day
DAY ENVIRONMENTAL, INC.

ENVIRONMENTAL CONSULTANTS
AN AFFILIATE OF DAY ENGINEERING, P.C.

July 29, 2022

Silence Dogood, LLC
c/o Jeffrey Belt
211 Franklin Street
Olean, New York 14760

RE: Annual Groundwater Monitoring and Cover Inspection
NYSDEC BCP Site No. C905043
202 Franklin Street
Olean, New York

Dear Mr. Belt:

As required in the Site Management Plan (SMP) dated December 2019, Day Environmental, Inc. (DAY) completed an annual groundwater monitoring event and cover inspection at the above-referenced property (Site) on June 14, 2022. The following sections describe the work completed and present data generated. A project locus map, depicting the location of the Site, is provided as Figure 1.

Background

The Site was remediated under the New York State Department of Environmental Conservation (NYSDEC) Brownfield Cleanup Program (BCP), and the NYSDEC issued a certificate of completion for the Site on December 11, 2019.

Following the completion of the remedial work, some contamination was left beneath a cover system at the Site. This cover system consists of asphalt pavement (i.e., over the 1.83-acre portion is developed as a paved parking lot); one-foot-thick mulch cover under the driplines of the remaining mature trees (i.e., located along the eastern edge of the Site); one-foot-thick stone cover within a surface drainage channel (i.e., located north of the paved parking lot); and/or one-foot-thick soil cover over the remaining portions of the Site. The December 2019 SMP was prepared to manage the remaining contamination at the Site until the Environmental Easement is extinguished in accordance with New York State Environmental Law (ECL) Article 71, Title 36. As outlined in Section 4.0 *Monitoring and Sampling*, of the December 2019 SMP, the following actions are required to address the residual contamination: 1) the completion of annual groundwater sampling and analysis in the locations, and utilizing the methods, specified in the SMP and 2) completion of the annual cover inspection.

Field Activities

On June 14, 2022, DAY representatives were at the Site to conduct a site inspection and monitoring event in accordance with the December 2019 SMP. The following scope of work was completed:

- Measurement of static water level in groundwater monitoring wells MW-A through MW-G using a static water level meter;

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- Collection of groundwater samples from monitoring wells MW-A through MW-G using low flow purge and sample techniques;
- A cover inspection that included photographing representative portions of the site cover and summarizing conditions on the Site-Wide Cover Inspection Form, to document current conditions; and
- Submittal of groundwater samples to Alpha Analytical Laboratory (Alpha) in Westborough, MA for testing of parameters identified in the SMP. [Note: Alpha is a New York State Department of Health (NYSDOH) Environmental Laboratory Approval Program (ELAP)-certified analytical laboratory.]
- Validation of the groundwater test results reported by Alpha, and preparation of Data Usability Summary Report (DUSR), by Vali-Data of WNY, LLC.

The approximate locations of the groundwater monitoring wells that were assessed and sampled on June 14, 2022 are depicted on Figure 2. A summary of the groundwater elevations for June 14, 2022, calculated from the static groundwater levels measured on that date, are presented on Table 1. [Note: Table 1 also summarizes the construction details and the sampling program for the groundwater monitoring wells that comprise the long-term monitoring network required by the SMP.] The groundwater elevations calculated for June 14, 2022 were used to prepare the potentiometric groundwater contours that are depicted on Figure 2. The groundwater sampling activities are documented on the groundwater sampling logs included in Attachment A.

A copy of the June 14, 2022 Site-Wide Cover Inspection Form and copies of select photographs are included in Attachment B.

Analytical Laboratory Test Results

The groundwater samples collected on June 14, 2022 were tested by Alpha for target analyte list (TAL) metals using USEPA Methods 6020B and 7040A.

A copy of the analytical laboratory report prepared by Alpha and executed chain-of-custody documentation are included in Attachment C. A copy of the DUSR prepared by Vali-Data of WNY, LLC is also included in Attachment C. The constituents detected in the samples submitted for analytical laboratory testing as part of this groundwater monitoring event are summarized on Table 2 *Summary of TAL Metals: Groundwater Samples.* The TAL metals detected in the groundwater samples collected from the Site during the previous groundwater monitoring events are also summarized on Table 2. The results of the data validation have been incorporated into Table 2.

Table 2 includes applicable Class GA (i.e., potable drinking water from a groundwater source) standards or guidance values for the detected parameters as presented in NYSDEC Division of Water Technical and Operational Guidance Series 1.1.1 document titled, Ambient Water Quality Standards and Guidance Effluent Limitations dated June 1998 as amended April 2000 (TOGS 1.1.1).

Conclusions and Recommendations

The annual inspection of the cover system revealed that repairs to cracking/separation of the asphalt in the Employee Parking Lot had been completed (i.e., as recommended following the previous annual inspection, conducted on June 29, 2021), and that the cover system on the Site was in-place and in overall good condition with no repairs needed at this time.

With the exception of total arsenic detected in the sample from monitoring well MW-D, the concentrations of metals detected in the groundwater samples collected on June 14, 2022, were comparable to the concentrations from the samples collected on June 29, 2021 and during previous sampling events. The concentration of total arsenic (i.e., 124.8 µg/l) measured in the groundwater sample collected on June 14, 2022 from monitoring well MW-D is approximately 2.5 times greater than the concentration of total arsenic measured in the groundwater sample collected from this location during the previous annual sampling event (i.e., 49.4 µg/l, collected on June 29, 2021); and is approximately 2 times greater that the average concentration of total arsenic (i.e., 62.4 µg/l) measured in groundwater samples collected from this location since the monitoring well was installed in 2014.

It is recommended that monitoring well MW-D be re-sampled in September 2022, and potentially December 2022 and March 2023 depending on test results (i.e., during the current reporting period, which ends on April 11, 2023), using low-flow sampling procedures; and that the sample be tested for total arsenic in order to assess whether the concentration of total arsenic measured in the groundwater sample collected on June 14, 2022 was anomalous, or represents a change in the water quality trend for this location.

If there are questions regarding this submittal, please contact this office.

Very truly,
Day Environmental, Inc.

Charles Hampton
Project Geologist

Raymond L. Kampff
Principal

Enclosure

Figures:

Figure 1 – Project Locus Map
Figure 2 – Site Plan and Potentiometric Groundwater Contour Map measured on June 14, 2022

Tables:

Table 1 – Summary of Monitoring Well Location Details, Construction, Groundwater Elevations and Analytical Parameters for Long Term Monitoring
Table 2 – Summary of TAL Metals: Groundwater Samples

Attachments:

Attachment A – Groundwater Sampling Logs for June 14, 2022
Attachment B – Site-Wide Cover Inspection Form and Photographs
Attachment C – Analytical Laboratory Report, Chain-of Custody Documentation and DUSR

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FIGURES

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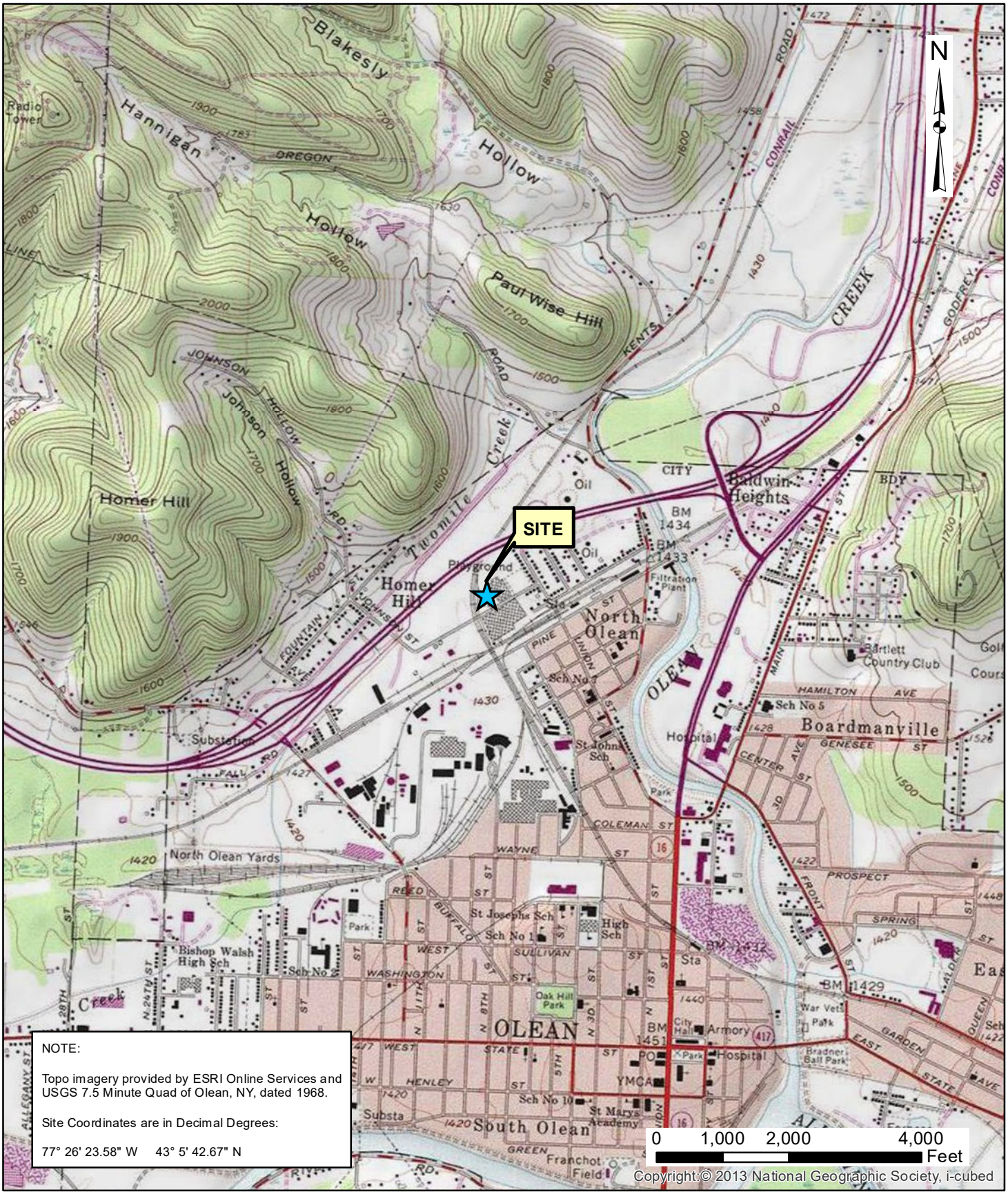
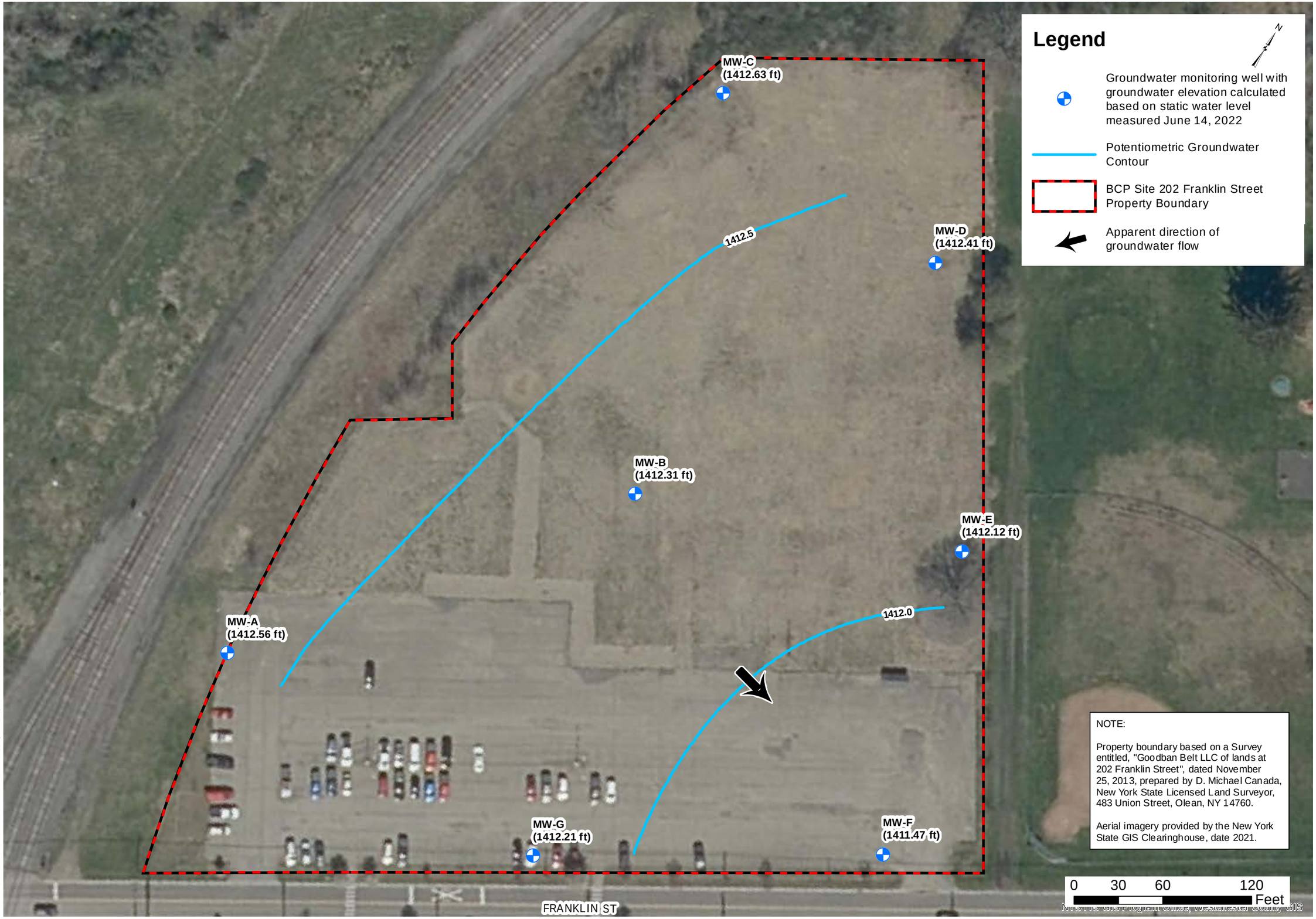
Last Date Saved: 15 Jul 2019



Date: 07/15/2019 Drawn By: CAH Scale: AS NOTED	**DAY ENVIRONMENTAL, INC.** Environmental Consultants Rochester, New York 14606 New York, New York 10170	Project Title: 202 FRANKLIN STREET OLEAN, NEW YORK BCP SITE NO. C905043 Drawing Title: Site Location Map	Project No.: 4884S-13 FIGURE 1



Legend

- Groundwater monitoring well with groundwater elevation calculated based on static water level measured June 14, 2022
- Potentiometric Groundwater Contour
- BCP Site 202 Franklin Street Property Boundary
- Apparent direction of groundwater flow

NOTE:

Property boundary based on a Survey entitled, "Goodban Belt LLC of lands at 202 Franklin Street", dated November 25, 2013, prepared by D. Michael Canada, New York State Licensed Land Surveyor, 483 Union Street, Olean, NY 14760.

Aerial imagery provided by the New York State GIS Clearinghouse, date 2021.

DESIGNED BY	DRAWN BY	SCALE	DATE
CAH	CAH/CPS	AS NOTED	07-2022

DATE DRAWN	DATE ISSUED
07-2022	07-26-2022

day
DAY ENVIRONMENTAL, INC.
Environmental Consultants
Rochester, New York 14606
New York, New York 10170

Project Title
202 FRANKLIN STREET
OLEAN, NEW YORK
BCP SITE NO. C905043

Drawing Title
Groundwater Contour Map: June 14, 2022

Project No.
4884S-13

FIGURE 2

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TABLES

TABLE 1
202 FRANKLIN STREET
OLEAN, NEW YORK
BCP SITE NO. C905043

SUMMARY OF MONITORING WELL LOCATION DETAILS, CONSTRUCTION, GROUNDWATER ELEVATIONS AND ANALYTICAL PARAMETERS FOR LONGTERM MONITORING

Monitoring Well ID Sample Locations	Well Location	UTM NAD83 Coordinates (feet) (northing/ easting)	Well Diameter (inches)	Elevation (feet above mean sea level)									Analytical Parameters to be Analyzed Year 3
				Casing	Surface	Screen Top	Screen Bottom	Groundwater					
								7/10/2014	11/5/2014	6/25/2020	6/29/2021	6/14/2022	
MW-A	On-site perimeter (up-gradient)	763496.8 1186801.0	1	1427.70	1428.04	1411.80	1401.80	1412.66	1410.17	1411.95	1411.39	1412.56	TAL Metals
MW-B	On-site	763736.2 1186986.0	2	1429.95	1427.72*	1412.45	1402.45	1412.44	1410.02	1411.72	1411.19	1412.31	TAL Metals
MW-C	On-site perimeter (up-gradient)	763995.0 1186888.3	2	1429.34	1426.69*	1417.34	1407.34	1412.71	1410.27	1411.93	1411.45	1412.63	TAL Metals
MW-D	On-site	763978.7 1187071.6	2	1428.08	1426.12*	1412.08	1402.08	1412.52	1410.09	1411.76	1411.25	1412.41	TAL Metals
MW-E	On-site perimeter (down-gradient)	763824.9 1187192.4	2	1427.40	1427.81*	1409.40	1399.40	1412.59	1409.90	1411.47	1411.01	1412.12	TAL Metals
MW-F	On-site perimeter (down-gradient)	763624.6 1187259.2	2	1428.53	1428.92	1411.03	1401.03	1411.78	1409.31	1410.85	1410.37	1411.47	TAL Metals
MW-G	On-site perimeter (down-gradient)	763493.8 1187059.7	2	1429.26	1429.66	1411.76	1401.76	1412.39	1410.05	1411.65	1411.14	1412.21	TAL Metals

Notes:

* - Surface elevation prior to the placement of the minimum 1 foot tick soil cover over the portion of the Site on which this monitoring well is located.

TABLE 2
202 FRANKLIN STREET
OLEAN, NEW YORK
BCP SITE NO. C905043

SUMMARY OF TAL METALS IN GROUNDWATER SAMPLES
REPORTED IN MICROGRAMS PER LITER OR PARTS PER BILLION

Detected Constituent	CAS Number	Groundwater Standard or Guidance Value (1)	MW-A					MW-B					MW-C					MW-D						
			6/27/2014	11/5/2014	6/25/2020	6/29/2021	6/14/2022	6/27/2014	11/5/2014	6/25/2020	6/29/2021	6/14/2022	6/27/2014	11/5/2014	6/25/2020	6/29/2021	6/14/2022	6/27/2014	11/5/2014	7/11/2017 FILTERED*	7/11/2017	6/25/2020	6/29/2021	6/14/2022
Aluminum	7429-90-5	NA	U	U	U (10)	U (40)	10.9 JH	U	U	U (10)	U (40)	U (10)	82.6 b	U	U (10)	U (40)	20.9 JH	3040	U	NT	NT	U (10)	U (40)	46.6 JH
Antimony	7440-36-0	3	U	U	U (0.42)	U (0.2)	U (0.42)	U	U	U (0.42)	U (0.2)	U (0.42)	9.5 b	U	U (0.42)	U (0.2)	U (0.42)	U	U	NT	NT	U (0.42)	U (0.2)	U (0.42)
Arsenic	7440-38-2	25	U	U	0.7	U (0.2)	1.49 JH	4.6 b	U	0.65	U (0.2)	1.01 JH	U	U	5.61	6	9.96 JH	31.5	63.4	45.3	52.4	52.73	49.4	124.8 JH
Barium	7440-39-3	1,000	216	204	120.4 JH	180 JH	189.4 JH	191 b	290	1,101 JH	784 JH	1,616 JH	80.6 b	101 b	7.35 JH	10 JH	15.1 JH	1,530	2,490	2,370	2,580	2,444 JH	2,190 JH	2,525 JH
Beryllium	7440-41-7	3	U	U	U (0.1)	U (0.2)	U (0.1)	U	U	U (0.1)	U (0.2)	U (0.1)	U	U	U (0.1)	U (0.2)	U (0.1)	U	U	NT	NT	U (0.1)	U (0.2)	U (0.1)
Cadmium	7440-43-9	5	U	U	U (0.2)	U (0.2)	U (0.05)	U	U	U (0.05)	U (0.2)	U (0.05)	U	U	U (0.05)	U (0.2)	0.07 J	U	U	NT	NT	U (0.05)	U (0.2)	U (0.05)
Calcium	7440-70-2	NA	81,800	103,000	73,600 JH	101,000 JH	92,900 JH	139,000	149,000	124,000 JH	131,000 JH	158,000 JH	204,000	222,000	82,400 JH	102,000 JH	101,000 JH	139,000	141,000	NT	NT	131,000 JH	128,000 JH	136,000 JH
Chromium	7440-47-3	50	U	U	U (1)	U (0.2)	U (1)	U	U	U (0.17)	U (4)	U (0.17)	U	U	U (0.17)	U (4)	U (1)	3.7 b	U	NT	NT	U (0.17)	U (4)	U (1)
Cobalt	7440-48-4	NA	U	U	0.5	U (0.2)	0.64	U	1.6 b	U (0.16)	0.2 J	U (0.16)	5.1 b	3.9 b	U (0.16)	0.3 J	0.42 J	4.1 b	U	NT	NT	0.2 J	0.4 J	0.3 J
Copper	7440-50-8	200	U	U	1.14	U (1)	0.74 J	U	U	1.13	1.4 JH	0.51 J	4.5 b	4.2 b	1.3	2.4 JH	1.74	16.8 b	U	NT	NT	0.96 J	1.6 JH	1.19
Iron	7439-89-6	300	13,200	11,800	5,890 JH	16,500 JH	19,600 JH	64.3 b	2,460	2,740 JH	2,870 JH	3,570 JH	1,630	3,450	U (70)	300 JH	870 JH	11,700	12,600	NT	NT	13,400 JH	14,900 JH	19,800 JH
Lead	7439-92-1	25	U	U	U (0.34)	U (0.2)	U (0.34)	U	U	U (0.34)	U (0.2)	U (0.34)	5.6	U	U (0.34)	U (0.2)	0.99 J	8.9 b	U	NT	NT	U (0.34)	U (0.2)	U (0.34)
Magnesium	7439-95-4	35,000	4,460	5,260	3,120 JH	4,280 JH	4,790 JH	21,700	23,400	19,900 JH	19,000 JH	24,600 JH	18,700	23,100	8,830 JH	9,010 JH	10,100 JH	26,000	26,000	NT	NT	24,400 JH	21,000 JH	25,600 JH
Manganese	7439-96-5	300	673	909	1,092 JH	965 JH	1,328 JH	1,580	2,330	1,374 JH	1,570 JH	1,731 JH	2,320	2,500	44.45 JH	228 JH	441 JH	3,650	2,740	NT	NT	1,955 JH	1,720 JH	1,843 JH
Mercury	7439-97-6	0.7	U	U	U (0.09)	U (0.15)	U (0.09)	U	U	U (0.09)	U (0.15)	U (0.09)	U	U	U (0.09)	U (0.15)	U (0.09)	U	U	NT	NT	U (0.09)	U (0.15)	U (0.09)
Nickel	7440-02-0	100	U	U	U (2)	2.1	0.56 J	5.2 b	3.4 b	U (0.55)	3.2	U (0.55)	10.2	6.4 b	U (2)	5.8	6.21	9.5 b	1.1 b	NT	NT	U (2)	3.2	0.66 J
Potassium	9/7/7440	NA	5,330	5,020 E,J	4,140 JH	4,950	5,220	3,880	4,200	3,850 JH	3,530	4,550	6,320	6,330 E	4,730 JH	4,380	5,460	4,490	4,260 E	NT	NT	3,850 JH	3,470	5,010
Selenium	7782-49-2	10	14.9 b	U	U (1.73)	U (0.2)	U (1.73)	U	U	U (1.73)	U (0.2)	U (1.73)	35.2	U	28.8	14 JH	4.08 J	12.3 b	U	NT	NT	U (1.73)	U (0.2)	U (1.73)
Silver	7440-22-4	50	U	U	U (0.16)	U (0.2)	U (0.16)	U	U	U (0.16)	U (0.2)	U (0.16)	U	U	U (0.16)	U (0.2)	U (0.16)	U	U	NT	NT	U (0.16)	U (0.2)	U (0.16)
Sodium	7440-23-5	20,000	59,800	34,500	20,600 JH	45,400	38,300 JH	74,900	100,000	90,200 JH	61,300 J	133,000 JH	65,200	105,000	14,100 JH	12,400	16,000 JH	142,000	153,000	NT	NT	179,000 JH	139,000 JH	183,000 JH
Thallium	7440-28-0	0.5	U	U	U (0.14)	U (0.2)	U (0.14)	U	U	U (0.14)	U (0.2)	U (1)	U	U	U (1)	U (0.2)	U (1)	U	U	NT	NT	U (0.14)	U (0.2)	U (1)
Vanadium	7440-62-2	NA	U	U	U (1.57)	U (0.2)	U (1.57)	U	1.2 b	U (1.57)	U (0.2)	U (1.57)	U	U	U (1.57)	4.2 JH	U (1.57)	4.8 b	U	NT	NT	U (1.57)	U (0.2)	U (1.57)
Zinc	7440-66-6	2,000	U	U	U (10)	12 JH	6.88 J	U	U (3.41)	U(2)	22.5 b	U (3.41)	U	U	7 JH	54.1	11.04	U	U	NT	NT	2 JH	U (10)	U (3.41)

Detected Constituent	CAS Number	Groundwater Standard or Guidance Value (1)	MW-E						MW-F					MW-G				
			6/27/2014	11/5/2014	6/25/2020	6/29/2021	6/29/2021 FILTERED*	6/14/2022	6/27/2014	11/5/2014	6/25/2020	6/29/2021	6/14/2022	6/27/2014	11/5/2014	6/25/2020	6/29/2021	6/14/2022
Aluminum	7429-90-5	NA	U	U	36,500 JH	45 JH	3.5 JH	77.6 JH	U	U	U (10) J	U (40)	14.8 JH	175 b	U	U (10)	U (40)	U (10)
Antimony	7440-36-0	3	U	U	U (0.42)	U (0.2)	U (0.2)	U (0.42)	U	U	0.68 J	U (0.2)	U (0.42)	U	U	0.45 J	U (0.2)	U (0.42)
Arsenic	7440-38-2	25	U	U	39.32	3.9	U (0.2)	5.21 JH	5 b	U	0.58	U (0.2)	0.73 JH	9 b	U	2.07	U (0.2)	3.72 JH
Barium	7440-39-3	1,000	103 b	222	2,528 JH	1,830 JH	1,830 JH	1,519 JH	282	330	246.7 JH	391 JH	405.7 JH	955	786	1,043 JH	1,440 JH	1,227 JH
Beryllium	7440-41-7	3	U	U	2.19	U (0.2)	U (0.2)	U (0.1)	U	U	U (0.1)	U (0.2)	U (0.1)	U	U	U (0.1)	U (0.2)	U (0.1)
Cadmium	7440-43-9	5	U	U	0.57 JH	U (0.2)	U (0.2)	U (0.05)	U	U	U (0.2)	U (0.2)	U (0.05)	U	U	U (0.05)	U (0.2)	U (0.05)
Calcium	7440-70-2	NA	123,000	154,000	141,000 JH	143,000 JH	153,000 JH	150,000 JH	149,000	119,000	109,000 JH	122,000 JH	127,000 JH	178,000	145,000	175,000 JH	231,000 JH	189,000 JH
Chromium	7440-47-3	50	0.77 b	U	40.66 JH	U (4)	3.4 J	U (1)	U	U	U (0.17)	2 J	U (1)	U	U	U (0.17)	U (0.2)	U (1)
Cobalt	7440-48-4	NA	U	U	57.24	0.8 J	0.7 J	0.47 J	U	U	0.49 J	0.6 J	0.88	U	U	U (0.16)	0.3 J	U (0.16)
Copper	7440-50-8	200	U	U	99.66	3.2 JH	U (11)	2.32	U	U	1.07	1.3 JH	0.98 J	U	U	0.93 J	2.3 JH	U (0.38)
Iron	7439-89-6	300	179 b	96.3 b	101,000 JH	2,160 JH	410 JH	2,000 JH	U	44.8 b	U (70)	30	134 JH	6,130	4,850	3,790 JH	7,140 JH	5,810 JH
Lead	7439-92-1	25	U	U	154.4 JH	4.3	U (0.2)	2.76	U	U	U (0.34)	U (0.2)	U (0.34)	U	U	U (0.34)	U (0.2)	U (0.34)
Magnesium	7439-95-4	35,000	15,900	24,300	41,000 JH	25,500 JH	26,000	26,400 JH	21,900	17,600	16,000 JH	17,400 JH	17,000 JH	19,600	15,800	13,900 JH	19,600 JH	18,000 JH
Manganese	7439-96-5	300	23.6 b	444	7,993 JH	3,660 JH	3,500 JH	2,576 JH	183	544	1,455 JH	1,010 JH	1,460 JH	2,140	1,850	1,182 JH	2,120 JH	1,675 JH
Mercury	7439-97-6	0.7	U	U	0.3	U (0.15)	U (0.15)	U (0.09)	U	U	U (0.09)	U (0.15)	U (0.09)	U	U	U (0.09)	U (0.15)	U (0.09)
Nickel	7440-02-0	100	0.85	1.9 b	95.13 JH	10.2	10.6	2.61	U	0.87 b	U (2)	5.1	1.27 J	U	U	U (0.55)	4.9	U (0.55)
Potassium	9/7/7440	NA	3,230	4,210 E	6,310 JH	3,440	3,480	3,830	4,100	4,270 E	3,590 JH	3,580	4,310	3,290	3,560 E	5,510 JH	5,290	5,520
Selenium	7782-49-2	10	U	U	20.6	U (0.2)	U (0.2)	U (1.73)	U	U	U (1.73)	0.2 J	U (1.73)	U	U	U (1.73)	U (0.2)	U (1.73)
Silver	7440-22-4	50	U	U	U (0.16)	U (0.2)	U (0.2)	U (0.16)	U	U	U (0.16)	U (0.2)	U (0.16)	U	U	U (0.16)	U (0.2)	U (0.16)
Sodium	7440-23-5	20,000	74,800	128,000	165,000 JH	227,000 JH	242,000 JH	168,000 JH	102,000	75,900	79,200 JH	56,400 J	106,000 JH	70,800	55,000	50,900 JH	65,800 J	75,800 JH
Thallium	7440-28-0	0.5	U	7.6 b	U (1)	U (0.2)	U (0.2)	U (1)	U	U	U (1)	U (0.2)	U (0.14)	U	U	U (1)	U (0.2)	U (0.14)
Vanadium	7440-62-2	NA	U	U	31.8	U (0.2)	U (0.2)	U (1.57)	U	U	U (1.57)	U (0.2)	U (1.57)	U	U	U (1.57)	U (0.2)	U (1.57)
Zinc	7440-66-6	2,000	5.9 b	U	432.6 JH	8 JH	U (9)	3.53 J	U	U	U (10)	(U) 4	U (3.41)	U	U	U (10)	U (2)	U (3.41)

Notes

Results of data validation have been incorporated

Groundwater test results, Groundwater Standards and Guidance Values are presented in micrograms per liter (µg/L) or parts per billion (ppb).

Groundwater Standards or Guidance Values as referenced in New York State Department of Environmental Conservation (NYSDEC) Technical and Guidance Series (TOGS) 1.1.1 dated June 1998 as amended by the NYSDEC's supplemental table dated April 2000.

U = The analyte was analyzed for, but was not detected above the associated reported quantitation limit (in parenthesis). Refer to the analytical laboratory reports for the associated reported quantitation limits of samples collected prior to June 25, 2020.

J = Estimated Concentration.

J- = The analyte was positively identified; however, the associated numerical value is an estimated quantity that may be biased low.

JH = The analyte was positively identified; however, the associated numerical value is an estimated quantity that may be biased high.

E = an estimated concentration due to the presence of interferences

b = indicates a concentration below the reporting limit and equal to or above the detection limit

NA = Not Available

NT = Not Tested

* - A 0.45 micron filter was installed on the discharge end of the pump tubing to collect a 'soluble' sample.

59,800 = Concentration exceeds the respective Groundwater Standard or Guidance Value

ATTACHMENT A

GROUNDWATER SAMPLING LOGS

DAY ENVIRONMENTAL, INC.

LOW-FLOW GROUNDWATER PURGING AND SAMPLING LOG

WELL MW-A

SECTION 1 - SITE AND WELL INFORMATION

SITE LOCATION 202 Franklin Street, Olean, New York **JOB #** 4884S-13

PROJECT NAME: NYSDEC BCP Site C905043 **DATE:** June 14, 2022

SAMPLE COLLECTOR(S): CCD/ CMC **WEATHER:** Sunny, ~71° F

PID READING IN WELL HEADSPACE (PPM): NM **MEASURING POINT (for water levels):** Top of Casing

CASING TYPE: PVC **WELL DIAMETER (INCHES):** 1

SCREENED INTERVAL [FT BTOC]: 15.56 - 25.56 **INITIAL WATER LEVEL (SWL) [FT]:** SWL / Date Measured 15.14 / 6-14-22

WELL DEPTH [FT BTOC]: 25.56 **DEPTH OF PUMP INTAKE [FT BTOC]:** 20.9
(Do NOT Measure Well depth Prior To Purging And Sampling)

LNAPL: ND **DNAPL:** NM **OTHER OBSERVATIONS:** None

SECTION 2 – SAMPLING EQUIPMENT

PUMP TYPE: Geotech Geopump™ - Peristaltic pump **WATER LEVEL METER:** Solonist OWI Meter

WATER QUALITY METER(s): YSI Pro DDS

STABILIZED PUMP RATE (ml/min): 160 **STABILIZED DRAWDOWN WATER LEVEL [FT]:** 15.20

SECTION 3 – WATER QUALITY DATA MONITORING

Time	Pumping Rate (ml/min)	Water Level (ft)	DO (mg/L)	ORP (mv)	Turbidity (NTU)	Conductivity (mS/cm)	pH	Temp. (C^0)	Total Vol. Pumped (ml)
15:10	NM								0
15:13	160	15.20	1.51	-181.6	24.96	0.741	6.83	13.3	360
15:15	160	15.20	1.45	-179.4	18.32	0.738	6.83	13.1	680
15:17	160	15.20	1.42	-176.8	14.09	0.736	6.84	13.2	1,000
15:19	160	15.20	1.40	-176.2	11.90	0.736	6.84	13.2	1,320
15:21	160	15.20	1.37	-176.9	8.08	0.735	6.84	13.0	1,640
15:23	160	15.20	1.36	-177.4	6.56	0.732	6.84	13.2	1,960
15:25	160	15.20	1.35	-178.7	5.62	0.733	6.84	12.8	2,280
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SAMPLE OBSERVATIONS: Clear

SECTION 4 - SAMPLE IDENTIFICATION AND ANALYTICAL LABORATORY PARAMETERS

SAMPLE ID #	DATE / TIME	SAMPLING METHOD	ANALYTICAL SCAN(S)
MW-A/20220614	6-14-22 / 15:26	Peristaltic Pump	TAL Metals

NM = Not Measured
ND = Not Detected

DAY ENVIRONMENTAL, INC.

LOW-FLOW GROUNDWATER PURGING AND SAMPLING LOG

WELL MW-B

SECTION 1 - SITE AND WELL INFORMATION

SITE LOCATION 202 Franklin Street, Olean, New York **JOB #** 4884S-13

PROJECT NAME: NYSDEC BCP Site C905043 **DATE:** June 14, 2022

SAMPLE COLLECTOR(S): CCD/ CMC **WEATHER:** Sunny, ~71° F

PID READING IN WELL HEADSPACE (PPM): NM **MEASURING POINT (for water levels):** Top of Casing

CASING TYPE: PVC **WELL DIAMETER (INCHES):** 2

SCREENED INTERVAL [FT BTOC]: 19.73 - 29.73 **INITIAL WATER LEVEL (SWL) [FT]:** SWL / Date Measured 17.64 / 6-14-22

WELL DEPTH [FT BTOC]: 29.73 **DEPTH OF PUMP INTAKE [FT BTOC]:** 24.2
(Do NOT Measure Well depth Prior To Purging And Sampling)

LNAPL: ND **DNAPL:** NM **OTHER OBSERVATIONS:** Iron bacteria on OWI probe

SECTION 2 – SAMPLING EQUIPMENT

PUMP TYPE: Geotech Geopump™ - Peristaltic pump **WATER LEVEL METER:** Solonist OWI Meter

WATER QUALITY METER(s): YSI Pro DDS

STABILIZED PUMP RATE (ml/min): 180 **STABILIZED DRAWDOWN WATER LEVEL [FT]:** 17.67

SECTION 3 – WATER QUALITY DATA MONITORING

Time	Pumping Rate (ml/min)	Water Level (ft)	DO (mg/L)	ORP (mv)	Turbidity (NTU)	Conductivity (mS/cm)	pH	Temp. (C^0)	Total Vol. Pumped (ml)
10:30	NM								0
10:38	180	17.67	1.32	-126.7	14.48	1.505	6.94	12.9	600
10:41	180	17.67	1.26	-136.8	14.37	1.512	6.94	12.9	1,140
10:44	180	17.67	1.23	-139.5	5.17	1.519	6.94	13.0	1,680
10:47	180	17.67	1.21	-146.0	8.63	1.525	6.94	12.8	2,220
10:50	180	17.67	1.20	-152.1	3.41	1.528	6.94	12.9	2,760
10:53	180	17.67	1.18	-156.7	3.08	1.524	6.94	13.2	3,300
10:56	180	17.67	1.17	-163.1	3.85	1.528	6.94	13.2	3,840
10:59	180	17.67	1.16	-167.6	4.88	1.526	6.94	13.1	4,380
11:02	180	17.67	1.15	-171.3	5.74	1.525	6.95	13.0	4,920
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SAMPLE OBSERVATIONS: **Petroleum-type odor noted on sample**

SECTION 4 - SAMPLE IDENTIFICATION AND ANALYTICAL LABORATORY PARAMETERS

SAMPLE ID #	DATE / TIME	SAMPLING METHOD	ANALYTICAL SCAN(S)
MW-B/20220614	6-14-22 / 11:04	Peristaltic Pump	TAL Metals

NM = Not Measured
ND = Not Detected

DAY ENVIRONMENTAL, INC.

LOW-FLOW GROUNDWATER PURGING AND SAMPLING LOG

WELL MW-C

SECTION 1 - SITE AND WELL INFORMATION			
SITE LOCATION	**202 Franklin Street, Olean, New York**	**JOB #**	**4884S-13**
PROJECT NAME:	**NYSDEC BCP Site C905043**	**DATE:**	**June 14, 2022**
SAMPLE COLLECTOR(S):	**CCD/ CMC**	**WEATHER:**	**Cloudy, 71° F**

PID READING IN WELL HEADSPACE (PPM):	**NM**	**MEASURING POINT (for water levels):**	**Top of Casing**
CASING TYPE:	**PVC**	**WELL DIAMETER (INCHES):**	**2**
SCREENED INTERVAL [FT BTOC]:	**14.65 - 24.65**	**INITIAL WATER LEVEL (SWL) [FT]:**	**SWL / Date Measured 16.71 / 6-14-22**
WELL DEPTH [FT BTOC]: (Do NOT Measure Well depth Prior To Purging And Sampling)	**24.65**	**DEPTH OF PUMP INTAKE [FT BTOC]:**	**21.2**
LNAPL:	**ND**	**DNAPL:**	**NM**
OTHER OBSERVATIONS:	**None**		

SECTION 2 – SAMPLING EQUIPMENT			
PUMP TYPE:	Geotech Geopump™ - Peristaltic pump	**WATER LEVEL METER:**	Solonist OWI Meter
WATER QUALITY METER(s):	YSI Pro DDS		
STABILIZED PUMP RATE (ml/min):	100	**STABILIZED DRAWDOWN WATER LEVEL [FT]:**	16.74

SECTION 3 – WATER QUALITY DATA MONITORING

Time	Pumping Rate (ml/min)	Water Level (ft)	DO (mg/L)	ORP (mv)	Turbidity (NTU)	Conductivity (mS/cm)	pH	Temp. (C^0)	Total Vol. Pumped (ml)
08:46	NM								0
08:53	100	16.74	1.48	-81.8	10.02	0.654	6.16	12.7	200
08:56	100	16.74	1.42	-82.4	8.62	0.644	6.16	12.5	500
08:59	100	16.74	1.38	-82.5	5.84	0.629	6.16	12.4	800
09:02	100	16.74	1.33	-83.6	6.74	0.614	6.16	12.7	1,100
09:05	100	16.74	1.32	-84.6	5.18	0.606	6.15	12.8	1,400
09:08	100	16.74	1.30	-85.1	4.83	0.600	6.14	12.6	1,700
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	SAMPLE OBSERVATIONS: Clear								

SECTION 4 - SAMPLE IDENTIFICATION AND ANALYTICAL LABORATORY PARAMETERS

SAMPLE ID #	DATE / TIME	SAMPLING METHOD	ANALYTICAL SCAN(S)
MW-C/20220617	6-14-22 / 09:10	Peristaltic Pump	TAL Metals (MS + MSD)

NM = Not Measured
ND = Not Detected

DAY ENVIRONMENTAL, INC.

LOW-FLOW GROUNDWATER PURGING AND SAMPLING LOG

WELL MW-D

SECTION 1 - SITE AND WELL INFORMATION

SITE LOCATION 202 Franklin Street, Olean, New York **JOB #** 4884S-13

PROJECT NAME: NYSDEC BCP Site C905043 **DATE:** June 14, 2022

SAMPLE COLLECTOR(S): CCD/ CMC **WEATHER:** Sunny, ~71° F

PID READING IN WELL HEADSPACE (PPM): NM **MEASURING POINT (for water levels):** Top of Casing

CASING TYPE: PVC **WELL DIAMETER (INCHES):** 2

SCREENED INTERVAL [FT BTOC]: 17.96 - 27.96 **INITIAL WATER LEVEL (SWL) [FT BTOC]:** SWL / Date Measured 15.67 / 6-14-22

WELL DEPTH [FT BTOC]: 27.96 **DEPTH OF PUMP INTAKE [FT BTOC]:** 22.4
(Do NOT Measure Well depth Prior To Purging And Sampling)

LNAPL: ND **DNAPL:** NM **OTHER OBSERVATIONS:** Iron bacteria observed

SECTION 2 – SAMPLING EQUIPMENT

PUMP TYPE: Geotech Geopump™ - Peristaltic pump **WATER LEVEL METER:** Solonist OWI Meter

WATER QUALITY METER(s): YSI Pro DDS

STABILIZED PUMP RATE (ml/min): 120 **STABILIZED DRAWDOWN WATER LEVEL [FT]:** 15.68

SECTION 3 – WATER QUALITY DATA MONITORING

Time	Pumping Rate (ml/min)	Water Level (ft)	DO (mg/L)	ORP (mv)	Turbidity (NTU)	Conductivity (mS/cm)	pH	Temp. (C^0)	Total Vol. Pumped (ml)
09:40	NM								0
09:45	120	15.68	1.48	-171.8	16.23	1.764	6.84	11.9	320
09:48	120	15.68	1.39	-176.9	20.43	1.764	6.87	11.8	680
09:51	120	15.68	1.34	-180.3	25.92	1.762	6.89	11.9	1,040
09:54	120	15.68	1.31	-182.3	22.77	1.762	6.91	11.8	1,400
09:57	120	15.68	1.28	-185.5	16.98	1.761	6.92	11.7	1,760
10:00	120	15.68	1.27	-186.9	17.42	1.762	6.92	11.6	2,120
10:03	120	15.68	1.26	-189.1	24.07	1.758	6.93	11.6	2,480
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SAMPLE OBSERVATIONS: Clear

SECTION 4 - SAMPLE IDENTIFICATION AND ANALYTICAL LABORATORY PARAMETERS

SAMPLE ID #	DATE / TIME	SAMPLING METHOD	ANALYTICAL SCAN(S)
MW-D/20220614	6-14-22 / 10:05	Peristaltic Pump	TAL Metals

NM = Not Measured
ND = Not Detected

DAY ENVIRONMENTAL, INC.

LOW-FLOW GROUNDWATER PURGING AND SAMPLING LOG

WELL MW-E

SECTION 1 - SITE AND WELL INFORMATION			
SITE LOCATION	**202 Franklin Street, Olean, New York**	**JOB #**	**4884S-13**
PROJECT NAME:	**NYSDEC BCP Site C905043**	**DATE:**	**June 14, 2022**
SAMPLE COLLECTOR(S):	**CCD/ CMC**	**WEATHER:**	**Sunny, ~73° F**

PID READING IN WELL HEADSPACE (PPM):	**NM**	**MEASURING POINT (for water levels):**	**Top of Casing**
CASING TYPE:	**PVC**	**WELL DIAMETER (INCHES):**	**2**
SCREENED INTERVAL [FT BTOC]:	**17.59 - 27.59**	**INITIAL WATER LEVEL (SWL) [FT BTOC]:**	**SWL / Date Measured 15.28 / 6-14-22**
WELL DEPTH [FT BTOC]: (Do NOT Measure Well depth Prior To Purging And Sampling)	**27.59**	**DEPTH OF PUMP INTAKE [FT BTOC]:**	**21.9**
LNAPL:	**ND**	**DNAPL:**	**NM**
OTHER OBSERVATIONS:	**None**		

SECTION 2 – SAMPLING EQUIPMENT			
PUMP TYPE:	Geotech Geopump™ - Peristaltic pump	**WATER LEVEL METER:**	Solonist OWI Meter
WATER QUALITY METER(s):	YSI Pro DDS		
STABILIZED PUMP RATE (ml/min):	220	**STABILIZED DRAWDOWN WATER LEVEL [FT]:**	15.28

SECTION 3 – WATER QUALITY DATA MONITORING

Time	Pumping Rate (ml/min)	Water Level (ft)	DO (mg/L)	ORP (mv)	Turbidity (NTU)	Conductivity (mS/cm)	pH	Temp. (C^0)	Total Vol. Pumped (ml)
11:35	NM								0
11:40	220	15.28	1.39	-99.2	67.23	1.706	6.94	11.1	920
11:42	220	15.28	1.35	-96.5	73.81	1.693	6.91	11.1	1,360
11:44	220	15.28	1.33	-95.7	60.73	1.686	6.90	11.0	1,800
11:46	220	15.28	1.30	-96.2	47.28	1.680	6.89	11.0	2,240
11:48	220	15.28	1.29	-97.3	40.95	1.675	6.88	10.9	2,680
11:50	220	15.28	1.27	-98.7	31.86	1.675	6.88	11.0	3,120
11:52	220	15.28	1.26	-100.6	22.76	1.675	6.88	11.0	3,560
11:54	220	15.28	1.24	-102.9	16.07	1.679	6.89	11.1	4,000
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	SAMPLE OBSERVATIONS: Clear								

SECTION 4 - SAMPLE IDENTIFICATION AND ANALYTICAL LABORATORY PARAMETERS

SAMPLE ID #	DATE / TIME	SAMPLING METHOD	ANALYTICAL SCAN(S)
MW-E/20220614	6-14-22 / 11:56	Peristaltic Pump	TAL Metals

NM = Not Measured
ND = Not Detected

DAY ENVIRONMENTAL, INC.

LOW-FLOW GROUNDWATER PURGING AND SAMPLING LOG

WELL MW-F

SECTION 1 - SITE AND WELL INFORMATION

SITE LOCATION 202 Franklin Street, Olean, New York **JOB #** 4884S-13

PROJECT NAME: NYSDEC BCP Site C905043 **DATE:** June 14, 2022

SAMPLE COLLECTOR(S): CCD/ CMC **WEATHER:** Sunny, ~73° F

PID READING IN WELL HEADSPACE (PPM): NM **MEASURING POINT (for water levels):** Top of Casing

CASING TYPE: PVC **WELL DIAMETER (INCHES):** 2

SCREENED INTERVAL [FT BTOC]: 17.11 - 27.11 **INITIAL WATER LEVEL (SWL) [FT BTOC]:** SWL / Date Measured 17.06 / 6-14-22

WELL DEPTH [FT BTOC]: 27.11 **DEPTH OF PUMP INTAKE [FT BTOC]:** 22.5
(Do NOT Measure Well depth Prior To Purging And Sampling)

LNAPL: ND **DNAPL:** NM **OTHER OBSERVATIONS:** None

SECTION 2 – SAMPLING EQUIPMENT

PUMP TYPE: Geotech Geopump™ - Peristaltic pump **WATER LEVEL METER:** Solonist OWI Meter

WATER QUALITY METER(s): YSI Pro DDS

STABILIZED PUMP RATE (ml/min): 200 **STABILIZED DRAWDOWN WATER LEVEL [FT]:** 17.09

SECTION 3 – WATER QUALITY DATA MONITORING

Time	Pumping Rate (ml/min)	Water Level (ft)	DO (mg/L)	ORP (mv)	Turbidity (NTU)	Conductivity (mS/cm)	pH	Temp. (C^0)	Total Vol. Pumped (ml)
12:40	NM								0
12:44	200	17.09	1.40	-125.6	23.14	1.193	7.06	13.7	300
12:46	200	17.09	1.26	-124.2	110.88	1.190	7.05	14.6	700
12:48	200	17.09	1.22	-125.0	37.33	1.199	7.04	15.0	1,100
12:50	200	17.09	1.21	-129.1	12.35	1.199	7.06	15.5	1,500
12:52	200	17.09	1.19	-133.1	4.91	1.203	7.03	15.9	1,900
12:55	200	17.09	1.17	-137.0	4.40	1.204	7.06	16.0	2,500
12:58	200	17.09	1.13	-144.1	3.23	1.210	7.04	17.2	3,100
13:00	200	17.09	1.12	-147.8	2.70	1.210	7.04	17.5	3,500
13:02	200	17.09	1.15	-153.4	17.50	1.218	7.05	15.0	3,900
13:05	200	17.09	1.15	-152.3	22.41	1.214	7.04	14.3	4,500
13:07	200	17.09	1.14	-151.2	9.61	1.210	7.04	14.4	4,900
13:09	200	17.07	1.14	-149.7	6.33	1.209	7.04	14.3	5,300
	SAMPLE OBSERVATIONS: Black particulates noted on sample								

SECTION 4 - SAMPLE IDENTIFICATION AND ANALYTICAL LABORATORY PARAMETERS

SAMPLE ID #	DATE / TIME	SAMPLING METHOD	ANALYTICAL SCAN(S)
MW-F/20220614	6-14-22 / 13:10	Peristaltic Pump	TAL Metals

NM = Not Measured
ND = Not Detected

DAY ENVIRONMENTAL, INC.

LOW-FLOW GROUNDWATER PURGING AND SAMPLING LOG

WELL MW-G

SECTION 1 - SITE AND WELL INFORMATION			
SITE LOCATION	**202 Franklin Street, Olean, New York**	**JOB #**	**4884S-13**
PROJECT NAME:	**NYSDEC BCP Site C905043**	**DATE:**	**June 14, 2022**
SAMPLE COLLECTOR(S):	**CCD/ CMC**	**WEATHER:**	**Sunny, ~77° F**

PID READING IN WELL HEADSPACE (PPM):	**NM**	**MEASURING POINT (for water levels):**	**Top of Casing**
CASING TYPE:	**PVC**	**WELL DIAMETER (INCHES):**	**2**
SCREENED INTERVAL [FT BTOC]:	**17.10 - 27.10**	**INITIAL WATER LEVEL (SWL) [FT BTOC]:**	**SWL / Date Measured 17.05 / 6-14-22**
WELL DEPTH [FT BTOC]: (Do NOT Measure Well depth Prior To Purging And Sampling)	**27.10**	**DEPTH OF PUMP INTAKE [FT BTOC]:**	**22.6**
LNAPL:	**ND**	**DNAPL:**	**NM**
OTHER OBSERVATIONS:	**Iron bacteria observed**		

SECTION 2 – SAMPLING EQUIPMENT			
PUMP TYPE:	Geotech Geopump™ - Peristaltic pump	**WATER LEVEL METER:**	Solonist OWI Meter
WATER QUALITY METER(s):	YSI Pro DDS		
STABILIZED PUMP RATE (ml/min):	170	**STABILIZED DRAWDOWN WATER LEVEL [FT]:**	17.05

SECTION 3 – WATER QUALITY DATA MONITORING

Time	Pumping Rate (ml/min)	Water Level (ft)	DO (mg/L)	ORP (mv)	Turbidity (NTU)	Conductivity (mS/cm)	pH	Temp. (C^0)	Total Vol. Pumped (ml)
13:45	NM								0
13:52	170	17.05	1.22	-186.8	20.81	1.286	6.86	13.4	200
13:55	170	17.05	1.19	-190.1	30.23	1.283	6.88	13.3	710
13:58	170	17.05	1.17	-192.3	42.31	1.277	6.89	13.2	1,220
14:01	170	17.05	1.15	-195.4	58.10	1.274	6.90	13.2	1,730
14:04	170	17.05	1.14	-197.1	67.34	1.273	6.90	13.3	2,240
14:07	170	17.05	1.14	-198.8	73.27	1.274	6.90	13.3	2,750
14:10	170	17.05	1.13	-200.0	108.38	1.273	6.90	13.3	3,260
14:12	170	17.05	1.13	-200.7	112.36	1.270	6.90	13.3	3,600
14:14	170	17.05	1.12	-201.6	130.13	1.275	6.90	13.5	3,940
14:16	170	17.05	1.12	-202.6	139.71	1.280	6.91	13.4	4,280
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	SAMPLE OBSERVATIONS: Strong petroleum-type odor noted on sample								

SECTION 4 - SAMPLE IDENTIFICATION AND ANALYTICAL LABORATORY PARAMETERS			
SAMPLE ID #	**DATE / TIME**	**SAMPLING METHOD**	**ANALYTICAL SCAN(S)**
MW-G/20220614	6-14-22 / 14:18	Peristaltic Pump	TAL Metals

NM = Not Measured
ND = Not Detected

ATTACHMENT B

SITE-WIDE COVER INSPECITON FORM
AND
PHOTOGRAPHS

Site-Wide Inspection Form

202 Franklin Street

City of Olean, New York

NYSDEC Site Number: C905043

Date of Inspection Site Visit: June 14, 2022

Personnel Performing Inspection Site Visit: R. Kampff

Affiliation of Personnel: Day Environmental, Inc.

1. **Check integrity of impermeable portions (e.g., concrete and asphalt) of cover system, include whether any sloughing, cracks, settlement, damage, etc.**

Discuss observations and any corrective actions:

Asphalt pavement was patched recently and cracks were filled w/ sealer. Current condition of pavement is generally good

2. **Check integrity of permeable portions (e.g., soil) of cover system, include whether any sloughing, cracks, settlement, damage, etc.**

Discuss observations and any corrective actions:

Cover and mulch cover throughout the north/west portion of site except in drainage swale area, which is covered w/ stone above filter fabric – overall cover system is intact

3. **Check integrity of vegetative cover (e.g., grass), include whether any dead areas, erosion, etc.**

Discuss observations and any corrective actions:

Vegetative cover up to 1-2 ft high throughout site w/ trees in south/west area. – bare area covered w/ vegetation. Although thin in areas – cover vegetation is present throughout site (except paved areas, areas of mulch and drainage swale)

4. Groundwater Monitoring Well Assessment

Discuss observations and any corrective actions:

Monitoring wells are functional and protective casings are intact

Wells MW-4 - MW-6 sampled 6/14/2022

View of the soil/vegetative cover and drainage swale located on the central portion of the Site, facing southeast.

View of soil/vegetative cover along the the southern property boundary and partial view of the asphalt cover on the central portion of the Employee Parking Lot, facing west.

View of the soil and vegetative cover on the northwest portion of the Site, facing south.

Typical view of a monitoring well protective casing, located on the northern portion of the Site, facing south.

View of repaired asphalt cover located on the eastern portion of the Employee Parking Lot, facing northwest. View of groundwater monitoring event at monitoring well MW-E, amid the soil/vegetative cover and mulch cover (below visible tree) at top of photo.

Typical view of the asphalt repairs completed on the western portion of the Employee Parking Lot, facing west.

ATTACHMENT C

ANALYTICAL LABORATORY REPORTS

CHAIN-OF-CUSTODY DOCUMENTATION

AND

DATA USABILITY SUMMARY REPORT (DUSR)

ANALYTICAL REPORT

Lab Number:	L2231820
Client:	Day Environmental, Inc. 1563 Lyell Avenue Rochester, NY 14606
ATTN:	Ray Kampff
Phone:	(585) 454-0210
Project Name:	SOLEPOXY
Project Number:	SOLEPO.4884S-13
Report Date:	07/08/22

Certifications & Approvals: MA (M-MA086), NH NELAP (2064), CT (PH-0574), IL (200077), ME (MA00086), MD (348), NJ (MA935), NY (11148), NC (25700/666), PA (68-03671), RI (LAO00065), TX (T104704476), VT (VT-0935), VA (460195), USDA (Permit #P330-17-00196).

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

Project Name: SOLEPOXY
Project Number: SOLEPO.4884S-13

Lab Number: L2231820
Report Date: 07/08/22

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L2231820-01	MW-C/20220614	WATER	202 FRANKLIN ST. OLEAN NY	06/14/22 09:10	06/15/22
L2231820-02	MW-D/20220614	WATER	202 FRANKLIN ST. OLEAN NY	06/14/22 10:05	06/15/22
L2231820-03	MW-B/20220614	WATER	202 FRANKLIN ST. OLEAN NY	06/14/22 11:04	06/15/22
L2231820-04	MW-E/20220614	WATER	202 FRANKLIN ST. OLEAN NY	06/14/22 11:56	06/15/22
L2231820-05	MW-F/20220614	WATER	202 FRANKLIN ST. OLEAN NY	06/14/22 13:10	06/15/22
L2231820-06	MW-G/20220614	WATER	202 FRANKLIN ST. OLEAN NY	06/14/22 14:18	06/15/22
L2231820-07	MW-A/20220614	WATER	202 FRANKLIN ST. OLEAN NY	06/14/22 15:26	06/15/22
L2231820-08	EB-1/20220614	WATER	202 FRANKLIN ST. OLEAN NY	06/14/22 15:30	06/15/22

Project Name:	SOLEPOXY	**Lab Number:**	L2231820
Project Number:	SOLEPO.4884S-13	**Report Date:**	07/08/22

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:	SOLEPOXY	**Lab Number:**	L2231820
Project Number:	SOLEPO.4884S-13	**Report Date:**	07/08/22

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.

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: Steven Gniadek

Title: Technical Director/Representative Date: 07/08/22

METALS

Project Name: SOLEPOXY **Lab Number:** L2231820

Project Number: SOLEPO.4884S-13 **Report Date:** 07/08/22

SAMPLE RESULTS

Lab ID: L2231820-01 Date Collected: 06/14/22 09:10

Client ID: MW-C/20220614 Date Received: 06/15/22

Sample Location: 202 FRANKLIN ST. OLEAN NY Field Prep: Not Specified

Sample Depth:

Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	0.0209		mg/l	0.0100	0.00327	1	06/28/22 19:32	07/07/22 22:07	EPA 3005A	1,6020B	CD
Antimony, Total	ND		mg/l	0.00400	0.00042	1	06/28/22 19:32	07/07/22 22:07	EPA 3005A	1,6020B	CD
Arsenic, Total	0.00996		mg/l	0.00050	0.00016	1	06/28/22 19:32	07/07/22 22:07	EPA 3005A	1,6020B	CD
Barium, Total	0.01510		mg/l	0.00050	0.00017	1	06/28/22 19:32	07/07/22 22:07	EPA 3005A	1,6020B	CD
Beryllium, Total	ND		mg/l	0.00050	0.00010	1	06/28/22 19:32	07/07/22 22:07	EPA 3005A	1,6020B	CD
Cadmium, Total	0.00007	J	mg/l	0.00020	0.00005	1	06/28/22 19:32	07/07/22 22:07	EPA 3005A	1,6020B	CD
Calcium, Total	101.		mg/l	0.100	0.0394	1	06/28/22 19:32	07/07/22 22:07	EPA 3005A	1,6020B	CD
Chromium, Total	0.00037	J	mg/l	0.00100	0.00017	1	06/28/22 19:32	07/07/22 22:07	EPA 3005A	1,6020B	CD
Cobalt, Total	0.00042	J	mg/l	0.00050	0.00016	1	06/28/22 19:32	07/07/22 22:07	EPA 3005A	1,6020B	CD
Copper, Total	0.00174		mg/l	0.00100	0.00038	1	06/28/22 19:32	07/07/22 22:07	EPA 3005A	1,6020B	CD
Iron, Total	0.870		mg/l	0.0500	0.0191	1	06/28/22 19:32	07/07/22 22:07	EPA 3005A	1,6020B	CD
Lead, Total	0.00099	J	mg/l	0.00100	0.00034	1	06/28/22 19:32	07/07/22 22:07	EPA 3005A	1,6020B	CD
Magnesium, Total	10.1		mg/l	0.0700	0.0242	1	06/28/22 19:32	07/07/22 22:07	EPA 3005A	1,6020B	CD
Manganese, Total	0.4414		mg/l	0.00100	0.00044	1	06/28/22 19:32	07/07/22 22:07	EPA 3005A	1,6020B	CD
Mercury, Total	ND		mg/l	0.00020	0.00009	1	06/28/22 22:55	07/05/22 23:25	EPA 7470A	1,7470A	AW
Nickel, Total	0.00621		mg/l	0.00200	0.00055	1	06/28/22 19:32	07/07/22 22:07	EPA 3005A	1,6020B	CD
Potassium, Total	5.46		mg/l	0.100	0.0309	1	06/28/22 19:32	07/07/22 22:07	EPA 3005A	1,6020B	CD
Selenium, Total	0.00408	J	mg/l	0.00500	0.00173	1	06/28/22 19:32	07/07/22 22:07	EPA 3005A	1,6020B	CD
Silver, Total	ND		mg/l	0.00040	0.00016	1	06/28/22 19:32	07/07/22 22:07	EPA 3005A	1,6020B	CD
Sodium, Total	16.0		mg/l	0.100	0.0293	1	06/28/22 19:32	07/07/22 22:07	EPA 3005A	1,6020B	CD
Thallium, Total	0.00059	J	mg/l	0.00100	0.00014	1	06/28/22 19:32	07/07/22 22:07	EPA 3005A	1,6020B	CD
Vanadium, Total	ND		mg/l	0.00500	0.00157	1	06/28/22 19:32	07/07/22 22:07	EPA 3005A	1,6020B	CD
Zinc, Total	0.01104		mg/l	0.01000	0.00341	1	06/28/22 19:32	07/07/22 22:07	EPA 3005A	1,6020B	CD

Project Name: SOLEPOXY **Lab Number:** L2231820

Project Number: SOLEPO.4884S-13 **Report Date:** 07/08/22

SAMPLE RESULTS

Lab ID: L2231820-02 Date Collected: 06/14/22 10:05

Client ID: MW-D/20220614 Date Received: 06/15/22

Sample Location: 202 FRANKLIN ST. OLEAN NY Field Prep: Not Specified

Sample Depth:

Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	0.0466		mg/l	0.0100	0.00327	1	06/28/22 19:32	07/07/22 22:12	EPA 3005A	1,6020B	CD
Antimony, Total	ND		mg/l	0.00400	0.00042	1	06/28/22 19:32	07/07/22 22:12	EPA 3005A	1,6020B	CD
Arsenic, Total	0.1248		mg/l	0.00050	0.00016	1	06/28/22 19:32	07/07/22 22:12	EPA 3005A	1,6020B	CD
Barium, Total	2.525		mg/l	0.00050	0.00017	1	06/28/22 19:32	07/07/22 22:12	EPA 3005A	1,6020B	CD
Beryllium, Total	ND		mg/l	0.00050	0.00010	1	06/28/22 19:32	07/07/22 22:12	EPA 3005A	1,6020B	CD
Cadmium, Total	ND		mg/l	0.00020	0.00005	1	06/28/22 19:32	07/07/22 22:12	EPA 3005A	1,6020B	CD
Calcium, Total	136.		mg/l	0.100	0.0394	1	06/28/22 19:32	07/07/22 22:12	EPA 3005A	1,6020B	CD
Chromium, Total	0.00050	J	mg/l	0.00100	0.00017	1	06/28/22 19:32	07/07/22 22:12	EPA 3005A	1,6020B	CD
Cobalt, Total	0.00030	J	mg/l	0.00050	0.00016	1	06/28/22 19:32	07/07/22 22:12	EPA 3005A	1,6020B	CD
Copper, Total	0.00119		mg/l	0.00100	0.00038	1	06/28/22 19:32	07/07/22 22:12	EPA 3005A	1,6020B	CD
Iron, Total	19.8		mg/l	0.0500	0.0191	1	06/28/22 19:32	07/07/22 22:12	EPA 3005A	1,6020B	CD
Lead, Total	ND		mg/l	0.00100	0.00034	1	06/28/22 19:32	07/07/22 22:12	EPA 3005A	1,6020B	CD
Magnesium, Total	25.6		mg/l	0.0700	0.0242	1	06/28/22 19:32	07/07/22 22:12	EPA 3005A	1,6020B	CD
Manganese, Total	1.843		mg/l	0.00100	0.00044	1	06/28/22 19:32	07/07/22 22:12	EPA 3005A	1,6020B	CD
Mercury, Total	ND		mg/l	0.00020	0.00009	1	06/28/22 22:55	07/05/22 23:35	EPA 7470A	1,7470A	AW
Nickel, Total	0.00066	J	mg/l	0.00200	0.00055	1	06/28/22 19:32	07/07/22 22:12	EPA 3005A	1,6020B	CD
Potassium, Total	5.01		mg/l	0.100	0.0309	1	06/28/22 19:32	07/07/22 22:12	EPA 3005A	1,6020B	CD
Selenium, Total	ND		mg/l	0.00500	0.00173	1	06/28/22 19:32	07/07/22 22:12	EPA 3005A	1,6020B	CD
Silver, Total	ND		mg/l	0.00040	0.00016	1	06/28/22 19:32	07/07/22 22:12	EPA 3005A	1,6020B	CD
Sodium, Total	183.		mg/l	0.100	0.0293	1	06/28/22 19:32	07/07/22 22:12	EPA 3005A	1,6020B	CD
Thallium, Total	0.00024	J	mg/l	0.00100	0.00014	1	06/28/22 19:32	07/07/22 22:12	EPA 3005A	1,6020B	CD
Vanadium, Total	ND		mg/l	0.00500	0.00157	1	06/28/22 19:32	07/07/22 22:12	EPA 3005A	1,6020B	CD
Zinc, Total	ND		mg/l	0.01000	0.00341	1	06/28/22 19:32	07/07/22 22:12	EPA 3005A	1,6020B	CD

Project Name: SOLEPOXY **Lab Number:** L2231820

Project Number: SOLEPO.4884S-13 **Report Date:** 07/08/22

SAMPLE RESULTS

Lab ID: L2231820-03 Date Collected: 06/14/22 11:04

Client ID: MW-B/20220614 Date Received: 06/15/22

Sample Location: 202 FRANKLIN ST. OLEAN NY Field Prep: Not Specified

Sample Depth:

Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	0.00586	J	mg/l	0.0100	0.00327	1	06/28/22 19:32	07/07/22 22:17	EPA 3005A	1,6020B	CD
Antimony, Total	ND		mg/l	0.00400	0.00042	1	06/28/22 19:32	07/07/22 22:17	EPA 3005A	1,6020B	CD
Arsenic, Total	0.00101		mg/l	0.00050	0.00016	1	06/28/22 19:32	07/07/22 22:17	EPA 3005A	1,6020B	CD
Barium, Total	1.616		mg/l	0.00050	0.00017	1	06/28/22 19:32	07/07/22 22:17	EPA 3005A	1,6020B	CD
Beryllium, Total	ND		mg/l	0.00050	0.00010	1	06/28/22 19:32	07/07/22 22:17	EPA 3005A	1,6020B	CD
Cadmium, Total	ND		mg/l	0.00020	0.00005	1	06/28/22 19:32	07/07/22 22:17	EPA 3005A	1,6020B	CD
Calcium, Total	158.		mg/l	0.100	0.0394	1	06/28/22 19:32	07/07/22 22:17	EPA 3005A	1,6020B	CD
Chromium, Total	ND		mg/l	0.00100	0.00017	1	06/28/22 19:32	07/07/22 22:17	EPA 3005A	1,6020B	CD
Cobalt, Total	ND		mg/l	0.00050	0.00016	1	06/28/22 19:32	07/07/22 22:17	EPA 3005A	1,6020B	CD
Copper, Total	0.00051	J	mg/l	0.00100	0.00038	1	06/28/22 19:32	07/07/22 22:17	EPA 3005A	1,6020B	CD
Iron, Total	3.57		mg/l	0.0500	0.0191	1	06/28/22 19:32	07/07/22 22:17	EPA 3005A	1,6020B	CD
Lead, Total	ND		mg/l	0.00100	0.00034	1	06/28/22 19:32	07/07/22 22:17	EPA 3005A	1,6020B	CD
Magnesium, Total	24.6		mg/l	0.0700	0.0242	1	06/28/22 19:32	07/07/22 22:17	EPA 3005A	1,6020B	CD
Manganese, Total	1.731		mg/l	0.00100	0.00044	1	06/28/22 19:32	07/07/22 22:17	EPA 3005A	1,6020B	CD
Mercury, Total	ND		mg/l	0.00020	0.00009	1	06/28/22 22:55	07/05/22 23:38	EPA 7470A	1,7470A	AW
Nickel, Total	ND		mg/l	0.00200	0.00055	1	06/28/22 19:32	07/07/22 22:17	EPA 3005A	1,6020B	CD
Potassium, Total	4.55		mg/l	0.100	0.0309	1	06/28/22 19:32	07/07/22 22:17	EPA 3005A	1,6020B	CD
Selenium, Total	ND		mg/l	0.00500	0.00173	1	06/28/22 19:32	07/07/22 22:17	EPA 3005A	1,6020B	CD
Silver, Total	ND		mg/l	0.00040	0.00016	1	06/28/22 19:32	07/07/22 22:17	EPA 3005A	1,6020B	CD
Sodium, Total	133.		mg/l	0.100	0.0293	1	06/28/22 19:32	07/07/22 22:17	EPA 3005A	1,6020B	CD
Thallium, Total	0.00015	J	mg/l	0.00100	0.00014	1	06/28/22 19:32	07/07/22 22:17	EPA 3005A	1,6020B	CD
Vanadium, Total	ND		mg/l	0.00500	0.00157	1	06/28/22 19:32	07/07/22 22:17	EPA 3005A	1,6020B	CD
Zinc, Total	ND		mg/l	0.01000	0.00341	1	06/28/22 19:32	07/07/22 22:17	EPA 3005A	1,6020B	CD

Project Name: SOLEPOXY **Lab Number:** L2231820

Project Number: SOLEPO.4884S-13 **Report Date:** 07/08/22

SAMPLE RESULTS

Lab ID: L2231820-04 Date Collected: 06/14/22 11:56

Client ID: MW-E/20220614 Date Received: 06/15/22

Sample Location: 202 FRANKLIN ST. OLEAN NY Field Prep: Not Specified

Sample Depth:

Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	0.0776		mg/l	0.0100	0.00327	1	06/28/22 19:32	07/07/22 22:22	EPA 3005A	1,6020B	CD
Antimony, Total	ND		mg/l	0.00400	0.00042	1	06/28/22 19:32	07/07/22 22:22	EPA 3005A	1,6020B	CD
Arsenic, Total	0.00521		mg/l	0.00050	0.00016	1	06/28/22 19:32	07/07/22 22:22	EPA 3005A	1,6020B	CD
Barium, Total	1.519		mg/l	0.00050	0.00017	1	06/28/22 19:32	07/07/22 22:22	EPA 3005A	1,6020B	CD
Beryllium, Total	ND		mg/l	0.00050	0.00010	1	06/28/22 19:32	07/07/22 22:22	EPA 3005A	1,6020B	CD
Cadmium, Total	ND		mg/l	0.00020	0.00005	1	06/28/22 19:32	07/07/22 22:22	EPA 3005A	1,6020B	CD
Calcium, Total	150.		mg/l	0.100	0.0394	1	06/28/22 19:32	07/07/22 22:22	EPA 3005A	1,6020B	CD
Chromium, Total	0.00029	J	mg/l	0.00100	0.00017	1	06/28/22 19:32	07/07/22 22:22	EPA 3005A	1,6020B	CD
Cobalt, Total	0.00047	J	mg/l	0.00050	0.00016	1	06/28/22 19:32	07/07/22 22:22	EPA 3005A	1,6020B	CD
Copper, Total	0.00232		mg/l	0.00100	0.00038	1	06/28/22 19:32	07/07/22 22:22	EPA 3005A	1,6020B	CD
Iron, Total	2.00		mg/l	0.0500	0.0191	1	06/28/22 19:32	07/07/22 22:22	EPA 3005A	1,6020B	CD
Lead, Total	0.00276		mg/l	0.00100	0.00034	1	06/28/22 19:32	07/07/22 22:22	EPA 3005A	1,6020B	CD
Magnesium, Total	26.4		mg/l	0.0700	0.0242	1	06/28/22 19:32	07/07/22 22:22	EPA 3005A	1,6020B	CD
Manganese, Total	2.576		mg/l	0.00100	0.00044	1	06/28/22 19:32	07/07/22 22:22	EPA 3005A	1,6020B	CD
Mercury, Total	ND		mg/l	0.00020	0.00009	1	06/28/22 22:55	07/05/22 23:48	EPA 7470A	1,7470A	AW
Nickel, Total	0.00261		mg/l	0.00200	0.00055	1	06/28/22 19:32	07/07/22 22:22	EPA 3005A	1,6020B	CD
Potassium, Total	3.83		mg/l	0.100	0.0309	1	06/28/22 19:32	07/07/22 22:22	EPA 3005A	1,6020B	CD
Selenium, Total	ND		mg/l	0.00500	0.00173	1	06/28/22 19:32	07/07/22 22:22	EPA 3005A	1,6020B	CD
Silver, Total	ND		mg/l	0.00040	0.00016	1	06/28/22 19:32	07/07/22 22:22	EPA 3005A	1,6020B	CD
Sodium, Total	168.		mg/l	0.100	0.0293	1	06/28/22 19:32	07/07/22 22:22	EPA 3005A	1,6020B	CD
Thallium, Total	0.00014	J	mg/l	0.00100	0.00014	1	06/28/22 19:32	07/07/22 22:22	EPA 3005A	1,6020B	CD
Vanadium, Total	ND		mg/l	0.00500	0.00157	1	06/28/22 19:32	07/07/22 22:22	EPA 3005A	1,6020B	CD
Zinc, Total	0.00353	J	mg/l	0.01000	0.00341	1	06/28/22 19:32	07/07/22 22:22	EPA 3005A	1,6020B	CD

Project Name: SOLEPOXY **Lab Number:** L2231820

Project Number: SOLEPO.4884S-13 **Report Date:** 07/08/22

SAMPLE RESULTS

Lab ID: L2231820-05 Date Collected: 06/14/22 13:10

Client ID: MW-F/20220614 Date Received: 06/15/22

Sample Location: 202 FRANKLIN ST. OLEAN NY Field Prep: Not Specified

Sample Depth:

Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	0.0148		mg/l	0.0100	0.00327	1	06/28/22 19:32	07/07/22 22:28	EPA 3005A	1,6020B	CD
Antimony, Total	ND		mg/l	0.00400	0.00042	1	06/28/22 19:32	07/07/22 22:28	EPA 3005A	1,6020B	CD
Arsenic, Total	0.00073		mg/l	0.00050	0.00016	1	06/28/22 19:32	07/07/22 22:28	EPA 3005A	1,6020B	CD
Barium, Total	0.4057		mg/l	0.00050	0.00017	1	06/28/22 19:32	07/07/22 22:28	EPA 3005A	1,6020B	CD
Beryllium, Total	ND		mg/l	0.00050	0.00010	1	06/28/22 19:32	07/07/22 22:28	EPA 3005A	1,6020B	CD
Cadmium, Total	ND		mg/l	0.00020	0.00005	1	06/28/22 19:32	07/07/22 22:28	EPA 3005A	1,6020B	CD
Calcium, Total	127.		mg/l	0.100	0.0394	1	06/28/22 19:32	07/07/22 22:28	EPA 3005A	1,6020B	CD
Chromium, Total	0.00021	J	mg/l	0.00100	0.00017	1	06/28/22 19:32	07/07/22 22:28	EPA 3005A	1,6020B	CD
Cobalt, Total	0.00088		mg/l	0.00050	0.00016	1	06/28/22 19:32	07/07/22 22:28	EPA 3005A	1,6020B	CD
Copper, Total	0.00098	J	mg/l	0.00100	0.00038	1	06/28/22 19:32	07/07/22 22:28	EPA 3005A	1,6020B	CD
Iron, Total	0.134		mg/l	0.0500	0.0191	1	06/28/22 19:32	07/07/22 22:28	EPA 3005A	1,6020B	CD
Lead, Total	ND		mg/l	0.00100	0.00034	1	06/28/22 19:32	07/07/22 22:28	EPA 3005A	1,6020B	CD
Magnesium, Total	17.0		mg/l	0.0700	0.0242	1	06/28/22 19:32	07/07/22 22:28	EPA 3005A	1,6020B	CD
Manganese, Total	1.460		mg/l	0.00100	0.00044	1	06/28/22 19:32	07/07/22 22:28	EPA 3005A	1,6020B	CD
Mercury, Total	ND		mg/l	0.00020	0.00009	1	06/28/22 22:55	07/05/22 23:52	EPA 7470A	1,7470A	AW
Nickel, Total	0.00127	J	mg/l	0.00200	0.00055	1	06/28/22 19:32	07/07/22 22:28	EPA 3005A	1,6020B	CD
Potassium, Total	4.31		mg/l	0.100	0.0309	1	06/28/22 19:32	07/07/22 22:28	EPA 3005A	1,6020B	CD
Selenium, Total	ND		mg/l	0.00500	0.00173	1	06/28/22 19:32	07/07/22 22:28	EPA 3005A	1,6020B	CD
Silver, Total	ND		mg/l	0.00040	0.00016	1	06/28/22 19:32	07/07/22 22:28	EPA 3005A	1,6020B	CD
Sodium, Total	106.		mg/l	0.100	0.0293	1	06/28/22 19:32	07/07/22 22:28	EPA 3005A	1,6020B	CD
Thallium, Total	ND		mg/l	0.00100	0.00014	1	06/28/22 19:32	07/07/22 22:28	EPA 3005A	1,6020B	CD
Vanadium, Total	ND		mg/l	0.00500	0.00157	1	06/28/22 19:32	07/07/22 22:28	EPA 3005A	1,6020B	CD
Zinc, Total	ND		mg/l	0.01000	0.00341	1	06/28/22 19:32	07/07/22 22:28	EPA 3005A	1,6020B	CD

Project Name: SOLEPOXY **Lab Number:** L2231820

Project Number: SOLEPO.4884S-13 **Report Date:** 07/08/22

SAMPLE RESULTS

Lab ID: L2231820-06 Date Collected: 06/14/22 14:18

Client ID: MW-G/20220614 Date Received: 06/15/22

Sample Location: 202 FRANKLIN ST. OLEAN NY Field Prep: Not Specified

Sample Depth:

Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	0.00350	J	mg/l	0.0100	0.00327	1	06/28/22 19:32	07/07/22 22:33	EPA 3005A	1,6020B	CD
Antimony, Total	ND		mg/l	0.00400	0.00042	1	06/28/22 19:32	07/07/22 22:33	EPA 3005A	1,6020B	CD
Arsenic, Total	0.00372		mg/l	0.00050	0.00016	1	06/28/22 19:32	07/07/22 22:33	EPA 3005A	1,6020B	CD
Barium, Total	1.227		mg/l	0.00050	0.00017	1	06/28/22 19:32	07/07/22 22:33	EPA 3005A	1,6020B	CD
Beryllium, Total	ND		mg/l	0.00050	0.00010	1	06/28/22 19:32	07/07/22 22:33	EPA 3005A	1,6020B	CD
Cadmium, Total	ND		mg/l	0.00020	0.00005	1	06/28/22 19:32	07/07/22 22:33	EPA 3005A	1,6020B	CD
Calcium, Total	189.		mg/l	0.100	0.0394	1	06/28/22 19:32	07/07/22 22:33	EPA 3005A	1,6020B	CD
Chromium, Total	0.00020	J	mg/l	0.00100	0.00017	1	06/28/22 19:32	07/07/22 22:33	EPA 3005A	1,6020B	CD
Cobalt, Total	ND		mg/l	0.00050	0.00016	1	06/28/22 19:32	07/07/22 22:33	EPA 3005A	1,6020B	CD
Copper, Total	ND		mg/l	0.00100	0.00038	1	06/28/22 19:32	07/07/22 22:33	EPA 3005A	1,6020B	CD
Iron, Total	5.81		mg/l	0.0500	0.0191	1	06/28/22 19:32	07/07/22 22:33	EPA 3005A	1,6020B	CD
Lead, Total	ND		mg/l	0.00100	0.00034	1	06/28/22 19:32	07/07/22 22:33	EPA 3005A	1,6020B	CD
Magnesium, Total	18.0		mg/l	0.0700	0.0242	1	06/28/22 19:32	07/07/22 22:33	EPA 3005A	1,6020B	CD
Manganese, Total	1.675		mg/l	0.00100	0.00044	1	06/28/22 19:32	07/07/22 22:33	EPA 3005A	1,6020B	CD
Mercury, Total	ND		mg/l	0.00020	0.00009	1	06/28/22 22:55	07/05/22 23:55	EPA 7470A	1,7470A	AW
Nickel, Total	ND		mg/l	0.00200	0.00055	1	06/28/22 19:32	07/07/22 22:33	EPA 3005A	1,6020B	CD
Potassium, Total	5.52		mg/l	0.100	0.0309	1	06/28/22 19:32	07/07/22 22:33	EPA 3005A	1,6020B	CD
Selenium, Total	ND		mg/l	0.00500	0.00173	1	06/28/22 19:32	07/07/22 22:33	EPA 3005A	1,6020B	CD
Silver, Total	ND		mg/l	0.00040	0.00016	1	06/28/22 19:32	07/07/22 22:33	EPA 3005A	1,6020B	CD
Sodium, Total	75.8		mg/l	0.100	0.0293	1	06/28/22 19:32	07/07/22 22:33	EPA 3005A	1,6020B	CD
Thallium, Total	ND		mg/l	0.00100	0.00014	1	06/28/22 19:32	07/07/22 22:33	EPA 3005A	1,6020B	CD
Vanadium, Total	ND		mg/l	0.00500	0.00157	1	06/28/22 19:32	07/07/22 22:33	EPA 3005A	1,6020B	CD
Zinc, Total	ND		mg/l	0.01000	0.00341	1	06/28/22 19:32	07/07/22 22:33	EPA 3005A	1,6020B	CD

Project Name: SOLEPOXY **Lab Number:** L2231820

Project Number: SOLEPO.4884S-13 **Report Date:** 07/08/22

SAMPLE RESULTS

Lab ID: L2231820-07 Date Collected: 06/14/22 15:26

Client ID: MW-A/20220614 Date Received: 06/15/22

Sample Location: 202 FRANKLIN ST. OLEAN NY Field Prep: Not Specified

Sample Depth:

Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	0.0109		mg/l	0.0100	0.00327	1	06/28/22 19:32	07/07/22 22:38	EPA 3005A	1,6020B	CD
Antimony, Total	ND		mg/l	0.00400	0.00042	1	06/28/22 19:32	07/07/22 22:38	EPA 3005A	1,6020B	CD
Arsenic, Total	0.00149		mg/l	0.00050	0.00016	1	06/28/22 19:32	07/07/22 22:38	EPA 3005A	1,6020B	CD
Barium, Total	0.1894		mg/l	0.00050	0.00017	1	06/28/22 19:32	07/07/22 22:38	EPA 3005A	1,6020B	CD
Beryllium, Total	ND		mg/l	0.00050	0.00010	1	06/28/22 19:32	07/07/22 22:38	EPA 3005A	1,6020B	CD
Cadmium, Total	ND		mg/l	0.00020	0.00005	1	06/28/22 19:32	07/07/22 22:38	EPA 3005A	1,6020B	CD
Calcium, Total	92.9		mg/l	0.100	0.0394	1	06/28/22 19:32	07/07/22 22:38	EPA 3005A	1,6020B	CD
Chromium, Total	0.00022	J	mg/l	0.00100	0.00017	1	06/28/22 19:32	07/07/22 22:38	EPA 3005A	1,6020B	CD
Cobalt, Total	0.00064		mg/l	0.00050	0.00016	1	06/28/22 19:32	07/07/22 22:38	EPA 3005A	1,6020B	CD
Copper, Total	0.00074	J	mg/l	0.00100	0.00038	1	06/28/22 19:32	07/07/22 22:38	EPA 3005A	1,6020B	CD
Iron, Total	19.6		mg/l	0.0500	0.0191	1	06/28/22 19:32	07/07/22 22:38	EPA 3005A	1,6020B	CD
Lead, Total	ND		mg/l	0.00100	0.00034	1	06/28/22 19:32	07/07/22 22:38	EPA 3005A	1,6020B	CD
Magnesium, Total	4.79		mg/l	0.0700	0.0242	1	06/28/22 19:32	07/07/22 22:38	EPA 3005A	1,6020B	CD
Manganese, Total	1.328		mg/l	0.00100	0.00044	1	06/28/22 19:32	07/07/22 22:38	EPA 3005A	1,6020B	CD
Mercury, Total	ND		mg/l	0.00020	0.00009	1	06/28/22 22:55	07/05/22 23:58	EPA 7470A	1,7470A	AW
Nickel, Total	0.00056	J	mg/l	0.00200	0.00055	1	06/28/22 19:32	07/07/22 22:38	EPA 3005A	1,6020B	CD
Potassium, Total	5.22		mg/l	0.100	0.0309	1	06/28/22 19:32	07/07/22 22:38	EPA 3005A	1,6020B	CD
Selenium, Total	ND		mg/l	0.00500	0.00173	1	06/28/22 19:32	07/07/22 22:38	EPA 3005A	1,6020B	CD
Silver, Total	ND		mg/l	0.00040	0.00016	1	06/28/22 19:32	07/07/22 22:38	EPA 3005A	1,6020B	CD
Sodium, Total	38.3		mg/l	0.100	0.0293	1	06/28/22 19:32	07/07/22 22:38	EPA 3005A	1,6020B	CD
Thallium, Total	ND		mg/l	0.00100	0.00014	1	06/28/22 19:32	07/07/22 22:38	EPA 3005A	1,6020B	CD
Vanadium, Total	ND		mg/l	0.00500	0.00157	1	06/28/22 19:32	07/07/22 22:38	EPA 3005A	1,6020B	CD
Zinc, Total	0.00688	J	mg/l	0.01000	0.00341	1	06/28/22 19:32	07/07/22 22:38	EPA 3005A	1,6020B	CD

Project Name: SOLEPOXY **Lab Number:** L2231820

Project Number: SOLEPO.4884S-13 **Report Date:** 07/08/22

SAMPLE RESULTS

Lab ID: L2231820-08 Date Collected: 06/14/22 15:30

Client ID: EB-1/20220614 Date Received: 06/15/22

Sample Location: 202 FRANKLIN ST. OLEAN NY Field Prep: Not Specified

Sample Depth:

Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	0.00334	J	mg/l	0.0100	0.00327	1	06/28/22 19:32	07/07/22 22:44	EPA 3005A	1,6020B	CD
Antimony, Total	ND		mg/l	0.00400	0.00042	1	06/28/22 19:32	07/07/22 22:44	EPA 3005A	1,6020B	CD
Arsenic, Total	ND		mg/l	0.00050	0.00016	1	06/28/22 19:32	07/07/22 22:44	EPA 3005A	1,6020B	CD
Barium, Total	0.00218		mg/l	0.00050	0.00017	1	06/28/22 19:32	07/07/22 22:44	EPA 3005A	1,6020B	CD
Beryllium, Total	ND		mg/l	0.00050	0.00010	1	06/28/22 19:32	07/07/22 22:44	EPA 3005A	1,6020B	CD
Cadmium, Total	ND		mg/l	0.00020	0.00005	1	06/28/22 19:32	07/07/22 22:44	EPA 3005A	1,6020B	CD
Calcium, Total	0.347		mg/l	0.100	0.0394	1	06/28/22 19:32	07/07/22 22:44	EPA 3005A	1,6020B	CD
Chromium, Total	0.00022	J	mg/l	0.00100	0.00017	1	06/28/22 19:32	07/07/22 22:44	EPA 3005A	1,6020B	CD
Cobalt, Total	ND		mg/l	0.00050	0.00016	1	06/28/22 19:32	07/07/22 22:44	EPA 3005A	1,6020B	CD
Copper, Total	ND		mg/l	0.00100	0.00038	1	06/28/22 19:32	07/07/22 22:44	EPA 3005A	1,6020B	CD
Iron, Total	0.0459	J	mg/l	0.0500	0.0191	1	06/28/22 19:32	07/07/22 22:44	EPA 3005A	1,6020B	CD
Lead, Total	ND		mg/l	0.00100	0.00034	1	06/28/22 19:32	07/07/22 22:44	EPA 3005A	1,6020B	CD
Magnesium, Total	0.0246	J	mg/l	0.0700	0.0242	1	06/28/22 19:32	07/07/22 22:44	EPA 3005A	1,6020B	CD
Manganese, Total	0.00170		mg/l	0.00100	0.00044	1	06/28/22 19:32	07/07/22 22:44	EPA 3005A	1,6020B	CD
Mercury, Total	ND		mg/l	0.00020	0.00009	1	06/28/22 22:55	07/06/22 00:02	EPA 7470A	1,7470A	AW
Nickel, Total	ND		mg/l	0.00200	0.00055	1	06/28/22 19:32	07/07/22 22:44	EPA 3005A	1,6020B	CD
Potassium, Total	ND		mg/l	0.100	0.0309	1	06/28/22 19:32	07/07/22 22:44	EPA 3005A	1,6020B	CD
Selenium, Total	ND		mg/l	0.00500	0.00173	1	06/28/22 19:32	07/07/22 22:44	EPA 3005A	1,6020B	CD
Silver, Total	ND		mg/l	0.00040	0.00016	1	06/28/22 19:32	07/07/22 22:44	EPA 3005A	1,6020B	CD
Sodium, Total	0.0805	J	mg/l	0.100	0.0293	1	06/28/22 19:32	07/07/22 22:44	EPA 3005A	1,6020B	CD
Thallium, Total	ND		mg/l	0.00100	0.00014	1	06/28/22 19:32	07/07/22 22:44	EPA 3005A	1,6020B	CD
Vanadium, Total	ND		mg/l	0.00500	0.00157	1	06/28/22 19:32	07/07/22 22:44	EPA 3005A	1,6020B	CD
Zinc, Total	ND		mg/l	0.01000	0.00341	1	06/28/22 19:32	07/07/22 22:44	EPA 3005A	1,6020B	CD

Project Name: SOLEPOXY **Lab Number:** L2231820

Project Number: SOLEPO.4884S-13 **Report Date:** 07/08/22

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): 01-08 Batch: WG1656424-1										
Aluminum, Total	ND		mg/l	0.0100	0.00327	1	06/28/22 19:32	07/07/22 20:57	1,6020B	CD
Antimony, Total	ND		mg/l	0.00400	0.00042	1	06/28/22 19:32	07/07/22 20:57	1,6020B	CD
Arsenic, Total	ND		mg/l	0.00050	0.00016	1	06/28/22 19:32	07/07/22 20:57	1,6020B	CD
Barium, Total	ND		mg/l	0.00050	0.00017	1	06/28/22 19:32	07/07/22 20:57	1,6020B	CD
Beryllium, Total	ND		mg/l	0.00050	0.00010	1	06/28/22 19:32	07/07/22 20:57	1,6020B	CD
Cadmium, Total	ND		mg/l	0.00020	0.00005	1	06/28/22 19:32	07/07/22 20:57	1,6020B	CD
Calcium, Total	ND		mg/l	0.100	0.0394	1	06/28/22 19:32	07/07/22 20:57	1,6020B	CD
Chromium, Total	ND		mg/l	0.00100	0.00017	1	06/28/22 19:32	07/07/22 20:57	1,6020B	CD
Cobalt, Total	ND		mg/l	0.00050	0.00016	1	06/28/22 19:32	07/07/22 20:57	1,6020B	CD
Copper, Total	ND		mg/l	0.00100	0.00038	1	06/28/22 19:32	07/07/22 20:57	1,6020B	CD
Iron, Total	ND		mg/l	0.0500	0.0191	1	06/28/22 19:32	07/07/22 20:57	1,6020B	CD
Lead, Total	ND		mg/l	0.00100	0.00034	1	06/28/22 19:32	07/07/22 20:57	1,6020B	CD
Magnesium, Total	ND		mg/l	0.0700	0.0242	1	06/28/22 19:32	07/07/22 20:57	1,6020B	CD
Manganese, Total	ND		mg/l	0.00100	0.00044	1	06/28/22 19:32	07/07/22 20:57	1,6020B	CD
Nickel, Total	ND		mg/l	0.00200	0.00055	1	06/28/22 19:32	07/07/22 20:57	1,6020B	CD
Potassium, Total	ND		mg/l	0.100	0.0309	1	06/28/22 19:32	07/07/22 20:57	1,6020B	CD
Selenium, Total	ND		mg/l	0.00500	0.00173	1	06/28/22 19:32	07/07/22 20:57	1,6020B	CD
Silver, Total	ND		mg/l	0.00040	0.00016	1	06/28/22 19:32	07/07/22 20:57	1,6020B	CD
Sodium, Total	ND		mg/l	0.100	0.0293	1	06/28/22 19:32	07/07/22 20:57	1,6020B	CD
Thallium, Total	0.00032	J	mg/l	0.00100	0.00014	1	06/28/22 19:32	07/07/22 20:57	1,6020B	CD
Vanadium, Total	ND		mg/l	0.00500	0.00157	1	06/28/22 19:32	07/07/22 20:57	1,6020B	CD
Zinc, Total	ND		mg/l	0.01000	0.00341	1	06/28/22 19:32	07/07/22 20:57	1,6020B	CD

Prep Information

Digestion Method: EPA 3005A

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 01-08 Batch: WG1656426-1										
Mercury, Total	ND		mg/l	0.00020	0.00009	1	06/28/22 22:55	07/05/22 23:19	1,7470A	AW

Project Name: SOLEPOXY
Project Number: SOLEPO.4884S-13
Lab Number: L2231820
Report Date: 07/08/22

Method Blank Analysis
Batch Quality Control

Prep Information

Digestion Method: EPA 7470A

Lab Control Sample Analysis

Batch Quality Control

Project Name: SOLEPOXY

Project Number: SOLEPO.4884S-13

Lab Number: L2231820

Report Date: 07/08/22

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-08 Batch: WG1656424-2								
Aluminum, Total	105		-		80-120	-		
Antimony, Total	100		-		80-120	-		
Arsenic, Total	104		-		80-120	-		
Barium, Total	105		-		80-120	-		
Beryllium, Total	104		-		80-120	-		
Cadmium, Total	105		-		80-120	-		
Calcium, Total	87		-		80-120	-		
Chromium, Total	98		-		80-120	-		
Cobalt, Total	95		-		80-120	-		
Copper, Total	95		-		80-120	-		
Iron, Total	99		-		80-120	-		
Lead, Total	101		-		80-120	-		
Magnesium, Total	107		-		80-120	-		
Manganese, Total	103		-		80-120	-		
Nickel, Total	94		-		80-120	-		
Potassium, Total	105		-		80-120	-		
Selenium, Total	102		-		80-120	-		
Silver, Total	107		-		80-120	-		
Sodium, Total	104		-		80-120	-		
Thallium, Total	110		-		80-120	-		
Vanadium, Total	100		-		80-120	-		

Lab Control Sample Analysis

Batch Quality Control

Project Name: SOLEPOXY

Project Number: SOLEPO.4884S-13

Lab Number: L2231820

Report Date: 07/08/22

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-08 Batch: WG1656424-2					
Zinc, Total	97	-	80-120	-	
Total Metals - Mansfield Lab Associated sample(s): 01-08 Batch: WG1656426-2					
Mercury, Total	100	-	80-120	-	

Matrix Spike Analysis
Batch Quality Control

Project Name: SOLEPOXY
Project Number: SOLEPO.4884S-13

Lab Number: L2231820
Report Date: 07/08/22

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): 01-08 C/20220614	QC Batch ID: WG1656424-3					WG1656424-4			QC Sample: L2231820-01		Client ID: MW-	
Aluminum, Total	0.0209	2	2.03	100		2.02	100		75-125	0		20
Antimony, Total	ND	0.5	0.5069	101		0.4871	97		75-125	4		20
Arsenic, Total	0.00996	0.12	0.1310	101		0.1328	102		75-125	1		20
Barium, Total	0.01510	2	2.046	102		2.018	100		75-125	1		20
Beryllium, Total	ND	0.05	0.05021	100		0.04902	98		75-125	2		20
Cadmium, Total	0.00007J	0.053	0.05681	107		0.05430	102		75-125	5		20
Calcium, Total	101.	10	99.4	**0**	Q	100	**0**	Q	75-125	1		20
Chromium, Total	0.00037J	0.2	0.1917	96		0.1903	95		75-125	1		20
Cobalt, Total	0.00042J	0.5	0.4608	92		0.4566	91		75-125	1		20
Copper, Total	0.00174	0.25	0.2336	93		0.2342	93		75-125	0		20
Iron, Total	0.870	1	1.79	92		1.79	92		75-125	0		20
Lead, Total	0.00099J	0.53	0.5267	99		0.5257	99		75-125	0		20
Magnesium, Total	10.1	10	19.9	98		19.7	96		75-125	1		20
Manganese, Total	0.4414	0.5	0.8984	91		0.9107	94		75-125	1		20
Nickel, Total	0.00621	0.5	0.4780	94		0.4646	92		75-125	3		20
Potassium, Total	5.46	10	14.9	94		15.1	96		75-125	1		20
Selenium, Total	0.00408J	0.12	0.127	106		0.125	104		75-125	2		20
Silver, Total	ND	0.05	0.05159	103		0.05188	104		75-125	1		20
Sodium, Total	16.0	10	25.2	92		25.0	90		75-125	1		20
Thallium, Total	0.00059J	0.12	0.1286	107		0.1266	106		75-125	2		20
Vanadium, Total	ND	0.5	0.4907	98		0.4940	99		75-125	1		20

Matrix Spike Analysis
Batch Quality Control

Project Name: SOLEPOXY
Project Number: SOLEPO.4884S-13

Lab Number: L2231820
Report Date: 07/08/22

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): 01-08 C/20220614	QC Batch ID: WG1656424-3	WG1656424-4	QC Sample: L2231820-01	Client ID: MW-					
Zinc, Total	0.01104	0.5	0.4897	96	0.4780	93	75-125	2	20
Total Metals - Mansfield Lab Associated sample(s): 01-08 C/20220614	QC Batch ID: WG1656426-3	WG1656426-4	QC Sample: L2231820-01	Client ID: MW-					
Mercury, Total	ND	0.005	0.00488	98	0.00490	98	75-125	0	20

Project Name: SOLEPOXY
Project Number: SOLEPO.4884S-13

Lab Serial Dilution Analysis
Batch Quality Control

Lab Number: L2231820
Report Date: 07/08/22

Parameter	Native Sample	Serial Dilution	Units	% D	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-08 QC Batch ID: WG1656424-6 QC Sample: L2231820-01 Client ID: MW-C/20220614						
Barium, Total	0.01510	0.01495	mg/l	1		20
Calcium, Total	101.	96.8	mg/l	4		20
Magnesium, Total	10.1	9.77	mg/l	3		20
Manganese, Total	0.4414	0.4384	mg/l	1		20
Potassium, Total	5.46	5.19	mg/l	5		20
Sodium, Total	16.0	15.6	mg/l	3		20

Project Name: SOLEPOXY
Project Number: SOLEPO.4884S-13

Lab Number: L2231820
Report Date: 07/08/22

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(*)
L2231820-01A	Plastic 250ml HNO3 preserved	A	<2	<2	3.7	Y	Absent		FE-6020T(180),BA-6020T(180),SE-6020T(180),TL-6020T(180),CA-6020T(180),CR-6020T(180),K-6020T(180),NI-6020T(180),CU-6020T(180),NA-6020T(180),ZN-6020T(180),PB-6020T(180),MN-6020T(180),BE-6020T(180),SB-6020T(180),AS-6020T(180),V-6020T(180),AL-6020T(180),HG-T(28),MG-6020T(180),AG-6020T(180),CD-6020T(180),CO-6020T(180)
L2231820-01A1	Plastic 250ml HNO3 preserved	A	<2	<2	3.7	Y	Absent		FE-6020T(180),BA-6020T(180),SE-6020T(180),TL-6020T(180),CA-6020T(180),CR-6020T(180),K-6020T(180),NI-6020T(180),CU-6020T(180),NA-6020T(180),ZN-6020T(180),PB-6020T(180),MN-6020T(180),BE-6020T(180),SB-6020T(180),AS-6020T(180),V-6020T(180),AL-6020T(180),HG-T(28),MG-6020T(180),AG-6020T(180),CD-6020T(180),CO-6020T(180)
L2231820-01A2	Plastic 250ml HNO3 preserved	A	<2	<2	3.7	Y	Absent		FE-6020T(180),BA-6020T(180),SE-6020T(180),TL-6020T(180),CA-6020T(180),CR-6020T(180),K-6020T(180),NI-6020T(180),CU-6020T(180),NA-6020T(180),ZN-6020T(180),PB-6020T(180),MN-6020T(180),BE-6020T(180),SB-6020T(180),AS-6020T(180),V-6020T(180),AL-6020T(180),HG-T(28),MG-6020T(180),AG-6020T(180),CD-6020T(180),CO-6020T(180)
L2231820-02A	Plastic 250ml HNO3 preserved	A	<2	<2	3.7	Y	Absent		FE-6020T(180),TL-6020T(180),BA-6020T(180),SE-6020T(180),CA-6020T(180),CR-6020T(180),NI-6020T(180),K-6020T(180),ZN-6020T(180),CU-6020T(180),NA-6020T(180),PB-6020T(180),MN-6020T(180),BE-6020T(180),AS-6020T(180),SB-6020T(180),V-6020T(180),CD-6020T(180),AG-6020T(180),MG-6020T(180),AL-6020T(180),HG-T(28),CO-6020T(180)

*Values in parentheses indicate holding time in days

Project Name: SOLEPOXY
Project Number: SOLEPO.4884S-13

Lab Number: L2231820
Report Date: 07/08/22

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2231820-03A	Plastic 250ml HNO3 preserved	A	<2	<2	3.7	Y	Absent		TL-6020T(180),SE-6020T(180),BA-6020T(180),FE-6020T(180),CR-6020T(180),K-6020T(180),NI-6020T(180),CA-6020T(180),ZN-6020T(180),CU-6020T(180),NA-6020T(180),PB-6020T(180),BE-6020T(180),MN-6020T(180),V-6020T(180),AS-6020T(180),SB-6020T(180),CD-6020T(180),AL-6020T(180),HG-T(28),MG-6020T(180),AG-6020T(180),CO-6020T(180)
L2231820-04A	Plastic 250ml HNO3 preserved	A	<2	<2	3.7	Y	Absent		FE-6020T(180),BA-6020T(180),SE-6020T(180),TL-6020T(180),CR-6020T(180),NI-6020T(180),CA-6020T(180),K-6020T(180),NA-6020T(180),CU-6020T(180),ZN-6020T(180),PB-6020T(180),MN-6020T(180),BE-6020T(180),SB-6020T(180),V-6020T(180),AS-6020T(180),AL-6020T(180),MG-6020T(180),AG-6020T(180),CD-6020T(180),HG-T(28),CO-6020T(180)
L2231820-05A	Plastic 250ml HNO3 preserved	A	<2	<2	3.7	Y	Absent		FE-6020T(180),BA-6020T(180),SE-6020T(180),TL-6020T(180),NI-6020T(180),K-6020T(180),CA-6020T(180),CR-6020T(180),NA-6020T(180),ZN-6020T(180),CU-6020T(180),PB-6020T(180),BE-6020T(180),MN-6020T(180),AS-6020T(180),SB-6020T(180),V-6020T(180),AL-6020T(180),CD-6020T(180),MG-6020T(180),HG-T(28),AG-6020T(180),CO-6020T(180)
L2231820-06A	Plastic 250ml HNO3 preserved	A	<2	<2	3.7	Y	Absent		FE-6020T(180),TL-6020T(180),SE-6020T(180),BA-6020T(180),CR-6020T(180),CA-6020T(180),K-6020T(180),NI-6020T(180),NA-6020T(180),ZN-6020T(180),CU-6020T(180),PB-6020T(180),BE-6020T(180),MN-6020T(180),SB-6020T(180),V-6020T(180),AS-6020T(180),HG-T(28),AL-6020T(180),CD-6020T(180),AG-6020T(180),MG-6020T(180),CO-6020T(180)
L2231820-07A	Plastic 250ml HNO3 preserved	A	<2	<2	3.7	Y	Absent		BA-6020T(180),FE-6020T(180),TL-6020T(180),SE-6020T(180),K-6020T(180),CR-6020T(180),NI-6020T(180),CA-6020T(180),CU-6020T(180),NA-6020T(180),ZN-6020T(180),PB-6020T(180),BE-6020T(180),MN-6020T(180),V-6020T(180),AS-6020T(180),SB-6020T(180),AG-6020T(180),HG-T(28),MG-6020T(180),AL-6020T(180),CD-6020T(180),CO-6020T(180)

*Values in parentheses indicate holding time in days

Project Name: SOLEPOXY
Project Number: SOLEPO.4884S-13

Lab Number: L2231820
Report Date: 07/08/22

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2231820-08A	Plastic 250ml HNO3 preserved	A	<2	<2	3.7	Y	Absent		SE-6020T(180),BA-6020T(180),TL-6020T(180),FE-6020T(180),CR-6020T(180),NI-6020T(180),CA-6020T(180),K-6020T(180),CU-6020T(180),ZN-6020T(180),NA-6020T(180),PB-6020T(180),MN-6020T(180),BE-6020T(180),V-6020T(180),AS-6020T(180),SB-6020T(180),MG-6020T(180),AL-6020T(180),AG-6020T(180),CD-6020T(180),HG-T(28),CO-6020T(180)

*Values in parentheses indicate holding time in days

Project Name:	SOLEPOXY	**Lab Number:**	L2231820
Project Number:	SOLEPO.4884S-13	**Report Date:**	07/08/22

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

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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).

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:	SOLEPOXY	**Lab Number:**	L2231820
Project Number:	SOLEPO.4884S-13	**Report Date:**	07/08/22

REFERENCES

1 Test Methods for Evaluating Solid Waste: Physical/Chemical Methods. EPA SW-846. Third Edition. Updates I - VI, 2018.

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.

Certification Information

The following analytes are not included in our Primary NELAP Scope of Accreditation:

Westborough Facility
EPA 624/624.1: m/p-xylene, o-xylene, Naphthalene
EPA 625/625.1: alpha-Terpineol
EPA 8260C/8260D: NPW: 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene, Azobenzene; SCM: Iodomethane (methyl iodide), 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene.
EPA 8270D/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 8082A: NPW: PCB: 1, 5, 31, 87,101, 110, 141, 151, 153, 180, 183, 187.
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 332: Perchlorate; **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), **EPA 600/4-81-045**: PCB-Oil.
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: 6/16/22

ALPHA Job #: L2231820

Client Information

Client: Day Environmental
Address: 1583 Lyell Ave
Rochester NY 14606
Phone: 585-454-0210
Fax:
Email: rkampff@daymail.net

Project Information

Project Name: SoilEpoxy
Project Location: 207 Franklin St. Olean NY
Project #: SoilEpo. 48845-13
(Use Project name as Project #) ☑
Project Manager: Ray Kampff
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

Regulatory Requirement

☒ NY TOGS ☐ NY Part 375
☐ AWQ Standards ☐ NY CP-51
☐ NY Restricted Use ☐ Other
☐ NY Unrestricted Use
☐ NYC Sewer Discharge

Billing Information

☑ Same as Client Info
PO #

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 TAL.

ANALYSIS

TAL Metals

Sample Filtration
☐ Done
☐ Lab to do
Preservation
☐ Lab to do
(Please Specify below)

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler's Initials	TAL Metals	Sample Specific Comments	Total Bottle
31820 01	MW-C/20220614	6-14-22	0910	GW	CMC	X	also do MS/MSD	3
02	MW-D/20220614		1005	GW		X		1
03	MW-B/20220614		1104	GW		X		1
04	MW-E/20220614		1156	GW		X		1
05	MW-F/20220614		1310	GW		X		1
06	MW-G/20220614		1418	GW		X		1
07	MW-A/20220614		1526	GW		X		1
08	EB-1/20220614		1530	DI		X	equipment blank	1

Preservative Code:
A = None
B = HCl
C = HNO_3
D = H_2SO_4
E = NaOH
F = MeOH
G = $NaHSO_4$
H = $Na_2S_2O_3$
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	P							
Preservative	C							

Relinquished By:	Date/Time	Received By:	Date/Time
Cat Demion	6/15/2022 8:00	SECURE STORAGE AAL	6-15-22 2100
SECURE STORAGE AAL	6-15-22 15:45	RCunningham AAL	6-15-22 15:45
RCunningham AAL	6-15-22 15:45		6/16/22 0020

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.)

Form No: 01-25 HC (rev. 30-Sept-2013)

Data Usability Summary Report

Vali-Data of WNY, LLC
20 Hickory Grove Spur
Fulton, NY 13069

202 Franklin St., Olean, NY
Alpha Analytical SDG#L2231820
July 13, 2022
Sampling date: 6/14/2022

Prepared by:
Jodi Zimmerman
Vali-Data of WNY, LLC
20 Hickory Grove Spur
Fulton, NY 13069

DELIVERABLES

This Data Usability Summary Report (DUSR) was prepared by evaluating the analytical data package for Day Environmental, project located at 202 Franklin St., Olean, NY, Alpha Analytical #L2231820 submitted to Vali-Data of WNY, LLC on July 13, 2022. This DUSR has been prepared in general compliance with USEPA National Functional Guidelines(NFG) and NYSDEC Analytical Services Protocols. The laboratory performed the analyses using USEPA method Inorganics (6020B) and Mercury (7470A).

DUSR ID	Sample ID	Laboratory ID
1	MW-C/20220614	L2231820-01
2	MW-D/20220614	L2231820-02
3	MW-B/20220614	L2231820-03
4	MW-E/20220614	L2231820-04
5	MW-F/20220614	L2231820-05
6	MW-G/20220614	L2231820-06
7	MW-A/20220614	L2231820-07
8	EB-1/20220614	L2231820-08

METALS

The following items/criteria were reviewed for this analytical suite:

-Data Completeness
-Narrative and Data Reporting Forms
-Chain of Custody and Traffic Reports
-Holding Times
-Blanks
-Laboratory Control Sample
-MS/MSD/Duplicate
-Field Duplicate
-Serial Dilution
-Compound Quantitation
-Calibration

The items listed above were technically in compliance with the method and SOP criteria with the exceptions discussed in the text below. The data have been reviewed according to the procedures outlined above.

OVERALL EVALUATION OF DATA AND POTENTIAL USABILITY ISSUES

The data are acceptable for use but are qualified below in Blanks and Compound Quantitation.

DATA COMPLETENESS
All criteria were met.

NARRATIVE AND DATA REPORTING FORMS
All criteria were met.

CHAIN OF CUSTODY AND TRAFFIC REPORTS
All criteria were met.

HOLDING TIMES
All holding times were met.

BLANKS
All criteria were met except several target analytes were detected in the blank above the MDL, below the reporting limit and is qualified as estimated. These target analytes should be qualified as undetected at the reporting limit in associated samples in which they were detected below the reporting limit. These target analytes should be qualified as estimated high in associated samples in which they were detected above the reporting limit.

Blank ID	Target Analyte	Concentration(mg/L)	Qualifier	Associated Sample
WG1656424	Tl	.00032	U at RL	1-4
R1584211-20	Al	9.28	JH	1, 2, 4, 5, 7
R1584211-20	Al	9.28	U at RL	3, 6, 8
R1584211-20	Fe	26.8	JH	1-7
R1584211-20	Fe	26.8	U at RL	8
R1584211-20	Tl	1.41	U at RL	1-4
R1584211-22	Al	8.83	JH	1, 2, 4, 5, 7
R1584211-22	Al	8.83	U at RL	3, 6, 8
R1584211-22	As	.169	JH	1-7
R1584211-22	Fe	28.5	JH	1-7
R1584211-22	Fe	28.5	U at RL	8
R1584211-22	Tl	1.45	U at RL	1-4

LABORATORY CONTROL SAMPLE
All criteria were met.

MS/MSD/DUPLICATE
All criteria were met.

FIELD DUPLICATE
No field duplicate was acquired.

SERIAL DILUTION
All criteria were met.

COMPOUND QUANTITATION

All criteria were met except several target analytes were detected in the blank above the MDL, below the reporting limit and is qualified as estimated. These target analytes should be qualified as undetected at the reporting limit in associated samples in which they were detected below the reporting limit. These target analytes should be qualified as estimated high in associated samples in which they were detected above the reporting limit.

Blank ID	Target Analyte	Concentration(mg/L)	Qualifier	Associated Sample
8	Cr	.00022	U at RL	1, 2, 4-7
8	Mg	.0246	JH	1-7
8	Na	.0805	JH	1-7
8	Ba	.00218	JH	1-7
8	Ca	.347	JH	1-7
8	Mn	.0017	JH	1-7

Some target analytes were detected in DUSR ID#8 but due to being detected in the method blank and thus qualified as undetected, no further action is required.

CALIBRATION

All criteria were met.

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. All specific QC information is also incorporated in the Data Usability format of our Data Merger tool where it can be reviewed along with any associated 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.

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 table. The information is also incorporated in the Data Usability format of our Data Merger tool where it can be reviewed along with any associated usability implications.

Please see the associated ADEx data file for a comparison of laboratory reporting limits that were achieved with the regulatory Numerical Standards requested on the Chain of Custody.

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 Client Service Representative 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 Client Services at 800-624-9220 with any questions.

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.

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: Report Date: 07/08/22

Title: Technical Director/Representative

Form 1
METALS

Client	: Day Environmental, Inc.	**Lab Number**	: L2231820
Project Name	: SOLEPOXY	**Project Number**	: SOLEPO.4884S-13
Lab ID	: L2231820-01	**Date Collected**	: 06/14/22 09:10
Client ID	: MW-C/20220614	**Date Received**	: 06/15/22
Sample Location	: 202 FRANKLIN ST. OLEAN NY	**Date Analyzed**	: 07/07/22 22:07
Sample Matrix	: WATER	**Dilution Factor**	: 1
Analytical Method	: 1,6020B	**Analyst**	: CD
Lab File ID	: WG1659999.pdf	**Instrument ID**	: ICPMSQ2
Sample Amount	: 50ml	**%Solids**	: N/A
Digestion Method	: EPA 3005A	**Date Digested**	: 06/28/22

		mg/l			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
7429-90-5	Aluminum, Total	0.0209	0.0100	0.00327	
7440-36-0	Antimony, Total	ND	0.00400	0.00042	U
7440-38-2	Arsenic, Total	0.00996	0.00050	0.00016	
7440-39-3	Barium, Total	0.01510	0.00050	0.00017	
7440-41-7	Beryllium, Total	ND	0.00050	0.00010	U
7440-43-9	Cadmium, Total	0.00007	0.00020	0.00005	J
7440-70-2	Calcium, Total	101.	0.100	0.0394	
7440-47-3	Chromium, Total	0.00037	0.00100	0.00017	J
7440-48-4	Cobalt, Total	0.00042	0.00050	0.00016	J
7440-50-8	Copper, Total	0.00174	0.00100	0.00038	
7439-89-6	Iron, Total	0.870	0.0500	0.0191	
7439-92-1	Lead, Total	0.00099	0.00100	0.00034	J
7439-95-4	Magnesium, Total	10.1	0.0700	0.0242	
7439-96-5	Manganese, Total	0.4414	0.00100	0.00044	
7440-02-0	Nickel, Total	0.00621	0.00200	0.00055	
7440-09-7	Potassium, Total	5.46	0.100	0.0309	
7782-49-2	Selenium, Total	0.00408	0.00500	0.00173	J
7440-22-4	Silver, Total	ND	0.00040	0.00016	U
7440-23-5	Sodium, Total	16.0	0.100	0.0293	
7440-28-0	Thallium, Total	0.00059	0.00100	0.00014	J
7440-62-2	Vanadium, Total	ND	0.00500	0.00157	U
7440-66-6	Zinc, Total	0.01104	0.01000	0.00341	

Form 1
METALS

Client	: Day Environmental, Inc.	**Lab Number**	: L2231820
Project Name	: SOLEPOXY	**Project Number**	: SOLEPO.4884S-13
Lab ID	: L2231820-02	**Date Collected**	: 06/14/22 10:05
Client ID	: MW-D/20220614	**Date Received**	: 06/15/22
Sample Location	: 202 FRANKLIN ST. OLEAN NY	**Date Analyzed**	: 07/07/22 22:12
Sample Matrix	: WATER	**Dilution Factor**	: 1
Analytical Method	: 1,6020B	**Analyst**	: CD
Lab File ID	: WG1659999.pdf	**Instrument ID**	: ICPMSQ2
Sample Amount	: 50ml	**%Solids**	: N/A
Digestion Method	: EPA 3005A	**Date Digested**	: 06/28/22

		mg/l			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
7429-90-5	Aluminum, Total	0.0466	0.0100	0.00327	
7440-36-0	Antimony, Total	ND	0.00400	0.00042	U
7440-38-2	Arsenic, Total	0.1248	0.00050	0.00016	
7440-39-3	Barium, Total	2.525	0.00050	0.00017	
7440-41-7	Beryllium, Total	ND	0.00050	0.00010	U
7440-43-9	Cadmium, Total	ND	0.00020	0.00005	U
7440-70-2	Calcium, Total	136.	0.100	0.0394	
7440-47-3	Chromium, Total	0.00050	0.00100	0.00017	J
7440-48-4	Cobalt, Total	0.00030	0.00050	0.00016	J
7440-50-8	Copper, Total	0.00119	0.00100	0.00038	
7439-89-6	Iron, Total	19.8	0.0500	0.0191	
7439-92-1	Lead, Total	ND	0.00100	0.00034	U
7439-95-4	Magnesium, Total	25.6	0.0700	0.0242	
7439-96-5	Manganese, Total	1.843	0.00100	0.00044	
7440-02-0	Nickel, Total	0.00066	0.00200	0.00055	J
7440-09-7	Potassium, Total	5.01	0.100	0.0309	
7782-49-2	Selenium, Total	ND	0.00500	0.00173	U
7440-22-4	Silver, Total	ND	0.00040	0.00016	U
7440-23-5	Sodium, Total	183.	0.100	0.0293	
7440-28-0	Thallium, Total	0.00024	0.00100	0.00014	J
7440-62-2	Vanadium, Total	ND	0.00500	0.00157	U
7440-66-6	Zinc, Total	ND	0.01000	0.00341	U

Form 1
METALS

Client	: Day Environmental, Inc.	**Lab Number**	: L2231820
Project Name	: SOLEPOXY	**Project Number**	: SOLEPO.4884S-13
Lab ID	: L2231820-03	**Date Collected**	: 06/14/22 11:04
Client ID	: MW-B/20220614	**Date Received**	: 06/15/22
Sample Location	: 202 FRANKLIN ST. OLEAN NY	**Date Analyzed**	: 07/07/22 22:17
Sample Matrix	: WATER	**Dilution Factor**	: 1
Analytical Method	: 1,6020B	**Analyst**	: CD
Lab File ID	: WG1659999.pdf	**Instrument ID**	: ICPMSQ2
Sample Amount	: 50ml	**%Solids**	: N/A
Digestion Method	: EPA 3005A	**Date Digested**	: 06/28/22

		mg/l			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
7429-90-5	Aluminum, Total	0.00586	0.0100	0.00327	J
7440-36-0	Antimony, Total	ND	0.00400	0.00042	U
7440-38-2	Arsenic, Total	0.00101	0.00050	0.00016	
7440-39-3	Barium, Total	1.616	0.00050	0.00017	
7440-41-7	Beryllium, Total	ND	0.00050	0.00010	U
7440-43-9	Cadmium, Total	ND	0.00020	0.00005	U
7440-70-2	Calcium, Total	158.	0.100	0.0394	
7440-47-3	Chromium, Total	ND	0.00100	0.00017	U
7440-48-4	Cobalt, Total	ND	0.00050	0.00016	U
7440-50-8	Copper, Total	0.00051	0.00100	0.00038	J
7439-89-6	Iron, Total	3.57	0.0500	0.0191	
7439-92-1	Lead, Total	ND	0.00100	0.00034	U
7439-95-4	Magnesium, Total	24.6	0.0700	0.0242	
7439-96-5	Manganese, Total	1.731	0.00100	0.00044	
7440-02-0	Nickel, Total	ND	0.00200	0.00055	U
7440-09-7	Potassium, Total	4.55	0.100	0.0309	
7782-49-2	Selenium, Total	ND	0.00500	0.00173	U
7440-22-4	Silver, Total	ND	0.00040	0.00016	U
7440-23-5	Sodium, Total	133.	0.100	0.0293	
7440-28-0	Thallium, Total	0.00015	0.00100	0.00014	J
7440-62-2	Vanadium, Total	ND	0.00500	0.00157	U
7440-66-6	Zinc, Total	ND	0.01000	0.00341	U

Form 1
METALS

Client	: Day Environmental, Inc.	**Lab Number**	: L2231820
Project Name	: SOLEPOXY	**Project Number**	: SOLEPO.4884S-13
Lab ID	: L2231820-04	**Date Collected**	: 06/14/22 11:56
Client ID	: MW-E/20220614	**Date Received**	: 06/15/22
Sample Location	: 202 FRANKLIN ST. OLEAN NY	**Date Analyzed**	: 07/07/22 22:22
Sample Matrix	: WATER	**Dilution Factor**	: 1
Analytical Method	: 1,6020B	**Analyst**	: CD
Lab File ID	: WG1659999.pdf	**Instrument ID**	: ICPMSQ2
Sample Amount	: 50ml	**%Solids**	: N/A
Digestion Method	: EPA 3005A	**Date Digested**	: 06/28/22

		mg/l			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
7429-90-5	Aluminum, Total	0.0776	0.0100	0.00327	
7440-36-0	Antimony, Total	ND	0.00400	0.00042	U
7440-38-2	Arsenic, Total	0.00521	0.00050	0.00016	
7440-39-3	Barium, Total	1.519	0.00050	0.00017	
7440-41-7	Beryllium, Total	ND	0.00050	0.00010	U
7440-43-9	Cadmium, Total	ND	0.00020	0.00005	U
7440-70-2	Calcium, Total	150.	0.100	0.0394	
7440-47-3	Chromium, Total	0.00029	0.00100	0.00017	J
7440-48-4	Cobalt, Total	0.00047	0.00050	0.00016	J
7440-50-8	Copper, Total	0.00232	0.00100	0.00038	
7439-89-6	Iron, Total	2.00	0.0500	0.0191	
7439-92-1	Lead, Total	0.00276	0.00100	0.00034	
7439-95-4	Magnesium, Total	26.4	0.0700	0.0242	
7439-96-5	Manganese, Total	2.576	0.00100	0.00044	
7440-02-0	Nickel, Total	0.00261	0.00200	0.00055	
7440-09-7	Potassium, Total	3.83	0.100	0.0309	
7782-49-2	Selenium, Total	ND	0.00500	0.00173	U
7440-22-4	Silver, Total	ND	0.00040	0.00016	U
7440-23-5	Sodium, Total	168.	0.100	0.0293	
7440-28-0	Thallium, Total	0.00014	0.00100	0.00014	J
7440-62-2	Vanadium, Total	ND	0.00500	0.00157	U
7440-66-6	Zinc, Total	0.00353	0.01000	0.00341	J

Form 1
METALS

Client	: Day Environmental, Inc.	**Lab Number**	: L2231820
Project Name	: SOLEPOXY	**Project Number**	: SOLEPO.4884S-13
Lab ID	: L2231820-05	**Date Collected**	: 06/14/22 13:10
Client ID	: MW-F/20220614	**Date Received**	: 06/15/22
Sample Location	: 202 FRANKLIN ST. OLEAN NY	**Date Analyzed**	: 07/07/22 22:28
Sample Matrix	: WATER	**Dilution Factor**	: 1
Analytical Method	: 1,6020B	**Analyst**	: CD
Lab File ID	: WG1659999.pdf	**Instrument ID**	: ICPMSQ2
Sample Amount	: 50ml	**%Solids**	: N/A
Digestion Method	: EPA 3005A	**Date Digested**	: 06/28/22

		mg/l			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
7429-90-5	Aluminum, Total	0.0148	0.0100	0.00327	
7440-36-0	Antimony, Total	ND	0.00400	0.00042	U
7440-38-2	Arsenic, Total	0.00073	0.00050	0.00016	
7440-39-3	Barium, Total	0.4057	0.00050	0.00017	
7440-41-7	Beryllium, Total	ND	0.00050	0.00010	U
7440-43-9	Cadmium, Total	ND	0.00020	0.00005	U
7440-70-2	Calcium, Total	127.	0.100	0.0394	
7440-47-3	Chromium, Total	0.00021	0.00100	0.00017	J
7440-48-4	Cobalt, Total	0.00088	0.00050	0.00016	
7440-50-8	Copper, Total	0.00098	0.00100	0.00038	J
7439-89-6	Iron, Total	0.134	0.0500	0.0191	
7439-92-1	Lead, Total	ND	0.00100	0.00034	U
7439-95-4	Magnesium, Total	17.0	0.0700	0.0242	
7439-96-5	Manganese, Total	1.460	0.00100	0.00044	
7440-02-0	Nickel, Total	0.00127	0.00200	0.00055	J
7440-09-7	Potassium, Total	4.31	0.100	0.0309	
7782-49-2	Selenium, Total	ND	0.00500	0.00173	U
7440-22-4	Silver, Total	ND	0.00040	0.00016	U
7440-23-5	Sodium, Total	106.	0.100	0.0293	
7440-28-0	Thallium, Total	ND	0.00100	0.00014	U
7440-62-2	Vanadium, Total	ND	0.00500	0.00157	U
7440-66-6	Zinc, Total	ND	0.01000	0.00341	U

Form 1
METALS

Client	: Day Environmental, Inc.	**Lab Number**	: L2231820
Project Name	: SOLEPOXY	**Project Number**	: SOLEPO.4884S-13
Lab ID	: L2231820-06	**Date Collected**	: 06/14/22 14:18
Client ID	: MW-G/20220614	**Date Received**	: 06/15/22
Sample Location	: 202 FRANKLIN ST. OLEAN NY	**Date Analyzed**	: 07/07/22 22:33
Sample Matrix	: WATER	**Dilution Factor**	: 1
Analytical Method	: 1,6020B	**Analyst**	: CD
Lab File ID	: WG1659999.pdf	**Instrument ID**	: ICPMSQ2
Sample Amount	: 50ml	**%Solids**	: N/A
Digestion Method	: EPA 3005A	**Date Digested**	: 06/28/22

		mg/l			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
7429-90-5	Aluminum, Total	0.00350	0.0100	0.00327	J
7440-36-0	Antimony, Total	ND	0.00400	0.00042	U
7440-38-2	Arsenic, Total	0.00372	0.00050	0.00016	
7440-39-3	Barium, Total	1.227	0.00050	0.00017	
7440-41-7	Beryllium, Total	ND	0.00050	0.00010	U
7440-43-9	Cadmium, Total	ND	0.00020	0.00005	U
7440-70-2	Calcium, Total	189.	0.100	0.0394	
7440-47-3	Chromium, Total	0.00020	0.00100	0.00017	J
7440-48-4	Cobalt, Total	ND	0.00050	0.00016	U
7440-50-8	Copper, Total	ND	0.00100	0.00038	U
7439-89-6	Iron, Total	5.81	0.0500	0.0191	
7439-92-1	Lead, Total	ND	0.00100	0.00034	U
7439-95-4	Magnesium, Total	18.0	0.0700	0.0242	
7439-96-5	Manganese, Total	1.675	0.00100	0.00044	
7440-02-0	Nickel, Total	ND	0.00200	0.00055	U
7440-09-7	Potassium, Total	5.52	0.100	0.0309	
7782-49-2	Selenium, Total	ND	0.00500	0.00173	U
7440-22-4	Silver, Total	ND	0.00040	0.00016	U
7440-23-5	Sodium, Total	75.8	0.100	0.0293	
7440-28-0	Thallium, Total	ND	0.00100	0.00014	U
7440-62-2	Vanadium, Total	ND	0.00500	0.00157	U
7440-66-6	Zinc, Total	ND	0.01000	0.00341	U

Form 1
METALS

Client	: Day Environmental, Inc.	**Lab Number**	: L2231820
Project Name	: SOLEPOXY	**Project Number**	: SOLEPO.4884S-13
Lab ID	: L2231820-07	**Date Collected**	: 06/14/22 15:26
Client ID	: MW-A/20220614	**Date Received**	: 06/15/22
Sample Location	: 202 FRANKLIN ST. OLEAN NY	**Date Analyzed**	: 07/07/22 22:38
Sample Matrix	: WATER	**Dilution Factor**	: 1
Analytical Method	: 1,6020B	**Analyst**	: CD
Lab File ID	: WG1659999.pdf	**Instrument ID**	: ICPMSQ2
Sample Amount	: 50ml	**%Solids**	: N/A
Digestion Method	: EPA 3005A	**Date Digested**	: 06/28/22

		mg/l			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
7429-90-5	Aluminum, Total	0.0109	0.0100	0.00327	
7440-36-0	Antimony, Total	ND	0.00400	0.00042	U
7440-38-2	Arsenic, Total	0.00149	0.00050	0.00016	
7440-39-3	Barium, Total	0.1894	0.00050	0.00017	
7440-41-7	Beryllium, Total	ND	0.00050	0.00010	U
7440-43-9	Cadmium, Total	ND	0.00020	0.00005	U
7440-70-2	Calcium, Total	92.9	0.100	0.0394	
7440-47-3	Chromium, Total	0.00022	0.00100	0.00017	J
7440-48-4	Cobalt, Total	0.00064	0.00050	0.00016	
7440-50-8	Copper, Total	0.00074	0.00100	0.00038	J
7439-89-6	Iron, Total	19.6	0.0500	0.0191	
7439-92-1	Lead, Total	ND	0.00100	0.00034	U
7439-95-4	Magnesium, Total	4.79	0.0700	0.0242	
7439-96-5	Manganese, Total	1.328	0.00100	0.00044	
7440-02-0	Nickel, Total	0.00056	0.00200	0.00055	J
7440-09-7	Potassium, Total	5.22	0.100	0.0309	
7782-49-2	Selenium, Total	ND	0.00500	0.00173	U
7440-22-4	Silver, Total	ND	0.00040	0.00016	U
7440-23-5	Sodium, Total	38.3	0.100	0.0293	
7440-28-0	Thallium, Total	ND	0.00100	0.00014	U
7440-62-2	Vanadium, Total	ND	0.00500	0.00157	U
7440-66-6	Zinc, Total	0.00688	0.01000	0.00341	J

Form 1
METALS

Client	: Day Environmental, Inc.	**Lab Number**	: L2231820
Project Name	: SOLEPOXY	**Project Number**	: SOLEPO.4884S-13
Lab ID	: L2231820-08	**Date Collected**	: 06/14/22 15:30
Client ID	: EB-1/20220614	**Date Received**	: 06/15/22
Sample Location	: 202 FRANKLIN ST. OLEAN NY	**Date Analyzed**	: 07/07/22 22:44
Sample Matrix	: WATER	**Dilution Factor**	: 1
Analytical Method	: 1,6020B	**Analyst**	: CD
Lab File ID	: WG1659999.pdf	**Instrument ID**	: ICPMSQ2
Sample Amount	: 50ml	**%Solids**	: N/A
Digestion Method	: EPA 3005A	**Date Digested**	: 06/28/22

		mg/l			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
7429-90-5	Aluminum, Total	0.00334	0.0100	0.00327	J
7440-36-0	Antimony, Total	ND	0.00400	0.00042	U
7440-38-2	Arsenic, Total	ND	0.00050	0.00016	U
7440-39-3	Barium, Total	0.00218	0.00050	0.00017	
7440-41-7	Beryllium, Total	ND	0.00050	0.00010	U
7440-43-9	Cadmium, Total	ND	0.00020	0.00005	U
7440-70-2	Calcium, Total	0.347	0.100	0.0394	
7440-47-3	Chromium, Total	0.00022	0.00100	0.00017	J
7440-48-4	Cobalt, Total	ND	0.00050	0.00016	U
7440-50-8	Copper, Total	ND	0.00100	0.00038	U
7439-89-6	Iron, Total	0.0459	0.0500	0.0191	J
7439-92-1	Lead, Total	ND	0.00100	0.00034	U
7439-95-4	Magnesium, Total	0.0246	0.0700	0.0242	J
7439-96-5	Manganese, Total	0.00170	0.00100	0.00044	
7440-02-0	Nickel, Total	ND	0.00200	0.00055	U
7440-09-7	Potassium, Total	ND	0.100	0.0309	U
7782-49-2	Selenium, Total	ND	0.00500	0.00173	U
7440-22-4	Silver, Total	ND	0.00040	0.00016	U
7440-23-5	Sodium, Total	0.0805	0.100	0.0293	J
7440-28-0	Thallium, Total	ND	0.00100	0.00014	U
7440-62-2	Vanadium, Total	ND	0.00500	0.00157	U
7440-66-6	Zinc, Total	ND	0.01000	0.00341	U

Form 1
METALS

Client	: Day Environmental, Inc.	**Lab Number**	: L2231820
Project Name	: SOLEPOXY	**Project Number**	: SOLEPO.4884S-13
Lab ID	: WG1656424-1	**Date Collected**	: NA
Client ID	: WG1656424-1BLANK	**Date Received**	: NA
Sample Location	:	**Date Analyzed**	: 07/07/22 20:57
Sample Matrix	: WATER	**Dilution Factor**	: 1
Analytical Method	: 1,6020B	**Analyst**	: CD
Lab File ID	: WG1659999.pdf	**Instrument ID**	: ICPMSQ2
Sample Amount	: 50ml	**%Solids**	: N/A
Digestion Method	: EPA 3005A	**Date Digested**	: 06/28/22

		mg/l			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
7429-90-5	Aluminum, Total	ND	0.0100	0.00327	U
7440-36-0	Antimony, Total	ND	0.00400	0.00042	U
7440-38-2	Arsenic, Total	ND	0.00050	0.00016	U
7440-39-3	Barium, Total	ND	0.00050	0.00017	U
7440-41-7	Beryllium, Total	ND	0.00050	0.00010	U
7440-43-9	Cadmium, Total	ND	0.00020	0.00005	U
7440-70-2	Calcium, Total	ND	0.100	0.0394	U
7440-47-3	Chromium, Total	ND	0.00100	0.00017	U
7440-48-4	Cobalt, Total	ND	0.00050	0.00016	U
7440-50-8	Copper, Total	ND	0.00100	0.00038	U
7439-89-6	Iron, Total	ND	0.0500	0.0191	U
7439-92-1	Lead, Total	ND	0.00100	0.00034	U
7439-95-4	Magnesium, Total	ND	0.0700	0.0242	U
7439-96-5	Manganese, Total	ND	0.00100	0.00044	U
7440-02-0	Nickel, Total	ND	0.00200	0.00055	U
7440-09-7	Potassium, Total	ND	0.100	0.0309	U
7782-49-2	Selenium, Total	ND	0.00500	0.00173	U
7440-22-4	Silver, Total	ND	0.00040	0.00016	U
7440-23-5	Sodium, Total	ND	0.100	0.0293	U
7440-28-0	Thallium, Total	0.00032	0.00100	0.00014	J
7440-62-2	Vanadium, Total	ND	0.00500	0.00157	U
7440-66-6	Zinc, Total	ND	0.01000	0.00341	U

Form 3
Blanks

Client	: Day Environmental, Inc.	**Lab Number**	: L2231820
Project Name	: SOLEPOXY	**Project Number**	: SOLEPO.4884S-13
Instrument ID	: ICPMSQ2		

	Initial Calibration Blank		Continuing Calibration Blank(s)						Preparation Blank	
Lab ID :			R1584211-18		R1584211-20		R1584211-22			
Date Analyzed :			07/07/22 20:50		07/07/22 22:01		07/07/22 23:05			
Parameter	ug/l	Q	ug/l	Q	ug/l	Q	ug/l	Q		Q
Aluminum			9.35	J	9.28	J	8.83	J		
Antimony			0.429	U	0.429	U	0.429	U		
Arsenic			0.165	U	0.165	U	0.169	J		
Barium			0.173	U	0.173	U	0.173	U		
Beryllium			0.107	U	0.107	U	0.107	U		
Cadmium			0.0599	U	0.0599	U	0.0599	U		
Calcium			40.1	J	39.4	U	39.4	U		
Chromium			0.178	U	0.178	U	0.178	U		
Cobalt			0.163	U	0.163	U	0.163	U		
Copper			0.384	U	0.384	U	0.384	U		
Iron			28.2	J	26.8	J	28.5	J		
Lead			0.343	U	0.343	U	0.343	U		
Magnesium			24.2	U	24.2	U	24.2	U		
Manganese			0.440	U	0.440	U	0.440	U		
Nickel			0.556	U	0.556	U	0.556	U		
Potassium			30.9	U	30.9	U	30.9	U		
Selenium			1.73	U	1.73	U	1.73	U		
Silver			0.163	U	0.163	U	0.163	U		
Sodium			29.3	U	29.3	U	29.3	U		
Thallium			1.35		1.41		1.45			
Vanadium			1.57	U	1.57	U	1.57	U		
Zinc			3.41	U	3.41	U	3.41	U		

Form 1
METALS

Client	: Day Environmental, Inc.	**Lab Number**	: L2231820
Project Name	: SOLEPOXY	**Project Number**	: SOLEPO.4884S-13
Lab ID	: L2231820-01	**Date Collected**	: 06/14/22 09:10
Client ID	: MW-C/20220614	**Date Received**	: 06/15/22
Sample Location	: 202 FRANKLIN ST. OLEAN NY	**Date Analyzed**	: 07/05/22 23:25
Sample Matrix	: WATER	**Dilution Factor**	: 1
Analytical Method	: 1,7470A	**Analyst**	: AW
Lab File ID	: WG1658723.pdf	**Instrument ID**	: NIC3
Sample Amount	: 25ml	**%Solids**	: N/A
Digestion Method	: EPA 7470A	**Date Digested**	: 06/28/22

		mg/l			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
7439-97-6	Mercury, Total	ND	0.00020	0.00009	U

Form 1
METALS

Client	: Day Environmental, Inc.	**Lab Number**	: L2231820
Project Name	: SOLEPOXY	**Project Number**	: SOLEPO.4884S-13
Lab ID	: L2231820-02	**Date Collected**	: 06/14/22 10:05
Client ID	: MW-D/20220614	**Date Received**	: 06/15/22
Sample Location	: 202 FRANKLIN ST. OLEAN NY	**Date Analyzed**	: 07/05/22 23:35
Sample Matrix	: WATER	**Dilution Factor**	: 1
Analytical Method	: 1,7470A	**Analyst**	: AW
Lab File ID	: WG1658723.pdf	**Instrument ID**	: NIC3
Sample Amount	: 25ml	**%Solids**	: N/A
Digestion Method	: EPA 7470A	**Date Digested**	: 06/28/22

		mg/l			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
7439-97-6	Mercury, Total	ND	0.00020	0.00009	U

Form 1
METALS

Client	: Day Environmental, Inc.	**Lab Number**	: L2231820
Project Name	: SOLEPOXY	**Project Number**	: SOLEPO.4884S-13
Lab ID	: L2231820-03	**Date Collected**	: 06/14/22 11:04
Client ID	: MW-B/20220614	**Date Received**	: 06/15/22
Sample Location	: 202 FRANKLIN ST. OLEAN NY	**Date Analyzed**	: 07/05/22 23:38
Sample Matrix	: WATER	**Dilution Factor**	: 1
Analytical Method	: 1,7470A	**Analyst**	: AW
Lab File ID	: WG1658723.pdf	**Instrument ID**	: NIC3
Sample Amount	: 25ml	**%Solids**	: N/A
Digestion Method	: EPA 7470A	**Date Digested**	: 06/28/22

		mg/l			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
7439-97-6	Mercury, Total	ND	0.00020	0.00009	U

Form 1
METALS

Client	: Day Environmental, Inc.	**Lab Number**	: L2231820
Project Name	: SOLEPOXY	**Project Number**	: SOLEPO.4884S-13
Lab ID	: L2231820-04	**Date Collected**	: 06/14/22 11:56
Client ID	: MW-E/20220614	**Date Received**	: 06/15/22
Sample Location	: 202 FRANKLIN ST. OLEAN NY	**Date Analyzed**	: 07/05/22 23:48
Sample Matrix	: WATER	**Dilution Factor**	: 1
Analytical Method	: 1,7470A	**Analyst**	: AW
Lab File ID	: WG1658723.pdf	**Instrument ID**	: NIC3
Sample Amount	: 25ml	**%Solids**	: N/A
Digestion Method	: EPA 7470A	**Date Digested**	: 06/28/22

		mg/l			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
7439-97-6	Mercury, Total	ND	0.00020	0.00009	U

Form 1
METALS

Client	: Day Environmental, Inc.	**Lab Number**	: L2231820
Project Name	: SOLEPOXY	**Project Number**	: SOLEPO.4884S-13
Lab ID	: L2231820-05	**Date Collected**	: 06/14/22 13:10
Client ID	: MW-F/20220614	**Date Received**	: 06/15/22
Sample Location	: 202 FRANKLIN ST. OLEAN NY	**Date Analyzed**	: 07/05/22 23:52
Sample Matrix	: WATER	**Dilution Factor**	: 1
Analytical Method	: 1,7470A	**Analyst**	: AW
Lab File ID	: WG1658723.pdf	**Instrument ID**	: NIC3
Sample Amount	: 25ml	**%Solids**	: N/A
Digestion Method	: EPA 7470A	**Date Digested**	: 06/28/22

		mg/l			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
7439-97-6	Mercury, Total	ND	0.00020	0.00009	U

Form 1
METALS

Client	: Day Environmental, Inc.	**Lab Number**	: L2231820
Project Name	: SOLEPOXY	**Project Number**	: SOLEPO.4884S-13
Lab ID	: L2231820-06	**Date Collected**	: 06/14/22 14:18
Client ID	: MW-G/20220614	**Date Received**	: 06/15/22
Sample Location	: 202 FRANKLIN ST. OLEAN NY	**Date Analyzed**	: 07/05/22 23:55
Sample Matrix	: WATER	**Dilution Factor**	: 1
Analytical Method	: 1,7470A	**Analyst**	: AW
Lab File ID	: WG1658723.pdf	**Instrument ID**	: NIC3
Sample Amount	: 25ml	**%Solids**	: N/A
Digestion Method	: EPA 7470A	**Date Digested**	: 06/28/22

		mg/l			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
7439-97-6	Mercury, Total	ND	0.00020	0.00009	U

Form 1
METALS

Client	: Day Environmental, Inc.	**Lab Number**	: L2231820
Project Name	: SOLEPOXY	**Project Number**	: SOLEPO.4884S-13
Lab ID	: L2231820-07	**Date Collected**	: 06/14/22 15:26
Client ID	: MW-A/20220614	**Date Received**	: 06/15/22
Sample Location	: 202 FRANKLIN ST. OLEAN NY	**Date Analyzed**	: 07/05/22 23:58
Sample Matrix	: WATER	**Dilution Factor**	: 1
Analytical Method	: 1,7470A	**Analyst**	: AW
Lab File ID	: WG1658723.pdf	**Instrument ID**	: NIC3
Sample Amount	: 25ml	**%Solids**	: N/A
Digestion Method	: EPA 7470A	**Date Digested**	: 06/28/22

		mg/l			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
7439-97-6	Mercury, Total	ND	0.00020	0.00009	U

Form 1
METALS

Client	: Day Environmental, Inc.	**Lab Number**	: L2231820
Project Name	: SOLEPOXY	**Project Number**	: SOLEPO.4884S-13
Lab ID	: L2231820-08	**Date Collected**	: 06/14/22 15:30
Client ID	: EB-1/20220614	**Date Received**	: 06/15/22
Sample Location	: 202 FRANKLIN ST. OLEAN NY	**Date Analyzed**	: 07/06/22 00:02
Sample Matrix	: WATER	**Dilution Factor**	: 1
Analytical Method	: 1,7470A	**Analyst**	: AW
Lab File ID	: WG1658723.pdf	**Instrument ID**	: NIC3
Sample Amount	: 25ml	**%Solids**	: N/A
Digestion Method	: EPA 7470A	**Date Digested**	: 06/28/22

		mg/l			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
7439-97-6	Mercury, Total	ND	0.00020	0.00009	U

Form 1
METALS

Client	: Day Environmental, Inc.	**Lab Number**	: L2231820
Project Name	: SOLEPOXY	**Project Number**	: SOLEPO.4884S-13
Lab ID	: WG1656426-1	**Date Collected**	: NA
Client ID	: WG1656426-1BLANK	**Date Received**	: NA
Sample Location	:	**Date Analyzed**	: 07/05/22 23:19
Sample Matrix	: WATER	**Dilution Factor**	: 1
Analytical Method	: 1,7470A	**Analyst**	: AW
Lab File ID	: WG1658723.pdf	**Instrument ID**	: NIC3
Sample Amount	: 25ml	**%Solids**	: N/A
Digestion Method	: EPA 7470A	**Date Digested**	: 06/28/22

		mg/l			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
7439-97-6	Mercury, Total	ND	0.00020	0.00009	U