)
L2354250-10X	Vial MeOH preserved split	A	NA		2.8	Y	Absent		NYTCL-8260HLW(14)
L2354250-10Y	Vial Water preserved split	A	NA		2.8	Y	Absent	16-SEP-23 09:47	NYTCL-8260HLW(14)
L2354250-10Z	Vial Water preserved split	A	NA		2.8	Y	Absent	16-SEP-23 09:47	NYTCL-8260HLW(14)

Project Name: SUN VALLEY SITE
Project Number: 12060 / PHASE 8

Lab Number: L2354250
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GLOSSARY

Acronyms

DL	- Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the limit of quantitation (LOQ). The DL includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
EDL	- Estimated Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The EDL includes any adjustments from dilutions, concentrations or moisture content, where applicable. The use of EDLs is specific to the analysis of PAHs using Solid-Phase Microextraction (SPME).
EMPC	- Estimated Maximum Possible Concentration: The concentration that results from the signal present at the retention time of an analyte when the ions meet all of the identification criteria except the ion abundance ratio criteria. An EMPC is a worst-case estimate of the concentration.
EPA	- Environmental Protection Agency.
LCS	- Laboratory Control Sample: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.
LCSD	- Laboratory Control Sample Duplicate: Refer to LCS.
LFB	- Laboratory Fortified Blank: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.
LOD	- Limit of Detection: This value represents the level to which a target analyte can reliably be detected for a specific analyte in a specific matrix by a specific method. The LOD includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
LOQ	- Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.) Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
MDL	- Method Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The MDL includes any adjustments from dilutions, concentrations or moisture content, where applicable.
MS	- Matrix Spike Sample: A sample prepared by adding a known mass of target analyte to a specified amount of matrix sample for which an independent estimate of target analyte concentration is available. For Method 332.0, the spike recovery is calculated using the native concentration, including estimated values.
MSD	- Matrix Spike Sample Duplicate: Refer to MS.
NA	- Not Applicable.
NC	- Not Calculated: Term is utilized when one or more of the results utilized in the calculation are non-detect at the parameter's reporting unit.
NDPA/DPA	- N-Nitrosodiphenylamine/Diphenylamine.
NI	- Not Ignitable.
NP	- Non-Plastic: Term is utilized for the analysis of Atterberg Limits in soil.
NR	- No Results: Term is utilized when 'No Target Compounds Requested' is reported for the analysis of Volatile or Semivolatile Organic TIC only requests.
RL	- Reporting Limit: The value at which an instrument can accurately measure an analyte at a specific concentration. The RL includes any adjustments from dilutions, concentrations or moisture content, where applicable.
RPD	- Relative Percent Difference: The results from matrix and/or matrix spike duplicates are primarily designed to assess the precision of analytical results in a given matrix and are expressed as relative percent difference (RPD). Values which are less than five times the reporting limit for any individual parameter are evaluated by utilizing the absolute difference between the values; although the RPD value will be provided in the report.
SRM	- Standard Reference Material: A reference sample of a known or certified value that is of the same or similar matrix as the associated field samples.
STLP	- Semi-dynamic Tank Leaching Procedure per EPA Method 1315.
TEF	- Toxic Equivalency Factors: The values assigned to each dioxin and furan to evaluate their toxicity relative to 2,3,7,8-TCDD.
TEQ	- Toxic Equivalent: The measure of a sample's toxicity derived by multiplying each dioxin and furan by its corresponding TEF and then summing the resulting values.
TIC	- Tentatively Identified Compound: A compound that has been identified to be present and is not part of the target compound list (TCL) for the method and/or program. All TICs are qualitatively identified and reported as estimated concentrations.

Report Format: DU Report with 'J' Qualifiers



Project Name: SUN VALLEY SITE
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Footnotes

- 1 - The reference for this analyte should be considered modified since this analyte is absent from the target analyte list of the original method.

Terms

Analytical Method: Both the document from which the method originates and the analytical reference method. (Example: EPA 8260B is shown as 1,8260B.) The codes for the reference method documents are provided in the References section of the Addendum.

Chlordane: The target compound Chlordane (CAS No. 57-74-9) is reported for GC ECD analyses. Per EPA, this compound "refers to a mixture of chlordane isomers, other chlorinated hydrocarbons and numerous other components." (Reference: USEPA Toxicological Review of Chlordane, In Support of Summary Information on the Integrated Risk Information System (IRIS), December 1997.)

Difference: With respect to Total Oxidizable Precursor (TOP) Assay analysis, the difference is defined as the Post-Treatment value minus the Pre-Treatment value.

Final pH: As it pertains to Sample Receipt & Container Information section of the report, Final pH reflects pH of container determined after adjustment at the laboratory, if applicable. If no adjustment required, value reflects Initial pH.

Frozen Date/Time: With respect to Volatile Organics in soil, Frozen Date/Time reflects the date/time at which associated Reagent Water-preserved vials were initially frozen. Note: If frozen date/time is beyond 48 hours from sample collection, value will be reflected in 'bold'.

Gasoline Range Organics (GRO): Gasoline Range Organics (GRO) results include all chromatographic peaks eluting from Methyl tert butyl ether through Naphthalene, with the exception of GRO analysis in support of State of Ohio programs, which includes all chromatographic peaks eluting from Hexane through Dodecane.

Initial pH: As it pertains to Sample Receipt & Container Information section of the report, Initial pH reflects pH of container determined upon receipt, if applicable.

PAH Total: With respect to Alkylated PAH analyses, the 'PAHs, Total' result is defined as the summation of results for all or a subset of the following compounds: Naphthalene, C1-C4 Naphthalenes, 2-Methylnaphthalene, 1-Methylnaphthalene, Biphenyl, Acenaphthylene, Acenaphthene, Fluorene, C1-C3 Fluorenes, Phenanthrene, C1-C4 Phenanthrenes/Anthracenes, Anthracene, Fluoranthene, Pyrene, C1-C4 Fluoranthenes/Pyrenes, Benz(a)anthracene, Chrysene, C1-C4 Chrysenes, Benzo(b)fluoranthene, Benzo(j)+(k)fluoranthene, Benzo(e)pyrene, Benzo(a)pyrene, Perylene, Indeno(1,2,3-cd)pyrene, Dibenz(ah)+(ac)anthracene, Benzo(g,h,i)perylene. If a 'Total' result is requested, the results of its individual components will also be reported.

PFAS Total: With respect to PFAS analyses, the 'PFAS, Total (5)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA and PFOS. In addition, the 'PFAS, Total (6)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA, PFDA and PFOS. For MassDEP DW compliance analysis only, the 'PFAS, Total (6)' result is defined as the summation of results at or above the RL. Note: If a 'Total' result is requested, the results of its individual components will also be reported.

Total: With respect to Organic analyses, a 'Total' result is defined as the summation of results for individual isomers or Aroclors. If a 'Total' result is requested, the results of its individual components will also be reported. This is applicable to 'Total' results for methods 8260, 8081 and 8082.

Data Qualifiers

- A** - Spectra identified as "Aldol Condensates" are byproducts of the extraction/concentration procedures when acetone is introduced in the process.
- B** - The analyte was detected above the reporting limit in the associated method blank. Flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For MCP-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For DOD-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank AND the analyte was detected above one-half the reporting limit (or above the reporting limit for common lab contaminants) in the associated method blank. For NJ-Air-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte above the reporting limit. For NJ-related projects (excluding Air), flag only applies to associated field samples that have detectable concentrations of the analyte, which was detected above the reporting limit in the associated method blank or above five times the reporting limit for common lab contaminants (Phthalates, Acetone, Methylene Chloride, 2-Butanone).
- C** - Co-elution: The target analyte co-elutes with a known lab standard (i.e. surrogate, internal standards, etc.) for co-extracted analyses.
- D** - Concentration of analyte was quantified from diluted analysis. Flag only applies to field samples that have detectable concentrations of the analyte.
- E** - Concentration of analyte exceeds the range of the calibration curve and/or linear range of the instrument.
- F** - The ratio of quantifier ion response to qualifier ion response falls outside of the laboratory criteria. Results are considered to be an estimated maximum concentration.
- G** - The concentration may be biased high due to matrix interferences (i.e. co-elution) with non-target compound(s). The result should be considered estimated.
- H** - The analysis of pH was performed beyond the regulatory-required holding time of 15 minutes from the time of sample collection.
- I** - The lower value for the two columns has been reported due to obvious interference.
- J** - Estimated value. The Target analyte concentration is below the quantitation limit (RL), but above the Method Detection Limit (MDL) or Estimated Detection Limit (EDL) for SPME-related analyses. This represents an estimated concentration for Tentatively

Report Format: DU Report with 'J' Qualifiers



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Data Qualifiers

Identified Compounds (TICs). For calculated parameters, this represents that one or more values used in the calculation were estimated.

- M** - Reporting Limit (RL) exceeds the MCP CAM Reporting Limit for this analyte.
- ND** - Not detected at the method detection limit (MDL) for the sample, or estimated detection limit (EDL) for SPME-related analyses.
- NJ** - Presumptive evidence of compound. This represents an estimated concentration for Tentatively Identified Compounds (TICs), where the identification is based on a mass spectral library search.
- P** - The RPD between the results for the two columns exceeds the method-specified criteria.
- Q** - The quality control sample exceeds the associated acceptance criteria. For DOD-related projects, LCS and/or Continuing Calibration Standard exceedences are also qualified on all associated sample results. Note: This flag is not applicable for matrix spike recoveries when the sample concentration is greater than 4x the spike added or for batch duplicate RPD when the sample concentrations are less than 5x the RL. (Metals only.)
- R** - Analytical results are from sample re-analysis.
- RE** - Analytical results are from sample re-extraction.
- S** - Analytical results are from modified screening analysis.
- V** - The surrogate associated with this target analyte has a recovery outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)
- Z** - The batch matrix spike and/or duplicate associated with this target analyte has a recovery/RPD outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)

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REFERENCES

- 1 Test Methods for Evaluating Solid Waste: Physical/Chemical Methods. EPA SW-846. Third Edition. Updates I - VI, 2018.
- 103 Analysis of Extractable Petroleum Hydrocarbon Compounds (EPH) in Aqueous and Soil/Sediment/Sludge Matrices. New Jersey Department of Environmental Protection, Site Remediation Program, (Version 1.1), Document # NJDEP EPH 10/08, Revision 3, August 2010.
- 121 Standard Methods for the Examination of Water and Wastewater. APHA-AWWA-WEF. Standard Methods Online.
- 125 Test Methods for Evaluating Solid Waste: Physical/Chemical Methods. EPA SW-846. Third Edition. Updates IIIA, April 1998.

LIMITATION OF LIABILITIES

Alpha Analytical performs services with reasonable care and diligence normal to the analytical testing laboratory industry. In the event of an error, the sole and exclusive responsibility of Alpha Analytical shall be to re-perform the work at it's own expense. In no event shall Alpha Analytical be held liable for any incidental, consequential or special damages, including but not limited to, damages in any way connected with the use of, interpretation of, information or analysis provided by Alpha Analytical.

We strongly urge our clients to comply with EPA protocol regarding sample volume, preservation, cooling, containers, sampling procedures, holding time and splitting of samples in the field.



Alpha Analytical, Inc.Facility: **Company-wide**Department: **Quality Assurance**Title: **Certificate/Approval Program Summary**ID No.: **17873**

Revision 20

Published Date: 6/16/2023 4:52:28 PM

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Certification Information**The following analytes are not included in our Primary NELAP Scope of Accreditation:****Westborough Facility****EPA 624.1:** m/p-xylene, o-xylene, Naphthalene**EPA 625.1:** alpha-Terpineol**EPA 8260D:** NPW: 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene, Azobenzene; SCM: Iodomethane (methyl iodide), 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene.**EPA 8270E:** NPW: Dimethylnaphthalene, 1,4-Diphenylhydrazine, alpha-Terpineol; SCM: Dimethylnaphthalene, 1,4-Diphenylhydrazine.**SM4500:** NPW: Amenable Cyanide; SCM: Total Phosphorus, TKN, NO₂, NO₃.**Mansfield Facility****SM 2540D:** TSS.**EPA TO-15:** Halothane, 2,4,4-Trimethyl-2-pentene, 2,4,4-Trimethyl-1-pentene, Thiophene, 2-Methylthiophene,

3-Methylthiophene, 2-Ethylthiophene, 1,2,3-Trimethylbenzene, Indan, Indene, 1,2,4,5-Tetramethylbenzene, Benzothiophene, 1-Methylnaphthalene.

Biological Tissue Matrix: EPA 3050B**The following analytes are included in our Massachusetts DEP Scope of Accreditation****Westborough Facility:****Drinking Water****EPA 300.0:** Chloride, Nitrate-N, Fluoride, Sulfate; **EPA 353.2:** Nitrate-N, Nitrite-N; **SM4500NO3-F:** Nitrate-N, Nitrite-N; **SM4500F-C, SM4500CN-CE,****EPA 180.1, SM2130B, SM4500Cl-D, SM2320B, SM2540C, SM4500H-B, SM4500NO2-B****EPA 524.2:** THMs and VOCs; **EPA 504.1:** EDB, DBCP.**Microbiology:** **SM9215B; SM9223-P/A, SM9223B-Colilert-QT, SM9222D.****Non-Potable Water****SM4500H,B, EPA 120.1, SM2510B, SM2540C, SM2320B, SM4500CL-E, SM4500F-BC, SM4500NH3-BH:** Ammonia-N and Kjeldahl-N, **EPA 350.1:**Ammonia-N, **LACHAT 10-107-06-1-B:** Ammonia-N, **EPA 351.1, SM4500NO3-F, EPA 353.2:** Nitrate-N, **SM4500P-E, SM4500P-B, E, SM4500SO4-E,****SM5220D, EPA 410.4, SM5210B, SM5310C, SM4500CL-D, EPA 1664, EPA 420.1, SM4500-CN-CE, SM2540D, EPA 300:** Chloride, Sulfate, Nitrate.**EPA 624.1:** Volatile Halocarbons & Aromatics,**EPA 608.3:** Chlordane, Toxaphene, Aldrin, alpha-BHC, beta-BHC, gamma-BHC, delta-BHC, Dieldrin, DDD, DDE, DDT, Endosulfan I, Endosulfan II,

Endosulfan sulfate, Endrin, Endrin Aldehyde, Heptachlor, Heptachlor Epoxide, PCBs

EPA 625.1: SVOC (Acid/Base/Neutral Extractables).**Microbiology:** **SM9223B-Colilert-QT; Enterolert-QT, SM9221E, EPA 1600, EPA 1603, SM9222D.****Mansfield Facility:****Drinking Water****EPA 200.7:** Al, Ba, Cd, Cr, Cu, Fe, Mn, Ni, Na, Ag, Ca, Zn. **EPA 200.8:** Al, Sb, As, Ba, Be, Cd, Cr, Cu, Pb, Mn, Ni, Se, Ag, TL, Zn. **EPA 245.1 Hg.****EPA 522, EPA 537.1.****Non-Potable Water****EPA 200.7:** Al, Sb, As, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Mo, Ni, K, Se, Ag, Na, Sr, TL, Ti, V, Zn.**EPA 200.8:** Al, Sb, As, Be, Cd, Cr, Cu, Fe, Pb, Mn, Ni, K, Se, Ag, Na, TL, Zn.**EPA 245.1 Hg.****SM2340B**

For a complete listing of analytes and methods, please contact your Alpha Project Manager.

 NEW YORK CHAIN OF CUSTODY		Service Centers Mahwah, NJ 07430: 35 Whitney Rd, Suite 5 Albany, NY 12205: 14 Walker Way Tonawanda, NY 14150: 275 Cooper Ave, Suite 105		Page <u>1</u> of <u>1</u>	Date Rec'd in Lab <u>9/16/23</u>	ALPHA Job # <u>L2354250</u>								
Westborough, MA 01581 8 Walkup Dr. TEL: 508-898-9220 FAX: 508-898-9193		Mansfield, MA 02048 320 Forbes Blvd TEL: 508-822-9300 FAX: 508-822-3288		Project Information Project Name: <u>Son valley Nusey filling station</u> Project Location: <u>36-140-Croton Ossining NY</u> Project # <u>12060 Phase 8</u> (Use Project name as Project #) ☐		Deliverables ☐ ASP-A ☐ EQulS (1 File) ☐ Other	Billing Information ☒ Same as Client Info PO #							
Client Information Client: <u>950 Rtub Suite 300</u> Address: <u>3 Parsippany NJ</u> <u>SEST</u> Phone: <u>973 8089050</u> Fax: Email: <u>plonice.Nortonses.09</u>		Project Manager: <u>JAMES VANDER Vliet</u> ALPHAQuote #: Turn-Around Time: Standard ☒ Due Date: Rush (only if pre approved) ☐ # of Days:		Regulatory Requirement ☐ NY TOGS ☐ AWQ Standards ☒ NY Restricted Use ☒ NY Unrestricted Use ☐ NYC Sewer Discharge		Disposal Site Information Please identify below location of applicable disposal facilities: Disposal Facility: ☐ NJ ☐ NY ☐ Other:								
These samples have been previously analyzed by Alpha ☐				ANALYSIS		Sample Filtration ☐ Done ☐ Lab to do ☐ Lab to do (Please Specify below)								
Other project specific requirements/comments: <u>disregard time on Bottleware, use time and sample IDs on Chain</u> Please specify Metals or TAL.				ANALYSIS		Sample Filtration ☐ Done ☐ Lab to do ☐ Lab to do (Please Specify below)								
ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date Time		Sample Matrix	Sampler's Initials	VOCs + HS	Siloxanes, PCBs	Pest/Herb	Tal Metals	Total Gaseous	EPH (col 2)	Point filter + PCRA Characterization	Trace Metals + Hex Cr + pH	Total Bottles
54250-01	Comp-A1 (0-7)	9/15/23	940	S	RR									
02	Grab-A1 (0.5-1)		940			X								
03	Comp-A1 (7-14)		1040				X	X	X	X	X	X		
04	Grab-A1 (7-7.5)		1040			X								
05	Comp-A1 (14-20)		1045				X	X	X	X	X	X		
06	Grab-A1 (17-17.5)		1045			X								
07	Comp-A2 (0-7)		1500				X	X	X	X	X	X		
08	Grab-A2 (5.0-5.5)		1450			X								
09	Comp-A2 (7-19)		1455				X	X	X	X	X	X		
10	Grab-A2 (15-15.5)	✓	1455	✓	✓	X								
Preservative Code: A = None B = HCl C = HNO ₃ D = H ₂ SO ₄ E = NaOH F = MeOH G = NaHSO ₄ H = Na ₂ S ₂ O ₃ K/E = Zn Ac/NaOH O = Other		Container Code P = Plastic A = Amber Glass V = Vial G = Glass B = Bacteria Cup C = Cube O = Other E = Encore D = BOD Bottle		Westboro: Certification No: MA935 Mansfield: Certification No: MA015		Container Type Preservative		Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. BY EXECUTING THIS COC, THE CLIENT HAS READ AND AGREES TO BE BOUND BY ALPHA'S TERMS & CONDITIONS. (See reverse side.)						
Relinquished By:		Date/Time		Received By:		Date/Time								
[Signature]		9/15/23 1645		[Signature]		9/15/23 1645								
[Signature]		9/15 1828		[Signature]		9/15/23 1830								
[Signature]		9/15/23		[Signature]		9/15 2225								
[Signature]		9/16 00:40		[Signature]		9/16/23 0040								



ANALYTICAL REPORT

Lab Number:	L2354976
Client:	Soils Engineering Services, Inc. 959 Route 46E Parsippany, NJ 07054
ATTN:	James Vander Vliet
Phone:	(973) 808-9050
Project Name:	SUN VALLEY NURSERY FILLING STA
Project Number:	12060 / PHASE 8
Report Date:	09/26/23

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Certifications & Approvals: MA (M-MA086), NH NELAP (2064), CT (PH-0826), IL (200077), IN (C-MA-03), KY (KY98045), ME (MA00086), MD (348), NJ (MA935), NY (11148), NC (25700/666), OH (CL108), OR (MA-1316), PA (68-03671), RI (LAO00065), TX (T104704476), VT (VT-0935), VA (460195), USDA (Permit #525-23-122-91930).

Eight Walkup Drive, Westborough, MA 01581-1019
508-898-9220 (Fax) 508-898-9193 800-624-9220 - www.alphalab.com



Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 8

Lab Number: L2354976
Report Date: 09/26/23

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L2354976-01	COMP_B2(0-7)	SOIL	Not Specified	09/19/23 09:15	09/19/23
L2354976-02	GRAB_B2(4.5-5)	SOIL	Not Specified	09/19/23 09:15	09/19/23
L2354976-03	COMP_B2(7-14)	SOIL	Not Specified	09/19/23 09:30	09/19/23
L2354976-04	GRAB_B2(7.5-8)	SOIL	Not Specified	09/19/23 09:30	09/19/23
L2354976-05	COMP_B2(14-21)	SOIL	Not Specified	09/19/23 09:45	09/19/23
L2354976-06	GRAB_B2(15.5-16)	SOIL	Not Specified	09/19/23 09:45	09/19/23
L2354976-07	COMP_E2(0-7)	SOIL	Not Specified	09/19/23 11:45	09/19/23
L2354976-08	GRAB_E2(3.5-4)	SOIL	Not Specified	09/19/23 11:45	09/19/23
L2354976-09	COMP_E2(7-14)	SOIL	Not Specified	09/19/23 11:50	09/19/23
L2354976-10	GRAB_E2(7.5-8)	SOIL	Not Specified	09/19/23 11:50	09/19/23

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 8

Lab Number: L2354976
Report Date: 09/26/23

Case Narrative

The samples were received in accordance with the Chain of Custody and no significant deviations were encountered during the preparation or analysis unless otherwise noted. Sample Receipt, Container Information, and the Chain of Custody are located at the back of the report.

Results contained within this report relate only to the samples submitted under this Alpha Lab Number and meet NELAP requirements for all NELAP accredited parameters unless otherwise noted in the following narrative. The data presented in this report is organized by parameter (i.e. VOC, SVOC, etc.). Sample specific Quality Control data (i.e. Surrogate Spike Recovery) is reported at the end of the target analyte list for each individual sample, followed by the Laboratory Batch Quality Control at the end of each parameter. Tentatively Identified Compounds (TICs), if requested, are reported for compounds identified to be present and are not part of the method/program Target Compound List, even if only a subset of the TCL are being reported. If a sample was re-analyzed or re-extracted due to a required quality control corrective action and if both sets of data are reported, the Laboratory ID of the re-analysis or re-extraction is designated with an "R" or "RE", respectively.

When multiple Batch Quality Control elements are reported (e.g. more than one LCS), the associated samples for each element are noted in the grey shaded header line of each data table. Any Laboratory Batch, Sample Specific % recovery or RPD value that is outside the listed Acceptance Criteria is bolded in the report. In reference to questions H (CAM) or 4 (RCP) when "NO" is checked, the performance criteria for CAM and RCP methods allow for some quality control failures to occur and still be within method compliance. In these instances, the specific failure is not narrated but noted in the associated QC Outlier Summary Report, located directly after the Case Narrative. QC information is also incorporated in the Data Usability Assessment table (Format 11) of our Data Merger tool, where it can be reviewed in conjunction with the sample result, associated regulatory criteria and any associated data usability implications.

Soil/sediments, solids and tissues are reported on a dry weight basis unless otherwise noted. Definitions of all data qualifiers and acronyms used in this report are provided in the Glossary located at the back of the report.

HOLD POLICY - For samples submitted on hold, Alpha's policy is to hold samples (with the exception of Air canisters) free of charge for 21 calendar days from the date the project is completed. After 21 calendar days, we will dispose of all samples submitted including those put on hold unless you have contacted your Alpha Project Manager and made arrangements for Alpha to continue to hold the samples. Air canisters will be disposed after 3 business days from the date the project is completed.

Please contact Project Management at 800-624-9220 with any questions.

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 8

Lab Number: L2354976
Report Date: 09/26/23

Case Narrative (continued)

Report Submission

All non-detect (ND) or estimated concentrations (J-qualified) have been quantitated to the limit noted in the MDL column.

Total Metals

L2354976-01, -03, -05, -07 and -09: The sample has elevated detection limits for all elements, with the exception of mercury, due to the dilution required by the sample matrix.

Cyanide, Total

The WG1830660-2 LCS recovery for cyanide, total (77%), associated with L2354976-01, is outside our in-house acceptance criteria, but within the vendor-certified acceptance limits. The results of the original analyses are reported.

I, the undersigned, attest under the pains and penalties of perjury that, to the best of my knowledge and belief and based upon my personal inquiry of those responsible for providing the information contained in this analytical report, such information is accurate and complete. This certificate of analysis is not complete unless this page accompanies any and all pages of this report.

Authorized Signature:

Tiffani Morrissey - Tiffani Morrissey

Title: Technical Director/Representative

Date: 09/26/23

ORGANICS

VOLATILES

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 8

Lab Number: L2354976
Report Date: 09/26/23

SAMPLE RESULTS

Lab ID: L2354976-02
Client ID: GRAB_B2(4.5-5)
Sample Location: Not Specified

Date Collected: 09/19/23 09:15
Date Received: 09/19/23
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 09/22/23 20:54
Analyst: JIC
Percent Solids: 86%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	6.0	2.8	1
1,1-Dichloroethane	ND		ug/kg	1.2	0.18	1
Chloroform	ND		ug/kg	1.8	0.17	1
Carbon tetrachloride	ND		ug/kg	1.2	0.28	1
1,2-Dichloropropane	ND		ug/kg	1.2	0.15	1
Dibromochloromethane	ND		ug/kg	1.2	0.17	1
1,1,2-Trichloroethane	ND		ug/kg	1.2	0.32	1
Tetrachloroethene	ND		ug/kg	0.60	0.24	1
Chlorobenzene	ND		ug/kg	0.60	0.15	1
Trichlorofluoromethane	ND		ug/kg	4.8	0.84	1
1,2-Dichloroethane	ND		ug/kg	1.2	0.31	1
1,1,1-Trichloroethane	ND		ug/kg	0.60	0.20	1
Bromodichloromethane	ND		ug/kg	0.60	0.13	1
trans-1,3-Dichloropropene	ND		ug/kg	1.2	0.33	1
cis-1,3-Dichloropropene	ND		ug/kg	0.60	0.19	1
1,3-Dichloropropene, Total	ND		ug/kg	0.60	0.19	1
1,1-Dichloropropene	ND		ug/kg	0.60	0.19	1
Bromoform	ND		ug/kg	4.8	0.30	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.60	0.20	1
Benzene	ND		ug/kg	0.60	0.20	1
Toluene	ND		ug/kg	1.2	0.66	1
Ethylbenzene	ND		ug/kg	1.2	0.17	1
Chloromethane	ND		ug/kg	4.8	1.1	1
Bromomethane	ND		ug/kg	2.4	0.70	1
Vinyl chloride	ND		ug/kg	1.2	0.40	1
Chloroethane	ND		ug/kg	2.4	0.55	1
1,1-Dichloroethene	ND		ug/kg	1.2	0.29	1
trans-1,2-Dichloroethene	ND		ug/kg	1.8	0.16	1

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 8

Lab Number: L2354976
Report Date: 09/26/23

SAMPLE RESULTS

Lab ID: L2354976-02
Client ID: GRAB_B2(4.5-5)
Sample Location: Not Specified

Date Collected: 09/19/23 09:15
Date Received: 09/19/23
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Trichloroethene	ND		ug/kg	0.60	0.16	1
1,2-Dichlorobenzene	ND		ug/kg	2.4	0.17	1
1,3-Dichlorobenzene	ND		ug/kg	2.4	0.18	1
1,4-Dichlorobenzene	ND		ug/kg	2.4	0.21	1
Methyl tert butyl ether	ND		ug/kg	2.4	0.24	1
p/m-Xylene	ND		ug/kg	2.4	0.68	1
o-Xylene	ND		ug/kg	1.2	0.35	1
Xylenes, Total	ND		ug/kg	1.2	0.35	1
cis-1,2-Dichloroethene	ND		ug/kg	1.2	0.21	1
1,2-Dichloroethene, Total	ND		ug/kg	1.2	0.16	1
Dibromomethane	ND		ug/kg	2.4	0.29	1
Styrene	ND		ug/kg	1.2	0.24	1
Dichlorodifluoromethane	ND		ug/kg	12	1.1	1
Acetone	ND		ug/kg	12	5.8	1
Carbon disulfide	ND		ug/kg	12	5.5	1
2-Butanone	ND		ug/kg	12	2.7	1
Vinyl acetate	ND		ug/kg	12	2.6	1
4-Methyl-2-pentanone	ND		ug/kg	12	1.5	1
1,2,3-Trichloropropane	ND		ug/kg	2.4	0.15	1
2-Hexanone	ND		ug/kg	12	1.4	1
Bromochloromethane	ND		ug/kg	2.4	0.25	1
2,2-Dichloropropane	ND		ug/kg	2.4	0.24	1
1,2-Dibromoethane	ND		ug/kg	1.2	0.34	1
1,3-Dichloropropane	ND		ug/kg	2.4	0.20	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.60	0.16	1
Bromobenzene	ND		ug/kg	2.4	0.18	1
n-Butylbenzene	ND		ug/kg	1.2	0.20	1
sec-Butylbenzene	ND		ug/kg	1.2	0.18	1
tert-Butylbenzene	ND		ug/kg	2.4	0.14	1
o-Chlorotoluene	ND		ug/kg	2.4	0.23	1
p-Chlorotoluene	ND		ug/kg	2.4	0.13	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.6	1.2	1
Hexachlorobutadiene	ND		ug/kg	4.8	0.20	1
Isopropylbenzene	ND		ug/kg	1.2	0.13	1
p-Isopropyltoluene	ND		ug/kg	1.2	0.13	1
Naphthalene	ND		ug/kg	4.8	0.78	1
Acrylonitrile	ND		ug/kg	4.8	1.4	1

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 8

Lab Number: L2354976
Report Date: 09/26/23

SAMPLE RESULTS

Lab ID: L2354976-02
Client ID: GRAB_B2(4.5-5)
Sample Location: Not Specified

Date Collected: 09/19/23 09:15
Date Received: 09/19/23
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
n-Propylbenzene	ND		ug/kg	1.2	0.21	1
1,2,3-Trichlorobenzene	ND		ug/kg	2.4	0.39	1
1,2,4-Trichlorobenzene	ND		ug/kg	2.4	0.33	1
1,3,5-Trimethylbenzene	ND		ug/kg	2.4	0.23	1
1,2,4-Trimethylbenzene	ND		ug/kg	2.4	0.40	1
1,4-Dioxane	ND		ug/kg	97	42.	1
p-Diethylbenzene	ND		ug/kg	2.4	0.21	1
p-Ethyltoluene	ND		ug/kg	2.4	0.46	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	2.4	0.23	1
Ethyl ether	ND		ug/kg	2.4	0.41	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	6.0	1.7	1

Tentatively Identified Compounds

No Tentatively Identified Compounds ND ug/kg 1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	103		70-130
Toluene-d8	94		70-130
4-Bromofluorobenzene	97		70-130
Dibromofluoromethane	102		70-130

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 8

Lab Number: L2354976
Report Date: 09/26/23

SAMPLE RESULTS

Lab ID: L2354976-04
Client ID: GRAB_B2(7.5-8)
Sample Location: Not Specified

Date Collected: 09/19/23 09:30
Date Received: 09/19/23
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 09/23/23 21:10
Analyst: AJK
Percent Solids: 88%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	4.5	2.0	1
1,1-Dichloroethane	ND		ug/kg	0.90	0.13	1
Chloroform	ND		ug/kg	1.3	0.12	1
Carbon tetrachloride	ND		ug/kg	0.90	0.21	1
1,2-Dichloropropane	ND		ug/kg	0.90	0.11	1
Dibromochloromethane	ND		ug/kg	0.90	0.12	1
1,1,2-Trichloroethane	ND		ug/kg	0.90	0.24	1
Tetrachloroethene	ND		ug/kg	0.45	0.18	1
Chlorobenzene	ND		ug/kg	0.45	0.11	1
Trichlorofluoromethane	ND		ug/kg	3.6	0.62	1
1,2-Dichloroethane	ND		ug/kg	0.90	0.23	1
1,1,1-Trichloroethane	ND		ug/kg	0.45	0.15	1
Bromodichloromethane	ND		ug/kg	0.45	0.10	1
trans-1,3-Dichloropropene	ND		ug/kg	0.90	0.24	1
cis-1,3-Dichloropropene	ND		ug/kg	0.45	0.14	1
1,3-Dichloropropene, Total	ND		ug/kg	0.45	0.14	1
1,1-Dichloropropene	ND		ug/kg	0.45	0.14	1
Bromoform	ND		ug/kg	3.6	0.22	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.45	0.15	1
Benzene	0.53		ug/kg	0.45	0.15	1
Toluene	ND		ug/kg	0.90	0.49	1
Ethylbenzene	ND		ug/kg	0.90	0.13	1
Chloromethane	ND		ug/kg	3.6	0.84	1
Bromomethane	ND		ug/kg	1.8	0.52	1
Vinyl chloride	ND		ug/kg	0.90	0.30	1
Chloroethane	ND		ug/kg	1.8	0.40	1
1,1-Dichloroethene	ND		ug/kg	0.90	0.21	1
trans-1,2-Dichloroethene	ND		ug/kg	1.3	0.12	1

Project Name: SUN VALLEY NURSERY FILLING STA**Lab Number:** L2354976**Project Number:** 12060 / PHASE 8**Report Date:** 09/26/23**SAMPLE RESULTS**

Lab ID: L2354976-04
 Client ID: GRAB_B2(7.5-8)
 Sample Location: Not Specified

Date Collected: 09/19/23 09:30
 Date Received: 09/19/23
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Trichloroethene	ND		ug/kg	0.45	0.12	1
1,2-Dichlorobenzene	ND		ug/kg	1.8	0.13	1
1,3-Dichlorobenzene	ND		ug/kg	1.8	0.13	1
1,4-Dichlorobenzene	ND		ug/kg	1.8	0.15	1
Methyl tert butyl ether	ND		ug/kg	1.8	0.18	1
p/m-Xylene	ND		ug/kg	1.8	0.50	1
o-Xylene	ND		ug/kg	0.90	0.26	1
Xylenes, Total	ND		ug/kg	0.90	0.26	1
cis-1,2-Dichloroethene	ND		ug/kg	0.90	0.16	1
1,2-Dichloroethene, Total	ND		ug/kg	0.90	0.12	1
Dibromomethane	ND		ug/kg	1.8	0.21	1
Styrene	ND		ug/kg	0.90	0.18	1
Dichlorodifluoromethane	ND		ug/kg	9.0	0.82	1
Acetone	23		ug/kg	9.0	4.3	1
Carbon disulfide	ND		ug/kg	9.0	4.1	1
2-Butanone	2.3	J	ug/kg	9.0	2.0	1
Vinyl acetate	ND		ug/kg	9.0	1.9	1
4-Methyl-2-pentanone	ND		ug/kg	9.0	1.1	1
1,2,3-Trichloropropane	ND		ug/kg	1.8	0.11	1
2-Hexanone	ND		ug/kg	9.0	1.0	1
Bromochloromethane	ND		ug/kg	1.8	0.18	1
2,2-Dichloropropane	ND		ug/kg	1.8	0.18	1
1,2-Dibromoethane	ND		ug/kg	0.90	0.25	1
1,3-Dichloropropane	ND		ug/kg	1.8	0.15	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.45	0.12	1
Bromobenzene	ND		ug/kg	1.8	0.13	1
n-Butylbenzene	ND		ug/kg	0.90	0.15	1
sec-Butylbenzene	ND		ug/kg	0.90	0.13	1
tert-Butylbenzene	ND		ug/kg	1.8	0.10	1
o-Chlorotoluene	ND		ug/kg	1.8	0.17	1
p-Chlorotoluene	ND		ug/kg	1.8	0.10	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	2.7	0.90	1
Hexachlorobutadiene	ND		ug/kg	3.6	0.15	1
Isopropylbenzene	ND		ug/kg	0.90	0.10	1
p-Isopropyltoluene	ND		ug/kg	0.90	0.10	1
Naphthalene	ND		ug/kg	3.6	0.58	1
Acrylonitrile	ND		ug/kg	3.6	1.0	1

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 8

Lab Number: L2354976
Report Date: 09/26/23

SAMPLE RESULTS

Lab ID: L2354976-04
Client ID: GRAB_B2(7.5-8)
Sample Location: Not Specified

Date Collected: 09/19/23 09:30
Date Received: 09/19/23
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
n-Propylbenzene	0.21	J	ug/kg	0.90	0.15	1
1,2,3-Trichlorobenzene	ND		ug/kg	1.8	0.29	1
1,2,4-Trichlorobenzene	ND		ug/kg	1.8	0.24	1
1,3,5-Trimethylbenzene	ND		ug/kg	1.8	0.17	1
1,2,4-Trimethylbenzene	ND		ug/kg	1.8	0.30	1
1,4-Dioxane	ND		ug/kg	72	31.	1
p-Diethylbenzene	ND		ug/kg	1.8	0.16	1
p-Ethyltoluene	ND		ug/kg	1.8	0.34	1
1,2,4,5-Tetramethylbenzene	0.20	J	ug/kg	1.8	0.17	1
Ethyl ether	ND		ug/kg	1.8	0.31	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	4.5	1.3	1

Tentatively Identified Compounds

No Tentatively Identified Compounds ND ug/kg 1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	91		70-130
Toluene-d8	95		70-130
4-Bromofluorobenzene	93		70-130
Dibromofluoromethane	96		70-130

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 8

Lab Number: L2354976
Report Date: 09/26/23

SAMPLE RESULTS

Lab ID: L2354976-06
Client ID: GRAB_B2(15.5-16)
Sample Location: Not Specified

Date Collected: 09/19/23 09:45
Date Received: 09/19/23
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 09/23/23 21:36
Analyst: AJK
Percent Solids: 90%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	5.0	2.3	1
1,1-Dichloroethane	ND		ug/kg	1.0	0.14	1
Chloroform	ND		ug/kg	1.5	0.14	1
Carbon tetrachloride	ND		ug/kg	1.0	0.23	1
1,2-Dichloropropane	ND		ug/kg	1.0	0.12	1
Dibromochloromethane	ND		ug/kg	1.0	0.14	1
1,1,2-Trichloroethane	ND		ug/kg	1.0	0.27	1
Tetrachloroethene	ND		ug/kg	0.50	0.20	1
Chlorobenzene	ND		ug/kg	0.50	0.13	1
Trichlorofluoromethane	ND		ug/kg	4.0	0.70	1
1,2-Dichloroethane	ND		ug/kg	1.0	0.26	1
1,1,1-Trichloroethane	ND		ug/kg	0.50	0.17	1
Bromodichloromethane	ND		ug/kg	0.50	0.11	1
trans-1,3-Dichloropropene	ND		ug/kg	1.0	0.27	1
cis-1,3-Dichloropropene	ND		ug/kg	0.50	0.16	1
1,3-Dichloropropene, Total	ND		ug/kg	0.50	0.16	1
1,1-Dichloropropene	ND		ug/kg	0.50	0.16	1
Bromoform	ND		ug/kg	4.0	0.25	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.50	0.17	1
Benzene	ND		ug/kg	0.50	0.17	1
Toluene	ND		ug/kg	1.0	0.54	1
Ethylbenzene	ND		ug/kg	1.0	0.14	1
Chloromethane	ND		ug/kg	4.0	0.94	1
Bromomethane	ND		ug/kg	2.0	0.58	1
Vinyl chloride	ND		ug/kg	1.0	0.34	1
Chloroethane	ND		ug/kg	2.0	0.45	1
1,1-Dichloroethene	ND		ug/kg	1.0	0.24	1
trans-1,2-Dichloroethene	ND		ug/kg	1.5	0.14	1

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 8

Lab Number: L2354976
Report Date: 09/26/23

SAMPLE RESULTS

Lab ID: L2354976-06
Client ID: GRAB_B2(15.5-16)
Sample Location: Not Specified

Date Collected: 09/19/23 09:45
Date Received: 09/19/23
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Trichloroethene	ND		ug/kg	0.50	0.14	1
1,2-Dichlorobenzene	ND		ug/kg	2.0	0.14	1
1,3-Dichlorobenzene	ND		ug/kg	2.0	0.15	1
1,4-Dichlorobenzene	ND		ug/kg	2.0	0.17	1
Methyl tert butyl ether	ND		ug/kg	2.0	0.20	1
p/m-Xylene	ND		ug/kg	2.0	0.56	1
o-Xylene	ND		ug/kg	1.0	0.29	1
Xylenes, Total	ND		ug/kg	1.0	0.29	1
cis-1,2-Dichloroethene	ND		ug/kg	1.0	0.18	1
1,2-Dichloroethene, Total	ND		ug/kg	1.0	0.14	1
Dibromomethane	ND		ug/kg	2.0	0.24	1
Styrene	ND		ug/kg	1.0	0.20	1
Dichlorodifluoromethane	ND		ug/kg	10	0.92	1
Acetone	11		ug/kg	10	4.8	1
Carbon disulfide	ND		ug/kg	10	4.6	1
2-Butanone	ND		ug/kg	10	2.2	1
Vinyl acetate	ND		ug/kg	10	2.2	1
4-Methyl-2-pentanone	ND		ug/kg	10	1.3	1
1,2,3-Trichloropropane	ND		ug/kg	2.0	0.13	1
2-Hexanone	ND		ug/kg	10	1.2	1
Bromochloromethane	ND		ug/kg	2.0	0.20	1
2,2-Dichloropropane	ND		ug/kg	2.0	0.20	1
1,2-Dibromoethane	ND		ug/kg	1.0	0.28	1
1,3-Dichloropropane	ND		ug/kg	2.0	0.17	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.50	0.13	1
Bromobenzene	ND		ug/kg	2.0	0.14	1
n-Butylbenzene	ND		ug/kg	1.0	0.17	1
sec-Butylbenzene	ND		ug/kg	1.0	0.15	1
tert-Butylbenzene	ND		ug/kg	2.0	0.12	1
o-Chlorotoluene	ND		ug/kg	2.0	0.19	1
p-Chlorotoluene	ND		ug/kg	2.0	0.11	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.0	1.0	1
Hexachlorobutadiene	ND		ug/kg	4.0	0.17	1
Isopropylbenzene	ND		ug/kg	1.0	0.11	1
p-Isopropyltoluene	ND		ug/kg	1.0	0.11	1
Naphthalene	ND		ug/kg	4.0	0.65	1
Acrylonitrile	ND		ug/kg	4.0	1.2	1

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 8

Lab Number: L2354976
Report Date: 09/26/23

SAMPLE RESULTS

Lab ID: L2354976-06
Client ID: GRAB_B2(15.5-16)
Sample Location: Not Specified

Date Collected: 09/19/23 09:45
Date Received: 09/19/23
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
n-Propylbenzene	ND		ug/kg	1.0	0.17	1
1,2,3-Trichlorobenzene	ND		ug/kg	2.0	0.32	1
1,2,4-Trichlorobenzene	ND		ug/kg	2.0	0.27	1
1,3,5-Trimethylbenzene	ND		ug/kg	2.0	0.19	1
1,2,4-Trimethylbenzene	ND		ug/kg	2.0	0.34	1
1,4-Dioxane	ND		ug/kg	80	35.	1
p-Diethylbenzene	ND		ug/kg	2.0	0.18	1
p-Ethyltoluene	ND		ug/kg	2.0	0.38	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	2.0	0.19	1
Ethyl ether	ND		ug/kg	2.0	0.34	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	5.0	1.4	1

Tentatively Identified Compounds

No Tentatively Identified Compounds ND ug/kg 1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	89		70-130
Toluene-d8	94		70-130
4-Bromofluorobenzene	95		70-130
Dibromofluoromethane	96		70-130

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 8

Lab Number: L2354976
Report Date: 09/26/23

SAMPLE RESULTS

Lab ID: L2354976-08
Client ID: GRAB_E2(3.5-4)
Sample Location: Not Specified

Date Collected: 09/19/23 11:45
Date Received: 09/19/23
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 09/23/23 22:02
Analyst: AJK
Percent Solids: 89%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	6.0	2.7	1
1,1-Dichloroethane	ND		ug/kg	1.2	0.17	1
Chloroform	ND		ug/kg	1.8	0.17	1
Carbon tetrachloride	ND		ug/kg	1.2	0.28	1
1,2-Dichloropropane	ND		ug/kg	1.2	0.15	1
Dibromochloromethane	ND		ug/kg	1.2	0.17	1
1,1,2-Trichloroethane	ND		ug/kg	1.2	0.32	1
Tetrachloroethene	ND		ug/kg	0.60	0.23	1
Chlorobenzene	ND		ug/kg	0.60	0.15	1
Trichlorofluoromethane	ND		ug/kg	4.8	0.83	1
1,2-Dichloroethane	ND		ug/kg	1.2	0.31	1
1,1,1-Trichloroethane	ND		ug/kg	0.60	0.20	1
Bromodichloromethane	ND		ug/kg	0.60	0.13	1
trans-1,3-Dichloropropene	ND		ug/kg	1.2	0.33	1
cis-1,3-Dichloropropene	ND		ug/kg	0.60	0.19	1
1,3-Dichloropropene, Total	ND		ug/kg	0.60	0.19	1
1,1-Dichloropropene	ND		ug/kg	0.60	0.19	1
Bromoform	ND		ug/kg	4.8	0.29	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.60	0.20	1
Benzene	ND		ug/kg	0.60	0.20	1
Toluene	ND		ug/kg	1.2	0.65	1
Ethylbenzene	ND		ug/kg	1.2	0.17	1
Chloromethane	ND		ug/kg	4.8	1.1	1
Bromomethane	ND		ug/kg	2.4	0.70	1
Vinyl chloride	ND		ug/kg	1.2	0.40	1
Chloroethane	ND		ug/kg	2.4	0.54	1
1,1-Dichloroethene	ND		ug/kg	1.2	0.28	1
trans-1,2-Dichloroethene	ND		ug/kg	1.8	0.16	1

Project Name: SUN VALLEY NURSERY FILLING STA**Lab Number:** L2354976**Project Number:** 12060 / PHASE 8**Report Date:** 09/26/23**SAMPLE RESULTS**

Lab ID: L2354976-08
 Client ID: GRAB_E2(3.5-4)
 Sample Location: Not Specified

Date Collected: 09/19/23 11:45
 Date Received: 09/19/23
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Trichloroethene	ND		ug/kg	0.60	0.16	1
1,2-Dichlorobenzene	ND		ug/kg	2.4	0.17	1
1,3-Dichlorobenzene	ND		ug/kg	2.4	0.18	1
1,4-Dichlorobenzene	ND		ug/kg	2.4	0.20	1
Methyl tert butyl ether	ND		ug/kg	2.4	0.24	1
p/m-Xylene	ND		ug/kg	2.4	0.67	1
o-Xylene	ND		ug/kg	1.2	0.35	1
Xylenes, Total	ND		ug/kg	1.2	0.35	1
cis-1,2-Dichloroethene	ND		ug/kg	1.2	0.21	1
1,2-Dichloroethene, Total	ND		ug/kg	1.2	0.16	1
Dibromomethane	ND		ug/kg	2.4	0.28	1
Styrene	ND		ug/kg	1.2	0.23	1
Dichlorodifluoromethane	ND		ug/kg	12	1.1	1
Acetone	ND		ug/kg	12	5.8	1
Carbon disulfide	ND		ug/kg	12	5.4	1
2-Butanone	ND		ug/kg	12	2.6	1
Vinyl acetate	ND		ug/kg	12	2.6	1
4-Methyl-2-pentanone	ND		ug/kg	12	1.5	1
1,2,3-Trichloropropane	ND		ug/kg	2.4	0.15	1
2-Hexanone	ND		ug/kg	12	1.4	1
Bromochloromethane	ND		ug/kg	2.4	0.24	1
2,2-Dichloropropane	ND		ug/kg	2.4	0.24	1
1,2-Dibromoethane	ND		ug/kg	1.2	0.33	1
1,3-Dichloropropane	ND		ug/kg	2.4	0.20	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.60	0.16	1
Bromobenzene	ND		ug/kg	2.4	0.17	1
n-Butylbenzene	ND		ug/kg	1.2	0.20	1
sec-Butylbenzene	ND		ug/kg	1.2	0.17	1
tert-Butylbenzene	ND		ug/kg	2.4	0.14	1
o-Chlorotoluene	ND		ug/kg	2.4	0.23	1
p-Chlorotoluene	ND		ug/kg	2.4	0.13	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.6	1.2	1
Hexachlorobutadiene	ND		ug/kg	4.8	0.20	1
Isopropylbenzene	ND		ug/kg	1.2	0.13	1
p-Isopropyltoluene	ND		ug/kg	1.2	0.13	1
Naphthalene	ND		ug/kg	4.8	0.78	1
Acrylonitrile	ND		ug/kg	4.8	1.4	1

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 8

Lab Number: L2354976
Report Date: 09/26/23

SAMPLE RESULTS

Lab ID: L2354976-08
Client ID: GRAB_E2(3.5-4)
Sample Location: Not Specified

Date Collected: 09/19/23 11:45
Date Received: 09/19/23
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
n-Propylbenzene	ND		ug/kg	1.2	0.20	1
1,2,3-Trichlorobenzene	ND		ug/kg	2.4	0.38	1
1,2,4-Trichlorobenzene	ND		ug/kg	2.4	0.32	1
1,3,5-Trimethylbenzene	ND		ug/kg	2.4	0.23	1
1,2,4-Trimethylbenzene	ND		ug/kg	2.4	0.40	1
1,4-Dioxane	ND		ug/kg	96	42.	1
p-Diethylbenzene	ND		ug/kg	2.4	0.21	1
p-Ethyltoluene	ND		ug/kg	2.4	0.46	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	2.4	0.23	1
Ethyl ether	ND		ug/kg	2.4	0.41	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	6.0	1.7	1

Tentatively Identified Compounds

Total TIC Compounds	2.48	J	ug/kg	1
Unknown	2.48	J	ug/kg	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	90		70-130
Toluene-d8	94		70-130
4-Bromofluorobenzene	104		70-130
Dibromofluoromethane	96		70-130

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 8

Lab Number: L2354976
Report Date: 09/26/23

SAMPLE RESULTS

Lab ID: L2354976-10
Client ID: GRAB_E2(7.5-8)
Sample Location: Not Specified

Date Collected: 09/19/23 11:50
Date Received: 09/19/23
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 09/23/23 22:28
Analyst: AJK
Percent Solids: 89%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	6.0	2.8	1
1,1-Dichloroethane	ND		ug/kg	1.2	0.18	1
Chloroform	ND		ug/kg	1.8	0.17	1
Carbon tetrachloride	ND		ug/kg	1.2	0.28	1
1,2-Dichloropropane	ND		ug/kg	1.2	0.15	1
Dibromochloromethane	ND		ug/kg	1.2	0.17	1
1,1,2-Trichloroethane	ND		ug/kg	1.2	0.32	1
Tetrachloroethene	ND		ug/kg	0.60	0.24	1
Chlorobenzene	ND		ug/kg	0.60	0.15	1
Trichlorofluoromethane	ND		ug/kg	4.8	0.84	1
1,2-Dichloroethane	ND		ug/kg	1.2	0.31	1
1,1,1-Trichloroethane	ND		ug/kg	0.60	0.20	1
Bromodichloromethane	ND		ug/kg	0.60	0.13	1
trans-1,3-Dichloropropene	ND		ug/kg	1.2	0.33	1
cis-1,3-Dichloropropene	ND		ug/kg	0.60	0.19	1
1,3-Dichloropropene, Total	ND		ug/kg	0.60	0.19	1
1,1-Dichloropropene	ND		ug/kg	0.60	0.19	1
Bromoform	ND		ug/kg	4.8	0.30	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.60	0.20	1
Benzene	ND		ug/kg	0.60	0.20	1
Toluene	ND		ug/kg	1.2	0.66	1
Ethylbenzene	ND		ug/kg	1.2	0.17	1
Chloromethane	ND		ug/kg	4.8	1.1	1
Bromomethane	ND		ug/kg	2.4	0.70	1
Vinyl chloride	ND		ug/kg	1.2	0.40	1
Chloroethane	ND		ug/kg	2.4	0.55	1
1,1-Dichloroethene	ND		ug/kg	1.2	0.29	1
trans-1,2-Dichloroethene	ND		ug/kg	1.8	0.16	1

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 8

Lab Number: L2354976
Report Date: 09/26/23

SAMPLE RESULTS

Lab ID: L2354976-10
Client ID: GRAB_E2(7.5-8)
Sample Location: Not Specified

Date Collected: 09/19/23 11:50
Date Received: 09/19/23
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Trichloroethene	ND		ug/kg	0.60	0.16	1
1,2-Dichlorobenzene	ND		ug/kg	2.4	0.17	1
1,3-Dichlorobenzene	ND		ug/kg	2.4	0.18	1
1,4-Dichlorobenzene	ND		ug/kg	2.4	0.21	1
Methyl tert butyl ether	ND		ug/kg	2.4	0.24	1
p/m-Xylene	ND		ug/kg	2.4	0.68	1
o-Xylene	ND		ug/kg	1.2	0.35	1
Xylenes, Total	ND		ug/kg	1.2	0.35	1
cis-1,2-Dichloroethene	ND		ug/kg	1.2	0.21	1
1,2-Dichloroethene, Total	ND		ug/kg	1.2	0.16	1
Dibromomethane	ND		ug/kg	2.4	0.29	1
Styrene	ND		ug/kg	1.2	0.24	1
Dichlorodifluoromethane	ND		ug/kg	12	1.1	1
Acetone	ND		ug/kg	12	5.8	1
Carbon disulfide	ND		ug/kg	12	5.5	1
2-Butanone	ND		ug/kg	12	2.7	1
Vinyl acetate	ND		ug/kg	12	2.6	1
4-Methyl-2-pentanone	ND		ug/kg	12	1.5	1
1,2,3-Trichloropropane	ND		ug/kg	2.4	0.15	1
2-Hexanone	ND		ug/kg	12	1.4	1
Bromochloromethane	ND		ug/kg	2.4	0.25	1
2,2-Dichloropropane	ND		ug/kg	2.4	0.24	1
1,2-Dibromoethane	ND		ug/kg	1.2	0.34	1
1,3-Dichloropropane	ND		ug/kg	2.4	0.20	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.60	0.16	1
Bromobenzene	ND		ug/kg	2.4	0.18	1
n-Butylbenzene	ND		ug/kg	1.2	0.20	1
sec-Butylbenzene	ND		ug/kg	1.2	0.18	1
tert-Butylbenzene	ND		ug/kg	2.4	0.14	1
o-Chlorotoluene	ND		ug/kg	2.4	0.23	1
p-Chlorotoluene	ND		ug/kg	2.4	0.13	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.6	1.2	1
Hexachlorobutadiene	ND		ug/kg	4.8	0.20	1
Isopropylbenzene	ND		ug/kg	1.2	0.13	1
p-Isopropyltoluene	ND		ug/kg	1.2	0.13	1
Naphthalene	ND		ug/kg	4.8	0.78	1
Acrylonitrile	ND		ug/kg	4.8	1.4	1

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 8

Lab Number: L2354976
Report Date: 09/26/23

SAMPLE RESULTS

Lab ID: L2354976-10
Client ID: GRAB_E2(7.5-8)
Sample Location: Not Specified

Date Collected: 09/19/23 11:50
Date Received: 09/19/23
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
n-Propylbenzene	ND		ug/kg	1.2	0.21	1
1,2,3-Trichlorobenzene	ND		ug/kg	2.4	0.39	1
1,2,4-Trichlorobenzene	ND		ug/kg	2.4	0.33	1
1,3,5-Trimethylbenzene	ND		ug/kg	2.4	0.23	1
1,2,4-Trimethylbenzene	ND		ug/kg	2.4	0.40	1
1,4-Dioxane	ND		ug/kg	97	42.	1
p-Diethylbenzene	ND		ug/kg	2.4	0.21	1
p-Ethyltoluene	ND		ug/kg	2.4	0.46	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	2.4	0.23	1
Ethyl ether	ND		ug/kg	2.4	0.41	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	6.0	1.7	1

Tentatively Identified Compounds

No Tentatively Identified Compounds ND ug/kg 1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	93		70-130
Toluene-d8	94		70-130
4-Bromofluorobenzene	96		70-130
Dibromofluoromethane	97		70-130

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 8

Lab Number: L2354976
Report Date: 09/26/23

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8260D
 Analytical Date: 09/22/23 13:05
 Analyst: LAC

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 02 Batch: WG1831508-5					
Methylene chloride	ND		ug/kg	5.0	2.3
1,1-Dichloroethane	ND		ug/kg	1.0	0.14
Chloroform	ND		ug/kg	1.5	0.14
Carbon tetrachloride	ND		ug/kg	1.0	0.23
1,2-Dichloropropane	ND		ug/kg	1.0	0.12
Dibromochloromethane	ND		ug/kg	1.0	0.14
1,1,2-Trichloroethane	ND		ug/kg	1.0	0.27
Tetrachloroethene	ND		ug/kg	0.50	0.20
Chlorobenzene	ND		ug/kg	0.50	0.13
Trichlorofluoromethane	ND		ug/kg	4.0	0.70
1,2-Dichloroethane	ND		ug/kg	1.0	0.26
1,1,1-Trichloroethane	ND		ug/kg	0.50	0.17
Bromodichloromethane	ND		ug/kg	0.50	0.11
trans-1,3-Dichloropropene	ND		ug/kg	1.0	0.27
cis-1,3-Dichloropropene	ND		ug/kg	0.50	0.16
1,3-Dichloropropene, Total	ND		ug/kg	0.50	0.16
1,1-Dichloropropene	ND		ug/kg	0.50	0.16
Bromoform	ND		ug/kg	4.0	0.25
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.50	0.17
Benzene	ND		ug/kg	0.50	0.17
Toluene	ND		ug/kg	1.0	0.54
Ethylbenzene	ND		ug/kg	1.0	0.14
Chloromethane	ND		ug/kg	4.0	0.93
Bromomethane	ND		ug/kg	2.0	0.58
Vinyl chloride	ND		ug/kg	1.0	0.34
Chloroethane	ND		ug/kg	2.0	0.45
1,1-Dichloroethene	ND		ug/kg	1.0	0.24
trans-1,2-Dichloroethene	ND		ug/kg	1.5	0.14
Trichloroethene	ND		ug/kg	0.50	0.14

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 8

Lab Number: L2354976
Report Date: 09/26/23

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8260D
 Analytical Date: 09/22/23 13:05
 Analyst: LAC

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 02 Batch: WG1831508-5					
1,2-Dichlorobenzene	ND		ug/kg	2.0	0.14
1,3-Dichlorobenzene	ND		ug/kg	2.0	0.15
1,4-Dichlorobenzene	ND		ug/kg	2.0	0.17
Methyl tert butyl ether	ND		ug/kg	2.0	0.20
p/m-Xylene	ND		ug/kg	2.0	0.56
o-Xylene	ND		ug/kg	1.0	0.29
Xylenes, Total	ND		ug/kg	1.0	0.29
cis-1,2-Dichloroethene	ND		ug/kg	1.0	0.18
1,2-Dichloroethene, Total	ND		ug/kg	1.0	0.14
Dibromomethane	ND		ug/kg	2.0	0.24
Styrene	ND		ug/kg	1.0	0.20
Dichlorodifluoromethane	ND		ug/kg	10	0.92
Acetone	ND		ug/kg	10	4.8
Carbon disulfide	ND		ug/kg	10	4.6
2-Butanone	ND		ug/kg	10	2.2
Vinyl acetate	ND		ug/kg	10	2.2
4-Methyl-2-pentanone	ND		ug/kg	10	1.3
1,2,3-Trichloropropane	ND		ug/kg	2.0	0.13
2-Hexanone	ND		ug/kg	10	1.2
Bromochloromethane	ND		ug/kg	2.0	0.20
2,2-Dichloropropane	ND		ug/kg	2.0	0.20
1,2-Dibromoethane	ND		ug/kg	1.0	0.28
1,3-Dichloropropane	ND		ug/kg	2.0	0.17
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.50	0.13
Bromobenzene	ND		ug/kg	2.0	0.14
n-Butylbenzene	ND		ug/kg	1.0	0.17
sec-Butylbenzene	ND		ug/kg	1.0	0.15
tert-Butylbenzene	ND		ug/kg	2.0	0.12
o-Chlorotoluene	ND		ug/kg	2.0	0.19

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 8

Lab Number: L2354976
Report Date: 09/26/23

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8260D
 Analytical Date: 09/22/23 13:05
 Analyst: LAC

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 02 Batch: WG1831508-5					
p-Chlorotoluene	ND		ug/kg	2.0	0.11
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.0	1.0
Hexachlorobutadiene	ND		ug/kg	4.0	0.17
Isopropylbenzene	ND		ug/kg	1.0	0.11
p-Isopropyltoluene	ND		ug/kg	1.0	0.11
Naphthalene	ND		ug/kg	4.0	0.65
Acrylonitrile	ND		ug/kg	4.0	1.2
n-Propylbenzene	ND		ug/kg	1.0	0.17
1,2,3-Trichlorobenzene	ND		ug/kg	2.0	0.32
1,2,4-Trichlorobenzene	ND		ug/kg	2.0	0.27
1,3,5-Trimethylbenzene	ND		ug/kg	2.0	0.19
1,2,4-Trimethylbenzene	ND		ug/kg	2.0	0.33
1,4-Dioxane	ND		ug/kg	80	35.
p-Diethylbenzene	ND		ug/kg	2.0	0.18
p-Ethyltoluene	ND		ug/kg	2.0	0.38
1,2,4,5-Tetramethylbenzene	ND		ug/kg	2.0	0.19
Ethyl ether	ND		ug/kg	2.0	0.34
trans-1,4-Dichloro-2-butene	ND		ug/kg	5.0	1.4

Tentatively Identified Compounds

Total TIC Compounds	7.53	J	ug/kg
Unknown	2.23	J	ug/kg
Cyclotrisiloxane, Hexamethyl-	5.30	NJ	ug/kg

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 8

Lab Number: L2354976
Report Date: 09/26/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 09/22/23 13:05
Analyst: LAC

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 02 Batch: WG1831508-5					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	98		70-130
Toluene-d8	95		70-130
4-Bromofluorobenzene	99		70-130
Dibromofluoromethane	94		70-130

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 8

Lab Number: L2354976
Report Date: 09/26/23

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8260D
 Analytical Date: 09/23/23 14:40
 Analyst: LAC

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 04,06,08,10 Batch: WG1831703-5					
Methylene chloride	ND		ug/kg	5.0	2.3
1,1-Dichloroethane	ND		ug/kg	1.0	0.14
Chloroform	ND		ug/kg	1.5	0.14
Carbon tetrachloride	ND		ug/kg	1.0	0.23
1,2-Dichloropropane	ND		ug/kg	1.0	0.12
Dibromochloromethane	ND		ug/kg	1.0	0.14
1,1,2-Trichloroethane	ND		ug/kg	1.0	0.27
Tetrachloroethene	ND		ug/kg	0.50	0.20
Chlorobenzene	ND		ug/kg	0.50	0.13
Trichlorofluoromethane	ND		ug/kg	4.0	0.70
1,2-Dichloroethane	ND		ug/kg	1.0	0.26
1,1,1-Trichloroethane	ND		ug/kg	0.50	0.17
Bromodichloromethane	ND		ug/kg	0.50	0.11
trans-1,3-Dichloropropene	ND		ug/kg	1.0	0.27
cis-1,3-Dichloropropene	ND		ug/kg	0.50	0.16
1,3-Dichloropropene, Total	ND		ug/kg	0.50	0.16
1,1-Dichloropropene	ND		ug/kg	0.50	0.16
Bromoform	ND		ug/kg	4.0	0.25
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.50	0.17
Benzene	ND		ug/kg	0.50	0.17
Toluene	ND		ug/kg	1.0	0.54
Ethylbenzene	ND		ug/kg	1.0	0.14
Chloromethane	ND		ug/kg	4.0	0.93
Bromomethane	ND		ug/kg	2.0	0.58
Vinyl chloride	ND		ug/kg	1.0	0.34
Chloroethane	ND		ug/kg	2.0	0.45
1,1-Dichloroethene	ND		ug/kg	1.0	0.24
trans-1,2-Dichloroethene	ND		ug/kg	1.5	0.14
Trichloroethene	ND		ug/kg	0.50	0.14

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 8

Lab Number: L2354976
Report Date: 09/26/23

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8260D
 Analytical Date: 09/23/23 14:40
 Analyst: LAC

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 04,06,08,10 Batch: WG1831703-5					
1,2-Dichlorobenzene	ND		ug/kg	2.0	0.14
1,3-Dichlorobenzene	ND		ug/kg	2.0	0.15
1,4-Dichlorobenzene	ND		ug/kg	2.0	0.17
Methyl tert butyl ether	ND		ug/kg	2.0	0.20
p/m-Xylene	ND		ug/kg	2.0	0.56
o-Xylene	ND		ug/kg	1.0	0.29
Xylenes, Total	ND		ug/kg	1.0	0.29
cis-1,2-Dichloroethene	ND		ug/kg	1.0	0.18
1,2-Dichloroethene, Total	ND		ug/kg	1.0	0.14
Dibromomethane	ND		ug/kg	2.0	0.24
Styrene	ND		ug/kg	1.0	0.20
Dichlorodifluoromethane	ND		ug/kg	10	0.92
Acetone	ND		ug/kg	10	4.8
Carbon disulfide	ND		ug/kg	10	4.6
2-Butanone	ND		ug/kg	10	2.2
Vinyl acetate	ND		ug/kg	10	2.2
4-Methyl-2-pentanone	ND		ug/kg	10	1.3
1,2,3-Trichloropropane	ND		ug/kg	2.0	0.13
2-Hexanone	ND		ug/kg	10	1.2
Bromochloromethane	ND		ug/kg	2.0	0.20
2,2-Dichloropropane	ND		ug/kg	2.0	0.20
1,2-Dibromoethane	ND		ug/kg	1.0	0.28
1,3-Dichloropropane	ND		ug/kg	2.0	0.17
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.50	0.13
Bromobenzene	ND		ug/kg	2.0	0.14
n-Butylbenzene	ND		ug/kg	1.0	0.17
sec-Butylbenzene	ND		ug/kg	1.0	0.15
tert-Butylbenzene	ND		ug/kg	2.0	0.12
o-Chlorotoluene	ND		ug/kg	2.0	0.19

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 8

Lab Number: L2354976
Report Date: 09/26/23

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8260D
 Analytical Date: 09/23/23 14:40
 Analyst: LAC

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 04,06,08,10 Batch: WG1831703-5					
p-Chlorotoluene	ND		ug/kg	2.0	0.11
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.0	1.0
Hexachlorobutadiene	ND		ug/kg	4.0	0.17
Isopropylbenzene	ND		ug/kg	1.0	0.11
p-Isopropyltoluene	ND		ug/kg	1.0	0.11
Naphthalene	ND		ug/kg	4.0	0.65
Acrylonitrile	ND		ug/kg	4.0	1.2
n-Propylbenzene	ND		ug/kg	1.0	0.17
1,2,3-Trichlorobenzene	ND		ug/kg	2.0	0.32
1,2,4-Trichlorobenzene	ND		ug/kg	2.0	0.27
1,3,5-Trimethylbenzene	ND		ug/kg	2.0	0.19
1,2,4-Trimethylbenzene	ND		ug/kg	2.0	0.33
1,4-Dioxane	ND		ug/kg	80	35.
p-Diethylbenzene	ND		ug/kg	2.0	0.18
p-Ethyltoluene	ND		ug/kg	2.0	0.38
1,2,4,5-Tetramethylbenzene	ND		ug/kg	2.0	0.19
Ethyl ether	ND		ug/kg	2.0	0.34
trans-1,4-Dichloro-2-butene	ND		ug/kg	5.0	1.4

Tentatively Identified Compounds

Total TIC Compounds	2.32	J	ug/kg
Unknown	2.32	J	ug/kg

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 8

Lab Number: L2354976
Report Date: 09/26/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 09/23/23 14:40
Analyst: LAC

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 04,06,08,10 Batch: WG1831703-5					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	90		70-130
Toluene-d8	97		70-130
4-Bromofluorobenzene	96		70-130
Dibromofluoromethane	92		70-130

Lab Control Sample Analysis

Batch Quality Control

Project Name: SUN VALLEY NURSERY FILLING STA

Lab Number: L2354976

Project Number: 12060 / PHASE 8

Report Date: 09/26/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 02 Batch: WG1831508-3 WG1831508-4								
Methylene chloride	83		84		70-130	1		30
1,1-Dichloroethane	81		81		70-130	0		30
Chloroform	84		85		70-130	1		30
Carbon tetrachloride	71		72		70-130	1		30
1,2-Dichloropropane	86		87		70-130	1		30
Dibromochloromethane	106		107		70-130	1		30
1,1,2-Trichloroethane	100		100		70-130	0		30
Tetrachloroethene	86		86		70-130	0		30
Chlorobenzene	91		91		70-130	0		30
Trichlorofluoromethane	72		73		70-139	1		30
1,2-Dichloroethane	92		93		70-130	1		30
1,1,1-Trichloroethane	81		82		70-130	1		30
Bromodichloromethane	92		95		70-130	3		30
trans-1,3-Dichloropropene	99		98		70-130	1		30
cis-1,3-Dichloropropene	95		97		70-130	2		30
1,1-Dichloropropene	78		79		70-130	1		30
Bromoform	112		114		70-130	2		30
1,1,2,2-Tetrachloroethane	106		103		70-130	3		30
Benzene	82		83		70-130	1		30
Toluene	78		77		70-130	1		30
Ethylbenzene	82		82		70-130	0		30
Chloromethane	69		70		52-130	1		30
Bromomethane	78		80		57-147	3		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: SUN VALLEY NURSERY FILLING STA

Project Number: 12060 / PHASE 8

Lab Number: L2354976

Report Date: 09/26/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 02 Batch: WG1831508-3 WG1831508-4								
Vinyl chloride	71		71		67-130	0		30
Chloroethane	76		77		50-151	1		30
1,1-Dichloroethene	78		79		65-135	1		30
trans-1,2-Dichloroethene	81		80		70-130	1		30
Trichloroethene	84		86		70-130	2		30
1,2-Dichlorobenzene	98		97		70-130	1		30
1,3-Dichlorobenzene	95		94		70-130	1		30
1,4-Dichlorobenzene	96		95		70-130	1		30
Methyl tert butyl ether	110		113		66-130	3		30
p/m-Xylene	83		82		70-130	1		30
o-Xylene	89		89		70-130	0		30
cis-1,2-Dichloroethene	84		86		70-130	2		30
Dibromomethane	100		101		70-130	1		30
Styrene	91		91		70-130	0		30
Dichlorodifluoromethane	64		65		30-146	2		30
Acetone	104		104		54-140	0		30
Carbon disulfide	69		70		59-130	1		30
2-Butanone	106		106		70-130	0		30
Vinyl acetate	89		84		70-130	6		30
4-Methyl-2-pentanone	110		109		70-130	1		30
1,2,3-Trichloropropane	107		106		68-130	1		30
2-Hexanone	107		106		70-130	1		30
Bromochloromethane	98		100		70-130	2		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: SUN VALLEY NURSERY FILLING STA

Lab Number: L2354976

Project Number: 12060 / PHASE 8

Report Date: 09/26/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 02 Batch: WG1831508-3 WG1831508-4								
2,2-Dichloropropane	75		76		70-130	1		30
1,2-Dibromoethane	110		110		70-130	0		30
1,3-Dichloropropane	98		98		69-130	0		30
1,1,1,2-Tetrachloroethane	96		96		70-130	0		30
Bromobenzene	98		97		70-130	1		30
n-Butylbenzene	81		80		70-130	1		30
sec-Butylbenzene	82		81		70-130	1		30
tert-Butylbenzene	84		83		70-130	1		30
o-Chlorotoluene	84		84		70-130	0		30
p-Chlorotoluene	87		86		70-130	1		30
1,2-Dibromo-3-chloropropane	106		106		68-130	0		30
Hexachlorobutadiene	90		90		67-130	0		30
Isopropylbenzene	83		82		70-130	1		30
p-Isopropyltoluene	85		84		70-130	1		30
Naphthalene	125		124		70-130	1		30
Acrylonitrile	120		122		70-130	2		30
n-Propylbenzene	83		82		70-130	1		30
1,2,3-Trichlorobenzene	121		122		70-130	1		30
1,2,4-Trichlorobenzene	112		112		70-130	0		30
1,3,5-Trimethylbenzene	86		85		70-130	1		30
1,2,4-Trimethylbenzene	88		88		70-130	0		30
1,4-Dioxane	118		116		65-136	2		30
p-Diethylbenzene	86		85		70-130	1		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: SUN VALLEY NURSERY FILLING STA

Lab Number: L2354976

Project Number: 12060 / PHASE 8

Report Date: 09/26/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 02 Batch: WG1831508-3 WG1831508-4								
p-Ethyltoluene	86		85		70-130	1		30
1,2,4,5-Tetramethylbenzene	97		96		70-130	1		30
Ethyl ether	107		108		67-130	1		30
trans-1,4-Dichloro-2-butene	111		109		70-130	2		30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	95		98		70-130
Toluene-d8	96		95		70-130
4-Bromofluorobenzene	98		98		70-130
Dibromofluoromethane	97		99		70-130

Lab Control Sample Analysis

Batch Quality Control

Project Name: SUN VALLEY NURSERY FILLING STA

Project Number: 12060 / PHASE 8

Lab Number: L2354976

Report Date: 09/26/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 04,06,08,10 Batch: WG1831703-3 WG1831703-4								
Methylene chloride	87		80		70-130	8		30
1,1-Dichloroethane	81		78		70-130	4		30
Chloroform	83		82		70-130	1		30
Carbon tetrachloride	81		78		70-130	4		30
1,2-Dichloropropane	87		85		70-130	2		30
Dibromochloromethane	94		94		70-130	0		30
1,1,2-Trichloroethane	87		86		70-130	1		30
Tetrachloroethene	89		87		70-130	2		30
Chlorobenzene	92		90		70-130	2		30
Trichlorofluoromethane	77		75		70-139	3		30
1,2-Dichloroethane	86		85		70-130	1		30
1,1,1-Trichloroethane	81		79		70-130	3		30
Bromodichloromethane	85		84		70-130	1		30
trans-1,3-Dichloropropene	89		88		70-130	1		30
cis-1,3-Dichloropropene	89		88		70-130	1		30
1,1-Dichloropropene	82		81		70-130	1		30
Bromoform	86		86		70-130	0		30
1,1,2,2-Tetrachloroethane	82		80		70-130	2		30
Benzene	86		84		70-130	2		30
Toluene	84		82		70-130	2		30
Ethylbenzene	85		84		70-130	1		30
Chloromethane	68		67		52-130	1		30
Bromomethane	71		74		57-147	4		30

Lab Control Sample Analysis **Batch Quality Control**

Project Name: SUN VALLEY NURSERY FILLING STA

Lab Number: L2354976

Project Number: 12060 / PHASE 8

Report Date: 09/26/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 04,06,08,10 Batch: WG1831703-3 WG1831703-4								
Vinyl chloride	75		72		67-130	4		30
Chloroethane	76		77		50-151	1		30
1,1-Dichloroethene	84		83		65-135	1		30
trans-1,2-Dichloroethene	90		79		70-130	13		30
Trichloroethene	90		88		70-130	2		30
1,2-Dichlorobenzene	96		94		70-130	2		30
1,3-Dichlorobenzene	94		92		70-130	2		30
1,4-Dichlorobenzene	93		91		70-130	2		30
Methyl tert butyl ether	104		93		66-130	11		30
p/m-Xylene	89		88		70-130	1		30
o-Xylene	90		89		70-130	1		30
cis-1,2-Dichloroethene	86		84		70-130	2		30
Dibromomethane	90		89		70-130	1		30
Styrene	89		88		70-130	1		30
Dichlorodifluoromethane	64		61		30-146	5		30
Acetone	69		69		54-140	0		30
Carbon disulfide	82		80		59-130	2		30
2-Butanone	73		76		70-130	4		30
Vinyl acetate	68	Q	65	Q	70-130	5		30
4-Methyl-2-pentanone	77		75		70-130	3		30
1,2,3-Trichloropropane	85		85		68-130	0		30
2-Hexanone	72		72		70-130	0		30
Bromochloromethane	94		94		70-130	0		30

Lab Control Sample Analysis **Batch Quality Control**

Project Name: SUN VALLEY NURSERY FILLING STA

Lab Number: L2354976

Project Number: 12060 / PHASE 8

Report Date: 09/26/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 04,06,08,10 Batch: WG1831703-3 WG1831703-4								
2,2-Dichloropropane	76		75		70-130	1		30
1,2-Dibromoethane	94		95		70-130	1		30
1,3-Dichloropropane	92		91		69-130	1		30
1,1,1,2-Tetrachloroethane	96		95		70-130	1		30
Bromobenzene	93		92		70-130	1		30
n-Butylbenzene	86		82		70-130	5		30
sec-Butylbenzene	86		83		70-130	4		30
tert-Butylbenzene	86		86		70-130	0		30
o-Chlorotoluene	87		87		70-130	0		30
p-Chlorotoluene	88		85		70-130	3		30
1,2-Dibromo-3-chloropropane	82		80		68-130	2		30
Hexachlorobutadiene	84		83		67-130	1		30
Isopropylbenzene	86		84		70-130	2		30
p-Isopropyltoluene	87		85		70-130	2		30
Naphthalene	95		94		70-130	1		30
Acrylonitrile	82		83		70-130	1		30
n-Propylbenzene	85		82		70-130	4		30
1,2,3-Trichlorobenzene	96		95		70-130	1		30
1,2,4-Trichlorobenzene	95		92		70-130	3		30
1,3,5-Trimethylbenzene	88		85		70-130	3		30
1,2,4-Trimethylbenzene	89		86		70-130	3		30
1,4-Dioxane	86		87		65-136	1		30
p-Diethylbenzene	87		85		70-130	2		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 8

Lab Number: L2354976
Report Date: 09/26/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 04,06,08,10 Batch: WG1831703-3 WG1831703-4								
p-Ethyltoluene	86		84		70-130	2		30
1,2,4,5-Tetramethylbenzene	91		89		70-130	2		30
Ethyl ether	101		99		67-130	2		30
trans-1,4-Dichloro-2-butene	87		86		70-130	1		30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	87		88		70-130
Toluene-d8	96		96		70-130
4-Bromofluorobenzene	95		97		70-130
Dibromofluoromethane	94		93		70-130

SEMIVOLATILES

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 8

Lab Number: L2354976
Report Date: 09/26/23

SAMPLE RESULTS

Lab ID: L2354976-01
Client ID: COMP_B2(0-7)
Sample Location: Not Specified

Date Collected: 09/19/23 09:15
Date Received: 09/19/23
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 09/21/23 14:35
Analyst: IM
Percent Solids: 86%

Extraction Method: EPA 3546
Extraction Date: 09/20/23 15:57

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	150	20.	1
1,2,4-Trichlorobenzene	ND		ug/kg	190	22.	1
Hexachlorobenzene	ND		ug/kg	120	21.	1
Bis(2-chloroethyl)ether	ND		ug/kg	170	26.	1
2-Chloronaphthalene	ND		ug/kg	190	19.	1
1,2-Dichlorobenzene	ND		ug/kg	190	34.	1
1,3-Dichlorobenzene	ND		ug/kg	190	33.	1
1,4-Dichlorobenzene	ND		ug/kg	190	33.	1
3,3'-Dichlorobenzidine	ND		ug/kg	190	51.	1
2,4-Dinitrotoluene	ND		ug/kg	190	38.	1
2,6-Dinitrotoluene	ND		ug/kg	190	33.	1
Fluoranthene	ND		ug/kg	120	22.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	190	20.	1
4-Bromophenyl phenyl ether	ND		ug/kg	190	29.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	230	33.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	210	19.	1
Hexachlorobutadiene	ND		ug/kg	190	28.	1
Hexachlorocyclopentadiene	ND		ug/kg	550	170	1
Hexachloroethane	ND		ug/kg	150	31.	1
Isophorone	ND		ug/kg	170	25.	1
Naphthalene	24	J	ug/kg	190	23.	1
Nitrobenzene	ND		ug/kg	170	28.	1
NDPA/DPA	ND		ug/kg	150	22.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	190	30.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	190	66.	1
Butyl benzyl phthalate	ND		ug/kg	190	48.	1
Di-n-butylphthalate	ND		ug/kg	190	36.	1
Di-n-octylphthalate	ND		ug/kg	190	65.	1

Project Name: SUN VALLEY NURSERY FILLING STA**Lab Number:** L2354976**Project Number:** 12060 / PHASE 8**Report Date:** 09/26/23**SAMPLE RESULTS**

Lab ID: L2354976-01
 Client ID: COMP_B2(0-7)
 Sample Location: Not Specified

Date Collected: 09/19/23 09:15
 Date Received: 09/19/23
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Diethyl phthalate	ND		ug/kg	190	18.	1
Dimethyl phthalate	ND		ug/kg	190	40.	1
Benzo(a)anthracene	ND		ug/kg	120	22.	1
Benzo(a)pyrene	ND		ug/kg	150	47.	1
Benzo(b)fluoranthene	ND		ug/kg	120	32.	1
Benzo(k)fluoranthene	ND		ug/kg	120	31.	1
Chrysene	ND		ug/kg	120	20.	1
Acenaphthylene	ND		ug/kg	150	30.	1
Anthracene	ND		ug/kg	120	37.	1
Benzo(ghi)perylene	ND		ug/kg	150	22.	1
Fluorene	ND		ug/kg	190	19.	1
Phenanthrene	ND		ug/kg	120	23.	1
Dibenzo(a,h)anthracene	ND		ug/kg	120	22.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	150	27.	1
Pyrene	ND		ug/kg	120	19.	1
Biphenyl	ND		ug/kg	440	25.	1
4-Chloroaniline	ND		ug/kg	190	35.	1
2-Nitroaniline	ND		ug/kg	190	37.	1
3-Nitroaniline	ND		ug/kg	190	36.	1
4-Nitroaniline	ND		ug/kg	190	79.	1
Dibenzofuran	ND		ug/kg	190	18.	1
2-Methylnaphthalene	ND		ug/kg	230	23.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	190	20.	1
Acetophenone	ND		ug/kg	190	24.	1
2,4,6-Trichlorophenol	ND		ug/kg	120	36.	1
p-Chloro-m-cresol	ND		ug/kg	190	28.	1
2-Chlorophenol	ND		ug/kg	190	23.	1
2,4-Dichlorophenol	ND		ug/kg	170	31.	1
2,4-Dimethylphenol	ND		ug/kg	190	63.	1
2-Nitrophenol	ND		ug/kg	410	72.	1
4-Nitrophenol	ND		ug/kg	270	78.	1
2,4-Dinitrophenol	ND		ug/kg	920	89.	1
4,6-Dinitro-o-cresol	ND		ug/kg	500	92.	1
Pentachlorophenol	ND		ug/kg	150	42.	1
Phenol	ND		ug/kg	190	29.	1
2-Methylphenol	ND		ug/kg	190	30.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	280	30.	1

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 8

Lab Number: L2354976
Report Date: 09/26/23

SAMPLE RESULTS

Lab ID: L2354976-01
Client ID: COMP_B2(0-7)
Sample Location: Not Specified

Date Collected: 09/19/23 09:15
Date Received: 09/19/23
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	190	37.	1
Benzoic Acid	ND		ug/kg	620	190	1
Benzyl Alcohol	ND		ug/kg	190	59.	1
Carbazole	ND		ug/kg	190	19.	1
1,4-Dioxane	ND		ug/kg	29	8.8	1

Tentatively Identified Compounds

No Tentatively Identified Compounds	ND	ug/kg	1
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Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	81		25-120
Phenol-d6	75		10-120
Nitrobenzene-d5	71		23-120
2-Fluorobiphenyl	66		30-120
2,4,6-Tribromophenol	81		10-136
4-Terphenyl-d14	68		18-120

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 8

Lab Number: L2354976
Report Date: 09/26/23

SAMPLE RESULTS

Lab ID: L2354976-03
Client ID: COMP_B2(7-14)
Sample Location: Not Specified

Date Collected: 09/19/23 09:30
Date Received: 09/19/23
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 09/21/23 14:59
Analyst: IM
Percent Solids: 88%

Extraction Method: EPA 3546
Extraction Date: 09/20/23 15:57

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	150	19.	1
1,2,4-Trichlorobenzene	ND		ug/kg	180	21.	1
Hexachlorobenzene	ND		ug/kg	110	21.	1
Bis(2-chloroethyl)ether	ND		ug/kg	170	25.	1
2-Chloronaphthalene	ND		ug/kg	180	18.	1
1,2-Dichlorobenzene	ND		ug/kg	180	33.	1
1,3-Dichlorobenzene	ND		ug/kg	180	32.	1
1,4-Dichlorobenzene	ND		ug/kg	180	32.	1
3,3'-Dichlorobenzidine	ND		ug/kg	180	49.	1
2,4-Dinitrotoluene	ND		ug/kg	180	37.	1
2,6-Dinitrotoluene	ND		ug/kg	180	32.	1
Fluoranthene	ND		ug/kg	110	21.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	180	20.	1
4-Bromophenyl phenyl ether	ND		ug/kg	180	28.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	220	32.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	200	19.	1
Hexachlorobutadiene	ND		ug/kg	180	27.	1
Hexachlorocyclopentadiene	ND		ug/kg	530	170	1
Hexachloroethane	ND		ug/kg	150	30.	1
Isophorone	ND		ug/kg	170	24.	1
Naphthalene	ND		ug/kg	180	23.	1
Nitrobenzene	ND		ug/kg	170	27.	1
NDPA/DPA	ND		ug/kg	150	21.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	180	29.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	180	64.	1
Butyl benzyl phthalate	ND		ug/kg	180	47.	1
Di-n-butylphthalate	ND		ug/kg	180	35.	1
Di-n-octylphthalate	ND		ug/kg	180	63.	1

Project Name: SUN VALLEY NURSERY FILLING STA**Lab Number:** L2354976**Project Number:** 12060 / PHASE 8**Report Date:** 09/26/23**SAMPLE RESULTS**

Lab ID: L2354976-03
Client ID: COMP_B2(7-14)
Sample Location: Not Specified

Date Collected: 09/19/23 09:30
Date Received: 09/19/23
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Diethyl phthalate	ND		ug/kg	180	17.	1
Dimethyl phthalate	ND		ug/kg	180	39.	1
Benzo(a)anthracene	ND		ug/kg	110	21.	1
Benzo(a)pyrene	ND		ug/kg	150	45.	1
Benzo(b)fluoranthene	ND		ug/kg	110	31.	1
Benzo(k)fluoranthene	ND		ug/kg	110	30.	1
Chrysene	ND		ug/kg	110	19.	1
Acenaphthylene	ND		ug/kg	150	29.	1
Anthracene	ND		ug/kg	110	36.	1
Benzo(ghi)perylene	ND		ug/kg	150	22.	1
Fluorene	ND		ug/kg	180	18.	1
Phenanthrene	ND		ug/kg	110	22.	1
Dibenzo(a,h)anthracene	ND		ug/kg	110	21.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	150	26.	1
Pyrene	ND		ug/kg	110	18.	1
Biphenyl	ND		ug/kg	420	24.	1
4-Chloroaniline	ND		ug/kg	180	34.	1
2-Nitroaniline	ND		ug/kg	180	36.	1
3-Nitroaniline	ND		ug/kg	180	35.	1
4-Nitroaniline	ND		ug/kg	180	77.	1
Dibenzofuran	ND		ug/kg	180	18.	1
2-Methylnaphthalene	ND		ug/kg	220	22.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	180	19.	1
Acetophenone	ND		ug/kg	180	23.	1
2,4,6-Trichlorophenol	ND		ug/kg	110	35.	1
p-Chloro-m-cresol	ND		ug/kg	180	28.	1
2-Chlorophenol	ND		ug/kg	180	22.	1
2,4-Dichlorophenol	ND		ug/kg	170	30.	1
2,4-Dimethylphenol	ND		ug/kg	180	61.	1
2-Nitrophenol	ND		ug/kg	400	70.	1
4-Nitrophenol	ND		ug/kg	260	76.	1
2,4-Dinitrophenol	ND		ug/kg	890	86.	1
4,6-Dinitro-o-cresol	ND		ug/kg	480	89.	1
Pentachlorophenol	ND		ug/kg	150	41.	1
Phenol	ND		ug/kg	180	28.	1
2-Methylphenol	ND		ug/kg	180	29.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	270	29.	1

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 8

Lab Number: L2354976
Report Date: 09/26/23

SAMPLE RESULTS

Lab ID: L2354976-03
Client ID: COMP_B2(7-14)
Sample Location: Not Specified

Date Collected: 09/19/23 09:30
Date Received: 09/19/23
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	180	36.	1
Benzoic Acid	ND		ug/kg	600	190	1
Benzyl Alcohol	ND		ug/kg	180	57.	1
Carbazole	ND		ug/kg	180	18.	1
1,4-Dioxane	ND		ug/kg	28	8.5	1

Tentatively Identified Compounds

No Tentatively Identified Compounds	ND	ug/kg	1
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Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	83		25-120
Phenol-d6	80		10-120
Nitrobenzene-d5	72		23-120
2-Fluorobiphenyl	68		30-120
2,4,6-Tribromophenol	88		10-136
4-Terphenyl-d14	76		18-120

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 8

Lab Number: L2354976
Report Date: 09/26/23

SAMPLE RESULTS

Lab ID: L2354976-05
Client ID: COMP_B2(14-21)
Sample Location: Not Specified

Date Collected: 09/19/23 09:45
Date Received: 09/19/23
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 09/21/23 15:23
Analyst: IM
Percent Solids: 90%

Extraction Method: EPA 3546
Extraction Date: 09/20/23 15:57

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	150	19.	1
1,2,4-Trichlorobenzene	ND		ug/kg	180	21.	1
Hexachlorobenzene	ND		ug/kg	110	20.	1
Bis(2-chloroethyl)ether	ND		ug/kg	160	25.	1
2-Chloronaphthalene	ND		ug/kg	180	18.	1
1,2-Dichlorobenzene	ND		ug/kg	180	33.	1
1,3-Dichlorobenzene	ND		ug/kg	180	31.	1
1,4-Dichlorobenzene	ND		ug/kg	180	32.	1
3,3'-Dichlorobenzidine	ND		ug/kg	180	49.	1
2,4-Dinitrotoluene	ND		ug/kg	180	36.	1
2,6-Dinitrotoluene	ND		ug/kg	180	31.	1
Fluoranthene	ND		ug/kg	110	21.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	180	20.	1
4-Bromophenyl phenyl ether	ND		ug/kg	180	28.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	220	31.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	200	18.	1
Hexachlorobutadiene	ND		ug/kg	180	27.	1
Hexachlorocyclopentadiene	ND		ug/kg	520	160	1
Hexachloroethane	ND		ug/kg	150	30.	1
Isophorone	ND		ug/kg	160	24.	1
Naphthalene	ND		ug/kg	180	22.	1
Nitrobenzene	ND		ug/kg	160	27.	1
NDPA/DPA	ND		ug/kg	150	21.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	180	28.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	180	63.	1
Butyl benzyl phthalate	ND		ug/kg	180	46.	1
Di-n-butylphthalate	ND		ug/kg	180	35.	1
Di-n-octylphthalate	ND		ug/kg	180	62.	1

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 8

Lab Number: L2354976
Report Date: 09/26/23

SAMPLE RESULTS

Lab ID: L2354976-05
Client ID: COMP_B2(14-21)
Sample Location: Not Specified

Date Collected: 09/19/23 09:45
Date Received: 09/19/23
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Diethyl phthalate	ND		ug/kg	180	17.	1
Dimethyl phthalate	ND		ug/kg	180	38.	1
Benzo(a)anthracene	ND		ug/kg	110	21.	1
Benzo(a)pyrene	ND		ug/kg	150	45.	1
Benzo(b)fluoranthene	ND		ug/kg	110	31.	1
Benzo(k)fluoranthene	ND		ug/kg	110	29.	1
Chrysene	ND		ug/kg	110	19.	1
Acenaphthylene	ND		ug/kg	150	28.	1
Anthracene	ND		ug/kg	110	36.	1
Benzo(ghi)perylene	ND		ug/kg	150	22.	1
Fluorene	ND		ug/kg	180	18.	1
Phenanthrene	ND		ug/kg	110	22.	1
Dibenzo(a,h)anthracene	ND		ug/kg	110	21.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	150	26.	1
Pyrene	ND		ug/kg	110	18.	1
Biphenyl	ND		ug/kg	420	24.	1
4-Chloroaniline	ND		ug/kg	180	33.	1
2-Nitroaniline	ND		ug/kg	180	35.	1
3-Nitroaniline	ND		ug/kg	180	34.	1
4-Nitroaniline	ND		ug/kg	180	76.	1
Dibenzofuran	ND		ug/kg	180	17.	1
2-Methylnaphthalene	ND		ug/kg	220	22.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	180	19.	1
Acetophenone	ND		ug/kg	180	23.	1
2,4,6-Trichlorophenol	ND		ug/kg	110	35.	1
p-Chloro-m-cresol	ND		ug/kg	180	27.	1
2-Chlorophenol	ND		ug/kg	180	22.	1
2,4-Dichlorophenol	ND		ug/kg	160	29.	1
2,4-Dimethylphenol	ND		ug/kg	180	60.	1
2-Nitrophenol	ND		ug/kg	400	69.	1
4-Nitrophenol	ND		ug/kg	260	75.	1
2,4-Dinitrophenol	ND		ug/kg	880	85.	1
4,6-Dinitro-o-cresol	ND		ug/kg	480	88.	1
Pentachlorophenol	ND		ug/kg	150	40.	1
Phenol	ND		ug/kg	180	28.	1
2-Methylphenol	ND		ug/kg	180	28.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	260	29.	1

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 8

Lab Number: L2354976
Report Date: 09/26/23

SAMPLE RESULTS

Lab ID: L2354976-05
Client ID: COMP_B2(14-21)
Sample Location: Not Specified

Date Collected: 09/19/23 09:45
Date Received: 09/19/23
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	180	35.	1
Benzoic Acid	ND		ug/kg	590	180	1
Benzyl Alcohol	ND		ug/kg	180	56.	1
Carbazole	ND		ug/kg	180	18.	1
1,4-Dioxane	ND		ug/kg	27	8.4	1

Tentatively Identified Compounds

No Tentatively Identified Compounds	ND	ug/kg	1
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Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	89		25-120
Phenol-d6	85		10-120
Nitrobenzene-d5	76		23-120
2-Fluorobiphenyl	74		30-120
2,4,6-Tribromophenol	93		10-136
4-Terphenyl-d14	79		18-120

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 8

Lab Number: L2354976
Report Date: 09/26/23

SAMPLE RESULTS

Lab ID: L2354976-07
Client ID: COMP_E2(0-7)
Sample Location: Not Specified

Date Collected: 09/19/23 11:45
Date Received: 09/19/23
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 09/21/23 15:46
Analyst: IM
Percent Solids: 89%

Extraction Method: EPA 3546
Extraction Date: 09/20/23 15:57

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	140	19.	1
1,2,4-Trichlorobenzene	ND		ug/kg	180	21.	1
Hexachlorobenzene	ND		ug/kg	110	20.	1
Bis(2-chloroethyl)ether	ND		ug/kg	160	25.	1
2-Chloronaphthalene	ND		ug/kg	180	18.	1
1,2-Dichlorobenzene	ND		ug/kg	180	33.	1
1,3-Dichlorobenzene	ND		ug/kg	180	31.	1
1,4-Dichlorobenzene	ND		ug/kg	180	32.	1
3,3'-Dichlorobenzidine	ND		ug/kg	180	48.	1
2,4-Dinitrotoluene	ND		ug/kg	180	36.	1
2,6-Dinitrotoluene	ND		ug/kg	180	31.	1
Fluoranthene	ND		ug/kg	110	21.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	180	19.	1
4-Bromophenyl phenyl ether	ND		ug/kg	180	28.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	220	31.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	200	18.	1
Hexachlorobutadiene	ND		ug/kg	180	27.	1
Hexachlorocyclopentadiene	ND		ug/kg	520	160	1
Hexachloroethane	ND		ug/kg	140	29.	1
Isophorone	ND		ug/kg	160	24.	1
Naphthalene	ND		ug/kg	180	22.	1
Nitrobenzene	ND		ug/kg	160	27.	1
NDPA/DPA	ND		ug/kg	140	21.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	180	28.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	180	63.	1
Butyl benzyl phthalate	ND		ug/kg	180	46.	1
Di-n-butylphthalate	ND		ug/kg	180	34.	1
Di-n-octylphthalate	ND		ug/kg	180	62.	1

Project Name: SUN VALLEY NURSERY FILLING STA**Lab Number:** L2354976**Project Number:** 12060 / PHASE 8**Report Date:** 09/26/23**SAMPLE RESULTS**

Lab ID: L2354976-07
 Client ID: COMP_E2(0-7)
 Sample Location: Not Specified

Date Collected: 09/19/23 11:45
 Date Received: 09/19/23
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Diethyl phthalate	ND		ug/kg	180	17.	1
Dimethyl phthalate	ND		ug/kg	180	38.	1
Benzo(a)anthracene	ND		ug/kg	110	20.	1
Benzo(a)pyrene	ND		ug/kg	140	44.	1
Benzo(b)fluoranthene	ND		ug/kg	110	31.	1
Benzo(k)fluoranthene	ND		ug/kg	110	29.	1
Chrysene	ND		ug/kg	110	19.	1
Acenaphthylene	ND		ug/kg	140	28.	1
Anthracene	ND		ug/kg	110	35.	1
Benzo(ghi)perylene	ND		ug/kg	140	21.	1
Fluorene	ND		ug/kg	180	18.	1
Phenanthrene	ND		ug/kg	110	22.	1
Dibenzo(a,h)anthracene	ND		ug/kg	110	21.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	140	25.	1
Pyrene	ND		ug/kg	110	18.	1
Biphenyl	ND		ug/kg	410	24.	1
4-Chloroaniline	ND		ug/kg	180	33.	1
2-Nitroaniline	ND		ug/kg	180	35.	1
3-Nitroaniline	ND		ug/kg	180	34.	1
4-Nitroaniline	ND		ug/kg	180	75.	1
Dibenzofuran	ND		ug/kg	180	17.	1
2-Methylnaphthalene	ND		ug/kg	220	22.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	180	19.	1
Acetophenone	ND		ug/kg	180	22.	1
2,4,6-Trichlorophenol	ND		ug/kg	110	34.	1
p-Chloro-m-cresol	ND		ug/kg	180	27.	1
2-Chlorophenol	ND		ug/kg	180	21.	1
2,4-Dichlorophenol	ND		ug/kg	160	29.	1
2,4-Dimethylphenol	ND		ug/kg	180	60.	1
2-Nitrophenol	ND		ug/kg	390	68.	1
4-Nitrophenol	ND		ug/kg	250	74.	1
2,4-Dinitrophenol	ND		ug/kg	870	85.	1
4,6-Dinitro-o-cresol	ND		ug/kg	470	87.	1
Pentachlorophenol	ND		ug/kg	140	40.	1
Phenol	ND		ug/kg	180	27.	1
2-Methylphenol	ND		ug/kg	180	28.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	260	28.	1

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 8

Lab Number: L2354976
Report Date: 09/26/23

SAMPLE RESULTS

Lab ID: L2354976-07
Client ID: COMP_E2(0-7)
Sample Location: Not Specified

Date Collected: 09/19/23 11:45
Date Received: 09/19/23
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	180	35.	1
Benzoic Acid	ND		ug/kg	590	180	1
Benzyl Alcohol	ND		ug/kg	180	56.	1
Carbazole	ND		ug/kg	180	18.	1
1,4-Dioxane	ND		ug/kg	27	8.4	1

Tentatively Identified Compounds

No Tentatively Identified Compounds	ND	ug/kg	1
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Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	78		25-120
Phenol-d6	74		10-120
Nitrobenzene-d5	68		23-120
2-Fluorobiphenyl	65		30-120
2,4,6-Tribromophenol	84		10-136
4-Terphenyl-d14	72		18-120

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 8

Lab Number: L2354976
Report Date: 09/26/23

SAMPLE RESULTS

Lab ID: L2354976-09
Client ID: COMP_E2(7-14)
Sample Location: Not Specified

Date Collected: 09/19/23 11:50
Date Received: 09/19/23
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 09/21/23 16:10
Analyst: IM
Percent Solids: 89%

Extraction Method: EPA 3546
Extraction Date: 09/20/23 15:57

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	150	19.	1
1,2,4-Trichlorobenzene	ND		ug/kg	180	21.	1
Hexachlorobenzene	ND		ug/kg	110	21.	1
Bis(2-chloroethyl)ether	ND		ug/kg	170	25.	1
2-Chloronaphthalene	ND		ug/kg	180	18.	1
1,2-Dichlorobenzene	ND		ug/kg	180	33.	1
1,3-Dichlorobenzene	ND		ug/kg	180	32.	1
1,4-Dichlorobenzene	ND		ug/kg	180	32.	1
3,3'-Dichlorobenzidine	ND		ug/kg	180	49.	1
2,4-Dinitrotoluene	ND		ug/kg	180	37.	1
2,6-Dinitrotoluene	ND		ug/kg	180	32.	1
Fluoranthene	ND		ug/kg	110	21.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	180	20.	1
4-Bromophenyl phenyl ether	ND		ug/kg	180	28.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	220	32.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	200	18.	1
Hexachlorobutadiene	ND		ug/kg	180	27.	1
Hexachlorocyclopentadiene	ND		ug/kg	530	170	1
Hexachloroethane	ND		ug/kg	150	30.	1
Isophorone	ND		ug/kg	170	24.	1
Naphthalene	ND		ug/kg	180	22.	1
Nitrobenzene	ND		ug/kg	170	27.	1
NDPA/DPA	ND		ug/kg	150	21.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	180	29.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	180	64.	1
Butyl benzyl phthalate	ND		ug/kg	180	47.	1
Di-n-butylphthalate	ND		ug/kg	180	35.	1
Di-n-octylphthalate	ND		ug/kg	180	63.	1

Project Name: SUN VALLEY NURSERY FILLING STA**Lab Number:** L2354976**Project Number:** 12060 / PHASE 8**Report Date:** 09/26/23**SAMPLE RESULTS**

Lab ID: L2354976-09
Client ID: COMP_E2(7-14)
Sample Location: Not Specified

Date Collected: 09/19/23 11:50
Date Received: 09/19/23
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Diethyl phthalate	ND		ug/kg	180	17.	1
Dimethyl phthalate	ND		ug/kg	180	39.	1
Benzo(a)anthracene	ND		ug/kg	110	21.	1
Benzo(a)pyrene	ND		ug/kg	150	45.	1
Benzo(b)fluoranthene	ND		ug/kg	110	31.	1
Benzo(k)fluoranthene	ND		ug/kg	110	30.	1
Chrysene	ND		ug/kg	110	19.	1
Acenaphthylene	ND		ug/kg	150	29.	1
Anthracene	ND		ug/kg	110	36.	1
Benzo(ghi)perylene	ND		ug/kg	150	22.	1
Fluorene	ND		ug/kg	180	18.	1
Phenanthrene	ND		ug/kg	110	22.	1
Dibenzo(a,h)anthracene	ND		ug/kg	110	21.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	150	26.	1
Pyrene	ND		ug/kg	110	18.	1
Biphenyl	ND		ug/kg	420	24.	1
4-Chloroaniline	ND		ug/kg	180	34.	1
2-Nitroaniline	ND		ug/kg	180	36.	1
3-Nitroaniline	ND		ug/kg	180	35.	1
4-Nitroaniline	ND		ug/kg	180	77.	1
Dibenzofuran	ND		ug/kg	180	18.	1
2-Methylnaphthalene	ND		ug/kg	220	22.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	180	19.	1
Acetophenone	ND		ug/kg	180	23.	1
2,4,6-Trichlorophenol	ND		ug/kg	110	35.	1
p-Chloro-m-cresol	ND		ug/kg	180	28.	1
2-Chlorophenol	ND		ug/kg	180	22.	1
2,4-Dichlorophenol	ND		ug/kg	170	30.	1
2,4-Dimethylphenol	ND		ug/kg	180	61.	1
2-Nitrophenol	ND		ug/kg	400	70.	1
4-Nitrophenol	ND		ug/kg	260	76.	1
2,4-Dinitrophenol	ND		ug/kg	890	86.	1
4,6-Dinitro-o-cresol	ND		ug/kg	480	89.	1
Pentachlorophenol	ND		ug/kg	150	41.	1
Phenol	ND		ug/kg	180	28.	1
2-Methylphenol	ND		ug/kg	180	29.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	270	29.	1

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 8

Lab Number: L2354976
Report Date: 09/26/23

SAMPLE RESULTS

Lab ID: L2354976-09
Client ID: COMP_E2(7-14)
Sample Location: Not Specified

Date Collected: 09/19/23 11:50
Date Received: 09/19/23
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	180	36.	1
Benzoic Acid	ND		ug/kg	600	190	1
Benzyl Alcohol	ND		ug/kg	180	57.	1
Carbazole	ND		ug/kg	180	18.	1
1,4-Dioxane	ND		ug/kg	28	8.5	1

Tentatively Identified Compounds

No Tentatively Identified Compounds	ND	ug/kg	1
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Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	74		25-120
Phenol-d6	71		10-120
Nitrobenzene-d5	65		23-120
2-Fluorobiphenyl	62		30-120
2,4,6-Tribromophenol	80		10-136
4-Terphenyl-d14	67		18-120

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 8

Lab Number: L2354976
Report Date: 09/26/23

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 09/21/23 13:24
Analyst: IM

Extraction Method: EPA 3546
Extraction Date: 09/20/23 15:57

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01,03,05,07,09 Batch: WG1829892-1					
Acenaphthene	ND		ug/kg	130	17.
1,2,4-Trichlorobenzene	ND		ug/kg	160	19.
Hexachlorobenzene	ND		ug/kg	98	18.
Bis(2-chloroethyl)ether	ND		ug/kg	150	22.
2-Chloronaphthalene	ND		ug/kg	160	16.
1,2-Dichlorobenzene	ND		ug/kg	160	29.
1,3-Dichlorobenzene	ND		ug/kg	160	28.
1,4-Dichlorobenzene	ND		ug/kg	160	28.
3,3'-Dichlorobenzidine	ND		ug/kg	160	43.
2,4-Dinitrotoluene	ND		ug/kg	160	33.
2,6-Dinitrotoluene	ND		ug/kg	160	28.
Fluoranthene	ND		ug/kg	98	19.
4-Chlorophenyl phenyl ether	ND		ug/kg	160	17.
4-Bromophenyl phenyl ether	ND		ug/kg	160	25.
Bis(2-chloroisopropyl)ether	ND		ug/kg	200	28.
Bis(2-chloroethoxy)methane	ND		ug/kg	180	16.
Hexachlorobutadiene	ND		ug/kg	160	24.
Hexachlorocyclopentadiene	ND		ug/kg	470	150
Hexachloroethane	ND		ug/kg	130	26.
Isophorone	ND		ug/kg	150	21.
Naphthalene	ND		ug/kg	160	20.
Nitrobenzene	ND		ug/kg	150	24.
NDPA/DPA	ND		ug/kg	130	18.
n-Nitrosodi-n-propylamine	ND		ug/kg	160	25.
Bis(2-ethylhexyl)phthalate	ND		ug/kg	160	56.
Butyl benzyl phthalate	ND		ug/kg	160	41.
Di-n-butylphthalate	ND		ug/kg	160	31.
Di-n-octylphthalate	ND		ug/kg	160	56.
Diethyl phthalate	ND		ug/kg	160	15.

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 8

Lab Number: L2354976
Report Date: 09/26/23

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 09/21/23 13:24
Analyst: IM

Extraction Method: EPA 3546
Extraction Date: 09/20/23 15:57

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01,03,05,07,09 Batch: WG1829892-1					
Dimethyl phthalate	ND		ug/kg	160	34.
Benzo(a)anthracene	ND		ug/kg	98	18.
Benzo(a)pyrene	ND		ug/kg	130	40.
Benzo(b)fluoranthene	ND		ug/kg	98	27.
Benzo(k)fluoranthene	ND		ug/kg	98	26.
Chrysene	ND		ug/kg	98	17.
Acenaphthylene	ND		ug/kg	130	25.
Anthracene	ND		ug/kg	98	32.
Benzo(ghi)perylene	ND		ug/kg	130	19.
Fluorene	ND		ug/kg	160	16.
Phenanthrene	ND		ug/kg	98	20.
Dibenzo(a,h)anthracene	ND		ug/kg	98	19.
Indeno(1,2,3-cd)pyrene	ND		ug/kg	130	23.
Pyrene	ND		ug/kg	98	16.
Biphenyl	ND		ug/kg	370	21.
4-Chloroaniline	ND		ug/kg	160	30.
2-Nitroaniline	ND		ug/kg	160	31.
3-Nitroaniline	ND		ug/kg	160	31.
4-Nitroaniline	ND		ug/kg	160	68.
Dibenzofuran	ND		ug/kg	160	15.
2-Methylnaphthalene	ND		ug/kg	200	20.
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	160	17.
Acetophenone	ND		ug/kg	160	20.
2,4,6-Trichlorophenol	ND		ug/kg	98	31.
p-Chloro-m-cresol	ND		ug/kg	160	24.
2-Chlorophenol	ND		ug/kg	160	19.
2,4-Dichlorophenol	ND		ug/kg	150	26.
2,4-Dimethylphenol	ND		ug/kg	160	54.
2-Nitrophenol	ND		ug/kg	350	61.

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 8

Lab Number: L2354976
Report Date: 09/26/23

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 09/21/23 13:24
Analyst: IM

Extraction Method: EPA 3546
Extraction Date: 09/20/23 15:57

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01,03,05,07,09 Batch: WG1829892-1					
4-Nitrophenol	ND		ug/kg	230	67.
2,4-Dinitrophenol	ND		ug/kg	780	76.
4,6-Dinitro-o-cresol	ND		ug/kg	420	78.
Pentachlorophenol	ND		ug/kg	130	36.
Phenol	ND		ug/kg	160	25.
2-Methylphenol	ND		ug/kg	160	25.
3-Methylphenol/4-Methylphenol	ND		ug/kg	240	26.
2,4,5-Trichlorophenol	ND		ug/kg	160	31.
Benzoic Acid	ND		ug/kg	530	160
Benzyl Alcohol	ND		ug/kg	160	50.
Carbazole	ND		ug/kg	160	16.
1,4-Dioxane	ND		ug/kg	24	7.5

Tentatively Identified Compounds

No Tentatively Identified Compounds ND ug/kg

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	84		25-120
Phenol-d6	81		10-120
Nitrobenzene-d5	73		23-120
2-Fluorobiphenyl	69		30-120
2,4,6-Tribromophenol	84		10-136
4-Terphenyl-d14	79		18-120

Lab Control Sample Analysis **Batch Quality Control**

Project Name: SUN VALLEY NURSERY FILLING STA

Lab Number: L2354976

Project Number: 12060 / PHASE 8

Report Date: 09/26/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01,03,05,07,09 Batch: WG1829892-2 WG1829892-3								
Acenaphthene	72		76		31-137	5		50
1,2,4-Trichlorobenzene	67		70		38-107	4		50
Hexachlorobenzene	75		77		40-140	3		50
Bis(2-chloroethyl)ether	70		73		40-140	4		50
2-Chloronaphthalene	69		71		40-140	3		50
1,2-Dichlorobenzene	70		73		40-140	4		50
1,3-Dichlorobenzene	69		73		40-140	6		50
1,4-Dichlorobenzene	69		74		28-104	7		50
3,3'-Dichlorobenzidine	67		68		40-140	1		50
2,4-Dinitrotoluene	79		81		40-132	3		50
2,6-Dinitrotoluene	72		74		40-140	3		50
Fluoranthene	74		75		40-140	1		50
4-Chlorophenyl phenyl ether	70		74		40-140	6		50
4-Bromophenyl phenyl ether	72		74		40-140	3		50
Bis(2-chloroisopropyl)ether	79		80		40-140	1		50
Bis(2-chloroethoxy)methane	72		75		40-117	4		50
Hexachlorobutadiene	58		62		40-140	7		50
Hexachlorocyclopentadiene	63		66		40-140	5		50
Hexachloroethane	68		70		40-140	3		50
Isophorone	68		70		40-140	3		50
Naphthalene	72		73		40-140	1		50
Nitrobenzene	69		72		40-140	4		50
NDPA/DPA	78		78		36-157	0		50

Lab Control Sample Analysis **Batch Quality Control**

Project Name: SUN VALLEY NURSERY FILLING STA

Lab Number: L2354976

Project Number: 12060 / PHASE 8

Report Date: 09/26/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01,03,05,07,09 Batch: WG1829892-2 WG1829892-3								
n-Nitrosodi-n-propylamine	69		71		32-121	3		50
Bis(2-ethylhexyl)phthalate	91		94		40-140	3		50
Butyl benzyl phthalate	82		84		40-140	2		50
Di-n-butylphthalate	85		85		40-140	0		50
Di-n-octylphthalate	89		95		40-140	7		50
Diethyl phthalate	78		80		40-140	3		50
Dimethyl phthalate	71		71		40-140	0		50
Benzo(a)anthracene	74		77		40-140	4		50
Benzo(a)pyrene	79		87		40-140	10		50
Benzo(b)fluoranthene	74		80		40-140	8		50
Benzo(k)fluoranthene	81		86		40-140	6		50
Chrysene	79		83		40-140	5		50
Acenaphthylene	73		73		40-140	0		50
Anthracene	78		79		40-140	1		50
Benzo(ghi)perylene	74		77		40-140	4		50
Fluorene	77		79		40-140	3		50
Phenanthrene	77		77		40-140	0		50
Dibenzo(a,h)anthracene	74		77		40-140	4		50
Indeno(1,2,3-cd)pyrene	73		76		40-140	4		50
Pyrene	76		77		35-142	1		50
Biphenyl	77		78		37-127	1		50
4-Chloroaniline	71		67		40-140	6		50
2-Nitroaniline	78		77		47-134	1		50

Lab Control Sample Analysis **Batch Quality Control**

Project Name: SUN VALLEY NURSERY FILLING STA

Lab Number: L2354976

Project Number: 12060 / PHASE 8

Report Date: 09/26/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01,03,05,07,09 Batch: WG1829892-2 WG1829892-3								
3-Nitroaniline	77		76		26-129	1		50
4-Nitroaniline	92		90		41-125	2		50
Dibenzofuran	75		78		40-140	4		50
2-Methylnaphthalene	73		76		40-140	4		50
1,2,4,5-Tetrachlorobenzene	67		68		40-117	1		50
Acetophenone	79		82		14-144	4		50
2,4,6-Trichlorophenol	71		73		30-130	3		50
p-Chloro-m-cresol	77		77		26-103	0		50
2-Chlorophenol	77		81		25-102	5		50
2,4-Dichlorophenol	75		77		30-130	3		50
2,4-Dimethylphenol	76		78		30-130	3		50
2-Nitrophenol	73		76		30-130	4		50
4-Nitrophenol	99		96		11-114	3		50
2,4-Dinitrophenol	69		76		4-130	10		50
4,6-Dinitro-o-cresol	80		84		10-130	5		50
Pentachlorophenol	89		91		17-109	2		50
Phenol	78		81		26-90	4		50
2-Methylphenol	80		83		30-130	4		50
3-Methylphenol/4-Methylphenol	78		80		30-130	3		50
2,4,5-Trichlorophenol	72		74		30-130	3		50
Benzoic Acid	42		58		10-110	32		50
Benzyl Alcohol	75		78		40-140	4		50
Carbazole	82		82		54-128	0		50

Lab Control Sample Analysis**Batch Quality Control****Project Name:** SUN VALLEY NURSERY FILLING STA**Lab Number:** L2354976**Project Number:** 12060 / PHASE 8**Report Date:** 09/26/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01,03,05,07,09 Batch: WG1829892-2 WG1829892-3								
1,4-Dioxane	59		59		40-140	0		50

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	82		93		25-120
Phenol-d6	77		88		10-120
Nitrobenzene-d5	68		76		23-120
2-Fluorobiphenyl	63		72		30-120
2,4,6-Tribromophenol	78		90		10-136
4-Terphenyl-d14	70		80		18-120

PETROLEUM HYDROCARBONS

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 8

Lab Number: L2354976
Report Date: 09/26/23

SAMPLE RESULTS

Lab ID: L2354976-01
 Client ID: COMP_B2(0-7)
 Sample Location: Not Specified

Date Collected: 09/19/23 09:15
 Date Received: 09/19/23
 Field Prep: Not Specified

Sample Depth:
 Matrix: Soil
 Analytical Method: 103,NJDEP EPH
 Analytical Date: 09/22/23 10:39
 Analyst: CRE
 Percent Solids: 86%

Extraction Method: EPA 3546
 Extraction Date: 09/21/23 11:31

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
NJ Extractable Petroleum Hydrocarbons (Total) - Westborough Lab						
Total EPH	64.9		mg/kg	27.8	27.8	1
Surrogate	% Recovery		Qualifier	Acceptance Criteria		
Chloro-Octadecane	75			40-140		
o-Terphenyl	75			40-140		

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 8

Lab Number: L2354976
Report Date: 09/26/23

SAMPLE RESULTS

Lab ID: L2354976-03
 Client ID: COMP_B2(7-14)
 Sample Location: Not Specified

Date Collected: 09/19/23 09:30
 Date Received: 09/19/23
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 103,NJDEP EPH
 Analytical Date: 09/22/23 10:39
 Analyst: CRE
 Percent Solids: 88%

Extraction Method: EPA 3546
 Extraction Date: 09/21/23 11:31

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
NJ Extractable Petroleum Hydrocarbons (Total) - Westborough Lab						
Total EPH	ND		mg/kg	25.9	25.9	1
Surrogate	% Recovery		Qualifier	Acceptance Criteria		
Chloro-Octadecane	68			40-140		
o-Terphenyl	75			40-140		

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 8

Lab Number: L2354976
Report Date: 09/26/23

SAMPLE RESULTS

Lab ID: L2354976-05
 Client ID: COMP_B2(14-21)
 Sample Location: Not Specified

Date Collected: 09/19/23 09:45
 Date Received: 09/19/23
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 103,NJDEP EPH
 Analytical Date: 09/22/23 08:53
 Analyst: CRE
 Percent Solids: 90%

Extraction Method: EPA 3546
 Extraction Date: 09/21/23 11:31

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
NJ Extractable Petroleum Hydrocarbons (Total) - Westborough Lab						
Total EPH	ND		mg/kg	25.0	25.0	1
Surrogate	% Recovery		Qualifier	Acceptance Criteria		
Chloro-Octadecane	70			40-140		
o-Terphenyl	77			40-140		

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 8

Lab Number: L2354976
Report Date: 09/26/23

SAMPLE RESULTS

Lab ID: L2354976-07
 Client ID: COMP_E2(0-7)
 Sample Location: Not Specified

Date Collected: 09/19/23 11:45
 Date Received: 09/19/23
 Field Prep: Not Specified

Sample Depth:
 Matrix: Soil
 Analytical Method: 103,NJDEP EPH
 Analytical Date: 09/22/23 11:14
 Analyst: CRE
 Percent Solids: 89%

Extraction Method: EPA 3546
 Extraction Date: 09/21/23 11:31

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
NJ Extractable Petroleum Hydrocarbons (Total) - Westborough Lab						
Total EPH	30.5		mg/kg	26.2	26.2	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Chloro-Octadecane	75		40-140
o-Terphenyl	81		40-140

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 8

Lab Number: L2354976
Report Date: 09/26/23

SAMPLE RESULTS

Lab ID: L2354976-09
 Client ID: COMP_E2(7-14)
 Sample Location: Not Specified

Date Collected: 09/19/23 11:50
 Date Received: 09/19/23
 Field Prep: Not Specified

Sample Depth:
 Matrix: Soil
 Analytical Method: 103,NJDEP EPH
 Analytical Date: 09/22/23 09:28
 Analyst: CRE
 Percent Solids: 89%

Extraction Method: EPA 3546
 Extraction Date: 09/21/23 11:31

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
NJ Extractable Petroleum Hydrocarbons (Total) - Westborough Lab						
Total EPH	ND		mg/kg	26.2	26.2	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Chloro-Octadecane	62		40-140
o-Terphenyl	65		40-140

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 8

Lab Number: L2354976
Report Date: 09/26/23

Method Blank Analysis Batch Quality Control

Analytical Method: 103,NJDEP EPH
 Analytical Date: 09/22/23 10:03
 Analyst: CRE

Extraction Method: EPA 3546
 Extraction Date: 09/21/23 11:31

Parameter	Result	Qualifier	Units	RL	MDL
NJ Extractable Petroleum Hydrocarbons (Total) - Westborough Lab for sample(s): 01,03,05,07,09 Batch: WG1830304-1					
Total EPH	ND		mg/kg	23.2	23.2

Surrogate	%Recovery	Qualifier	Acceptance Criteria
Chloro-Octadecane	78		40-140
o-Terphenyl	78		40-140

Lab Control Sample Analysis

Batch Quality Control

Project Name: SUN VALLEY NURSERY FILLING STA

Project Number: 12060 / PHASE 8

Lab Number: L2354976

Report Date: 09/26/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
NJ Extractable Petroleum Hydrocarbons (Total) - Westborough Lab Associated sample(s): 01,03,05,07,09 Batch: WG1830304-2 WG1830304-3								
Total EPH	82		85		40-140	4		25
Nonane (C9)	70		74		40-140	6		25
Decane (C10)	70		74		40-140	6		25
Dodecane (C12)	71		74		40-140	4		25
Tetradecane (C14)	71		75		40-140	5		25
Hexadecane (C16)	73		77		40-140	5		25
Octadecane (C18)	71		75		40-140	5		25
Eicosane (C20)	73		76		40-140	4		25
Heneicosane (C21)	72		76		40-140	5		25
Docosane (C22)	72		75		40-140	4		25
Tetracosane (C24)	70		74		40-140	6		25
Hexacosane (C26)	70		73		40-140	4		25
Octacosane (C28)	69		80		40-140	15		25
triacontane (C30)	70		74		40-140	6		25
Dotriacontane (C32)	71		75		40-140	5		25
Tetratriacontane (C34)	69		73		40-140	6		25
Hexatriacontane (C36)	70		74		40-140	6		25
Octatriacontane (C38)	69		75		40-140	8		25
Tetracontane (C40)	69		75		40-140	8		25

Lab Control Sample Analysis**Batch Quality Control****Project Name:** SUN VALLEY NURSERY FILLING STA**Lab Number:** L2354976**Project Number:** 12060 / PHASE 8**Report Date:** 09/26/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
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NJ Extractable Petroleum Hydrocarbons (Total) - Westborough Lab Associated sample(s): 01,03,05,07,09 Batch: WG1830304-2 WG1830304-3

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
Chloro-Octadecane	71		73		40-140
o-Terphenyl	70		72		40-140

Matrix Spike Analysis**Batch Quality Control****Project Name:** SUN VALLEY NURSERY FILLING STA**Project Number:** 12060 / PHASE 8**Lab Number:** L2354976**Report Date:** 09/26/23

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
NJ Extractable Petroleum Hydrocarbons (Total) - Westborough Lab Client ID: COMP_B2(0-7) Associated sample(s): 01,03,05,07,09 QC Batch ID: WG1830304-4 QC Sample: L2354976-01												
Total EPH	64.9	273	238	63		-	-		40-140	-		50
Nonane (C9)	ND	7.58	5.94	78		-	-		40-140	-		50
Decane (C10)	ND	7.58	5.95	78		-	-		40-140	-		50
Dodecane (C12)	ND	7.58	6.04	80		-	-		40-140	-		50
Tetradecane (C14)	ND	7.58	5.95	78		-	-		40-140	-		50
Hexadecane (C16)	ND	7.58	6.01	79		-	-		40-140	-		50
Octadecane (C18)	ND	7.58	5.78	76		-	-		40-140	-		50
Eicosane (C20)	ND	7.58	5.87	77		-	-		40-140	-		50
Heneicosane (C21)	ND	7.58	5.81	77		-	-		40-140	-		50
Docosane (C22)	ND	7.58	5.76	76		-	-		40-140	-		50
Tetracosane (C24)	ND	7.58	5.66	75		-	-		40-140	-		50
Hexacosane (C26)	ND	7.58	5.60	74		-	-		40-140	-		50
Octacosane (C28)	ND	7.58	5.58	74		-	-		40-140	-		50
triacontane (C30)	ND	7.58	5.59	74		-	-		40-140	-		50
Dotriacontane (C32)	ND	7.58	5.60	74		-	-		40-140	-		50
Tetratriacontane (C34)	ND	7.58	5.40	71		-	-		40-140	-		50
Hexatriacontane (C36)	ND	7.58	5.37	71		-	-		40-140	-		50
Octatriacontane (C38)	ND	7.58	5.40	71		-	-		40-140	-		50
Tetracontane (C40)	ND	7.58	5.41	71		-	-		40-140	-		50

Surrogate	MS % Recovery	MSD % Recovery	MS Qualifier	MSD Qualifier	Acceptance Criteria
Chloro-Octadecane	74				40-140

Matrix Spike Analysis**Batch Quality Control****Project Name:** SUN VALLEY NURSERY FILLING STA**Lab Number:** L2354976**Project Number:** 12060 / PHASE 8**Report Date:** 09/26/23

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
NJ Extractable Petroleum Hydrocarbons (Total) - Westborough Lab Associated sample(s): 01,03,05,07,09 QC Batch ID: WG1830304-4 QC Sample: L2354976-01 Client ID: COMP_B2(0-7)												

Surrogate	MS % Recovery	MS Qualifier	MSD % Recovery	MSD Qualifier	Acceptance Criteria
o-Terphenyl	74				40-140

Lab Duplicate Analysis Batch Quality Control

Project Name: SUN VALLEY NURSERY FILLING STA

Project Number: 12060 / PHASE 8

Lab Number: L2354976

Report Date: 09/26/23

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
NJ Extractable Petroleum Hydrocarbons (Total) - Westborough Lab Associated sample(s): 01,03,05,07,09 QC Batch ID: WG1830304-5 QC Sample: L2354976-01 Client ID: COMP_B2(0-7)						
Total EPH	64.9	ND	mg/kg	NC		50

Surrogate	%Recovery	Qualifier	%Recovery	Qualifier	Acceptance Criteria
Chloro-Octadecane	75		74		40-140
o-Terphenyl	75		74		40-140

PCBS

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 8

Lab Number: L2354976
Report Date: 09/26/23

SAMPLE RESULTS

Lab ID: L2354976-01
Client ID: COMP_B2(0-7)
Sample Location: Not Specified

Date Collected: 09/19/23 09:15
Date Received: 09/19/23
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 09/21/23 23:55
Analyst: ENT
Percent Solids: 86%

Extraction Method: EPA 3546
Extraction Date: 09/21/23 10:27
Cleanup Method: EPA 3665A
Cleanup Date: 09/21/23
Cleanup Method: EPA 3660B
Cleanup Date: 09/21/23

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	55.5	4.93	1	A
Aroclor 1221	ND		ug/kg	55.5	5.56	1	A
Aroclor 1232	ND		ug/kg	55.5	11.8	1	A
Aroclor 1242	ND		ug/kg	55.5	7.49	1	A
Aroclor 1248	ND		ug/kg	55.5	8.33	1	A
Aroclor 1254	ND		ug/kg	55.5	6.08	1	A
Aroclor 1260	ND		ug/kg	55.5	10.3	1	A
Aroclor 1262	ND		ug/kg	55.5	7.05	1	A
Aroclor 1268	ND		ug/kg	55.5	5.75	1	A
PCBs, Total	ND		ug/kg	55.5	4.93	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	33		30-150	A
Decachlorobiphenyl	29	Q	30-150	A
2,4,5,6-Tetrachloro-m-xylene	33		30-150	B
Decachlorobiphenyl	31		30-150	B

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 8

Lab Number: L2354976
Report Date: 09/26/23

SAMPLE RESULTS

Lab ID: L2354976-03
Client ID: COMP_B2(7-14)
Sample Location: Not Specified

Date Collected: 09/19/23 09:30
Date Received: 09/19/23
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 09/22/23 00:04
Analyst: ENT
Percent Solids: 88%

Extraction Method: EPA 3546
Extraction Date: 09/21/23 10:27
Cleanup Method: EPA 3665A
Cleanup Date: 09/21/23
Cleanup Method: EPA 3660B
Cleanup Date: 09/21/23

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	56.0	4.97	1	A
Aroclor 1221	ND		ug/kg	56.0	5.61	1	A
Aroclor 1232	ND		ug/kg	56.0	11.9	1	A
Aroclor 1242	ND		ug/kg	56.0	7.54	1	A
Aroclor 1248	ND		ug/kg	56.0	8.39	1	A
Aroclor 1254	ND		ug/kg	56.0	6.12	1	A
Aroclor 1260	ND		ug/kg	56.0	10.3	1	A
Aroclor 1262	ND		ug/kg	56.0	7.11	1	A
Aroclor 1268	ND		ug/kg	56.0	5.80	1	A
PCBs, Total	ND		ug/kg	56.0	4.97	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	52		30-150	A
Decachlorobiphenyl	46		30-150	A
2,4,5,6-Tetrachloro-m-xylene	52		30-150	B
Decachlorobiphenyl	48		30-150	B

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 8

Lab Number: L2354976
Report Date: 09/26/23

SAMPLE RESULTS

Lab ID: L2354976-05
Client ID: COMP_B2(14-21)
Sample Location: Not Specified

Date Collected: 09/19/23 09:45
Date Received: 09/19/23
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 09/22/23 00:12
Analyst: ENT
Percent Solids: 90%

Extraction Method: EPA 3546
Extraction Date: 09/21/23 10:27
Cleanup Method: EPA 3665A
Cleanup Date: 09/21/23
Cleanup Method: EPA 3660B
Cleanup Date: 09/21/23

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	53.0	4.70	1	A
Aroclor 1221	ND		ug/kg	53.0	5.31	1	A
Aroclor 1232	ND		ug/kg	53.0	11.2	1	A
Aroclor 1242	ND		ug/kg	53.0	7.14	1	A
Aroclor 1248	ND		ug/kg	53.0	7.94	1	A
Aroclor 1254	ND		ug/kg	53.0	5.79	1	A
Aroclor 1260	ND		ug/kg	53.0	9.79	1	A
Aroclor 1262	ND		ug/kg	53.0	6.72	1	A
Aroclor 1268	ND		ug/kg	53.0	5.49	1	A
PCBs, Total	ND		ug/kg	53.0	4.70	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	36		30-150	A
Decachlorobiphenyl	32		30-150	A
2,4,5,6-Tetrachloro-m-xylene	35		30-150	B
Decachlorobiphenyl	32		30-150	B

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 8

Lab Number: L2354976
Report Date: 09/26/23

SAMPLE RESULTS

Lab ID: L2354976-07
Client ID: COMP_E2(0-7)
Sample Location: Not Specified

Date Collected: 09/19/23 11:45
Date Received: 09/19/23
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 09/22/23 00:21
Analyst: ENT
Percent Solids: 89%

Extraction Method: EPA 3546
Extraction Date: 09/21/23 10:27
Cleanup Method: EPA 3665A
Cleanup Date: 09/21/23
Cleanup Method: EPA 3660B
Cleanup Date: 09/21/23

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	54.4	4.83	1	A
Aroclor 1221	ND		ug/kg	54.4	5.45	1	A
Aroclor 1232	ND		ug/kg	54.4	11.5	1	A
Aroclor 1242	ND		ug/kg	54.4	7.33	1	A
Aroclor 1248	ND		ug/kg	54.4	8.16	1	A
Aroclor 1254	ND		ug/kg	54.4	5.95	1	A
Aroclor 1260	ND		ug/kg	54.4	10.0	1	A
Aroclor 1262	ND		ug/kg	54.4	6.91	1	A
Aroclor 1268	ND		ug/kg	54.4	5.63	1	A
PCBs, Total	ND		ug/kg	54.4	4.83	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	50		30-150	A
Decachlorobiphenyl	39		30-150	A
2,4,5,6-Tetrachloro-m-xylene	51		30-150	B
Decachlorobiphenyl	41		30-150	B

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 8

Lab Number: L2354976
Report Date: 09/26/23

SAMPLE RESULTS

Lab ID: L2354976-09
Client ID: COMP_E2(7-14)
Sample Location: Not Specified

Date Collected: 09/19/23 11:50
Date Received: 09/19/23
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 09/22/23 00:29
Analyst: ENT
Percent Solids: 89%

Extraction Method: EPA 3546
Extraction Date: 09/21/23 10:27
Cleanup Method: EPA 3665A
Cleanup Date: 09/21/23
Cleanup Method: EPA 3660B
Cleanup Date: 09/21/23

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	51.6	4.58	1	A
Aroclor 1221	ND		ug/kg	51.6	5.17	1	A
Aroclor 1232	ND		ug/kg	51.6	10.9	1	A
Aroclor 1242	ND		ug/kg	51.6	6.95	1	A
Aroclor 1248	ND		ug/kg	51.6	7.74	1	A
Aroclor 1254	ND		ug/kg	51.6	5.64	1	A
Aroclor 1260	ND		ug/kg	51.6	9.53	1	A
Aroclor 1262	ND		ug/kg	51.6	6.55	1	A
Aroclor 1268	ND		ug/kg	51.6	5.34	1	A
PCBs, Total	ND		ug/kg	51.6	4.58	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	62		30-150	A
Decachlorobiphenyl	57		30-150	A
2,4,5,6-Tetrachloro-m-xylene	63		30-150	B
Decachlorobiphenyl	60		30-150	B

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 8

Lab Number: L2354976
Report Date: 09/26/23

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8082A
 Analytical Date: 09/21/23 23:30
 Analyst: ENT

Extraction Method: EPA 3546
 Extraction Date: 09/21/23 10:20
 Cleanup Method: EPA 3665A
 Cleanup Date: 09/21/23
 Cleanup Method: EPA 3660B
 Cleanup Date: 09/21/23

Parameter	Result	Qualifier	Units	RL	MDL	Column
Polychlorinated Biphenyls by GC - Westborough Lab for sample(s): 01,03,05,07,09 Batch: WG1830264-1						
Aroclor 1016	ND		ug/kg	47.6	4.22	A
Aroclor 1221	ND		ug/kg	47.6	4.77	A
Aroclor 1232	ND		ug/kg	47.6	10.1	A
Aroclor 1242	ND		ug/kg	47.6	6.41	A
Aroclor 1248	ND		ug/kg	47.6	7.14	A
Aroclor 1254	ND		ug/kg	47.6	5.20	A
Aroclor 1260	ND		ug/kg	47.6	8.79	A
Aroclor 1262	ND		ug/kg	47.6	6.04	A
Aroclor 1268	ND		ug/kg	47.6	4.93	A
PCBs, Total	ND		ug/kg	47.6	4.22	A

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	75		30-150	A
Decachlorobiphenyl	67		30-150	A
2,4,5,6-Tetrachloro-m-xylene	77		30-150	B
Decachlorobiphenyl	67		30-150	B

Lab Control Sample Analysis

Batch Quality Control

Project Name: SUN VALLEY NURSERY FILLING STA

Lab Number: L2354976

Project Number: 12060 / PHASE 8

Report Date: 09/26/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Polychlorinated Biphenyls by GC - Westborough Lab Associated sample(s): 01,03,05,07,09 Batch: WG1830264-2 WG1830264-3									
Aroclor 1016	81		89		40-140	9		50	A
Aroclor 1260	72		80		40-140	11		50	A

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	72		80		30-150	A
Decachlorobiphenyl	66		72		30-150	A
2,4,5,6-Tetrachloro-m-xylene	74		83		30-150	B
Decachlorobiphenyl	68		75		30-150	B

PESTICIDES

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 8

Lab Number: L2354976
Report Date: 09/26/23

SAMPLE RESULTS

Lab ID: L2354976-01
Client ID: COMP_B2(0-7)
Sample Location: Not Specified

Date Collected: 09/19/23 09:15
Date Received: 09/19/23
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 09/22/23 11:40
Analyst: JAG
Percent Solids: 86%

Extraction Method: EPA 3546
Extraction Date: 09/21/23 11:59
Cleanup Method: EPA 3620B
Cleanup Date: 09/22/23
Cleanup Method: EPA 3660B
Cleanup Date: 09/22/23

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.82	0.356	1	A
Lindane	ND		ug/kg	0.756	0.338	1	A
Alpha-BHC	ND		ug/kg	0.756	0.215	1	A
Beta-BHC	ND		ug/kg	1.82	0.688	1	A
Heptachlor	ND		ug/kg	0.908	0.407	1	A
Aldrin	ND		ug/kg	1.82	0.639	1	A
Heptachlor epoxide	ND		ug/kg	3.40	1.02	1	A
Endrin	ND		ug/kg	0.756	0.310	1	A
Endrin aldehyde	ND		ug/kg	2.27	0.794	1	A
Endrin ketone	ND		ug/kg	1.82	0.468	1	A
Dieldrin	ND		ug/kg	1.13	0.567	1	A
4,4'-DDE	0.445	JIP	ug/kg	1.82	0.420	1	A
4,4'-DDD	1.16	J	ug/kg	1.82	0.648	1	B
4,4'-DDT	ND		ug/kg	1.82	1.46	1	A
Endosulfan I	ND		ug/kg	1.82	0.429	1	A
Endosulfan II	ND		ug/kg	1.82	0.607	1	A
Endosulfan sulfate	ND		ug/kg	0.756	0.360	1	A
Methoxychlor	ND		ug/kg	3.40	1.06	1	A
Toxaphene	ND		ug/kg	34.0	9.53	1	A
cis-Chlordane	2.83		ug/kg	2.27	0.632	1	A
trans-Chlordane	1.58	JIP	ug/kg	2.27	0.599	1	B
Chlordane	24.3	P	ug/kg	15.1	6.01	1	B

Project Name: SUN VALLEY NURSERY FILLING STA**Lab Number:** L2354976**Project Number:** 12060 / PHASE 8**Report Date:** 09/26/23**SAMPLE RESULTS**

Lab ID: L2354976-01

Date Collected: 09/19/23 09:15

Client ID: COMP_B2(0-7)

Date Received: 09/19/23

Sample Location: Not Specified

Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	52		30-150	A
Decachlorobiphenyl	50		30-150	A
2,4,5,6-Tetrachloro-m-xylene	79		30-150	B
Decachlorobiphenyl	58		30-150	B

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 8

Lab Number: L2354976
Report Date: 09/26/23

SAMPLE RESULTS

Lab ID: L2354976-01
 Client ID: COMP_B2(0-7)
 Sample Location: Not Specified

Date Collected: 09/19/23 09:15
 Date Received: 09/19/23
 Field Prep: Not Specified

Sample Depth:
 Matrix: Soil
 Analytical Method: 1,8151A
 Analytical Date: 09/24/23 15:17
 Analyst: EJJ
 Percent Solids: 86%
 Methylation Date: 09/23/23 22:21

Extraction Method: EPA 8151A
 Extraction Date: 09/22/23 11:45

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
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Chlorinated Herbicides by GC - Westborough Lab

2,4-D	ND		ug/kg	193	12.2	1	A
2,4,5-T	ND		ug/kg	193	5.99	1	A
2,4,5-TP (Silvex)	ND		ug/kg	193	5.14	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
DCAA	85		30-150	A
DCAA	82		30-150	B

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 8

Lab Number: L2354976
Report Date: 09/26/23

SAMPLE RESULTS

Lab ID: L2354976-03
Client ID: COMP_B2(7-14)
Sample Location: Not Specified

Date Collected: 09/19/23 09:30
Date Received: 09/19/23
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 09/22/23 11:51
Analyst: JAG
Percent Solids: 88%

Extraction Method: EPA 3546
Extraction Date: 09/21/23 11:59
Cleanup Method: EPA 3620B
Cleanup Date: 09/22/23
Cleanup Method: EPA 3660B
Cleanup Date: 09/22/23

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.74	0.340	1	A
Lindane	ND		ug/kg	0.724	0.323	1	A
Alpha-BHC	ND		ug/kg	0.724	0.206	1	A
Beta-BHC	ND		ug/kg	1.74	0.658	1	A
Heptachlor	ND		ug/kg	0.868	0.389	1	A
Aldrin	ND		ug/kg	1.74	0.611	1	A
Heptachlor epoxide	ND		ug/kg	3.26	0.977	1	A
Endrin	ND		ug/kg	0.724	0.297	1	A
Endrin aldehyde	ND		ug/kg	2.17	0.760	1	A
Endrin ketone	ND		ug/kg	1.74	0.447	1	A
Dieldrin	ND		ug/kg	1.08	0.543	1	A
4,4'-DDE	ND		ug/kg	1.74	0.402	1	A
4,4'-DDD	ND		ug/kg	1.74	0.619	1	A
4,4'-DDT	ND		ug/kg	1.74	1.40	1	A
Endosulfan I	ND		ug/kg	1.74	0.410	1	A
Endosulfan II	ND		ug/kg	1.74	0.580	1	A
Endosulfan sulfate	ND		ug/kg	0.724	0.344	1	A
Methoxychlor	ND		ug/kg	3.26	1.01	1	A
Toxaphene	ND		ug/kg	32.6	9.12	1	A
cis-Chlordane	ND		ug/kg	2.17	0.605	1	A
trans-Chlordane	ND		ug/kg	2.17	0.573	1	A
Chlordane	ND		ug/kg	14.5	5.75	1	A

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 8

Lab Number: L2354976
Report Date: 09/26/23

SAMPLE RESULTS

Lab ID: L2354976-03
Client ID: COMP_B2(7-14)
Sample Location: Not Specified

Date Collected: 09/19/23 09:30
Date Received: 09/19/23
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	66		30-150	A
Decachlorobiphenyl	67		30-150	A
2,4,5,6-Tetrachloro-m-xylene	80		30-150	B
Decachlorobiphenyl	61		30-150	B

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 8

Lab Number: L2354976
Report Date: 09/26/23

SAMPLE RESULTS

Lab ID: L2354976-03
Client ID: COMP_B2(7-14)
Sample Location: Not Specified

Date Collected: 09/19/23 09:30
Date Received: 09/19/23
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8151A
Analytical Date: 09/24/23 22:45
Analyst: EJJ
Percent Solids: 88%
Methylation Date: 09/23/23 23:45

Extraction Method: EPA 8151A
Extraction Date: 09/22/23 11:45

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
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Chlorinated Herbicides by GC - Westborough Lab

2,4-D	ND		ug/kg	184	11.6	1	A
2,4,5-T	ND		ug/kg	184	5.72	1	A
2,4,5-TP (Silvex)	ND		ug/kg	184	4.90	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
DCAA	94		30-150	A
DCAA	94		30-150	B

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 8

Lab Number: L2354976
Report Date: 09/26/23

SAMPLE RESULTS

Lab ID: L2354976-05
Client ID: COMP_B2(14-21)
Sample Location: Not Specified

Date Collected: 09/19/23 09:45
Date Received: 09/19/23
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 09/22/23 12:13
Analyst: JAG
Percent Solids: 90%

Extraction Method: EPA 3546
Extraction Date: 09/21/23 11:59
Cleanup Method: EPA 3620B
Cleanup Date: 09/22/23
Cleanup Method: EPA 3660B
Cleanup Date: 09/22/23

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.67	0.328	1	A
Lindane	ND		ug/kg	0.697	0.312	1	A
Alpha-BHC	ND		ug/kg	0.697	0.198	1	A
Beta-BHC	ND		ug/kg	1.67	0.635	1	A
Heptachlor	ND		ug/kg	0.837	0.375	1	A
Aldrin	ND		ug/kg	1.67	0.589	1	A
Heptachlor epoxide	ND		ug/kg	3.14	0.942	1	A
Endrin	ND		ug/kg	0.697	0.286	1	A
Endrin aldehyde	ND		ug/kg	2.09	0.732	1	A
Endrin ketone	ND		ug/kg	1.67	0.431	1	A
Dieldrin	ND		ug/kg	1.05	0.523	1	A
4,4'-DDE	ND		ug/kg	1.67	0.387	1	A
4,4'-DDD	ND		ug/kg	1.67	0.597	1	A
4,4'-DDT	ND		ug/kg	1.67	1.35	1	A
Endosulfan I	ND		ug/kg	1.67	0.395	1	A
Endosulfan II	ND		ug/kg	1.67	0.559	1	A
Endosulfan sulfate	ND		ug/kg	0.697	0.332	1	A
Methoxychlor	ND		ug/kg	3.14	0.976	1	A
Toxaphene	ND		ug/kg	31.4	8.79	1	A
cis-Chlordane	ND		ug/kg	2.09	0.583	1	A
trans-Chlordane	ND		ug/kg	2.09	0.552	1	A
Chlordane	ND		ug/kg	13.9	5.54	1	A

Project Name: SUN VALLEY NURSERY FILLING STA**Lab Number:** L2354976**Project Number:** 12060 / PHASE 8**Report Date:** 09/26/23**SAMPLE RESULTS**

Lab ID: L2354976-05

Date Collected: 09/19/23 09:45

Client ID: COMP_B2(14-21)

Date Received: 09/19/23

Sample Location: Not Specified

Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	54		30-150	A
Decachlorobiphenyl	59		30-150	A
2,4,5,6-Tetrachloro-m-xylene	65		30-150	B
Decachlorobiphenyl	54		30-150	B

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 8

Lab Number: L2354976
Report Date: 09/26/23

SAMPLE RESULTS

Lab ID: L2354976-05
 Client ID: COMP_B2(14-21)
 Sample Location: Not Specified

Date Collected: 09/19/23 09:45
 Date Received: 09/19/23
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8151A
 Analytical Date: 09/24/23 23:04
 Analyst: EJJ
 Percent Solids: 90%
 Methylation Date: 09/23/23 23:45

Extraction Method: EPA 8151A
 Extraction Date: 09/22/23 11:45

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
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Chlorinated Herbicides by GC - Westborough Lab

2,4-D	ND		ug/kg	185	11.6	1	A
2,4,5-T	ND		ug/kg	185	5.73	1	A
2,4,5-TP (Silvex)	ND		ug/kg	185	4.92	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
DCAA	95		30-150	A
DCAA	94		30-150	B

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 8

Lab Number: L2354976
Report Date: 09/26/23

SAMPLE RESULTS

Lab ID: L2354976-07
Client ID: COMP_E2(0-7)
Sample Location: Not Specified

Date Collected: 09/19/23 11:45
Date Received: 09/19/23
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 09/22/23 12:24
Analyst: JAG
Percent Solids: 89%

Extraction Method: EPA 3546
Extraction Date: 09/21/23 11:59
Cleanup Method: EPA 3620B
Cleanup Date: 09/22/23
Cleanup Method: EPA 3660B
Cleanup Date: 09/22/23

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.79	0.350	1	A
Lindane	ND		ug/kg	0.745	0.333	1	A
Alpha-BHC	ND		ug/kg	0.745	0.212	1	A
Beta-BHC	ND		ug/kg	1.79	0.678	1	A
Heptachlor	ND		ug/kg	0.894	0.401	1	A
Aldrin	ND		ug/kg	1.79	0.630	1	A
Heptachlor epoxide	ND		ug/kg	3.35	1.00	1	A
Endrin	ND		ug/kg	0.745	0.305	1	A
Endrin aldehyde	ND		ug/kg	2.24	0.782	1	A
Endrin ketone	ND		ug/kg	1.79	0.460	1	A
Dieldrin	ND		ug/kg	1.12	0.559	1	A
4,4'-DDE	ND		ug/kg	1.79	0.414	1	A
4,4'-DDD	ND		ug/kg	1.79	0.638	1	A
4,4'-DDT	ND		ug/kg	1.79	1.44	1	A
Endosulfan I	ND		ug/kg	1.79	0.422	1	A
Endosulfan II	ND		ug/kg	1.79	0.598	1	A
Endosulfan sulfate	ND		ug/kg	0.745	0.355	1	A
Methoxychlor	ND		ug/kg	3.35	1.04	1	A
Toxaphene	ND		ug/kg	33.5	9.39	1	A
cis-Chlordane	ND		ug/kg	2.24	0.623	1	A
trans-Chlordane	ND		ug/kg	2.24	0.590	1	A
Chlordane	ND		ug/kg	14.9	5.92	1	A

Project Name: SUN VALLEY NURSERY FILLING STA**Lab Number:** L2354976**Project Number:** 12060 / PHASE 8**Report Date:** 09/26/23**SAMPLE RESULTS**

Lab ID: L2354976-07

Date Collected: 09/19/23 11:45

Client ID: COMP_E2(0-7)

Date Received: 09/19/23

Sample Location: Not Specified

Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	57		30-150	A
Decachlorobiphenyl	60		30-150	A
2,4,5,6-Tetrachloro-m-xylene	69		30-150	B
Decachlorobiphenyl	59		30-150	B

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 8

Lab Number: L2354976
Report Date: 09/26/23

SAMPLE RESULTS

Lab ID: L2354976-07
 Client ID: COMP_E2(0-7)
 Sample Location: Not Specified

Date Collected: 09/19/23 11:45
 Date Received: 09/19/23
 Field Prep: Not Specified

Sample Depth:
 Matrix: Soil
 Analytical Method: 1,8151A
 Analytical Date: 09/24/23 23:41
 Analyst: EJJ
 Percent Solids: 89%
 Methylation Date: 09/23/23 23:45

Extraction Method: EPA 8151A
 Extraction Date: 09/22/23 11:45

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Chlorinated Herbicides by GC - Westborough Lab							
2,4-D	ND		ug/kg	187	11.8	1	A
2,4,5-T	ND		ug/kg	187	5.80	1	A
2,4,5-TP (Silvex)	ND		ug/kg	187	4.97	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
DCAA	89		30-150	A
DCAA	87		30-150	B

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 8

Lab Number: L2354976
Report Date: 09/26/23

SAMPLE RESULTS

Lab ID: L2354976-09
Client ID: COMP_E2(7-14)
Sample Location: Not Specified

Date Collected: 09/19/23 11:50
Date Received: 09/19/23
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 09/22/23 12:35
Analyst: JAG
Percent Solids: 89%

Extraction Method: EPA 3546
Extraction Date: 09/21/23 11:59
Cleanup Method: EPA 3620B
Cleanup Date: 09/22/23
Cleanup Method: EPA 3660B
Cleanup Date: 09/22/23

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.74	0.341	1	A
Lindane	ND		ug/kg	0.725	0.324	1	A
Alpha-BHC	ND		ug/kg	0.725	0.206	1	A
Beta-BHC	ND		ug/kg	1.74	0.660	1	A
Heptachlor	ND		ug/kg	0.870	0.390	1	A
Aldrin	ND		ug/kg	1.74	0.613	1	A
Heptachlor epoxide	ND		ug/kg	3.26	0.979	1	A
Endrin	ND		ug/kg	0.725	0.297	1	A
Endrin aldehyde	ND		ug/kg	2.18	0.761	1	A
Endrin ketone	ND		ug/kg	1.74	0.448	1	A
Dieldrin	ND		ug/kg	1.09	0.544	1	A
4,4'-DDE	ND		ug/kg	1.74	0.402	1	A
4,4'-DDD	ND		ug/kg	1.74	0.621	1	A
4,4'-DDT	ND		ug/kg	1.74	1.40	1	A
Endosulfan I	ND		ug/kg	1.74	0.411	1	A
Endosulfan II	ND		ug/kg	1.74	0.582	1	A
Endosulfan sulfate	ND		ug/kg	0.725	0.345	1	A
Methoxychlor	ND		ug/kg	3.26	1.02	1	A
Toxaphene	ND		ug/kg	32.6	9.14	1	A
cis-Chlordane	ND		ug/kg	2.18	0.606	1	A
trans-Chlordane	ND		ug/kg	2.18	0.574	1	A
Chlordane	ND		ug/kg	14.5	5.76	1	A

Project Name: SUN VALLEY NURSERY FILLING STA**Lab Number:** L2354976**Project Number:** 12060 / PHASE 8**Report Date:** 09/26/23**SAMPLE RESULTS**

Lab ID: L2354976-09

Date Collected: 09/19/23 11:50

Client ID: COMP_E2(7-14)

Date Received: 09/19/23

Sample Location: Not Specified

Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	59		30-150	A
Decachlorobiphenyl	62		30-150	A
2,4,5,6-Tetrachloro-m-xylene	72		30-150	B
Decachlorobiphenyl	58		30-150	B

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 8

Lab Number: L2354976
Report Date: 09/26/23

SAMPLE RESULTS

Lab ID: L2354976-09
 Client ID: COMP_E2(7-14)
 Sample Location: Not Specified

Date Collected: 09/19/23 11:50
 Date Received: 09/19/23
 Field Prep: Not Specified

Sample Depth:
 Matrix: Soil
 Analytical Method: 1,8151A
 Analytical Date: 09/24/23 23:59
 Analyst: EJJ
 Percent Solids: 89%
 Methylation Date: 09/23/23 23:45

Extraction Method: EPA 8151A
 Extraction Date: 09/22/23 11:45

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Chlorinated Herbicides by GC - Westborough Lab							
2,4-D	ND		ug/kg	182	11.5	1	A
2,4,5-T	ND		ug/kg	182	5.66	1	A
2,4,5-TP (Silvex)	ND		ug/kg	182	4.85	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
DCAA	90		30-150	A
DCAA	88		30-150	B

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 8

Lab Number: L2354976
Report Date: 09/26/23

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8081B
 Analytical Date: 09/22/23 09:05
 Analyst: AKM

Extraction Method: EPA 3546
 Extraction Date: 09/21/23 11:59
 Cleanup Method: EPA 3620B
 Cleanup Date: 09/22/23
 Cleanup Method: EPA 3660B
 Cleanup Date: 09/22/23

Parameter	Result	Qualifier	Units	RL	MDL	Column
Organochlorine Pesticides by GC - Westborough Lab for sample(s): 01,03,05,07,09 Batch: WG1830332-1						
Delta-BHC	ND		ug/kg	1.54	0.302	A
Lindane	ND		ug/kg	0.643	0.287	A
Alpha-BHC	ND		ug/kg	0.643	0.182	A
Beta-BHC	ND		ug/kg	1.54	0.585	A
Heptachlor	ND		ug/kg	0.771	0.346	A
Aldrin	ND		ug/kg	1.54	0.543	A
Heptachlor epoxide	ND		ug/kg	2.89	0.868	A
Endrin	ND		ug/kg	0.643	0.263	A
Endrin aldehyde	ND		ug/kg	1.93	0.675	A
Endrin ketone	ND		ug/kg	1.54	0.397	A
Dieldrin	ND		ug/kg	0.964	0.482	A
4,4'-DDE	ND		ug/kg	1.54	0.357	A
4,4'-DDD	ND		ug/kg	1.54	0.550	A
4,4'-DDT	ND		ug/kg	1.54	1.24	A
Endosulfan I	ND		ug/kg	1.54	0.364	A
Endosulfan II	ND		ug/kg	1.54	0.515	A
Endosulfan sulfate	ND		ug/kg	0.643	0.306	A
Methoxychlor	ND		ug/kg	2.89	0.900	A
Toxaphene	ND		ug/kg	28.9	8.10	A
cis-Chlordane	ND		ug/kg	1.93	0.537	A
trans-Chlordane	ND		ug/kg	1.93	0.509	A
Chlordane	ND		ug/kg	12.8	5.11	A

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 8

Lab Number: L2354976
Report Date: 09/26/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8081B
 Analytical Date: 09/22/23 09:05
 Analyst: AKM

Extraction Method: EPA 3546
 Extraction Date: 09/21/23 11:59
 Cleanup Method: EPA 3620B
 Cleanup Date: 09/22/23
 Cleanup Method: EPA 3660B
 Cleanup Date: 09/22/23

Parameter	Result	Qualifier	Units	RL	MDL	Column
Organochlorine Pesticides by GC - Westborough Lab for sample(s): 01,03,05,07,09 Batch: WG1830332-1						

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	62		30-150	A
Decachlorobiphenyl	65		30-150	A
2,4,5,6-Tetrachloro-m-xylene	73		30-150	B
Decachlorobiphenyl	64		30-150	B

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 8

Lab Number: L2354976
Report Date: 09/26/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8151A
 Analytical Date: 09/24/23 12:50
 Analyst: EJL

Extraction Method: EPA 8151A
 Extraction Date: 09/22/23 11:45

Methylation Date: 09/23/23 22:21

Parameter	Result	Qualifier	Units	RL	MDL	Column
Chlorinated Herbicides by GC - Westborough Lab for sample(s): 01,03,05,07,09 Batch: WG1830807-1						
2,4-D	ND		ug/kg	166	10.4	A
2,4,5-T	ND		ug/kg	166	5.13	A
2,4,5-TP (Silvex)	ND		ug/kg	166	4.40	A

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
DCAA	84		30-150	A
DCAA	90		30-150	B

Lab Control Sample Analysis **Batch Quality Control**

Project Name: SUN VALLEY NURSERY FILLING STA

Lab Number: L2354976

Project Number: 12060 / PHASE 8

Report Date: 09/26/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 01,03,05,07,09 Batch: WG1830332-2 WG1830332-3									
Delta-BHC	81		89		30-150	9		30	A
Lindane	75		81		30-150	8		30	A
Alpha-BHC	75		81		30-150	8		30	A
Beta-BHC	77		80		30-150	4		30	A
Heptachlor	74		78		30-150	5		30	A
Aldrin	74		80		30-150	8		30	A
Heptachlor epoxide	68		74		30-150	8		30	A
Endrin	74		83		30-150	11		30	A
Endrin aldehyde	60		67		30-150	11		30	A
Endrin ketone	82		88		30-150	7		30	A
Dieldrin	82		89		30-150	8		30	A
4,4'-DDE	77		82		30-150	6		30	A
4,4'-DDD	79		88		30-150	11		30	A
4,4'-DDT	78		85		30-150	9		30	A
Endosulfan I	75		80		30-150	6		30	A
Endosulfan II	76		83		30-150	9		30	A
Endosulfan sulfate	76		83		30-150	9		30	A
Methoxychlor	76		84		30-150	10		30	A
cis-Chlordane	70		75		30-150	7		30	A
trans-Chlordane	76		82		30-150	8		30	A

Lab Control Sample Analysis**Batch Quality Control****Project Name:** SUN VALLEY NURSERY FILLING STA**Lab Number:** L2354976**Project Number:** 12060 / PHASE 8**Report Date:** 09/26/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
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Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 01,03,05,07,09 Batch: WG1830332-2 WG1830332-3

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	61		66		30-150	A
Decachlorobiphenyl	67		72		30-150	A
2,4,5,6-Tetrachloro-m-xylene	72		76		30-150	B
Decachlorobiphenyl	64		70		30-150	B

Lab Control Sample Analysis**Batch Quality Control****Project Name:** SUN VALLEY NURSERY FILLING STA**Lab Number:** L2354976**Project Number:** 12060 / PHASE 8**Report Date:** 09/26/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Chlorinated Herbicides by GC - Westborough Lab Associated sample(s): 01,03,05,07,09 Batch: WG1830807-2 WG1830807-3									
2,4-D	79		87		30-150	10		30	A
2,4,5-T	89		101		30-150	13		30	A
2,4,5-TP (Silvex)	84		95		30-150	12		30	A

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
DCAA	77		82		30-150	A
DCAA	92		92		30-150	B

METALS

Project Name: SUN VALLEY NURSERY FILLING STA**Lab Number:** L2354976**Project Number:** 12060 / PHASE 8**Report Date:** 09/26/23**SAMPLE RESULTS**

Lab ID: L2354976-01

Date Collected: 09/19/23 09:15

Client ID: COMP_B2(0-7)

Date Received: 09/19/23

Sample Location: Not Specified

Field Prep: Not Specified

Sample Depth:

TCLP/SPLP Ext. Date: 09/20/23 20:54

Matrix: Soil

Percent Solids: 86%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
TCLP Metals by EPA 1311 - Mansfield Lab											
Arsenic, TCLP	ND		mg/l	1.00	0.0190	1	09/22/23 20:10	09/23/23 10:14	EPA 3015	1,6010D	JMF
Barium, TCLP	0.940		mg/l	0.500	0.0210	1	09/22/23 20:10	09/23/23 10:14	EPA 3015	1,6010D	JMF
Cadmium, TCLP	ND		mg/l	0.100	0.0100	1	09/22/23 20:10	09/23/23 10:14	EPA 3015	1,6010D	JMF
Chromium, TCLP	ND		mg/l	0.200	0.0210	1	09/22/23 20:10	09/23/23 10:14	EPA 3015	1,6010D	JMF
Lead, TCLP	ND		mg/l	0.500	0.0270	1	09/22/23 20:10	09/23/23 10:14	EPA 3015	1,6010D	JMF
Mercury, TCLP	ND		mg/l	0.0010	0.0005	1	09/22/23 17:19	09/25/23 11:33	EPA 7470A	1,7470A	MJR
Selenium, TCLP	ND		mg/l	0.500	0.0350	1	09/22/23 20:10	09/23/23 10:14	EPA 3015	1,6010D	JMF
Silver, TCLP	ND		mg/l	0.100	0.0280	1	09/22/23 20:10	09/23/23 10:14	EPA 3015	1,6010D	JMF



Project Name: SUN VALLEY NURSERY FILLING STA**Lab Number:** L2354976**Project Number:** 12060 / PHASE 8**Report Date:** 09/26/23**SAMPLE RESULTS**

Lab ID: L2354976-01

Date Collected: 09/19/23 09:15

Client ID: COMP_B2(0-7)

Date Received: 09/19/23

Sample Location: Not Specified

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 86%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	10400		mg/kg	9.31	2.51	2	09/21/23 00:40	09/21/23 09:46	EPA 3050B	1,6010D	JMF
Antimony, Total	ND		mg/kg	4.66	0.354	2	09/21/23 00:40	09/21/23 09:46	EPA 3050B	1,6010D	JMF
Arsenic, Total	5.36		mg/kg	0.931	0.194	2	09/21/23 00:40	09/21/23 09:46	EPA 3050B	1,6010D	JMF
Barium, Total	130		mg/kg	0.931	0.162	2	09/21/23 00:40	09/21/23 09:46	EPA 3050B	1,6010D	JMF
Beryllium, Total	0.427	J	mg/kg	0.466	0.031	2	09/21/23 00:40	09/21/23 09:46	EPA 3050B	1,6010D	JMF
Cadmium, Total	ND		mg/kg	0.931	0.091	2	09/21/23 00:40	09/21/23 09:46	EPA 3050B	1,6010D	JMF
Calcium, Total	5060		mg/kg	9.31	3.26	2	09/21/23 00:40	09/21/23 09:46	EPA 3050B	1,6010D	JMF
Chromium, Total	19.8		mg/kg	0.931	0.089	2	09/21/23 00:40	09/21/23 09:46	EPA 3050B	1,6010D	JMF
Cobalt, Total	6.72		mg/kg	1.86	0.154	2	09/21/23 00:40	09/21/23 09:46	EPA 3050B	1,6010D	JMF
Copper, Total	15.0		mg/kg	0.931	0.240	2	09/21/23 00:40	09/21/23 09:46	EPA 3050B	1,6010D	JMF
Iron, Total	16200		mg/kg	4.66	0.841	2	09/21/23 00:40	09/21/23 09:46	EPA 3050B	1,6010D	JMF
Lead, Total	19.2		mg/kg	4.66	0.250	2	09/21/23 00:40	09/21/23 09:46	EPA 3050B	1,6010D	JMF
Magnesium, Total	5990		mg/kg	9.31	1.43	2	09/21/23 00:40	09/21/23 09:46	EPA 3050B	1,6010D	JMF
Manganese, Total	228		mg/kg	0.931	0.148	2	09/21/23 00:40	09/21/23 09:46	EPA 3050B	1,6010D	JMF
Mercury, Total	ND		mg/kg	0.085	0.055	1	09/21/23 01:25	09/21/23 11:17	EPA 7471B	1,7471B	GMG
Nickel, Total	14.0		mg/kg	2.33	0.225	2	09/21/23 00:40	09/21/23 09:46	EPA 3050B	1,6010D	JMF
Potassium, Total	4720		mg/kg	233	13.4	2	09/21/23 00:40	09/21/23 09:46	EPA 3050B	1,6010D	JMF
Selenium, Total	0.553	J	mg/kg	1.86	0.240	2	09/21/23 00:40	09/21/23 09:46	EPA 3050B	1,6010D	JMF
Silver, Total	ND		mg/kg	0.466	0.264	2	09/21/23 00:40	09/21/23 09:46	EPA 3050B	1,6010D	JMF
Sodium, Total	230		mg/kg	186	2.93	2	09/21/23 00:40	09/21/23 09:46	EPA 3050B	1,6010D	JMF
Thallium, Total	1.33	J	mg/kg	1.86	0.293	2	09/21/23 00:40	09/21/23 09:46	EPA 3050B	1,6010D	JMF
Vanadium, Total	27.5		mg/kg	0.931	0.189	2	09/21/23 00:40	09/21/23 09:46	EPA 3050B	1,6010D	JMF
Zinc, Total	48.1		mg/kg	4.66	0.273	2	09/21/23 00:40	09/21/23 09:46	EPA 3050B	1,6010D	JMF



Project Name: SUN VALLEY NURSERY FILLING STA**Lab Number:** L2354976**Project Number:** 12060 / PHASE 8**Report Date:** 09/26/23**SAMPLE RESULTS**

Lab ID: L2354976-03

Date Collected: 09/19/23 09:30

Client ID: COMP_B2(7-14)

Date Received: 09/19/23

Sample Location: Not Specified

Field Prep: Not Specified

Sample Depth:

TCLP/SPLP Ext. Date: 09/20/23 20:54

Matrix: Soil

Percent Solids: 88%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
TCLP Metals by EPA 1311 - Mansfield Lab											
Arsenic, TCLP	ND		mg/l	1.00	0.0190	1	09/22/23 20:10	09/23/23 10:08	EPA 3015	1,6010D	JMF
Barium, TCLP	0.895		mg/l	0.500	0.0210	1	09/22/23 20:10	09/23/23 10:08	EPA 3015	1,6010D	JMF
Cadmium, TCLP	ND		mg/l	0.100	0.0100	1	09/22/23 20:10	09/23/23 10:08	EPA 3015	1,6010D	JMF
Chromium, TCLP	ND		mg/l	0.200	0.0210	1	09/22/23 20:10	09/23/23 10:08	EPA 3015	1,6010D	JMF
Lead, TCLP	ND		mg/l	0.500	0.0270	1	09/22/23 20:10	09/23/23 10:08	EPA 3015	1,6010D	JMF
Mercury, TCLP	ND		mg/l	0.0010	0.0005	1	09/22/23 17:19	09/25/23 11:46	EPA 7470A	1,7470A	MJR
Selenium, TCLP	ND		mg/l	0.500	0.0350	1	09/22/23 20:10	09/23/23 10:08	EPA 3015	1,6010D	JMF
Silver, TCLP	ND		mg/l	0.100	0.0280	1	09/22/23 20:10	09/23/23 10:08	EPA 3015	1,6010D	JMF



Project Name: SUN VALLEY NURSERY FILLING STA**Lab Number:** L2354976**Project Number:** 12060 / PHASE 8**Report Date:** 09/26/23**SAMPLE RESULTS**

Lab ID: L2354976-03

Date Collected: 09/19/23 09:30

Client ID: COMP_B2(7-14)

Date Received: 09/19/23

Sample Location: Not Specified

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 88%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	10800		mg/kg	8.92	2.41	2	09/21/23 00:40	09/21/23 09:49	EPA 3050B	1,6010D	JMF
Antimony, Total	ND		mg/kg	4.46	0.339	2	09/21/23 00:40	09/21/23 09:49	EPA 3050B	1,6010D	JMF
Arsenic, Total	1.63		mg/kg	0.892	0.186	2	09/21/23 00:40	09/21/23 09:49	EPA 3050B	1,6010D	JMF
Barium, Total	136		mg/kg	0.892	0.155	2	09/21/23 00:40	09/21/23 09:49	EPA 3050B	1,6010D	JMF
Beryllium, Total	0.456		mg/kg	0.446	0.029	2	09/21/23 00:40	09/21/23 09:49	EPA 3050B	1,6010D	JMF
Cadmium, Total	ND		mg/kg	0.892	0.087	2	09/21/23 00:40	09/21/23 09:49	EPA 3050B	1,6010D	JMF
Calcium, Total	7490		mg/kg	8.92	3.12	2	09/21/23 00:40	09/21/23 09:49	EPA 3050B	1,6010D	JMF
Chromium, Total	21.0		mg/kg	0.892	0.086	2	09/21/23 00:40	09/21/23 09:49	EPA 3050B	1,6010D	JMF
Cobalt, Total	7.29		mg/kg	1.78	0.148	2	09/21/23 00:40	09/21/23 09:49	EPA 3050B	1,6010D	JMF
Copper, Total	19.2		mg/kg	0.892	0.230	2	09/21/23 00:40	09/21/23 09:49	EPA 3050B	1,6010D	JMF
Iron, Total	16700		mg/kg	4.46	0.806	2	09/21/23 00:40	09/21/23 09:49	EPA 3050B	1,6010D	JMF
Lead, Total	5.54		mg/kg	4.46	0.239	2	09/21/23 00:40	09/21/23 09:49	EPA 3050B	1,6010D	JMF
Magnesium, Total	7440		mg/kg	8.92	1.37	2	09/21/23 00:40	09/21/23 09:49	EPA 3050B	1,6010D	JMF
Manganese, Total	228		mg/kg	0.892	0.142	2	09/21/23 00:40	09/21/23 09:49	EPA 3050B	1,6010D	JMF
Mercury, Total	ND		mg/kg	0.075	0.049	1	09/21/23 01:25	09/21/23 11:20	EPA 7471B	1,7471B	GMG
Nickel, Total	14.9		mg/kg	2.23	0.216	2	09/21/23 00:40	09/21/23 09:49	EPA 3050B	1,6010D	JMF
Potassium, Total	5420		mg/kg	223	12.8	2	09/21/23 00:40	09/21/23 09:49	EPA 3050B	1,6010D	JMF
Selenium, Total	0.251	J	mg/kg	1.78	0.230	2	09/21/23 00:40	09/21/23 09:49	EPA 3050B	1,6010D	JMF
Silver, Total	ND		mg/kg	0.446	0.252	2	09/21/23 00:40	09/21/23 09:49	EPA 3050B	1,6010D	JMF
Sodium, Total	134	J	mg/kg	178	2.81	2	09/21/23 00:40	09/21/23 09:49	EPA 3050B	1,6010D	JMF
Thallium, Total	1.65	J	mg/kg	1.78	0.281	2	09/21/23 00:40	09/21/23 09:49	EPA 3050B	1,6010D	JMF
Vanadium, Total	29.3		mg/kg	0.892	0.181	2	09/21/23 00:40	09/21/23 09:49	EPA 3050B	1,6010D	JMF
Zinc, Total	49.1		mg/kg	4.46	0.261	2	09/21/23 00:40	09/21/23 09:49	EPA 3050B	1,6010D	JMF



Project Name: SUN VALLEY NURSERY FILLING STA**Lab Number:** L2354976**Project Number:** 12060 / PHASE 8**Report Date:** 09/26/23**SAMPLE RESULTS**

Lab ID: L2354976-05

Date Collected: 09/19/23 09:45

Client ID: COMP_B2(14-21)

Date Received: 09/19/23

Sample Location: Not Specified

Field Prep: Not Specified

Sample Depth:

TCLP/SPLP Ext. Date: 09/20/23 20:54

Matrix: Soil

Percent Solids: 90%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
TCLP Metals by EPA 1311 - Mansfield Lab											
Arsenic, TCLP	ND		mg/l	1.00	0.0190	1	09/22/23 20:10	09/23/23 10:11	EPA 3015	1,6010D	JMF
Barium, TCLP	0.975		mg/l	0.500	0.0210	1	09/22/23 20:10	09/23/23 10:11	EPA 3015	1,6010D	JMF
Cadmium, TCLP	ND		mg/l	0.100	0.0100	1	09/22/23 20:10	09/23/23 10:11	EPA 3015	1,6010D	JMF
Chromium, TCLP	ND		mg/l	0.200	0.0210	1	09/22/23 20:10	09/23/23 10:11	EPA 3015	1,6010D	JMF
Lead, TCLP	ND		mg/l	0.500	0.0270	1	09/22/23 20:10	09/23/23 10:11	EPA 3015	1,6010D	JMF
Mercury, TCLP	ND		mg/l	0.0010	0.0005	1	09/22/23 17:19	09/25/23 11:49	EPA 7470A	1,7470A	MJR
Selenium, TCLP	ND		mg/l	0.500	0.0350	1	09/22/23 20:10	09/23/23 10:11	EPA 3015	1,6010D	JMF
Silver, TCLP	ND		mg/l	0.100	0.0280	1	09/22/23 20:10	09/23/23 10:11	EPA 3015	1,6010D	JMF



Project Name: SUN VALLEY NURSERY FILLING STA**Lab Number:** L2354976**Project Number:** 12060 / PHASE 8**Report Date:** 09/26/23**SAMPLE RESULTS**

Lab ID: L2354976-05

Date Collected: 09/19/23 09:45

Client ID: COMP_B2(14-21)

Date Received: 09/19/23

Sample Location: Not Specified

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 90%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	12100		mg/kg	8.53	2.30	2	09/21/23 00:40	09/21/23 09:52	EPA 3050B	1,6010D	JMF
Antimony, Total	ND		mg/kg	4.27	0.324	2	09/21/23 00:40	09/21/23 09:52	EPA 3050B	1,6010D	JMF
Arsenic, Total	1.71		mg/kg	0.853	0.178	2	09/21/23 00:40	09/21/23 09:52	EPA 3050B	1,6010D	JMF
Barium, Total	144		mg/kg	0.853	0.148	2	09/21/23 00:40	09/21/23 09:52	EPA 3050B	1,6010D	JMF
Beryllium, Total	0.592		mg/kg	0.427	0.028	2	09/21/23 00:40	09/21/23 09:52	EPA 3050B	1,6010D	JMF
Cadmium, Total	ND		mg/kg	0.853	0.084	2	09/21/23 00:40	09/21/23 09:52	EPA 3050B	1,6010D	JMF
Calcium, Total	6350		mg/kg	8.53	2.99	2	09/21/23 00:40	09/21/23 09:52	EPA 3050B	1,6010D	JMF
Chromium, Total	21.2		mg/kg	0.853	0.082	2	09/21/23 00:40	09/21/23 09:52	EPA 3050B	1,6010D	JMF
Cobalt, Total	9.31		mg/kg	1.71	0.142	2	09/21/23 00:40	09/21/23 09:52	EPA 3050B	1,6010D	JMF
Copper, Total	21.1		mg/kg	0.853	0.220	2	09/21/23 00:40	09/21/23 09:52	EPA 3050B	1,6010D	JMF
Iron, Total	18000		mg/kg	4.27	0.771	2	09/21/23 00:40	09/21/23 09:52	EPA 3050B	1,6010D	JMF
Lead, Total	5.32		mg/kg	4.27	0.229	2	09/21/23 00:40	09/21/23 09:52	EPA 3050B	1,6010D	JMF
Magnesium, Total	7120		mg/kg	8.53	1.31	2	09/21/23 00:40	09/21/23 09:52	EPA 3050B	1,6010D	JMF
Manganese, Total	230		mg/kg	0.853	0.136	2	09/21/23 00:40	09/21/23 09:52	EPA 3050B	1,6010D	JMF
Mercury, Total	ND		mg/kg	0.081	0.053	1	09/21/23 01:25	09/21/23 11:23	EPA 7471B	1,7471B	GMG
Nickel, Total	15.5		mg/kg	2.13	0.206	2	09/21/23 00:40	09/21/23 09:52	EPA 3050B	1,6010D	JMF
Potassium, Total	6030		mg/kg	213	12.3	2	09/21/23 00:40	09/21/23 09:52	EPA 3050B	1,6010D	JMF
Selenium, Total	ND		mg/kg	1.71	0.220	2	09/21/23 00:40	09/21/23 09:52	EPA 3050B	1,6010D	JMF
Silver, Total	ND		mg/kg	0.427	0.242	2	09/21/23 00:40	09/21/23 09:52	EPA 3050B	1,6010D	JMF
Sodium, Total	132	J	mg/kg	171	2.69	2	09/21/23 00:40	09/21/23 09:52	EPA 3050B	1,6010D	JMF
Thallium, Total	1.70	J	mg/kg	1.71	0.269	2	09/21/23 00:40	09/21/23 09:52	EPA 3050B	1,6010D	JMF
Vanadium, Total	31.0		mg/kg	0.853	0.173	2	09/21/23 00:40	09/21/23 09:52	EPA 3050B	1,6010D	JMF
Zinc, Total	45.2		mg/kg	4.27	0.250	2	09/21/23 00:40	09/21/23 09:52	EPA 3050B	1,6010D	JMF



Project Name: SUN VALLEY NURSERY FILLING STA**Lab Number:** L2354976**Project Number:** 12060 / PHASE 8**Report Date:** 09/26/23**SAMPLE RESULTS**

Lab ID: L2354976-07

Date Collected: 09/19/23 11:45

Client ID: COMP_E2(0-7)

Date Received: 09/19/23

Sample Location: Not Specified

Field Prep: Not Specified

Sample Depth:

TCLP/SPLP Ext. Date: 09/20/23 20:54

Matrix: Soil

Percent Solids: 89%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
TCLP Metals by EPA 1311 - Mansfield Lab											
Arsenic, TCLP	ND		mg/l	1.00	0.0190	1	09/22/23 20:10	09/23/23 10:37	EPA 3015	1,6010D	JMF
Barium, TCLP	0.811		mg/l	0.500	0.0210	1	09/22/23 20:10	09/23/23 10:37	EPA 3015	1,6010D	JMF
Cadmium, TCLP	ND		mg/l	0.100	0.0100	1	09/22/23 20:10	09/23/23 10:37	EPA 3015	1,6010D	JMF
Chromium, TCLP	ND		mg/l	0.200	0.0210	1	09/22/23 20:10	09/23/23 10:37	EPA 3015	1,6010D	JMF
Lead, TCLP	ND		mg/l	0.500	0.0270	1	09/22/23 20:10	09/23/23 10:37	EPA 3015	1,6010D	JMF
Mercury, TCLP	ND		mg/l	0.0010	0.0005	1	09/22/23 17:19	09/25/23 11:52	EPA 7470A	1,7470A	MJR
Selenium, TCLP	ND		mg/l	0.500	0.0350	1	09/22/23 20:10	09/23/23 10:37	EPA 3015	1,6010D	JMF
Silver, TCLP	ND		mg/l	0.100	0.0280	1	09/22/23 20:10	09/23/23 10:37	EPA 3015	1,6010D	JMF



Project Name: SUN VALLEY NURSERY FILLING STA**Lab Number:** L2354976**Project Number:** 12060 / PHASE 8**Report Date:** 09/26/23**SAMPLE RESULTS**

Lab ID: L2354976-07

Date Collected: 09/19/23 11:45

Client ID: COMP_E2(0-7)

Date Received: 09/19/23

Sample Location: Not Specified

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 89%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	11200		mg/kg	8.72	2.36	2	09/21/23 00:40	09/21/23 09:55	EPA 3050B	1,6010D	JMF
Antimony, Total	ND		mg/kg	4.36	0.331	2	09/21/23 00:40	09/21/23 09:55	EPA 3050B	1,6010D	JMF
Arsenic, Total	2.64		mg/kg	0.872	0.181	2	09/21/23 00:40	09/21/23 09:55	EPA 3050B	1,6010D	JMF
Barium, Total	123		mg/kg	0.872	0.152	2	09/21/23 00:40	09/21/23 09:55	EPA 3050B	1,6010D	JMF
Beryllium, Total	0.478		mg/kg	0.436	0.029	2	09/21/23 00:40	09/21/23 09:55	EPA 3050B	1,6010D	JMF
Cadmium, Total	ND		mg/kg	0.872	0.086	2	09/21/23 00:40	09/21/23 09:55	EPA 3050B	1,6010D	JMF
Calcium, Total	7660		mg/kg	8.72	3.05	2	09/21/23 00:40	09/21/23 09:55	EPA 3050B	1,6010D	JMF
Chromium, Total	22.2		mg/kg	0.872	0.084	2	09/21/23 00:40	09/21/23 09:55	EPA 3050B	1,6010D	JMF
Cobalt, Total	7.41		mg/kg	1.74	0.145	2	09/21/23 00:40	09/21/23 09:55	EPA 3050B	1,6010D	JMF
Copper, Total	18.1		mg/kg	0.872	0.225	2	09/21/23 00:40	09/21/23 09:55	EPA 3050B	1,6010D	JMF
Iron, Total	17200		mg/kg	4.36	0.788	2	09/21/23 00:40	09/21/23 09:55	EPA 3050B	1,6010D	JMF
Lead, Total	10.1		mg/kg	4.36	0.234	2	09/21/23 00:40	09/21/23 09:55	EPA 3050B	1,6010D	JMF
Magnesium, Total	7120		mg/kg	8.72	1.34	2	09/21/23 00:40	09/21/23 09:55	EPA 3050B	1,6010D	JMF
Manganese, Total	276		mg/kg	0.872	0.139	2	09/21/23 00:40	09/21/23 09:55	EPA 3050B	1,6010D	JMF
Mercury, Total	ND		mg/kg	0.088	0.057	1	09/21/23 01:25	09/21/23 11:27	EPA 7471B	1,7471B	GMG
Nickel, Total	17.0		mg/kg	2.18	0.211	2	09/21/23 00:40	09/21/23 09:55	EPA 3050B	1,6010D	JMF
Potassium, Total	5170		mg/kg	218	12.6	2	09/21/23 00:40	09/21/23 09:55	EPA 3050B	1,6010D	JMF
Selenium, Total	0.514	J	mg/kg	1.74	0.225	2	09/21/23 00:40	09/21/23 09:55	EPA 3050B	1,6010D	JMF
Silver, Total	ND		mg/kg	0.436	0.247	2	09/21/23 00:40	09/21/23 09:55	EPA 3050B	1,6010D	JMF
Sodium, Total	115	J	mg/kg	174	2.75	2	09/21/23 00:40	09/21/23 09:55	EPA 3050B	1,6010D	JMF
Thallium, Total	1.72	J	mg/kg	1.74	0.275	2	09/21/23 00:40	09/21/23 09:55	EPA 3050B	1,6010D	JMF
Vanadium, Total	30.1		mg/kg	0.872	0.177	2	09/21/23 00:40	09/21/23 09:55	EPA 3050B	1,6010D	JMF
Zinc, Total	56.8		mg/kg	4.36	0.256	2	09/21/23 00:40	09/21/23 09:55	EPA 3050B	1,6010D	JMF



Project Name: SUN VALLEY NURSERY FILLING STA**Lab Number:** L2354976**Project Number:** 12060 / PHASE 8**Report Date:** 09/26/23**SAMPLE RESULTS**

Lab ID: L2354976-09

Date Collected: 09/19/23 11:50

Client ID: COMP_E2(7-14)

Date Received: 09/19/23

Sample Location: Not Specified

Field Prep: Not Specified

Sample Depth:

TCLP/SPLP Ext. Date: 09/20/23 20:54

Matrix: Soil

Percent Solids: 89%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
TCLP Metals by EPA 1311 - Mansfield Lab											
Arsenic, TCLP	ND		mg/l	1.00	0.0190	1	09/22/23 20:10	09/23/23 10:40	EPA 3015	1,6010D	JMF
Barium, TCLP	0.931		mg/l	0.500	0.0210	1	09/22/23 20:10	09/23/23 10:40	EPA 3015	1,6010D	JMF
Cadmium, TCLP	ND		mg/l	0.100	0.0100	1	09/22/23 20:10	09/23/23 10:40	EPA 3015	1,6010D	JMF
Chromium, TCLP	ND		mg/l	0.200	0.0210	1	09/22/23 20:10	09/23/23 10:40	EPA 3015	1,6010D	JMF
Lead, TCLP	ND		mg/l	0.500	0.0270	1	09/22/23 20:10	09/23/23 10:40	EPA 3015	1,6010D	JMF
Mercury, TCLP	ND		mg/l	0.0010	0.0005	1	09/22/23 17:19	09/25/23 11:56	EPA 7470A	1,7470A	MJR
Selenium, TCLP	ND		mg/l	0.500	0.0350	1	09/22/23 20:10	09/23/23 10:40	EPA 3015	1,6010D	JMF
Silver, TCLP	ND		mg/l	0.100	0.0280	1	09/22/23 20:10	09/23/23 10:40	EPA 3015	1,6010D	JMF



Project Name: SUN VALLEY NURSERY FILLING STA**Lab Number:** L2354976**Project Number:** 12060 / PHASE 8**Report Date:** 09/26/23**SAMPLE RESULTS**

Lab ID: L2354976-09

Date Collected: 09/19/23 11:50

Client ID: COMP_E2(7-14)

Date Received: 09/19/23

Sample Location: Not Specified

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 89%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	13200		mg/kg	8.64	2.33	2	09/21/23 00:40	09/21/23 09:58	EPA 3050B	1,6010D	JMF
Antimony, Total	ND		mg/kg	4.32	0.328	2	09/21/23 00:40	09/21/23 09:58	EPA 3050B	1,6010D	JMF
Arsenic, Total	2.25		mg/kg	0.864	0.180	2	09/21/23 00:40	09/21/23 09:58	EPA 3050B	1,6010D	JMF
Barium, Total	155		mg/kg	0.864	0.150	2	09/21/23 00:40	09/21/23 09:58	EPA 3050B	1,6010D	JMF
Beryllium, Total	0.618		mg/kg	0.432	0.029	2	09/21/23 00:40	09/21/23 09:58	EPA 3050B	1,6010D	JMF
Cadmium, Total	ND		mg/kg	0.864	0.085	2	09/21/23 00:40	09/21/23 09:58	EPA 3050B	1,6010D	JMF
Calcium, Total	10200		mg/kg	8.64	3.02	2	09/21/23 00:40	09/21/23 09:58	EPA 3050B	1,6010D	JMF
Chromium, Total	23.3		mg/kg	0.864	0.083	2	09/21/23 00:40	09/21/23 09:58	EPA 3050B	1,6010D	JMF
Cobalt, Total	8.48		mg/kg	1.73	0.143	2	09/21/23 00:40	09/21/23 09:58	EPA 3050B	1,6010D	JMF
Copper, Total	22.9		mg/kg	0.864	0.223	2	09/21/23 00:40	09/21/23 09:58	EPA 3050B	1,6010D	JMF
Iron, Total	20000		mg/kg	4.32	0.780	2	09/21/23 00:40	09/21/23 09:58	EPA 3050B	1,6010D	JMF
Lead, Total	7.49		mg/kg	4.32	0.232	2	09/21/23 00:40	09/21/23 09:58	EPA 3050B	1,6010D	JMF
Magnesium, Total	8460		mg/kg	8.64	1.33	2	09/21/23 00:40	09/21/23 09:58	EPA 3050B	1,6010D	JMF
Manganese, Total	214		mg/kg	0.864	0.137	2	09/21/23 00:40	09/21/23 09:58	EPA 3050B	1,6010D	JMF
Mercury, Total	ND		mg/kg	0.077	0.050	1	09/21/23 01:25	09/21/23 11:30	EPA 7471B	1,7471B	GMG
Nickel, Total	16.7		mg/kg	2.16	0.209	2	09/21/23 00:40	09/21/23 09:58	EPA 3050B	1,6010D	JMF
Potassium, Total	6500		mg/kg	216	12.4	2	09/21/23 00:40	09/21/23 09:58	EPA 3050B	1,6010D	JMF
Selenium, Total	0.254	J	mg/kg	1.73	0.223	2	09/21/23 00:40	09/21/23 09:58	EPA 3050B	1,6010D	JMF
Silver, Total	ND		mg/kg	0.432	0.245	2	09/21/23 00:40	09/21/23 09:58	EPA 3050B	1,6010D	JMF
Sodium, Total	134	J	mg/kg	173	2.72	2	09/21/23 00:40	09/21/23 09:58	EPA 3050B	1,6010D	JMF
Thallium, Total	1.71	J	mg/kg	1.73	0.272	2	09/21/23 00:40	09/21/23 09:58	EPA 3050B	1,6010D	JMF
Vanadium, Total	33.4		mg/kg	0.864	0.175	2	09/21/23 00:40	09/21/23 09:58	EPA 3050B	1,6010D	JMF
Zinc, Total	53.5		mg/kg	4.32	0.253	2	09/21/23 00:40	09/21/23 09:58	EPA 3050B	1,6010D	JMF



Project Name: SUN VALLEY NURSERY FILLING STA

Lab Number: L2354976

Project Number: 12060 / PHASE 8

Report Date: 09/26/23

Method Blank Analysis Batch Quality Control

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 01,03,05,07,09 Batch: WG1829737-1										
Aluminum, Total	ND		mg/kg	4.00	1.08	1	09/21/23 00:40	09/21/23 08:51	1,6010D	JMF
Antimony, Total	0.308	J	mg/kg	2.00	0.152	1	09/21/23 00:40	09/21/23 08:51	1,6010D	JMF
Arsenic, Total	ND		mg/kg	0.400	0.083	1	09/21/23 00:40	09/21/23 08:51	1,6010D	JMF
Barium, Total	ND		mg/kg	0.400	0.070	1	09/21/23 00:40	09/21/23 08:51	1,6010D	JMF
Beryllium, Total	ND		mg/kg	0.200	0.013	1	09/21/23 00:40	09/21/23 08:51	1,6010D	JMF
Cadmium, Total	ND		mg/kg	0.400	0.039	1	09/21/23 00:40	09/21/23 08:51	1,6010D	JMF
Calcium, Total	ND		mg/kg	4.00	1.40	1	09/21/23 00:40	09/21/23 08:51	1,6010D	JMF
Chromium, Total	ND		mg/kg	0.400	0.038	1	09/21/23 00:40	09/21/23 08:51	1,6010D	JMF
Cobalt, Total	ND		mg/kg	0.800	0.066	1	09/21/23 00:40	09/21/23 08:51	1,6010D	JMF
Copper, Total	ND		mg/kg	0.400	0.103	1	09/21/23 00:40	09/21/23 08:51	1,6010D	JMF
Iron, Total	ND		mg/kg	2.00	0.361	1	09/21/23 00:40	09/21/23 08:51	1,6010D	JMF
Lead, Total	ND		mg/kg	2.00	0.107	1	09/21/23 00:40	09/21/23 08:51	1,6010D	JMF
Magnesium, Total	ND		mg/kg	4.00	0.616	1	09/21/23 00:40	09/21/23 08:51	1,6010D	JMF
Manganese, Total	ND		mg/kg	0.400	0.064	1	09/21/23 00:40	09/21/23 08:51	1,6010D	JMF
Nickel, Total	ND		mg/kg	1.00	0.097	1	09/21/23 00:40	09/21/23 08:51	1,6010D	JMF
Potassium, Total	ND		mg/kg	100	5.76	1	09/21/23 00:40	09/21/23 08:51	1,6010D	JMF
Selenium, Total	ND		mg/kg	0.800	0.103	1	09/21/23 00:40	09/21/23 08:51	1,6010D	JMF
Silver, Total	ND		mg/kg	0.200	0.113	1	09/21/23 00:40	09/21/23 08:51	1,6010D	JMF
Sodium, Total	8.73	J	mg/kg	80.0	1.26	1	09/21/23 00:40	09/21/23 08:51	1,6010D	JMF
Thallium, Total	ND		mg/kg	0.800	0.126	1	09/21/23 00:40	09/21/23 08:51	1,6010D	JMF
Vanadium, Total	ND		mg/kg	0.400	0.081	1	09/21/23 00:40	09/21/23 08:51	1,6010D	JMF
Zinc, Total	ND		mg/kg	2.00	0.117	1	09/21/23 00:40	09/21/23 08:51	1,6010D	JMF

Prep Information

Digestion Method: EPA 3050B

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 01,03,05,07,09 Batch: WG1829738-1										
Mercury, Total	ND		mg/kg	0.083	0.054	1	09/21/23 01:25	09/21/23 10:17	1,7471B	GMG



Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 8

Lab Number: L2354976
Report Date: 09/26/23

Method Blank Analysis Batch Quality Control

Prep Information

Digestion Method: EPA 7471B

Parameter	Result Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
TCLP Metals by EPA 1311 - Mansfield Lab for sample(s): 01,03,05,07,09 Batch: WG1830792-1									
Arsenic, TCLP	ND	mg/l	1.00	0.0190	1	09/22/23 20:10	09/23/23 09:59	1,6010D	JMF
Barium, TCLP	ND	mg/l	0.500	0.0210	1	09/22/23 20:10	09/23/23 09:59	1,6010D	JMF
Cadmium, TCLP	ND	mg/l	0.100	0.0100	1	09/22/23 20:10	09/23/23 09:59	1,6010D	JMF
Chromium, TCLP	ND	mg/l	0.200	0.0210	1	09/22/23 20:10	09/23/23 09:59	1,6010D	JMF
Lead, TCLP	ND	mg/l	0.500	0.0270	1	09/22/23 20:10	09/23/23 09:59	1,6010D	JMF
Selenium, TCLP	ND	mg/l	0.500	0.0350	1	09/22/23 20:10	09/23/23 09:59	1,6010D	JMF
Silver, TCLP	ND	mg/l	0.100	0.0280	1	09/22/23 20:10	09/23/23 09:59	1,6010D	JMF

Prep Information

Digestion Method: EPA 3015
TCLP/SPLP Extraction Date: 09/20/23 10:55

Parameter	Result Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
TCLP Metals by EPA 1311 - Mansfield Lab for sample(s): 01,03,05,07,09 Batch: WG1830794-1									
Mercury, TCLP	ND	mg/l	0.0010	0.0005	1	09/22/23 17:19	09/25/23 11:17	1,7470A	MJR

Prep Information

Digestion Method: EPA 7470A
TCLP/SPLP Extraction Date: 09/20/23 10:55

Lab Control Sample Analysis

Batch Quality Control

Project Name: SUN VALLEY NURSERY FILLING STA

Lab Number: L2354976

Project Number: 12060 / PHASE 8

Report Date: 09/26/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01,03,05,07,09 Batch: WG1829737-2 SRM Lot Number: D119-540								
Aluminum, Total	78		-		48-152	-		
Antimony, Total	170		-		10-190	-		
Arsenic, Total	106		-		83-117	-		
Barium, Total	101		-		82-118	-		
Beryllium, Total	104		-		83-117	-		
Cadmium, Total	98		-		82-117	-		
Calcium, Total	100		-		81-118	-		
Chromium, Total	105		-		82-119	-		
Cobalt, Total	104		-		83-117	-		
Copper, Total	99		-		84-116	-		
Iron, Total	103		-		60-140	-		
Lead, Total	104		-		82-118	-		
Magnesium, Total	98		-		76-124	-		
Manganese, Total	101		-		82-118	-		
Nickel, Total	103		-		82-117	-		
Potassium, Total	94		-		70-130	-		
Selenium, Total	108		-		79-121	-		
Silver, Total	110		-		80-120	-		
Sodium, Total	110		-		74-126	-		
Thallium, Total	101		-		81-119	-		
Vanadium, Total	101		-		79-121	-		

Lab Control Sample Analysis**Batch Quality Control****Project Name:** SUN VALLEY NURSERY FILLING STA**Project Number:** 12060 / PHASE 8**Lab Number:** L2354976**Report Date:** 09/26/23

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01,03,05,07,09 Batch: WG1829737-2 SRM Lot Number: D119-540					
Zinc, Total	107	-	80-120	-	
Total Metals - Mansfield Lab Associated sample(s): 01,03,05,07,09 Batch: WG1829738-2 SRM Lot Number: D119-540					
Mercury, Total	106	-	73-127	-	
TCLP Metals by EPA 1311 - Mansfield Lab Associated sample(s): 01,03,05,07,09 Batch: WG1830792-2					
Arsenic, TCLP	97	-	75-125	-	20
Barium, TCLP	93	-	75-125	-	20
Cadmium, TCLP	94	-	75-125	-	20
Chromium, TCLP	94	-	75-125	-	20
Lead, TCLP	92	-	75-125	-	20
Selenium, TCLP	100	-	75-125	-	20
Silver, TCLP	97	-	75-125	-	20
TCLP Metals by EPA 1311 - Mansfield Lab Associated sample(s): 01,03,05,07,09 Batch: WG1830794-2					
Mercury, TCLP	95	-	80-120	-	

Matrix Spike Analysis **Batch Quality Control**

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 8

Lab Number: L2354976
Report Date: 09/26/23

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01,03,05,07,09 QC Batch ID: WG1829737-3 QC Sample: L2353747-02 Client ID: MS Sample												
Aluminum, Total	1660	6790	9240	112		-	-		75-125	-		20
Antimony, Total	ND	1700	2180	128	Q	-	-		75-125	-		20
Arsenic, Total	ND	408	434	106		-	-		75-125	-		20
Barium, Total	184	6790	7360	106		-	-		75-125	-		20
Beryllium, Total	ND	170	183	108		-	-		75-125	-		20
Cadmium, Total	ND	180	186	103		-	-		75-125	-		20
Calcium, Total	7850	34000	42400	102		-	-		75-125	-		20
Chromium, Total	11.8J	679	730	107		-	-		75-125	-		20
Cobalt, Total	3.02J	1700	1810	106		-	-		75-125	-		20
Copper, Total	498	849	1420	108		-	-		75-125	-		20
Iron, Total	8800	3400	12400	106		-	-		75-125	-		20
Lead, Total	27.3J	1800	1860	103		-	-		75-125	-		20
Magnesium, Total	1920	34000	39500	111		-	-		75-125	-		20
Manganese, Total	1010	1700	2680	98		-	-		75-125	-		20
Nickel, Total	46.4	1700	1800	103		-	-		75-125	-		20
Potassium, Total	3690J	34000	42400	125		-	-		75-125	-		20
Selenium, Total	6.20J	408	461	113		-	-		75-125	-		20
Silver, Total	ND	170	180	106		-	-		75-125	-		20
Sodium, Total	8150	34000	46600	113		-	-		75-125	-		20
Thallium, Total	ND	408	405	99		-	-		75-125	-		20
Vanadium, Total	ND	1700	1780	105		-	-		75-125	-		20

Matrix Spike Analysis **Batch Quality Control**

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 8

Lab Number: L2354976
Report Date: 09/26/23

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	MSD Found	MSD %Recovery	Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01,03,05,07,09 QC Batch ID: WG1829737-3 QC Sample: L2353747-02 Client ID: MS Sample									
Zinc, Total	1040	1700	3210	128	Q	-	75-125	-	20
Total Metals - Mansfield Lab Associated sample(s): 01,03,05,07,09 QC Batch ID: WG1829738-3 QC Sample: L2353747-02 Client ID: MS Sample									
Mercury, Total	ND	69.7	67.3	96	-	-	80-120	-	20
TCLP Metals by EPA 1311 - Mansfield Lab Associated sample(s): 01,03,05,07,09 QC Batch ID: WG1830792-3 QC Sample: L2354976-01 Client ID: COMP_B2(0-7)									
Arsenic, TCLP	ND	1.2	1.09	91	-	-	75-125	-	20
Barium, TCLP	0.940	20	18.6	88	-	-	75-125	-	20
Cadmium, TCLP	ND	0.53	0.460	87	-	-	75-125	-	20
Chromium, TCLP	ND	2	1.74	87	-	-	75-125	-	20
Lead, TCLP	ND	5.3	4.58	86	-	-	75-125	-	20
Selenium, TCLP	ND	1.2	1.15	96	-	-	75-125	-	20
Silver, TCLP	ND	0.5	0.456	91	-	-	75-125	-	20
TCLP Metals by EPA 1311 - Mansfield Lab Associated sample(s): 01,03,05,07,09 QC Batch ID: WG1830794-3 QC Sample: L2354976-01 Client ID: COMP_B2(0-7)									
Mercury, TCLP	ND	0.025	0.0246	98	-	-	75-125	-	20

Lab Duplicate Analysis *Batch Quality Control*

Project Name: SUN VALLEY NURSERY FILLING STA

Project Number: 12060 / PHASE 8

Lab Number: L2354976

Report Date: 09/26/23

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01,03,05,07,09 QC Batch ID: WG1829737-4 QC Sample: L2353747-02 Client ID: DUP Sample						
Aluminum, Total	1660	1730	mg/kg	4		20
Cadmium, Total	ND	ND	mg/kg	NC		20
Total Metals - Mansfield Lab Associated sample(s): 01,03,05,07,09 QC Batch ID: WG1829738-4 QC Sample: L2353747-02 Client ID: DUP Sample						
Mercury, Total	ND	ND	mg/kg	NC		20
TCLP Metals by EPA 1311 - Mansfield Lab Associated sample(s): 01,03,05,07,09 QC Batch ID: WG1830792-4 QC Sample: L2354976-01 Client ID: COMP_B2(0-7)						
Arsenic, TCLP	ND	ND	mg/l	NC		20
Barium, TCLP	0.940	0.962	mg/l	2		20
Cadmium, TCLP	ND	ND	mg/l	NC		20
Chromium, TCLP	ND	ND	mg/l	NC		20
Lead, TCLP	ND	ND	mg/l	NC		20
Selenium, TCLP	ND	ND	mg/l	NC		20
Silver, TCLP	ND	ND	mg/l	NC		20
TCLP Metals by EPA 1311 - Mansfield Lab Associated sample(s): 01,03,05,07,09 QC Batch ID: WG1830794-4 QC Sample: L2354976-01 Client ID: COMP_B2(0-7)						
Mercury, TCLP	ND	ND	mg/l	NC		20

INORGANICS & MISCELLANEOUS

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 8

Lab Number: L2354976
Report Date: 09/26/23

SAMPLE RESULTS

Lab ID: L2354976-01
Client ID: COMP_B2(0-7)
Sample Location: Not Specified

Date Collected: 09/19/23 09:15
Date Received: 09/19/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Test Material Information

Source of Material: Unknown
Description of Material: Non-Metallic - Wet Clay
Particle Size: Medium
Preliminary Burning Time (sec): 120

Parameter	Result	Date Analyzed	Analytical Method	Analyst
Ignitability of Solids - Westborough Lab				
Ignitability	NI	09/22/23 15:12	1,1030	GEF



Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 8

Lab Number: L2354976
Report Date: 09/26/23

SAMPLE RESULTS

Lab ID: L2354976-03
Client ID: COMP_B2(7-14)
Sample Location: Not Specified

Date Collected: 09/19/23 09:30
Date Received: 09/19/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Test Material Information

Source of Material: Unknown
Description of Material: Non-Metallic - Wet Clay
Particle Size: Medium
Preliminary Burning Time (sec): 120

Parameter	Result	Date Analyzed	Analytical Method	Analyst
Ignitability of Solids - Westborough Lab				
Ignitability	NI	09/22/23 15:12	1,1030	GEF



Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 8

Lab Number: L2354976
Report Date: 09/26/23

SAMPLE RESULTS

Lab ID: L2354976-05
Client ID: COMP_B2(14-21)
Sample Location: Not Specified

Date Collected: 09/19/23 09:45
Date Received: 09/19/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Test Material Information

Source of Material: Unknown
Description of Material: Non-Metallic - Wet Clay
Particle Size: Medium
Preliminary Burning Time (sec): 120

Parameter	Result	Date Analyzed	Analytical Method	Analyst
Ignitability of Solids - Westborough Lab				
Ignitability	NI	09/22/23 15:12	1,1030	GEF



Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 8

Lab Number: L2354976
Report Date: 09/26/23

SAMPLE RESULTS

Lab ID: L2354976-07
Client ID: COMP_E2(0-7)
Sample Location: Not Specified

Date Collected: 09/19/23 11:45
Date Received: 09/19/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Test Material Information

Source of Material: Unknown
Description of Material: Non-Metallic - Wet Clay
Particle Size: Medium
Preliminary Burning Time (sec): 120

Parameter	Result	Date Analyzed	Analytical Method	Analyst
Ignitability of Solids - Westborough Lab				
Ignitability	NI	09/22/23 15:12	1,1030	GEF



Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 8

Lab Number: L2354976
Report Date: 09/26/23

SAMPLE RESULTS

Lab ID: L2354976-09
Client ID: COMP_E2(7-14)
Sample Location: Not Specified

Date Collected: 09/19/23 11:50
Date Received: 09/19/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Test Material Information

Source of Material: Unknown
Description of Material: Non-Metallic - Wet Clay
Particle Size: Medium
Preliminary Burning Time (sec): 120

Parameter	Result	Date Analyzed	Analytical Method	Analyst
Ignitability of Solids - Westborough Lab				
Ignitability	NI	09/22/23 15:12	1,1030	GEF



Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 8

Lab Number: L2354976
Report Date: 09/26/23

SAMPLE RESULTS

Lab ID: L2354976-01
Client ID: COMP_B2(0-7)
Sample Location: Not Specified

Date Collected: 09/19/23 09:15
Date Received: 09/19/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	85.5		%	0.100	NA	1	-	09/20/23 13:16	121,2540G	ROI
Cyanide, Total	ND		mg/kg	1.2	0.24	1	09/22/23 10:20	09/22/23 14:32	1,9010C/9012B	JER
pH (H)	8.36		SU	-	NA	1	-	09/20/23 20:26	1,9045D	AAS
Chromium, Hexavalent	ND		mg/kg	0.936	0.187	1	09/21/23 08:15	09/22/23 12:10	1,7196A	LOF
Cyanide, Reactive	ND		mg/kg	10	10.	1	09/26/23 16:45	09/26/23 18:33	125,7.3	TLH
Sulfide, Reactive	ND		mg/kg	10	10.	1	09/26/23 16:45	09/26/23 18:19	125,7.3	JBL
Paint Filter Liquid	Negative		-	0	NA	1	-	09/20/23 17:02	1,9095B	AAS



Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 8

Lab Number: L2354976
Report Date: 09/26/23

SAMPLE RESULTS

Lab ID: L2354976-02
Client ID: GRAB_B2(4.5-5)
Sample Location: Not Specified

Date Collected: 09/19/23 09:15
Date Received: 09/19/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	85.5		%	0.100	NA	1	-	09/20/23 13:16	121,2540G	ROI



Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 8

Lab Number: L2354976
Report Date: 09/26/23

SAMPLE RESULTS

Lab ID: L2354976-03
Client ID: COMP_B2(7-14)
Sample Location: Not Specified

Date Collected: 09/19/23 09:30
Date Received: 09/19/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	88.3		%	0.100	NA	1	-	09/20/23 13:16	121,2540G	ROI
Cyanide, Total	ND		mg/kg	1.1	0.24	1	09/22/23 14:20	09/22/23 17:23	1,9010C/9012B	JER
pH (H)	8.39		SU	-	NA	1	-	09/20/23 20:26	1,9045D	AAS
Chromium, Hexavalent	0.204	J	mg/kg	0.906	0.181	1	09/21/23 08:15	09/22/23 12:10	1,7196A	LOF
Cyanide, Reactive	ND		mg/kg	10	10.	1	09/26/23 16:45	09/26/23 18:34	125,7.3	TLH
Sulfide, Reactive	ND		mg/kg	10	10.	1	09/26/23 16:45	09/26/23 18:19	125,7.3	JBL
Paint Filter Liquid	Positive		-	0	NA	1	-	09/20/23 17:02	1,9095B	AAS



Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 8

Lab Number: L2354976
Report Date: 09/26/23

SAMPLE RESULTS

Lab ID: L2354976-04
Client ID: GRAB_B2(7.5-8)
Sample Location: Not Specified

Date Collected: 09/19/23 09:30
Date Received: 09/19/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	88.3		%	0.100	NA	1	-	09/20/23 13:16	121,2540G	ROI



Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 8

Lab Number: L2354976
Report Date: 09/26/23

SAMPLE RESULTS

Lab ID: L2354976-05
Client ID: COMP_B2(14-21)
Sample Location: Not Specified

Date Collected: 09/19/23 09:45
Date Received: 09/19/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	90.0		%	0.100	NA	1	-	09/20/23 13:16	121,2540G	ROI
Cyanide, Total	ND		mg/kg	1.1	0.23	1	09/22/23 14:20	09/22/23 17:26	1,9010C/9012B	JER
pH (H)	8.68		SU	-	NA	1	-	09/20/23 20:26	1,9045D	AAS
Chromium, Hexavalent	ND		mg/kg	0.889	0.178	1	09/21/23 08:15	09/22/23 12:10	1,7196A	LOF
Cyanide, Reactive	ND		mg/kg	10	10.	1	09/26/23 16:45	09/26/23 18:34	125,7.3	TLH
Sulfide, Reactive	ND		mg/kg	10	10.	1	09/26/23 16:45	09/26/23 18:19	125,7.3	JBL
Paint Filter Liquid	Negative		-	0	NA	1	-	09/20/23 17:02	1,9095B	AAS



Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 8

Lab Number: L2354976
Report Date: 09/26/23

SAMPLE RESULTS

Lab ID: L2354976-06
Client ID: GRAB_B2(15.5-16)
Sample Location: Not Specified

Date Collected: 09/19/23 09:45
Date Received: 09/19/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	90.0		%	0.100	NA	1	-	09/20/23 13:16	121,2540G	ROI



Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 8

Lab Number: L2354976
Report Date: 09/26/23

SAMPLE RESULTS

Lab ID: L2354976-07
Client ID: COMP_E2(0-7)
Sample Location: Not Specified

Date Collected: 09/19/23 11:45
Date Received: 09/19/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	89.0		%	0.100	NA	1	-	09/20/23 13:16	121,2540G	ROI
Cyanide, Total	ND		mg/kg	1.1	0.23	1	09/22/23 14:20	09/22/23 17:27	1,9010C/9012B	JER
pH (H)	8.50		SU	-	NA	1	-	09/20/23 20:26	1,9045D	AAS
Chromium, Hexavalent	ND		mg/kg	0.899	0.180	1	09/21/23 08:15	09/22/23 12:10	1,7196A	LOF
Cyanide, Reactive	ND		mg/kg	10	10.	1	09/26/23 16:45	09/26/23 18:34	125,7.3	TLH
Sulfide, Reactive	ND		mg/kg	10	10.	1	09/26/23 16:45	09/26/23 18:19	125,7.3	JBL
Paint Filter Liquid	Negative		-	0	NA	1	-	09/20/23 17:02	1,9095B	AAS



Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 8

Lab Number: L2354976
Report Date: 09/26/23

SAMPLE RESULTS

Lab ID: L2354976-08
Client ID: GRAB_E2(3.5-4)
Sample Location: Not Specified

Date Collected: 09/19/23 11:45
Date Received: 09/19/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	89.0		%	0.100	NA	1	-	09/20/23 13:16	121,2540G	ROI



Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 8

Lab Number: L2354976
Report Date: 09/26/23

SAMPLE RESULTS

Lab ID: L2354976-09
Client ID: COMP_E2(7-14)
Sample Location: Not Specified

Date Collected: 09/19/23 11:50
Date Received: 09/19/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	89.2		%	0.100	NA	1	-	09/20/23 13:16	121,2540G	ROI
Cyanide, Total	ND		mg/kg	1.1	0.23	1	09/22/23 14:20	09/22/23 17:28	1,9010C/9012B	JER
pH (H)	8.77		SU	-	NA	1	-	09/20/23 20:26	1,9045D	AAS
Chromium, Hexavalent	ND		mg/kg	0.897	0.179	1	09/21/23 08:15	09/22/23 12:10	1,7196A	LOF
Cyanide, Reactive	ND		mg/kg	10	10.	1	09/26/23 16:45	09/26/23 18:35	125,7.3	TLH
Sulfide, Reactive	ND		mg/kg	10	10.	1	09/26/23 16:45	09/26/23 18:20	125,7.3	JBL
Paint Filter Liquid	Positive		-	0	NA	1	-	09/20/23 17:02	1,9095B	AAS



Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 8

Lab Number: L2354976
Report Date: 09/26/23

SAMPLE RESULTS

Lab ID: L2354976-10
Client ID: GRAB_E2(7.5-8)
Sample Location: Not Specified

Date Collected: 09/19/23 11:50
Date Received: 09/19/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	89.2		%	0.100	NA	1	-	09/20/23 13:16	121,2540G	ROI



Project Name: SUN VALLEY NURSERY FILLING STA**Lab Number:** L2354976**Project Number:** 12060 / PHASE 8**Report Date:** 09/26/23

Method Blank Analysis Batch Quality Control

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab for sample(s): 01,03,05,07,09 Batch: WG1830168-1										
Chromium, Hexavalent	ND		mg/kg	0.800	0.160	1	09/21/23 08:15	09/22/23 12:10	1,7196A	LOF
General Chemistry - Westborough Lab for sample(s): 01 Batch: WG1830660-1										
Cyanide, Total	ND		mg/kg	0.89	0.19	1	09/22/23 10:20	09/22/23 14:15	1,9010C/9012B	JER
General Chemistry - Westborough Lab for sample(s): 03,05,07,09 Batch: WG1830788-1										
Cyanide, Total	ND		mg/kg	0.95	0.20	1	09/22/23 14:20	09/22/23 17:13	1,9010C/9012B	JER
General Chemistry - Westborough Lab for sample(s): 01,03,05,07,09 Batch: WG1832163-1										
Sulfide, Reactive	ND		mg/kg	10	10.	1	09/26/23 16:45	09/26/23 18:18	125,7.3	JBL
General Chemistry - Westborough Lab for sample(s): 01,03,05,07,09 Batch: WG1832167-1										
Cyanide, Reactive	ND		mg/kg	10	10.	1	09/26/23 16:45	09/26/23 18:32	125,7.3	TLH

Lab Control Sample Analysis

Batch Quality Control

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 8

Lab Number: L2354976
Report Date: 09/26/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01,03,05,07,09 Batch: WG1829956-1								
pH	100		-		99-101	-		
General Chemistry - Westborough Lab Associated sample(s): 01,03,05,07,09 Batch: WG1830168-2								
Chromium, Hexavalent	88		-		80-120	-		20
General Chemistry - Westborough Lab Associated sample(s): 01 Batch: WG1830660-2 WG1830660-3								
Cyanide, Total	77	Q	83		80-120	10		35
General Chemistry - Westborough Lab Associated sample(s): 03,05,07,09 Batch: WG1830788-2 WG1830788-3								
Cyanide, Total	86		92		80-120	3		35
General Chemistry - Westborough Lab Associated sample(s): 01,03,05,07,09 Batch: WG1832163-2								
Sulfide, Reactive	93		-		60-125	-		40
General Chemistry - Westborough Lab Associated sample(s): 01,03,05,07,09 Batch: WG1832167-2								
Cyanide, Reactive	73		-		30-125	-		40

Matrix Spike Analysis

Batch Quality Control

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 8

Lab Number: L2354976
Report Date: 09/26/23

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01,03,05,07,09 QC Batch ID: WG1830168-4 QC Sample: L2354976-05 Client ID: COMP_B2(14-21)												
Chromium, Hexavalent	ND	1200	1090	90		-	-		75-125	-		20
General Chemistry - Westborough Lab Associated sample(s): 01 QC Batch ID: WG1830660-4 WG1830660-5 QC Sample: L2354973-13 Client ID: MS Sample												
Cyanide, Total	ND	10	11	100		11	110		75-125	0		35
General Chemistry - Westborough Lab Associated sample(s): 03,05,07,09 QC Batch ID: WG1830788-4 WG1830788-5 QC Sample: L2354976-03 Client ID: COMP_B2(7-14)												
Cyanide, Total	ND	11	12	110		10	96		75-125	18		35

Lab Duplicate Analysis *Batch Quality Control*

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 8

Lab Number: L2354976
Report Date: 09/26/23

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01-10 QC Batch ID: WG1829791-1 QC Sample: L2354856-01 Client ID: DUP Sample						
Solids, Total	84.0	86.8	%	3		20
General Chemistry - Westborough Lab Associated sample(s): 01,03,05,07,09 QC Batch ID: WG1829956-2 QC Sample: L2354568-01 Client ID: DUP Sample						
pH	11.8	11.5	SU	3		5
General Chemistry - Westborough Lab Associated sample(s): 01,03,05,07,09 QC Batch ID: WG1830168-6 QC Sample: L2354976-05 Client ID: COMP_B2(14-21)						
Chromium, Hexavalent	ND	ND	mg/kg	NC		20
General Chemistry - Westborough Lab Associated sample(s): 01,03,05,07,09 QC Batch ID: WG1832163-3 QC Sample: L2354888-01 Client ID: DUP Sample						
Sulfide, Reactive	ND	ND	mg/kg	NC		40
General Chemistry - Westborough Lab Associated sample(s): 01,03,05,07,09 QC Batch ID: WG1832167-3 QC Sample: L2354888-01 Client ID: DUP Sample						
Cyanide, Reactive	ND	ND	mg/kg	NC		40

Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 8

Serial_No: 09262320:02
Lab Number: L2354976
Report Date: 09/26/23

Sample Receipt and Container Information

Were project specific reporting limits specified? YES

Cooler Information

Cooler **Custody Seal**
A Absent

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2354976-01A	Plastic 2oz unpreserved for TS	A	NA		3.8	Y	Absent		TS(7)
L2354976-01B	Metals Only-Glass 60mL/2oz unpreserved	A	NA		3.8	Y	Absent		BE-Ti(180),BA-Ti(180),AS-Ti(180),AG-Ti(180),TL-Ti(180),NI-Ti(180),CR-Ti(180),AL-Ti(180),SE-Ti(180),ZN-Ti(180),CU-Ti(180),PB-Ti(180),SB-Ti(180),CO-Ti(180),V-Ti(180),FE-Ti(180),MN-Ti(180),HG-T(28),MG-Ti(180),CD-Ti(180),K-Ti(180),CA-Ti(180),NA-Ti(180)
L2354976-01C	Glass 120ml/4oz unpreserved	A	NA		3.8	Y	Absent		TCN-9010(14),IGNIT-1030(14),NJEPH-TPH-CAT2(14),REACTS(14),NYTCL-8270(14),HERB-APA(14),PH-9045(1),NYTCL-8081(14),PAINTF(),REACTCN(14),NYTCL-8082(365),HEXCR-7196(30)
L2354976-01D	Glass 500ml/16oz unpreserved	A	NA		3.8	Y	Absent		TCN-9010(14),IGNIT-1030(14),NJEPH-TPH-CAT2(14),REACTS(14),NYTCL-8270(14),HERB-APA(14),PH-9045(1),NYTCL-8081(14),PAINTF(),REACTCN(14),NYTCL-8082(365),HEXCR-7196(30)
L2354976-01E	Glass 500ml/16oz unpreserved	A	NA		3.8	Y	Absent		TCN-9010(14),IGNIT-1030(14),NJEPH-TPH-CAT2(14),REACTS(14),NYTCL-8270(14),HERB-APA(14),PH-9045(1),NYTCL-8081(14),PAINTF(),REACTCN(14),NYTCL-8082(365),HEXCR-7196(30)
L2354976-01X	Plastic 120ml HNO3 preserved Extracts	A	NA		3.8	Y	Absent		CD-CI(180),BA-CI(180),AS-CI(180),HG-C(28),PB-CI(180),CR-CI(180),SE-CI(180),AG-CI(180)
L2354976-01X9	Tumble Vessel	A	NA		3.8	Y	Absent		-
L2354976-02A	5 gram Encore Sampler	A	NA		3.8	Y	Absent		NYTCL-8260HLW(14)
L2354976-02B	5 gram Encore Sampler	A	NA		3.8	Y	Absent		NYTCL-8260HLW(14)
L2354976-02C	5 gram Encore Sampler	A	NA		3.8	Y	Absent		NYTCL-8260HLW(14)
L2354976-02X	Vial MeOH preserved split	A	NA		3.8	Y	Absent		NYTCL-8260HLW(14)
L2354976-02Y	Vial Water preserved split	A	NA		3.8	Y	Absent	20-SEP-23 15:53	NYTCL-8260HLW(14)
L2354976-02Z	Vial Water preserved split	A	NA		3.8	Y	Absent	20-SEP-23 15:53	NYTCL-8260HLW(14)
L2354976-03A	Plastic 2oz unpreserved for TS	A	NA		3.8	Y	Absent		TS(7)

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L2354976-03B	Metals Only-Glass 60mL/2oz unpreserved	A	NA		3.8	Y	Absent		BE-Ti(180),BA-Ti(180),AS-Ti(180),AG-Ti(180),NI-Ti(180),AL-Ti(180),CR-Ti(180),TL-Ti(180),SE-Ti(180),ZN-Ti(180),CU-Ti(180),PB-Ti(180),SB-Ti(180),V-Ti(180),CO-Ti(180),HG-T(28),MN-Ti(180),FE-Ti(180),MG-Ti(180),CA-Ti(180),NA-Ti(180),K-Ti(180),CD-Ti(180)
L2354976-03C	Glass 120ml/4oz unpreserved	A	NA		3.8	Y	Absent		NYTCL-8270(14),REACTS(14),IGNIT-1030(14),NJEPH-TPH-CAT2(14),TCN-9010(14),HERB-APA(14),PH-9045(1),NYTCL-8081(14),PAINTF(),NYTCL-8082(365),REACTCN(14),HEXCR-7196(30)
L2354976-03D	Glass 500ml/16oz unpreserved	A	NA		3.8	Y	Absent		NYTCL-8270(14),REACTS(14),IGNIT-1030(14),NJEPH-TPH-CAT2(14),TCN-9010(14),HERB-APA(14),PH-9045(1),NYTCL-8081(14),PAINTF(),NYTCL-8082(365),REACTCN(14),HEXCR-7196(30)
L2354976-03E	Glass 500ml/16oz unpreserved	A	NA		3.8	Y	Absent		NYTCL-8270(14),REACTS(14),IGNIT-1030(14),NJEPH-TPH-CAT2(14),TCN-9010(14),HERB-APA(14),PH-9045(1),NYTCL-8081(14),PAINTF(),NYTCL-8082(365),REACTCN(14),HEXCR-7196(30)
L2354976-03X	Plastic 120ml HNO3 preserved Extracts	A	NA		3.8	Y	Absent		CD-CI(180),AS-CI(180),BA-CI(180),HG-C(28),PB-CI(180),SE-CI(180),CR-CI(180),AG-CI(180)
L2354976-03X9	Tumble Vessel	A	NA		3.8	Y	Absent		-
L2354976-04A	5 gram Encore Sampler	A	NA		3.8	Y	Absent		NYTCL-8260HLW(14)
L2354976-04B	5 gram Encore Sampler	A	NA		3.8	Y	Absent		NYTCL-8260HLW(14)
L2354976-04C	5 gram Encore Sampler	A	NA		3.8	Y	Absent		NYTCL-8260HLW(14)
L2354976-04X	Vial MeOH preserved split	A	NA		3.8	Y	Absent		NYTCL-8260HLW(14)
L2354976-04Y	Vial Water preserved split	A	NA		3.8	Y	Absent	20-SEP-23 15:53	NYTCL-8260HLW(14)
L2354976-04Z	Vial Water preserved split	A	NA		3.8	Y	Absent	20-SEP-23 15:53	NYTCL-8260HLW(14)
L2354976-05A	Plastic 2oz unpreserved for TS	A	NA		3.8	Y	Absent		TS(7)
L2354976-05B	Metals Only-Glass 60mL/2oz unpreserved	A	NA		3.8	Y	Absent		BE-Ti(180),AS-Ti(180),BA-Ti(180),AG-Ti(180),NI-Ti(180),TL-Ti(180),CR-Ti(180),AL-Ti(180),ZN-Ti(180),CU-Ti(180),SE-Ti(180),PB-Ti(180),SB-Ti(180),CO-Ti(180),V-Ti(180),HG-T(28),MN-Ti(180),FE-Ti(180),MG-Ti(180),CA-Ti(180),K-Ti(180),NA-Ti(180),CD-Ti(180)

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Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2354976-05C	Glass 120ml/4oz unpreserved	A	NA		3.8	Y	Absent		REACTS(14),TCN-9010(14),IGNIT-1030(14),NYTCL-8270(14),NJEPH-TPH-CAT2(14),HERB-APA(14),PH-9045(1),PAINTF(),NYTCL-8081(14),REACTCN(14),NYTCL-8082(365),HEXCR-7196(30)
L2354976-05D	Glass 500ml/16oz unpreserved	A	NA		3.8	Y	Absent		REACTS(14),TCN-9010(14),IGNIT-1030(14),NYTCL-8270(14),NJEPH-TPH-CAT2(14),HERB-APA(14),PH-9045(1),PAINTF(),NYTCL-8081(14),REACTCN(14),NYTCL-8082(365),HEXCR-7196(30)
L2354976-05E	Glass 500ml/16oz unpreserved	A	NA		3.8	Y	Absent		REACTS(14),TCN-9010(14),IGNIT-1030(14),NYTCL-8270(14),NJEPH-TPH-CAT2(14),HERB-APA(14),PH-9045(1),PAINTF(),NYTCL-8081(14),REACTCN(14),NYTCL-8082(365),HEXCR-7196(30)
L2354976-05X	Plastic 120ml HNO3 preserved Extracts	A	NA		3.8	Y	Absent		CD-CI(180),AS-CI(180),BA-CI(180),HG-C(28),PB-CI(180),SE-CI(180),CR-CI(180),AG-CI(180)
L2354976-05X9	Tumble Vessel	A	NA		3.8	Y	Absent		-
L2354976-06A	5 gram Encore Sampler	A	NA		3.8	Y	Absent		NYTCL-8260HLW(14)
L2354976-06B	5 gram Encore Sampler	A	NA		3.8	Y	Absent		NYTCL-8260HLW(14)
L2354976-06C	5 gram Encore Sampler	A	NA		3.8	Y	Absent		NYTCL-8260HLW(14)
L2354976-06X	Vial MeOH preserved split	A	NA		3.8	Y	Absent		NYTCL-8260HLW(14)
L2354976-06Y	Vial Water preserved split	A	NA		3.8	Y	Absent	20-SEP-23 15:53	NYTCL-8260HLW(14)
L2354976-06Z	Vial Water preserved split	A	NA		3.8	Y	Absent	20-SEP-23 15:53	NYTCL-8260HLW(14)
L2354976-07A	Plastic 2oz unpreserved for TS	A	NA		3.8	Y	Absent		TS(7)
L2354976-07B	Metals Only-Glass 60mL/2oz unpreserved	A	NA		3.8	Y	Absent		BE-TI(180),BA-TI(180),AS-TI(180),AG-TI(180),AL-TI(180),NI-TI(180),CR-TI(180),TL-TI(180),CU-TI(180),PB-TI(180),SE-TI(180),SB-TI(180),ZN-TI(180),CO-TI(180),V-TI(180),FE-TI(180),MG-TI(180),MN-TI(180),HG-T(28),CA-TI(180),NA-TI(180),CD-TI(180),K-TI(180)
L2354976-07C	Glass 120ml/4oz unpreserved	A	NA		3.8	Y	Absent		IGNIT-1030(14),REACTS(14),NJEPH-TPH-CAT2(14),NYTCL-8270(14),TCN-9010(14),HERB-APA(14),PH-9045(1),NYTCL-8081(14),PAINTF(),NYTCL-8082(365),REACTCN(14),HEXCR-7196(30)

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Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2354976-07D	Glass 500ml/16oz unpreserved	A	NA		3.8	Y	Absent		IGNIT-1030(14),REACTS(14),NJEPH-TPH-CAT2(14),NYTCL-8270(14),TCN-9010(14),HERB-APA(14),PH-9045(1),NYTCL-8081(14),PAINTF(),NYTCL-8082(365),REACTCN(14),HEXCR-7196(30)
L2354976-07E	Glass 500ml/16oz unpreserved	A	NA		3.8	Y	Absent		IGNIT-1030(14),REACTS(14),NJEPH-TPH-CAT2(14),NYTCL-8270(14),TCN-9010(14),HERB-APA(14),PH-9045(1),NYTCL-8081(14),PAINTF(),NYTCL-8082(365),REACTCN(14),HEXCR-7196(30)
L2354976-07X	Plastic 120ml HNO3 preserved Extracts	A	NA		3.8	Y	Absent		CD-CI(180),AS-CI(180),BA-CI(180),HG-C(28),PB-CI(180),SE-CI(180),CR-CI(180),AG-CI(180)
L2354976-07X9	Tumble Vessel	A	NA		3.8	Y	Absent		-
L2354976-08A	5 gram Encore Sampler	A	NA		3.8	Y	Absent		NYTCL-8260HLW(14)
L2354976-08B	5 gram Encore Sampler	A	NA		3.8	Y	Absent		NYTCL-8260HLW(14)
L2354976-08C	5 gram Encore Sampler	A	NA		3.8	Y	Absent		NYTCL-8260HLW(14)
L2354976-08X	Vial MeOH preserved split	A	NA		3.8	Y	Absent		NYTCL-8260HLW(14)
L2354976-08Y	Vial Water preserved split	A	NA		3.8	Y	Absent	20-SEP-23 15:53	NYTCL-8260HLW(14)
L2354976-08Z	Vial Water preserved split	A	NA		3.8	Y	Absent	20-SEP-23 15:53	NYTCL-8260HLW(14)
L2354976-09A	Plastic 2oz unpreserved for TS	A	NA		3.8	Y	Absent		TS(7)
L2354976-09B	Metals Only-Glass 60mL/2oz unpreserved	A	NA		3.8	Y	Absent		BE-TI(180),BA-TI(180),AS-TI(180),AG-TI(180),AL-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),SE-TI(180),ZN-TI(180),SB-TI(180),CU-TI(180),PB-TI(180),V-TI(180),CO-TI(180),MG-TI(180),HG-T(28),MN-TI(180),FE-TI(180),CA-TI(180),K-TI(180),CD-TI(180),NA-TI(180)
L2354976-09C	Glass 120ml/4oz unpreserved	A	NA		3.8	Y	Absent		REACTS(14),NJEPH-TPH-CAT2(14),IGNIT-1030(14),NYTCL-8270(14),TCN-9010(14),HERB-APA(14),PH-9045(1),NYTCL-8081(14),PAINTF(),NYTCL-8082(365),REACTCN(14),HEXCR-7196(30)
L2354976-09D	Glass 500ml/16oz unpreserved	A	NA		3.8	Y	Absent		REACTS(14),NJEPH-TPH-CAT2(14),IGNIT-1030(14),NYTCL-8270(14),TCN-9010(14),HERB-APA(14),PH-9045(1),NYTCL-8081(14),PAINTF(),NYTCL-8082(365),REACTCN(14),HEXCR-7196(30)
L2354976-09E	Glass 500ml/16oz unpreserved	A	NA		3.8	Y	Absent		REACTS(14),NJEPH-TPH-CAT2(14),IGNIT-1030(14),NYTCL-8270(14),TCN-9010(14),HERB-APA(14),PH-9045(1),NYTCL-8081(14),PAINTF(),NYTCL-8082(365),REACTCN(14),HEXCR-7196(30)

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L2354976-09X	Plastic 120ml HNO3 preserved Extracts	A	NA		3.8	Y	Absent		CD-CI(180),BA-CI(180),AS-CI(180),HG-C(28),PB-CI(180),CR-CI(180),SE-CI(180),AG-CI(180)
L2354976-09X9	Tumble Vessel	A	NA		3.8	Y	Absent		-
L2354976-10A	5 gram Encore Sampler	A	NA		3.8	Y	Absent		NYTCL-8260HLW(14)
L2354976-10B	5 gram Encore Sampler	A	NA		3.8	Y	Absent		NYTCL-8260HLW(14)
L2354976-10C	5 gram Encore Sampler	A	NA		3.8	Y	Absent		NYTCL-8260HLW(14)
L2354976-10X	Vial MeOH preserved split	A	NA		3.8	Y	Absent		NYTCL-8260HLW(14)
L2354976-10Y	Vial Water preserved split	A	NA		3.8	Y	Absent	20-SEP-23 15:53	NYTCL-8260HLW(14)
L2354976-10Z	Vial Water preserved split	A	NA		3.8	Y	Absent	20-SEP-23 15:53	NYTCL-8260HLW(14)

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GLOSSARY

Acronyms

DL	- Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the limit of quantitation (LOQ). The DL includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
EDL	- Estimated Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The EDL includes any adjustments from dilutions, concentrations or moisture content, where applicable. The use of EDLs is specific to the analysis of PAHs using Solid-Phase Microextraction (SPME).
EMPC	- Estimated Maximum Possible Concentration: The concentration that results from the signal present at the retention time of an analyte when the ions meet all of the identification criteria except the ion abundance ratio criteria. An EMPC is a worst-case estimate of the concentration.
EPA	- Environmental Protection Agency.
LCS	- Laboratory Control Sample: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.
LCSD	- Laboratory Control Sample Duplicate: Refer to LCS.
LFB	- Laboratory Fortified Blank: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.
LOD	- Limit of Detection: This value represents the level to which a target analyte can reliably be detected for a specific analyte in a specific matrix by a specific method. The LOD includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
LOQ	- Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.) Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
MDL	- Method Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The MDL includes any adjustments from dilutions, concentrations or moisture content, where applicable.
MS	- Matrix Spike Sample: A sample prepared by adding a known mass of target analyte to a specified amount of matrix sample for which an independent estimate of target analyte concentration is available. For Method 332.0, the spike recovery is calculated using the native concentration, including estimated values.
MSD	- Matrix Spike Sample Duplicate: Refer to MS.
NA	- Not Applicable.
NC	- Not Calculated: Term is utilized when one or more of the results utilized in the calculation are non-detect at the parameter's reporting unit.
NDPA/DPA	- N-Nitrosodiphenylamine/Diphenylamine.
NI	- Not Ignitable.
NP	- Non-Plastic: Term is utilized for the analysis of Atterberg Limits in soil.
NR	- No Results: Term is utilized when 'No Target Compounds Requested' is reported for the analysis of Volatile or Semivolatile Organic TIC only requests.
RL	- Reporting Limit: The value at which an instrument can accurately measure an analyte at a specific concentration. The RL includes any adjustments from dilutions, concentrations or moisture content, where applicable.
RPD	- Relative Percent Difference: The results from matrix and/or matrix spike duplicates are primarily designed to assess the precision of analytical results in a given matrix and are expressed as relative percent difference (RPD). Values which are less than five times the reporting limit for any individual parameter are evaluated by utilizing the absolute difference between the values; although the RPD value will be provided in the report.
SRM	- Standard Reference Material: A reference sample of a known or certified value that is of the same or similar matrix as the associated field samples.
STLP	- Semi-dynamic Tank Leaching Procedure per EPA Method 1315.
TEF	- Toxic Equivalency Factors: The values assigned to each dioxin and furan to evaluate their toxicity relative to 2,3,7,8-TCDD.
TEQ	- Toxic Equivalent: The measure of a sample's toxicity derived by multiplying each dioxin and furan by its corresponding TEF and then summing the resulting values.
TIC	- Tentatively Identified Compound: A compound that has been identified to be present and is not part of the target compound list (TCL) for the method and/or program. All TICs are qualitatively identified and reported as estimated concentrations.

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Footnotes

- 1 - The reference for this analyte should be considered modified since this analyte is absent from the target analyte list of the original method.

Terms

Analytical Method: Both the document from which the method originates and the analytical reference method. (Example: EPA 8260B is shown as 1,8260B.) The codes for the reference method documents are provided in the References section of the Addendum.

Chlordane: The target compound Chlordane (CAS No. 57-74-9) is reported for GC ECD analyses. Per EPA, this compound "refers to a mixture of chlordane isomers, other chlorinated hydrocarbons and numerous other components." (Reference: USEPA Toxicological Review of Chlordane, In Support of Summary Information on the Integrated Risk Information System (IRIS), December 1997.)

Difference: With respect to Total Oxidizable Precursor (TOP) Assay analysis, the difference is defined as the Post-Treatment value minus the Pre-Treatment value.

Final pH: As it pertains to Sample Receipt & Container Information section of the report, Final pH reflects pH of container determined after adjustment at the laboratory, if applicable. If no adjustment required, value reflects Initial pH.

Frozen Date/Time: With respect to Volatile Organics in soil, Frozen Date/Time reflects the date/time at which associated Reagent Water-preserved vials were initially frozen. Note: If frozen date/time is beyond 48 hours from sample collection, value will be reflected in 'bold'.

Gasoline Range Organics (GRO): Gasoline Range Organics (GRO) results include all chromatographic peaks eluting from Methyl tert butyl ether through Naphthalene, with the exception of GRO analysis in support of State of Ohio programs, which includes all chromatographic peaks eluting from Hexane through Dodecane.

Initial pH: As it pertains to Sample Receipt & Container Information section of the report, Initial pH reflects pH of container determined upon receipt, if applicable.

PAH Total: With respect to Alkylated PAH analyses, the 'PAHs, Total' result is defined as the summation of results for all or a subset of the following compounds: Naphthalene, C1-C4 Naphthalenes, 2-Methylnaphthalene, 1-Methylnaphthalene, Biphenyl, Acenaphthylene, Acenaphthene, Fluorene, C1-C3 Fluorenes, Phenanthrene, C1-C4 Phenanthrenes/Anthracenes, Anthracene, Fluoranthene, Pyrene, C1-C4 Fluoranthenes/Pyrenes, Benz(a)anthracene, Chrysene, C1-C4 Chrysenes, Benzo(b)fluoranthene, Benzo(j)+(k)fluoranthene, Benzo(e)pyrene, Benzo(a)pyrene, Perylene, Indeno(1,2,3-cd)pyrene, Dibenz(ah)+(ac)anthracene, Benzo(g,h,i)perylene. If a 'Total' result is requested, the results of its individual components will also be reported.

PFAS Total: With respect to PFAS analyses, the 'PFAS, Total (5)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA and PFOS. In addition, the 'PFAS, Total (6)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA, PFDA and PFOS. For MassDEP DW compliance analysis only, the 'PFAS, Total (6)' result is defined as the summation of results at or above the RL. Note: If a 'Total' result is requested, the results of its individual components will also be reported.

Total: With respect to Organic analyses, a 'Total' result is defined as the summation of results for individual isomers or Aroclors. If a 'Total' result is requested, the results of its individual components will also be reported. This is applicable to 'Total' results for methods 8260, 8081 and 8082.

Data Qualifiers

- A** - Spectra identified as "Aldol Condensates" are byproducts of the extraction/concentration procedures when acetone is introduced in the process.
- B** - The analyte was detected above the reporting limit in the associated method blank. Flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For MCP-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For DOD-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank AND the analyte was detected above one-half the reporting limit (or above the reporting limit for common lab contaminants) in the associated method blank. For NJ-Air-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte above the reporting limit. For NJ-related projects (excluding Air), flag only applies to associated field samples that have detectable concentrations of the analyte, which was detected above the reporting limit in the associated method blank or above five times the reporting limit for common lab contaminants (Phthalates, Acetone, Methylene Chloride, 2-Butanone).
- C** - Co-elution: The target analyte co-elutes with a known lab standard (i.e. surrogate, internal standards, etc.) for co-extracted analyses.
- D** - Concentration of analyte was quantified from diluted analysis. Flag only applies to field samples that have detectable concentrations of the analyte.
- E** - Concentration of analyte exceeds the range of the calibration curve and/or linear range of the instrument.
- F** - The ratio of quantifier ion response to qualifier ion response falls outside of the laboratory criteria. Results are considered to be an estimated maximum concentration.
- G** - The concentration may be biased high due to matrix interferences (i.e. co-elution) with non-target compound(s). The result should be considered estimated.
- H** - The analysis of pH was performed beyond the regulatory-required holding time of 15 minutes from the time of sample collection.
- I** - The lower value for the two columns has been reported due to obvious interference.
- J** - Estimated value. The Target analyte concentration is below the quantitation limit (RL), but above the Method Detection Limit (MDL) or Estimated Detection Limit (EDL) for SPME-related analyses. This represents an estimated concentration for Tentatively

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Data Qualifiers

Identified Compounds (TICs). For calculated parameters, this represents that one or more values used in the calculation were estimated.

- M** - Reporting Limit (RL) exceeds the MCP CAM Reporting Limit for this analyte.
- ND** - Not detected at the method detection limit (MDL) for the sample, or estimated detection limit (EDL) for SPME-related analyses.
- NJ** - Presumptive evidence of compound. This represents an estimated concentration for Tentatively Identified Compounds (TICs), where the identification is based on a mass spectral library search.
- P** - The RPD between the results for the two columns exceeds the method-specified criteria.
- Q** - The quality control sample exceeds the associated acceptance criteria. For DOD-related projects, LCS and/or Continuing Calibration Standard exceedences are also qualified on all associated sample results. Note: This flag is not applicable for matrix spike recoveries when the sample concentration is greater than 4x the spike added or for batch duplicate RPD when the sample concentrations are less than 5x the RL. (Metals only.)
- R** - Analytical results are from sample re-analysis.
- RE** - Analytical results are from sample re-extraction.
- S** - Analytical results are from modified screening analysis.
- V** - The surrogate associated with this target analyte has a recovery outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)
- Z** - The batch matrix spike and/or duplicate associated with this target analyte has a recovery/RPD outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)

Report Format: DU Report with 'J' Qualifiers



Project Name: SUN VALLEY NURSERY FILLING STA
Project Number: 12060 / PHASE 8

Lab Number: L2354976
Report Date: 09/26/23

REFERENCES

- 1 Test Methods for Evaluating Solid Waste: Physical/Chemical Methods. EPA SW-846. Third Edition. Updates I - VI, 2018.
- 103 Analysis of Extractable Petroleum Hydrocarbon Compounds (EPH) in Aqueous and Soil/Sediment/Sludge Matrices. New Jersey Department of Environmental Protection, Site Remediation Program, (Version 1.1), Document # NJDEP EPH 10/08, Revision 3, August 2010.
- 121 Standard Methods for the Examination of Water and Wastewater. APHA-AWWA-WEF. Standard Methods Online.
- 125 Test Methods for Evaluating Solid Waste: Physical/Chemical Methods. EPA SW-846. Third Edition. Updates IIIA, April 1998.

LIMITATION OF LIABILITIES

Alpha Analytical performs services with reasonable care and diligence normal to the analytical testing laboratory industry. In the event of an error, the sole and exclusive responsibility of Alpha Analytical shall be to re-perform the work at it's own expense. In no event shall Alpha Analytical be held liable for any incidental, consequential or special damages, including but not limited to, damages in any way connected with the use of, interpretation of, information or analysis provided by Alpha Analytical.

We strongly urge our clients to comply with EPA protocol regarding sample volume, preservation, cooling, containers, sampling procedures, holding time and splitting of samples in the field.



Alpha Analytical, Inc.

ID No.:17873

Facility: **Company-wide**

Revision 20

Department: **Quality Assurance**

Published Date: 6/16/2023 4:52:28 PM

Title: **Certificate/Approval Program Summary**

Page 1 of 1

Certification Information

The following analytes are not included in our Primary NELAP Scope of Accreditation:

Westborough Facility**EPA 624.1:** m/p-xylene, o-xylene, Naphthalene**EPA 625.1:** alpha-Terpineol**EPA 8260D:** NPW: 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene, Azobenzene; SCM: Iodomethane (methyl iodide), 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene.**EPA 8270E:** NPW: Dimethylnaphthalene, 1,4-Diphenylhydrazine, alpha-Terpineol; SCM: Dimethylnaphthalene, 1,4-Diphenylhydrazine.**SM4500:** NPW: Amenable Cyanide; SCM: Total Phosphorus, TKN, NO₂, NO₃.**Mansfield Facility****SM 2540D:** TSS.**EPA TO-15:** Halothane, 2,4,4-Trimethyl-2-pentene, 2,4,4-Trimethyl-1-pentene, Thiophene, 2-Methylthiophene,

3-Methylthiophene, 2-Ethylthiophene, 1,2,3-Trimethylbenzene, Indan, Indene, 1,2,4,5-Tetramethylbenzene, Benzothiophene, 1-Methylnaphthalene.

Biological Tissue Matrix: EPA 3050B

The following analytes are included in our Massachusetts DEP Scope of Accreditation

Westborough Facility:**Drinking Water****EPA 300.0:** Chloride, Nitrate-N, Fluoride, Sulfate; **EPA 353.2:** Nitrate-N, Nitrite-N; **SM4500NO3-F:** Nitrate-N, Nitrite-N; **SM4500F-C, SM4500CN-CE,****EPA 180.1, SM2130B, SM4500CI-D, SM2320B, SM2540C, SM4500H-B, SM4500NO2-B****EPA 524.2:** THMs and VOCs; **EPA 504.1:** EDB, DBCP.**Microbiology:** **SM9215B; SM9223-P/A, SM9223B-Colilert-QT, SM9222D.****Non-Potable Water****SM4500H,B, EPA 120.1, SM2510B, SM2540C, SM2320B, SM4500CL-E, SM4500F-BC, SM4500NH3-BH:** Ammonia-N and Kjeldahl-N, **EPA 350.1:**Ammonia-N, **LACHAT 10-107-06-1-B:** Ammonia-N, **EPA 351.1, SM4500NO3-F, EPA 353.2:** Nitrate-N, **SM4500P-E, SM4500P-B, E, SM4500SO4-E,****SM5220D, EPA 410.4, SM5210B, SM5310C, SM4500CL-D, EPA 1664, EPA 420.1, SM4500-CN-CE, SM2540D, EPA 300:** Chloride, Sulfate, Nitrate.**EPA 624.1:** Volatile Halocarbons & Aromatics,**EPA 608.3:** Chlordane, Toxaphene, Aldrin, alpha-BHC, beta-BHC, gamma-BHC, delta-BHC, Dieldrin, DDD, DDE, DDT, Endosulfan I, Endosulfan II, Endosulfan sulfate, Endrin, Endrin Aldehyde, Heptachlor, Heptachlor Epoxide, PCBs**EPA 625.1:** SVOC (Acid/Base/Neutral Extractables).**Microbiology:** **SM9223B-Colilert-QT; Enterolert-QT, SM9221E, EPA 1600, EPA 1603, SM9222D.****Mansfield Facility:****Drinking Water****EPA 200.7:** Al, Ba, Cd, Cr, Cu, Fe, Mn, Ni, Na, Ag, Ca, Zn. **EPA 200.8:** Al, Sb, As, Ba, Be, Cd, Cr, Cu, Pb, Mn, Ni, Se, Ag, TL, Zn. **EPA 245.1 Hg.****EPA 522, EPA 537.1.****Non-Potable Water****EPA 200.7:** Al, Sb, As, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Mo, Ni, K, Se, Ag, Na, Sr, TL, Ti, V, Zn.**EPA 200.8:** Al, Sb, As, Be, Cd, Cr, Cu, Fe, Pb, Mn, Ni, K, Se, Ag, Na, TL, Zn.**EPA 245.1 Hg.****SM2340B**

For a complete listing of analytes and methods, please contact your Alpha Project Manager.

 NEW YORK CHAIN OF CUSTODY Westborough, MA 01581 8 Walkup Dr. TEL: 508-898-9220 FAX: 508-898-9193 Mansfield, MA 02048 320 Forbes Blvd TEL: 508-822-9300 FAX: 508-822-3288	Service Centers Mahwah, NJ 07430: 35 Whitney Rd, Suite 5 Albany, NY 12205: 14 Walker Way Tonawanda, NY 14150: 275 Cooper Ave, Suite 105		Page 1 of 1	Date Rec'd in Lab 9/20/23	ALPHA Job # L2354926												
	Project Information Project Name: <u>Sun Valley Wastewater Filling Station</u> Project Location: _____ Project # <u>12060</u> <u>PHASE B</u> (Use Project name as Project #) ☐		Deliverables ☐ ASP-A ☒ ASP-B ☐ EQULS (1 File) ☒ EQULS (4 File) ☐ Other		Billing Information ☒ Same as Client Info PO # _____												
	Client Information Client: <u>SES I</u> Address: <u>459 RT 46, 300</u> Phone: <u>978 809 9050</u> Fax: _____ Email: <u>Monica.Norton@sesi.com</u>		Regulatory Requirement ☐ NY TOGS ☐ NY Part 375 ☐ AWQ Standards ☐ NY CP-51 ☒ NY Restricted Use ☐ Other ☒ NY Unrestricted Use ☐ NYC Sewer Discharge		Disposal Site Information Please identify below location of applicable disposal facilities. Disposal Facility: ☐ NJ ☐ NY ☐ Other: _____												
Turn-Around Time Standard ☒ Due Date: _____ Rush (only if pre approved) ☐ # of Days: _____																	
These samples have been previously analyzed by Alpha ☐																	
Other project specific requirements/comments: <u>Please use SAMPLE 7P, TIME, DATE AS on chain of custody</u>																	
Please specify Metals or TAL.																	
ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date Time		Sample Matrix	Sampler's Initials	ANALYSIS VOCs + IS SVOCs, PCBs PEST / 1196 TAL Metals TOXIC CYANIDE EPH (1A1 2 1) PAH file, Rega Characteristic Semimetals Hex Cr + Plt										Sample Filtration ☐ Done ☐ Lab to do Preservation ☐ Lab to do (Please Specify below)	Total Bottles
54976-01	Comp-B2 (0-7)	9/19/23	015	OS	RR		X	X	X	X	X	X	X	X	use TS Comp	8	
-02	Grab-B2 (4.5-5)		015			X									For Grab	1	
-03	Comp-B2 (7-14)		030				X	X	X	X	X	X	X			8	
-04	Grab-B2 (7.5-8)		030			X										1	
-05	Comp-B2 (14-21)		045				X	X	X	X	X	X	X			8	
-06	Grab-B2 (15.5-16)		045			X										1	
-07	Comp-E2 (0-7)		1145				X	X	X	X	X	X	X			8	
-08	Grab-E2 (3.5-4)		1145			X	X	X	X	X	X	X	X			1	
-09	Comp-E2 (7-14)		1150				X	X	X	X	X	X	X			8	
-10	Grab (7.5-8)		1150			X										1	
Preservative Code: A = None B = HCl C = HNO ₃ D = H ₂ SO ₄ E = NaOH F = MeOH G = NaHSO ₄ H = Na ₂ S ₂ O ₃ K/E = Zn Ac/NaOH O = Other		Container Code P = Plastic A = Amber Glass V = Vial G = Glass B = Bacteria Cup C = Cube O = Other E = Encore D = BOD Bottle		Westboro: Certification No: MA935 Mansfield: Certification No: MA015		Container Type Preservative		Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. BY EXECUTING THIS COC, THE CLIENT HAS READ AND AGREES TO BE BOUND BY ALPHA'S TERMS & CONDITIONS. (See reverse side.)									
Relinquished By:		Date/Time		Received By:		Date/Time											
Joseph Pulikowski SS #1 Anthony Green		9/19/23 9-19-23 2017 9/20/23 0105 9/20/23 0305		SS #1 Anthony Green SS #2		9-19-23 1937 SEP 19 2023 2038 9/20/23 0105 9/20/23 0305											

Appendix F:

Groundwater Monitoring Well Sampling Logs

Location: 136 croton ave, ossining, NY 10562		Job Number: 12060		WELL I.D. :RI-MW-03					
Personnel: Ronnie Reynoso		Date: 10/2/2023							
Stickup? Y	Distance From Rim to PVC	Total Depth of Well Rim	Depth to Product Rim/PVC	Depth to Water (PVC)	Standing Water Column (feet)	Middle of Saturated Zone (feet)	Depth to Sample Tube (feet)	TOV @ Well Head (ppmv)	Pump Peristaltic or Bladder
Distance ground to Stickup Rim/PVC									
3'	0.2'	36.5'	NA	9.5'	27'	23'	30.25'	NA	peri
Turbidity at collection (NTU):		205	(Less than 5 NTU is desirable)		Duplicate Collected? Y			Filtered Sample N	
Stabilization Parameters		+/- 0.5 deg C.	+/- 0.1 Unit	+/- 10 umhos/cm or within 3% if >300umho	1 ppm	+/- 10 mV	No Limit	<.3 feet drawdown desirable	No Limit
Volume Purged (gallons)	Time (actual Time) 5 minute Intervals	TEMP. (Deg. C)	pH	Specific Conductivity uS/cm	Dissolved Oxygen (mg/L)	ORP mV millivolts	Turbidity NTUs	DTW (feet)	Odors Y/N
	1428	24.09	12.37	1300	2.36	-300	103	10	Y (gas)
	1433	19.31	10.7	217	0	-603	190	10.3	Y (gas)
	1438	19.84	10.5	213	0	-604	209	10.4	Y (gas)
	1443	19.72	10.57	222	0	-614	196	10.5	Y (gas)
	1448	20.07	10.67	231	0.14	-633	202	10.8	Y (gas)
	1453	19.97	10.8	232	0	-625	205	11.2	Y (gas)
Well Condition Summary									
Cover: Y		Bolts: Y		Concrete Pad OK: Y		Gripper: Y			
Sample Collection Information									
Sample Time:	10/02/23 1455	Appearance: Silty		Filtered Sample Turbidity:			OTHER:		
Desired purge flow rate <100mL/min (slow drip) & turbidity <10 if possible. If turbidity > 10 collect filtered and unfiltered samples. Notify PM of high turbidity and collection of filtered samples prior to lab submittal. Minimum 20 minute purge to establish stabilization.									
Notes/ Calculations:									
Volume? Linear Ft of well casing; 1"=0.041 gal. 2"= 0.163 gal. 4"=0.653 gal.									
ABSORBENT SOCK									
Sock Length (ft) =		Capacity (Qt.) =		Present:		Y / N		Product Measured (Inches) :	
Sock Installation Date:				Sock Changed :		Y / N			
Sock Depth (Depth to sock mid point):									

Location: 136 croton ave, ossining, NY 10562				Job Number: 12060		WELL I.D. :RI-MW-01			
Personnel: Ronnie Reynoso				Date: 10/3/2023					
				PID:	0.5				
Stickup? N	Distance From Rim to PVC	Total Depth of Well Rim	Depth to Product Rim/PVC	Depth to Water (PVC)	Standing Water Column (feet)	Middle of Saturated Zone (feet)	Depth to Sample Tube (feet)	TOV @ Well Head (ppmv)	Pump Peristaltic or Bladder
Distance ground to Stickup Rim/PVC									
N/A	0.2	33'	NA	20.7'	12.3	26.85	29'	NA	peri
Turbidity at collection (NTU):		457	(Less than 5 NTU is desirable)		Duplicate Collected? N			Filtered Sample N	
Stabilization Parameters		+/- 0.5 deg C.	+/- 0.1 Unit	+/- 10 umhos/cm or within 3% if >300umho	1 ppm	+/- 10 mV	No Limit	<.3 feet drawdown desirable	No Limit
Volume Purged (gallons)	Time (actual Time) 5 minute Intervals	TEMP. (Deg. C)	pH	Specific Conductivity uS/cm	Dissolved Oxygen (mg/L)	ORP mV millivolts	Turbidity NTUs	DTW (feet)	Odors Y/N
	1126	17.6	12.89	4940	1.9	-215	77	28.7	N
	1131	18.07	12.88	4820	16.5	-277	68.7	28.9	N
	1136	18.18	12.82	4470	1.05	-358	84.8	28.9	N
	1141	18.69	12.73	3530	0.83	-402	490	29.2	N
	1146	18.65	12.69	3350	0.83	-416	497	29.4	N
	1151	18.93	12.58	3150	3.5	-426	448	29.4	N
	1156	19.31	12.58	2830	0.43	-438	379	29.6	N
	1201	19.91	12.55	2780	0.17	-449	268	30'	N
	1341	28.04	12.32	2660	1.98	-361	329	30'	N
	1346	24.13	12.43	2490	0.62	-390	457	30'	N
	1351	DRY							
Well Condition Summary									
Cover: Y	Bolts: Y		Concrete Pad OK: Y	Gripper: Y					
Sample Collection Information									
Sample Time:	10/03/23 1310	Appearance: Clear	Filtered Sample Turbidity:				OTHER:		
Desired purge flow rate <100mL/min (slow drip) & turbidity <10 if possible. If turbidity > 10 collect filtered and unfiltered samples. Notify PM of high turbidity and collection of filtered samples prior to lab submittal. Minimum 20 minute purge to establish stabilization.									
Notes/ Calculations: Volume? Linear Ft of well casing; 1"=0.041 gal. 2"= 0.163 gal. 4"=0.653 gal.									
ABSORBENT SOCK									
Sock Length (ft) =		Capacity (Qt.) =		Present:	Y / N	Product Measured (Inches) :			
Sock Installation Date:			Sock Changed :			Y / N			
Sock Depth (Depth to sock mid point):									

Location: 136 Croton Ave, Ossining, NY 10562				Job Number: 12060		WELL I.D. :RI-MW-02			
Personnel: Ronnie Reynoso				Date: 10/3/2023					
				PID: 0.6					
Stickup? N	Distance From Rim to PVC	Total Depth of Well Rim	Depth to Product Rim/PVC	Depth to Water (PVC)	Standing Water Column (feet)	Middle of Saturated Zone (feet)	Depth to Sample Tube (feet)	TOV @ Well Head (ppmv)	Pump Peristaltic or Bladder
Distance ground to Stickup Rim/PVC									
0.2	--	33.4'	NA	24.8	8.6'	29.1	29'	NA	peri
Turbidity at collection (NTU):		320	(Less than 5 NTU is desirable)		Duplicate Collected? N			Filtered Sample N	
Stabilization Parameters		+/- 0.5 deg C.	+/- 0.1 Unit	+/- 10 umhos/cm or within 3% if >300umho	1 ppm	+/- 10 mV	No Limit	<.3 feet drawdown desirable	No Limit
Volume Purged (gallons)	Time (actual Time) 5 minute Intervals	TEMP. (Deg. C)	pH	Specific Conductivity uS/cm	Dissolved Oxygen (mg/L)	ORP mV millivolts	Turbidity NTUs	DTW (feet)	Odors Y/N
	1148	19.01	12.51	2260	2.6	-254	560	9.1	Y (gas)
	1053	18.55	12.53	2320	2.19	-255	363	9.6	Y (gas)
	1058	18.6	12.53	2320	1.99	-243	335	11.6	Y (gas)
	1103	18.25	12.54	2310	1.92	-236	282	13.4	Y (gas)
	1108	18.23	12.53	2290	1.92	-233	297	14.6	Y (gas)
	1113	18.48	12.52	2280	1.82	-230	320	15.8	Y (gas)
Well Condition Summary									
Cover: Y		Bolts: Y		Concrete Pad OK: Y		Gripper: Y			
Sample Collection Information									
Sample Time:	10/03/23 1120	Appearance: Clear		Filtered Sample Turbidity:			OTHER:		
Desired purge flow rate <100mL/min (slow drip) & turbidity <10 if possible. If turbidity > 10 collect filtered and unfiltered samples. Notify PM of high turbidity and collection of filtered samples prior to lab submittal. Minimum 20 minute purge to establish stabilization.									
Notes/ Calculations: Volume? Linear Ft of well casing; 1"=0.041 gal. 2"= 0.163 gal. 4"=0.653 gal.									
ABSORBENT SOCK									
Sock Length (ft) =		Capacity (Qt.) =			Present:	Y / N	Product Measured (Inches) :		
Sock Installation Date:				Sock Changed :		Y / N			
Sock Depth (Depth to sock mid point):									

Location: 136 croton ave, ossining, NY 10562				Job Number: 12060		WELL I.D. :RI-MW-04			
Personnel: Ronnie Reynoso				Date: 10/3/2023					
				PID: 2000+					
Stickup? Y	Distance From Rim to PVC	Total Depth of Well Rim	Depth to Product Rim/PVC	Depth to Water (PVC)	Standing Water Column (feet)	Middle of Saturated Zone (feet)	Depth to Sample Tube (feet)	TOV @ Well Head (ppmv)	Pump Peristaltic or Bladder
Distance ground to Stickup Rim/PVC									
3.1	0.3	38.6	NA	29.4	9.2	34	32	NA	peri
Turbidity at collection (NTU):		133	(Less than 5 NTU is desirable)			Duplicate Collected? N		Filtered Sample N	
Stabilization Parameters		+/- 0.5 deg C.	+/- 0.1 Unit	+/- 10 umhos/cm or within 3% if >300umho	1 ppm	+/- 10 mV	No Limit	<.3 feet drawdown desirable	No Limit
Volume Purged (gallons)	Time (actual Time) 5 minute Intervals	TEMP. (Deg. C)	pH	Specific Conductivity uS/cm	Dissolved Oxygen (mg/L)	ORP mV millivolts	Turbidity NTUs	DTW (feet)	Odors Y/N
	1210	19.4	7.26	386	4.67	86	173	29.4	N
	1215	18.69	8.02	381	4.02	60	163	30.8	N
	1220	18.14	8.39	386	3.39	46	220	31.7	N
	1225	18.11	8.59	387	3.22	35	231	32.4	N
	1230	18.03	8.72	387	3.32	23	222	32.8	N
	1235	18.36	8.76	387	5	20	171	32.8	N
	1240	18.63	8.78	391	4.91	20	133	33.1	N
Well Condition Summary									
Cover: Y		Bolts: Y		Concrete Pad OK: Y		Gripper: Y			
Sample Collection Information									
Sample Time:	10/03/23 1500	Appearance: Clear		Filtered Sample Turbidity:			OTHER:		
Desired purge flow rate <100mL/min (slow drip) & turbidity <10 if possible. If turbidity > 10 collect filtered and unfiltered samples. Notify PM of high turbidity and collection of filtered samples prior to lab submittal. Minimum 20 minute purge to establish stabilization.									
Notes/ Calculations:									
Volume? Linear Ft of well casing; 1"=0.041 gal. 2"= 0.163 gal. 4"=0.653 gal.									
ABSORBENT SOCK									
Sock Length (ft) =		Capacity (Qt.) =			Present:	Y / N	Product Measured (Inches) :		
Sock Installation Date:				Sock Changed :		Y / N			
Sock Depth (Depth to sock mid point):									

Location: 136 Croton Ave, Ossining, NY 10562				Job Number: 12060		WELL I.D. :RI-MW-05			
Personnel: Ronnie Reynoso				Date: 10/3/2023					
				PID:	0.1				
Stickup? Y	Distance From Rim to PVC	Total Depth of Well Rim	Depth to Product Rim/PVC	Depth to Water (PVC)	Standing Water Column (feet)	Middle of Saturated Zone (feet)	Depth to Sample Tube (feet)	TOV @ Well Head (ppmv)	Pump Peristaltic or Bladder
Distance ground to Stickup Rim/PVC									
2.4	0.3	46.5	NA	17.8	28.7	32.15'	39	NA	peri
Turbidity at collection (NTU):		133	(Less than 5 NTU is desirable)		Duplicate Collected? N			Filtered Sample N	
Stabilization Parameters		+/- 0.5 deg C.	+/- 0.1 Unit	+/- 10 umhos/cm or within 3% if >300umho	1 ppm	+/- 10 mV	No Limit	<.3 feet drawdown desirable	No Limit
Volume Purged (gallons)	Time (actual Time) 5 minute Intervals	TEMP. (Deg. C)	pH	Specific Conductivity uS/cm	Dissolved Oxygen (mg/L)	ORP mV millivolts	Turbidity NTUs	DTW (feet)	Odors Y/N
	850	14.67	8.83	372	0.12	-407	51.6	17.8	N
	855	14.58	8.84	369	0	-407	60.1	20	N
	900	14.57	8.85	367	0	-407	68.1	22.3	N
	905	14.75	8.85	362	0.23	-454	59.1	23.6	N
	910	14.7	8.86	367	0.6	-370	55.3	23.4	N
	915	14.6	8.73	368	0	-377	61.5	24	N
	920	14.36	8.88	368	0	-378	59.9	25.5	N
	925	14.29	8.9	369	0	-375	59.3	26.5	N
	930	14.28	8.96	371	0	-371	66.9	27.6	N
Well Condition Summary									
Cover: Y	Bolts: Y		Concrete Pad OK: Y	Gripper: Y					
Sample Collection Information									
Sample Time:	10/03/23 930	Appearance: Clear	Filtered Sample Turbidity:			OTHER:			
Desired purge flow rate <100mL/min (slow drip) & turbidity <10 if possible. If turbidity > 10 collect filtered and unfiltered samples. Notify PM of high turbidity and collection of filtered samples prior to lab submittal. Minimum 20 minute purge to establish stabilization.									
Notes/ Calculations: Volume? Linear Ft of well casing; 1"=0.041 gal. 2"= 0.163 gal. 4"=0.653 gal.									
ABSORBENT SOCK									
Sock Length (ft) =		Capacity (Qt.) =		Present:	Y / N	Product Measured (Inches) :			
Sock Installation Date:			Sock Changed :			Y / N			
Sock Depth (Depth to sock mid point):									

Location: 136 Croton Ave, Ossining, NY 10562		Job Number: 12060		WELL I.D. :RI-MW-06					
Personnel: Ronnie Reynoso		Date: 10/4/2023							
		PID:		0.6					
Stickup? N	Distance From Rim to PVC	Total Depth of Well Rim	Depth to Product Rim/PVC	Depth to Water (PVC)	Standing Water Column (feet)	Middle of Saturated Zone (feet)	Depth to Sample Tube (feet)	TOV @ Well Head (ppmv)	Pump Peristaltic or Bladder
Distance ground to Stickup Rim/PVC									
0.6	-	23.1'	NA	7.4	15.7	15.2	20'	NA	peri
Turbidity at collection (NTU):		na	(Less than 5 NTU is desirable)		Duplicate Collected? N			Filtered Sample N	
Stabilization Parameters		+/- 0.5 deg C.	+/- 0.1 Unit	+/- 10 umhos/cm or within 3% if >300umho	1 ppm	+/- 10 mV	No Limit	<.3 feet drawdown desirable	No Limit
Volume Purged (gallons)	Time (actual Time) 5 minute Intervals	TEMP. (Deg. C)	pH	Specific Conductivity uS/cm	Dissolved Oxygen (mg/L)	ORP mV millivolts	Turbidity NTUs	DTW (feet)	Odors Y/N
Grab sample taken.									
Well not purged									
Via low flow									
Well Condition Summary									
Cover: Y		Bolts: Y		Concrete Pad OK: Y		Gripper: Y			
Sample Collection Information									
Sample Time:	10/03/23 930	Appearance: Clear		Filtered Sample Turbidity:			OTHER:		
Desired purge flow rate <100mL/min (slow drip) & turbidity <10 if possible. If turbidity > 10 collect filtered and unfiltered samples. Notify PM of high turbidity and collection of filtered samples prior to lab submittal.									
Minimum 20 minute purge to establish stabilization.									
Notes/ Calculations:									
Volume? Linear Ft of well casing; 1"=0.041 gal. 2"= 0.163 gal. 4"=0.653 gal.									
ABSORBENT SOCK									
Sock Length (ft) =		Capacity (Qt.) =			Present:	Y / N	Product Measured (Inches) :		
Sock Installation Date:				Sock Changed :		Y / N			
Sock Depth (Depth to sock mid point):									