Environmental Advantage

Environmental Advantage, Inc. 3636 N. Buffalo Road Orchard Park, New York 14127
Industrial Compliance, Hazardous Materials Management, Site Assessment/Remediation

July 15, 2022

Paul Bliss, Owner
Bliss Construction
6790 Main Street, Suite 100
Williamsville, New York 14221

Via email: pbliss@blissco.net

Re: **Focused Phase II Environmental Site Assessment;**
Commercial Property, 4780 Sheridan Drive, Amherst, NY
EA Project No: EA2119

Dear Mr. Bliss:

Please find attached one electronic copy of the final report for a focused Phase II Environmental Site Assessment (ESA) completed at the above-referenced site. The Phase II ESA was completed in accordance with our agreement signed on June 17, 2022. The attached report, as noted therein, has been prepared in general accordance with the ASTM Standard E1903-19.

Information accumulated for this assessment will be retained with your project file. The report and information in your file is considered confidential and will not be released without your written authorization.

If you have any questions concerning the information present in the report, please contact me directly. Thank you for the opportunity to provide these site assessment services.

Very truly yours,
ENVIRONMENTAL ADVANTAGE, INC.

C. Mark Hanna, CHMM
President

Attachment

FOCUSED PHASE II ENVIRONMENTAL SITE ASSESSMENT

Commercial Property
4780 Sheridan Drive
Amherst, New York 14221

Prepared For:
Bliss Construction
6790 Main Street, Suite 100
Williamsville, New York 14221
EA Project No: EA2119

Prepared By:
Environmental Advantage, Inc.
3636 North Buffalo Road
Orchard Park, New York 14127
(716) 667-3130

C. Mark Hanna, CHMM
President

July 15, 2022

Environmental Advantage

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4780 Sheridan Drive
Amherst, New York 14221

1.0 INTRODUCTION

1.1 Background

In accordance with the executed agreement, dated June 17, 2022, Environmental Advantage (EA) completed a Focused Phase II Environmental Site Assessment (ESA) of the above-referenced property (hereinafter "subject site") for Bliss Construction (hereinafter "Client"). The Phase II ESA includes Figures in Attachment A; Manual Test Pit logs in Attachment B; analytical summary tables and laboratory analytical report in Attachment C; and objectives & limitations in Attachment D.

This report is an instrument of service of EA and reflects the purpose of this investigation to acquire and evaluate information sufficient to achieve the objectives set forth in this document. The identified statement of objectives and developed scope of work for this study, investigative activities and interpretation of results were completed in general conformance with the American Society for Testing and Materials (ASTM) Standard E 1903-19. This practice is intended for use in any situation in which a user desires to obtain sound, scientifically valid data concerning actual property conditions, whether or not such data relate to property conditions previously identified as "Recognized Environmental Conditions" (RECs) or data gaps presented in other site-related documents. Recognized Environmental Conditions are defined under the ASTM Standard E1527-13 as " the presence or likely presence of any *hazardous substances* or *petroleum products* in, on, or at a *property*: (*1*) due to release to the environment; (*2*) under conditions indicative of a *release* to the *environment*; or (*3*) under conditions that pose a *material threat* of a future *release* to the *environment* ". "Data Gaps" are defined in ASTM Standard E 1903-19 as "a lack of or inability to obtain information pertinent to the identification of release or likely releases at a property as required by the USEPA 'All Appropriate Inquiries' (AAI) rule despite good faith efforts to gather such information". This ESA was completed by EA in accordance with generally accepted practices of the profession undertaken in similar studies within the same time frame and geographic area, and EA observed that degree of care and skill generally exercised by the profession under similar circumstances and conditions.

This ESA and report have been prepared on behalf of, and for the exclusive use of, EA's Clients solely for its reliance in the environmental assessment of this site. The Clients are the only party to which EA has explained the risks involved and which has been involved in shaping of the scope of services needed to satisfactorily manage those risks, if any, from EA's Clients' point of view. Accordingly, reliance on this report by any other party may involve assumptions whose extent and nature lead to a distorted meaning and impact of the findings and opinions related herein. EA's findings and

opinions related in this report may not be relied upon by any party except EA's Clients. Use of this ESA report by any other party is strictly prohibited, except by authorization in writing from EA's Clients.

1.2 Limitations and Exceptions

The Phase II ESA was conducted using methods and practices developed in general accordance with the American Society for Testing and Materials (ASTM) Standard E 1903-19, and are therefore subject to all of the limitations inherent to that Standard. EA's investigative activities were not intended to provide either a complete characterization of the subject site or a determination regarding the extent of any contaminant migration, but rather, to provide basic information concerning on-site conditions within the specific areas of concern.

EA has endeavored to meet what it believes is the applicable standard of care for the services completed and, in doing so, is obliged to advise its Clients of the Focused Phase II ESA limitations. EA believes that providing information about limitations is essential to help its Clients identify and thereby manage risks. These risks may be able to be mitigated, and possibly eliminated, through additional research or investigation. EA will, upon request, advise its Clients of the additional research opportunities available and the associated costs.

The findings and opinions conveyed via this ESA report are based upon information obtained during the performance of the investigation, and which EA believes is reliable. EA cannot, and does not, warrant the authenticity or reliability of the information sources it has relied upon in the development of the scope of work for this ESA. In those instances where additional services or service enhancements are included in the report as requested or authorized by the Clients, specific limitations attendant to those services are presented in the text of the report.

1.3 Purpose of the Investigation

The purpose of this Focused Phase II ESA was to follow up the results of EA's initial Focused Environmental Site Assessment Brief Summary Letter Report[1] for the Site, dated August 17, 2021, summarized as follows:

"A total of twenty-seven (27) soil/fill samples were submitted for laboratory analysis; SS-001 through SS-026 and DS-001. No semi-volatile organic compounds (SVOCs) or herbicides were detected in any of the shallow subsurface soil samples selected for analysis. Metals analytical test results detected arsenic, copper, and lead at concentrations above their method detection limits in all of the 27 soil/fill samples collected. However, all detections were below their applicable Unrestricted Use Soil Cleanup Objectives (UUSCOs) as presented in the NYSDEC 6 NYCRR Subpart 375-6 Remedial Program Soil Cleanup Objectives[2], except for lead in SS-011 (0-12"). Total

[1] "Focused Environmental Site Assessment; Brief Summary Letter, 4780 Sheridan Drive, Amherst, NY", prepared for Bliss Construction by Environmental Advantage, Inc., (EA) dated August 17, 2021.

[2] NYSDEC 6 NYCRR Subpart 375-6 Remedial Program Soil Cleanup Objectives (SCOs); Table 375-6.8(a) Unrestricted Use SCOs and Table 375-6.8(b): Residential Use SCOs

lead was detected in SS-011 (0-12”) at a concentration of 80.3 parts per million (ppm), which exceeds its UUSCO of 63 ppm; however, that result is well below the Residential Use SCO (RUSCO) of 400 ppm.

Pesticide analytical test results detected eight (8) separate pesticides at concentrations above method detection limits in all five (5) of the soil/fill samples analyzed for total pesticides. All detections were above the applicable UUSCOs but below the RUSCOs as presented in the NYSDEC 6 NYCRR Subpart 375-6 Remedial Program Soil Cleanup Objectives, except for dieldrin in SS-020 (0-12”). Dieldrin was detected in SS-020 (0-12”) at a concentration of 350 ppm, which exceeds its Restricted Residential Use SCO of 200 ppm.

Based on the results of this focused investigation, EA notes that evidence of historical metal-based pesticide use on-site was identified at levels below NYSDEC/NYSDOH unrestricted site use levels with the exception of total lead in SS-011 (0-12”) at 80.3 ppm. Similarly, no organic herbicide residues were detected at any of the five locations analyzed. Evidence of historical organic pesticide use was detected above NYSDEC/NYSDOH unrestricted site use levels in all five samples analyzed, with one sample exhibiting levels above its Restricted Residential Use SCO at the SS-020 (0-12”) sample location.”

1.4 Statement of Objectives

In accordance with ASTM Standard E 1903-19, this Focused Phase II ESA was designed to meet the following objectives:

- Objective 1 – Assess if there has been a release of hazardous substances and/or petroleum products to environmental media within the meaning of CERCLA;

- Objective 2 – Providing information relevant to identifying, defining and evaluating property conditions associated with target analytes that may pose a risk to human health or the environment; and

- Objective 3 – Providing information relevant to evaluating and allocating business environmental risk in transactional and contractual contexts, including transferring, financing and insuring properties and due diligence related thereto.

2.0 SITE CONDITIONS

2.1 Site Description and Features

The subject site includes one parcel, totaling an approximate 4.4 acres of land, located on the north side of Sheridan Avenue approximately 300 feet east of Fleetwood Terrace, in the Town of Amherst, Erie County, New York (Figure 1, Attachment A).

2.2 Physical Setting

The USGS 7.5 minute Topographic Quadrangle Map of Buffalo NE, NY[2] indicates that the subject site's ground surface slopes toward Ellicott Creek located approximately 250 feet south of the subject site. The surface elevation for the subject site is approximately 610 feet above mean sea level. Surface water drainage is anticipated to storm drains located along Sheridan Drive.

2.3 Site History and Land Use

A summary of the most probable site history indicates that the subject site was first developed residentially in 1930. Mr. Rudolph Gleason, owner of the subject site, indicated he purchased the subject site in 1960, at which time the subject site was being utilized as a nursery, occupied by Trenz Nursery. The subject site has been utilized as a nursery since at least the 1950s.

3.0 INVESTIGATIVE ACTIVITIES

3.1 Shallow Subsurface Soil/Fill Sample Collection

Sampling activities were completed using 'round point' shovels to initially expose the shallow subsurface sol profile at each sampling location in order to allow the manual collection of discrete soil/fill samples in an effort to determine if pesticide contaminants related to the conditions of concern described above could be better delineated. All sampling equipment was initially decontaminated before use and between each sample location.

These manually prepared test pits were completed at sixteen (16) on-site sampling locations as depicted in Figures 1 and 2 (Attachment A). These sampling locations were selected throughout the on-site planting areas as additional locations which reflected EA's knowledge of the previous sampling event (July 2021). In several locations where the July 2021 sampling identified elevated pesticide concentrations, the spacing was reduced to determine if the past results could be replicated.

For this event, at each of the manual test pit locations, a grab soil sample was collected from material exposed over depth intervals of approximately 0 to 6 inches or 6 to 12 inches below grade (bg). The soil encountered at each sampling location was visually described from the discrete samples obtained. Upon collection, a portion of each discrete soil/fill sample was screened for the presence of volatile organic compounds (VOCs) using a pre-calibrated portable photo-ionization detector (PID) equipped with an organic vapor meter (OVM). No OVM readings were recorded above background levels (<5ppm) in any of the sixteen test pits completed. Shallow subsurface conditions beneath the overlying mulch topping generally consisted of naturally occurring brown silt, intermixed with varying amounts of fine/medium (f/m) sand and trace gravel from 0 to 12 inches bg. All sample observations and screening results were included on the test pit logs (Attachment B). Upon completing the manual test pits and sample collection, all soil removed was placed back and the area was tamped to approximate its original grade.

Sixteen (16) soil samples were selected from the sample locations for laboratory analysis and placed in appropriate containers, sealed and labeled, preserved by cooling, and handled under chain of custody procedures until receipt by a NYSDEC-approved analytical laboratory. These samples were analyzed for the following analytical parameter Total pesticides via USEPA Method 8081B/3546, as summarized in Table 1 (Attachment C).

4.0 INTERPRETATION OF RESULTS

4.1 Discussion of Laboratory Results

All soil samples submitted for laboratory analysis were selected based upon EA's observations of the soil materials encountered within the manual test pits completed within the apparent historical planting areas. Soil analytical results for these sixteen (16) samples are summarized in Table 2.

Pesticide analytical test results detected fourteen (14) separate pesticides at concentrations above method detection limits in the sixteen (16) soil/fill samples analyzed. Four parameters, identified as 4,4-DDE, 4,4 DDT, dieldren and endrin, were identified above their applicable Unrestricted Use Soil Cleanup Objectives (UUSCOs) within various samples as presented in the NYSDEC's 6 NYCRR Subpart 375-6 Remedial Program Soil Cleanup Objectives[3] guidance document. However, the pesticide dieldrin was also detected above its Residential Use Soil Cleanup Objective (RUSCO) in six (6) of the samples analyzed, identified as MS-052 (0-6"), MS-054 (0-6"), MS-056 (0-6"), MS-060 (0-6"), MS-061 (0-6"), and MS-065 (0-6"). Additionally, dieldrin was detected above its Restricted Residential Use Soil Cleanup Objective (RRUSCO) in four (4) other samples analyzed, identified as MS-058 (0-6"), MS-059 (0-6"), MS-063 (0-6"), and MS-064 (0-6"). The full analytical report is included in Attachment C.

4.2 Summary and Conclusions

Based on the results of this focused investigation, EA suggests that Objectives 1 and 2 as presented above in Section 1.4 were met. Evidence of a release of pesticides was identified based on the analytical results. These data are also relevant to evaluating property conditions associated with target analytes that may pose a risk to human health or the environment, as historical organochloride pesticide contamination on-site was detected above NYSDEC clean-up levels across the site.

Summary of Business Environmental Risk

Based on the results of this focused investigation, EA has more thoroughly delineated the pesticide concentrations within the historical planting areas on-site. The potential impact of the analytical results obtained for this site compared to the current proposed residential use, or restricted residential use (i.e., multi-family homes) must be considered. Based on the results obtained, dieldrin concentrations were identified

[3] NYSDEC 6 NYCRR Subpart 375-6 Remedial Program Soil Cleanup Objectives (SCOs); Table 375-6.8(a) Unrestricted Use SCOs and Table 375-6.8(b): Restricted Use SCOs

above the proposed State's residential use clean-up guidance levels of the site in ten (10) of the sixteen (16) sample locations, with four (4) of those locations being above the higher restricted residential cleanup objectives.

Based on the observed concentrations of dieldrin identified, EA suggests that agency-reportable levels (>1 lb.) have been released to the environment on-site. However, EA can only warrant the site conditions in the specific areas of the site that were investigated, and other areas may be identified with further testing as part of a likely remedial program.

To remedy the existing known site conditions to allow the current proposed use, the potential exists that the surface and shallow subsurface soils will need to be graded or excavated and removed from the site for off-site landfill disposal. The extent to such remediation will depend upon the final use determined for this site.

With respect to this site as it is currently understood, the NYSDEC provides guidance in its 6 NYCRR Part 360 regulations that in the event soil/fill is to be excavated, handled or otherwise encountered on any site due to future redevelopment or other construction activities, any subsurface materials encountered or observed which exhibit evidence of contamination should be properly handled, characterized and, if necessary, disposed in accordance with NYSDEC guidance. EA suggests that soil material encountered on-site in select test pits as described above, if it is to be moved off-site, meets this definition and this soil material will likely require landfill disposal as Part 360 Restricted Use Fill.

Attachment A

Figures

KEY

- Sample submitted for metals analysis – July 2021
- Sample submitted for metals, pesticides, and herbicides analysis – July 2021
- Sample submitted for pesticides– June 2022

ENVIRONMENTAL ADVANTAGE, INC.

Regulatory Compliance – Site Investigations – Facility Inspections

SOUTHERN PORTION SAMPLING PLAN

4780 SHERIDAN DRIVE
AMHERST, NEW YORK

BLISS CONSTRUCTION

WILLIAMSVILLE, NEW YORK

DRAWN BY: TW	SCALE: NOT TO SCALE	PROJECT: EA2119
CHECKED BY: CMH	DATE: 07/2022	FIGURE NO: 1

KEY

- Sample submitted for metals analysis – July 2021
- Sample submitted for metals, pesticides, and herbicides analysis – July 2021
- Sample submitted for metals, pesticides, herbicides, and SVOCs analysis – July 2021
- Sample submitted for pesticides – June 2022

ENVIRONMENTAL ADVANTAGE, INC.

Regulatory Compliance – Site Investigations – Facility Inspections

NORTHERN PORTION SAMPLING PLAN

4780 SHERIDAN DRIVE
AMHERST, NEW YORK

BLISS CONSTRUCTION

WILLIAMSVILLE, NEW YORK

DRAWN BY: TW	SCALE: NOT TO SCALE	PROJECT: EA2119
CHECKED BY: CMH	DATE: 07/2022	FIGURE NO: 2

Attachment B

Manual Test Pit Logs

Environmental Advantage
3636 N. Buffalo Road
Orchard Park, NY 14127
(716) 667-3130

Manual Soil No: MS-050

Project Name & Location: Phase II ESA; 4780 Sheridan Dr. Amherst, NY
EA Representative: E. Betzold
Project Number: EA2119
Start Date: 6/22/2022 End Date: 6/22/2022
Type of Equipment: Shovel
Contractor: Env. Advantage Inc.

Depth (ft)	Sample No.	Sample Interval (feet)	OVM Reading (ppm)	SAMPLE DESCRIPTION
	1	0-0.5	0.0	Brown Silt, Some f/m Sand, tr. Gravel, moist. (FILL)
1				Bottom of Manual Pit 0.5' bg
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Notes:

General Notes:	1 - Boundary between soil types represented with stratification line. Transitions may be gradual. Depths are approximate. 2 - Groundwater (GW) depths approximate at time of test pit completion. Fluctuations in groundwater may occur. 3 - f=fine; m=medium; c=coarse 4 - and (36-50%); some (21-35%); little (11-20%); trace (1-10%)

Environmental Advantage
3636 N. Buffalo Road
Orchard Park, NY 14127
(716) 667-3130

Manual Soil No: MS-051

Project Name & Location: Phase II ESA; 4780 Sheridan Dr. Amherst, NY
EA Representative: E. Betzold
Project Number: EA2119
Start Date: 6/22/2022 End Date: 6/22/2022
Type of Equipment: Shovel
Contractor: Env. Advantage Inc.

Depth (ft)	Sample No.	Sample Interval (feet)	OVM Reading (ppm)	SAMPLE DESCRIPTION
	1	0-1	0.0	Brown Silt, Some f/m Sand, tr. Gravel, moist. (FILL)
			0.0	
1				Bottom of Manual Pit 1.0' bg.
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Environmental Advantage
3636 N. Buffalo Road
Orchard Park, NY 14127
(716) 667-3130

Manual Soil No: MS-052

Project Name & Location: Phase II ESA; 4780 Sheridan Dr. Amherst, NY
EA Representative: E. Betzold
Project Number: EA2119
Start Date: 6/22/2022 End Date: 6/22/2022
Type of Equipment: Shovel
Contractor: Env. Advantage Inc.

Depth (ft)	Sample No.	Sample Interval (feet)	OVM Reading (ppm)	SAMPLE DESCRIPTION
	1	0-0.5	0.0	Brown Silt, Some f/m Sand, tr. Gravel, moist. (FILL)
1				Bottom of Manual Pit 0.5' bg.
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Environmental Advantage
3636 N. Buffalo Road
Orchard Park, NY 14127
(716) 667-3130

Manual Soil No: MS-053

Project Name & Location: Phase II ESA; 4780 Sheridan Dr. Amherst, NY
EA Representative: E. Betzold
Project Number: EA2119
Start Date: 6/22/2022 End Date: 6/22/2022
Type of Equipment: Shovel
Contractor: Env. Advantage Inc.

Depth (ft)	Sample No.	Sample Interval (feet)	OVM Reading (ppm)	SAMPLE DESCRIPTION
	1	0-0.5	0.0	Brown Silt, Some f/m Sand, tr. Gravel, moist. (FILL)
1				Bottom of Manual Pit 0.5' bg.
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Environmental Advantage
3636 N. Buffalo Road
Orchard Park, NY 14127
(716) 667-3130

Manual Soil No: MS-054

Project Name & Location: Phase II ESA; 4780 Sheridan Dr. Amherst, NY
EA Representative: E. Betzold
Project Number: EA2119
Start Date: 6/22/2022 End Date: 6/22/2022
Type of Equipment: Shovel
Contractor: Env. Advantage Inc.

Depth (ft)	Sample No.	Sample Interval (feet)	OVM Reading (ppm)	SAMPLE DESCRIPTION
	1	0-0.5	0.0	Brown Silt, Some f/m Sand, tr. Gravel and Roots, moist. (FILL)
1				Bottom of Manual Pit 0.5' bg.
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Environmental Advantage
3636 N. Buffalo Road
Orchard Park, NY 14127
(716) 667-3130

Manual Soil No: MS-055

Project Name & Location: Phase II ESA; 4780 Sheridan Dr. Amherst, NY
EA Representative: E. Betzold
Project Number: EA2119
Start Date: 6/22/2022 End Date: 6/22/2022
Type of Equipment: Shovel
Contractor: Env. Advantage Inc.

Depth (ft)	Sample No.	Sample Interval (feet)	OVM Reading (ppm)	SAMPLE DESCRIPTION
	1	0-1.0	0.0	Brown Silt, Some f/m Sand, tr. Gravel and Roots, moist. (FILL)
1			0.0	
				Bottom of Manual Pit 1.0' bg.
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Environmental Advantage
3636 N. Buffalo Road
Orchard Park, NY 14127
(716) 667-3130

Manual Soil No: MS-056

Project Name & Location: Phase II ESA; 4780 Sheridan Dr. Amherst, NY
EA Representative: E. Betzold
Project Number: EA2119
Start Date: 6/22/2022 End Date: 6/22/2022
Type of Equipment: Shovel
Contractor: Env. Advantage Inc.

Depth (ft)	Sample No.	Sample Interval (feet)	OVM Reading (ppm)	SAMPLE DESCRIPTION
	1	0-0.5	0.0	Brown Silt, Some f/m Sand, tr. Gravel, moist. (FILL)
1				Bottom of Manual Pit 0.5' bg.
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Environmental Advantage
3636 N. Buffalo Road
Orchard Park, NY 14127
(716) 667-3130

Manual Soil No: MS-057

Project Name & Location: Phase II ESA; 4780 Sheridan Dr. Amherst, NY
EA Representative: E. Betzold
Project Number: EA2119
Start Date: 6/22/2022 End Date: 6/22/2022
Type of Equipment: Shovel
Contractor: Env. Advantage Inc.

Depth (ft)	Sample No.	Sample Interval (feet)	OVM Reading (ppm)	SAMPLE DESCRIPTION
	1	0-1.0	0.0	Brown Silt, Some f/m Sand, tr. Gravel and Roots, moist. (FILL)
1			0.0	
				Bottom of Manual Pit 1.0' bg.
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Environmental Advantage
3636 N. Buffalo Road
Orchard Park, NY 14127
(716) 667-3130

Manual Soil No: MS-058

Project Name & Location: Phase II ESA; 4780 Sheridan Dr. Amherst, NY
EA Representative: E. Betzold
Project Number: EA2119
Start Date: 6/22/2022 End Date: 6/22/2022
Type of Equipment: Shovel
Contractor: Env. Advantage Inc.

Depth (ft)	Sample No.	Sample Interval (feet)	OVM Reading (ppm)	SAMPLE DESCRIPTION
	1	0-0.5	0.0	Brown Silt, Some f/m Sand, tr. Gravel, moist. (FILL)
1				Bottom of Manual Pit 0.5' bg.
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General Notes:

1 - Boundary between soil types represented with stratification line. Transitions may be gradual. Depths are approximate.
2 - Groundwater (GW) depths approximate at time of test pit completion. Fluctuations in groundwater may occur.
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4 - and (36-50%); some (21-35%); little (11-20%); trace (1-10%)

Environmental Advantage
3636 N. Buffalo Road
Orchard Park, NY 14127
(716) 667-3130

Manual Soil No: MS-059

Project Name & Location: Phase II ESA; 4780 Sheridan Dr. Amherst, NY
EA Representative: E. Betzold
Project Number: EA2119
Start Date: 6/22/2022 End Date: 6/22/2022
Type of Equipment: Shovel
Contractor: Env. Advantage Inc.

Depth (ft)	Sample No.	Sample Interval (feet)	OVM Reading (ppm)	SAMPLE DESCRIPTION
	1	0-0.5	0.0	Brown Silt, Some f/m Sand, tr. Gravel, moist. (FILL)
1				Bottom of Manual Pit 0.5' bg.
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General Notes:

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Environmental Advantage
3636 N. Buffalo Road
Orchard Park, NY 14127
(716) 667-3130

Manual Soil No: MS-060

Project Name & Location: Phase II ESA; 4780 Sheridan Dr. Amherst, NY
EA Representative: E. Betzold
Project Number: EA2119
Start Date: 6/22/2022 End Date: 6/22/2022
Type of Equipment: Shovel
Contractor: Env. Advantage Inc.

Depth (ft)	Sample No.	Sample Interval (feet)	OVM Reading (ppm)	SAMPLE DESCRIPTION
	1	0-0.5	0.0	Brown Silt, Some f/m Sand, tr. Gravel, moist. (FILL)
1				Bottom of Manual Pit 0.5' bg.
2				
3				
4				
5				
6				
7				
8				
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12				
13				
14				
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16				
17				
18				

Notes:

General Notes:

1 - Boundary between soil types represented with stratification line. Transitions may be gradual. Depths are approximate.
2 - Groundwater (GW) depths approximate at time of test pit completion. Fluctuations in groundwater may occur.
3 - f=fine; m=medium; c=coarse
4 - and (36-50%); some (21-35%); little (11-20%); trace (1-10%)

Environmental Advantage
3636 N. Buffalo Road
Orchard Park, NY 14127
(716) 667-3130

Manual Soil No: MS-057

Project Name & Location: Phase II ESA; 4780 Sheridan Dr. Amherst, NY
EA Representative: E. Betzold
Project Number: EA2119
Start Date: 6/22/2022 End Date: 6/22/2022
Type of Equipment: Shovel
Contractor: Env. Advantage Inc.

Depth (ft)	Sample No.	Sample Interval (feet)	OVM Reading (ppm)	SAMPLE DESCRIPTION
	1	0-1.0	0.0	Brown Silt, Some f/m Sand, tr. Gravel and Roots, moist. (FILL)
1			0.0	
				Bottom of Manual Pit 1.0' bg.
2				
3				
4				
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17				
18				

Notes:

General Notes:	1 - Boundary between soil types represented with stratification line. Transitions may be gradual. Depths are approximate. 2 - Groundwater (GW) depths approximate at time of test pit completion. Fluctuations in groundwater may occur. 3 - f=fine; m=medium; c=coarse 4 - and (36-50%); some (21-35%); little (11-20%); trace (1-10%)

Environmental Advantage
3636 N. Buffalo Road
Orchard Park, NY 14127
(716) 667-3130

Manual Soil No: MS-062

Project Name & Location: Phase II ESA; 4780 Sheridan Dr. Amherst, NY
EA Representative: E. Betzold
Project Number: EA2119
Start Date: 6/22/2022 End Date: 6/22/2022
Type of Equipment: Shovel
Contractor: Env. Advantage Inc.

Depth (ft)	Sample No.	Sample Interval (feet)	OVM Reading (ppm)	SAMPLE DESCRIPTION
	1	0-0.5	0.0	Brown Silt, Some f/m Sand, little Gravel, moist. (FILL)
1				Bottom of Manual Pit 0.5' bg.
2				
3				
4				
5				
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11				
12				
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14				
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17				
18				

Notes:

General Notes:	
	1 - Boundary between soil types represented with stratification line. Transitions may be gradual. Depths are approximate.
	2 - Groundwater (GW) depths approximate at time of test pit completion. Fluctuations in groundwater may occur.
	3 - f=fine; m=medium; c=coarse
	4 - and (36-50%); some (21-35%); little (11-20%); trace (1-10%)

Environmental Advantage
3636 N. Buffalo Road
Orchard Park, NY 14127
(716) 667-3130

Manual Soil No: MS-063

Project Name & Location: Phase II ESA; 4780 Sheridan Dr. Amherst, NY
EA Representative: E. Betzold
Project Number: EA2119
Start Date: 6/22/2022 End Date: 6/22/2022
Type of Equipment: Shovel
Contractor: Env. Advantage Inc.

Depth (ft)	Sample No.	Sample Interval (feet)	OVM Reading (ppm)	SAMPLE DESCRIPTION
	1	0-0.5	0.0	Brown Silt, Some f/m Sand, tr. Gravel, moist. (FILL)
1				Bottom of Manual Pit 0.5' bg.
2				
3				
4				
5				
6				
7				
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Notes:

General Notes:

1 - Boundary between soil types represented with stratification line. Transitions may be gradual. Depths are approximate.
2 - Groundwater (GW) depths approximate at time of test pit completion. Fluctuations in groundwater may occur.
3 - f=fine; m=medium; c=coarse
4 - and (36-50%); some (21-35%); little (11-20%); trace (1-10%)

Environmental Advantage
3636 N. Buffalo Road
Orchard Park, NY 14127
(716) 667-3130

Manual Soil No: MS-064

Project Name & Location: Phase II ESA; 4780 Sheridan Dr. Amherst, NY
EA Representative: E. Betzold
Project Number: EA2119
Start Date: 6/22/2022 End Date: 6/22/2022
Type of Equipment: Shovel
Contractor: Env. Advantage Inc.

Depth (ft)	Sample No.	Sample Interval (feet)	OVM Reading (ppm)	SAMPLE DESCRIPTION
	1	0-0.5	0.0	Brown Silt, Some f/m Sand, tr. Gravel, moist. (FILL)
1				Bottom of Manual Pit 0.5' bg.
2				
3				
4				
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14				
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16				
17				
18				

Notes:

General Notes:

1 - Boundary between soil types represented with stratification line. Transitions may be gradual. Depths are approximate.
2 - Groundwater (GW) depths approximate at time of test pit completion. Fluctuations in groundwater may occur.
3 - f=fine; m=medium; c=coarse
4 - and (36-50%); some (21-35%); little (11-20%); trace (1-10%)

Environmental Advantage
3636 N. Buffalo Road
Orchard Park, NY 14127
(716) 667-3130

Manual Soil No: MS-064

Project Name & Location: Phase II ESA; 4780 Sheridan Dr. Amherst, NY
EA Representative: E. Betzold
Project Number: EA2119
Start Date: 6/22/2022 End Date: 6/22/2022
Type of Equipment: Shovel
Contractor: Env. Advantage Inc.

Depth (ft)	Sample No.	Sample Interval (feet)	OVM Reading (ppm)	SAMPLE DESCRIPTION
	1	0-1.0	0.0	Brown Silt, Some f/m Sand, tr. Gravel and Wood Fiber, moist. (FILL)
1				
				Bottom of Manual Pit 0.5' bg.
2				
3				
4				
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18				

Notes:

General Notes:

1 - Boundary between soil types represented with stratification line. Transitions may be gradual. Depths are approximate.
2 - Groundwater (GW) depths approximate at time of test pit completion. Fluctuations in groundwater may occur.
3 - f=fine; m=medium; c=coarse
4 - and (36-50%); some (21-35%); little (11-20%); trace (1-10%)

Attachment C

Analytical Summary Tables
and
Laboratory Analytical Report

Table 1
Analytical Sample Summary Table
4780 Sheridan Drive, Amherst NY

Location	Depth	Total Pesticides EPA Method 8081B/3546	Selection
Soil Samples			
MS-050	0-6"	X	Southern portion; apparent former planting area.
MS-051	6-12"	X	Southern portion; apparent former planting area.
MS-052	0-6"	X	Southern portion; near SS-006 location (elevated pesticide concentrations; July 2021)
MS-053	0-6"	X	Southern portion; apparent former planting area.
MS-054	0-6"	X	Northern portion; apparent former planting area.
MS-055	6-12"	X	Northern portion; near SS-012 location (elevated dieldrin concentration; July 2021)
MS-056	0-6"	X	Northern Portion; Near SS-020 location (elevated dieldrin concentration; July 2021)
MS-057	6-12"	X	Northern portion; apparent former planting area.
MS-058	0-6"	X	Northern Portion; near SS-020 location (elevated dieldrin concentration; July 2021)
MS-059	0-6"	X	Northern Portion; near SS-020 location (elevated dieldrin concentration; July 2021)
MS-060	0-6"	X	Northern Portion; near SS-025 location (elevated pesticide concentrations; July 2021)
MS-061	6-12"	X	Northern portion; apparent former planting area.
MS-062	0-6"	X	Northern portion; apparent former planting area.
MS-063	0-6"	X	Northern portion; apparent former planting area.
MS-064	0-6"	X	Northern portion; apparent former planting area.
MS-065	6-12"	X	Northern portion; apparent former planting area.

Table 2
Soil Analytical Summary Results
4780 Sheridan Drive, Amherst NY

Location	UUSCO	RUSCO	RRUSCO	MS-050 (0-6")	MS-051 (6-12")	MS-052 (0-6")	MS-053 (0-6")	MS-054 (0-6")	MS-055 (6-12")	MS-056 (0-6")	MS-057 (6-12")	MS-058 (0-6")	MS-059 (0-6")	MS-060 (0-6")	MS-061 (0-6")	MS-062 (0-6")	MS-063 (0-6")	MS-064 (0-6")	MS-065 (6-12")
Sampling Date				6/22/2022	6/22/2022	6/22/2022	6/22/2022	6/22/2022	6/22/2022	6/22/2022	6/22/2022	6/22/2022	6/22/2022	6/22/2022	6/22/2022	6/22/2022	6/22/2022	6/22/2022	6/22/2022
Lab Sample ID				L2233232-01	L2233232-02	L2233232-03	L2233232-04	L2233232-08	L2233232-09	L2233232-10	L2233232-15	L2233232-11	L2233232-13	L2233232-16	L2233232-17	L2233232-18	L2233232-12	L2233232-14	L2233232-07
Pesticides Analysis via EPA Method 8081B / 3546 (ug/kg)																			
4,4'-DDD	3.3	2,600	13,000	ND	ND	ND	ND	ND	1.11 J	ND	ND	ND	1.28 J	ND	ND	0.757 J	ND	0.807 JP	2.26
4,4'-DDE	3.3	1,800	8,900	14.3	9.3	27.2	8.3	10.1	20.7	7.23	6.56	15.1	45	13.2	16.9	34.8	25.7	19.1	40.9
4,4'-DDT	3.3	1,700	7,900	6.1	5.86 P	11.9	1.53 J	3.91 IP	7.09 IP	2.48	2.46	2.46	11.9	2.98	4.03	14.7	6.81	9.38	6.34 IP
Aldrin	5	19	97	ND	ND	ND	ND	ND	ND	ND	ND	ND	1.13 J	ND	ND	ND	0.666 J	ND	ND
Chlordane	NV	NV	NV	ND	ND	29 IP	ND	ND	ND	ND	ND	ND	64.7 IP	ND	ND	ND	ND	ND	ND
Cis-Chlordane (alpha)	94	910	4,200	4.98 P	11.5 P	15.5	ND	ND	ND	ND	ND	5.8	31.9	2.96 IP	2.24 IP	1.56 JIP	5.04 IP	5.54	ND
Dieldrin	5	39	200	11.5	22.9	59.6	2.62	40	8.56	122	5.91	772	1700	194	136	18.3	704	357	83.9
Endosulfan sulfate	2,400	4,800	24,000	ND	ND	ND	ND	ND	ND	ND	0.494 J	ND	ND	ND	ND	ND	ND	ND	0.816
Endrin	14	2,200	11,000	ND	ND	0.384 JIP	ND	ND	ND	0.494 JP	ND	8.57	17.4	2.95 P	0.77 IP	ND	8.82	2.64	ND
Endrin ketone	NV	NV	NV	ND	ND	ND	ND	ND	ND	ND	ND	5.44	8.08	ND	ND	ND	5.27	1.58 J	ND
Heptachlor epoxide	NV	NV	NV	ND	ND	1.71 JIP	ND	ND	ND	ND	ND	ND	3.3 JIP	ND	ND	ND	ND U	ND	1.18 J
Methoxychlor	NV	NV	NV	ND	ND	14.4 IP	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	3.39 U	ND	ND
Toxaphene	NV	NV	NV	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	64.7 P	33.9 U	ND	ND
trans-Chlordane	NV	NV	NV	2.01 J	8.32	6.19	ND	1.55 JIP	1.18 JIP	1.3 J	0.923 J	3.14	17.5	2.3	1.73 J	0.952 JIP	5.51 P	2.21	3.61

Notes:

1. Analytical testing performed by Alpha Analytical. Compounds detected in one or more samples are presented in this table. Refer to Appendix for the full analytical report.
2. ug/kg = parts per billion.
3. ND = not detected; NT = not tested; NV = no value.
4. Analytical results compared to NYSDEC 6 NYCRR Subpart 375-6 Remedial Program Soil Cleanup Objectives (SCOs); Table 375-6.8(a) Unrestricted Use SCOs and Table 375-6.8(b): Restricted Use SCOs.
5. I = The lower value for the two columns has been reported due to obvious interference.
6. 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 Identified Compounds (TICs).
7. P = The RPD between the results for the two columns exceeds the method-specified criteria.
8. Shading indicates: exceeds UUSCO - Unrestriced Use Soil Cleanup Objective
   exceeds RUSCO - Residential Use Soil Cleanup Objective
   exceeds RRUSCO - Restricted Residential Use Soil Cleanup Objective

Environmental Advantage

ANALYTICAL REPORT

Lab Number:	L2233232
Client:	Environmental Advantage, Inc. 3636 North Buffalo Road Orchard Park, NY 14127
ATTN:	Mark Hanna
Phone:	(716) 667-3130
Project Name:	FOCUSED PHASE II ESA
Project Number:	EA2119
Report Date:	07/07/22

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: FOCUSED PHASE II ESA
Project Number: EA2119

Lab Number: L2233232
Report Date: 07/07/22

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L2233232-01	MS-050 (0-6")	SOIL	4780 SHERIDAN DR. AMHERST, NY	06/22/22 08:15	06/22/22
L2233232-02	MS-051 (6-12")	SOIL	4780 SHERIDAN DR. AMHERST, NY	06/22/22 08:25	06/22/22
L2233232-03	MS-052 (0-6")	SOIL	4780 SHERIDAN DR. AMHERST, NY	06/22/22 08:35	06/22/22
L2233232-04	MS-053 (0-6")	SOIL	4780 SHERIDAN DR. AMHERST, NY	06/22/22 08:50	06/22/22
L2233232-05	MS-066 (0-6")	SOIL	4780 SHERIDAN DR. AMHERST, NY	06/22/22 10:00	06/22/22
L2233232-06	MS-067 (6-12")	SOIL	4780 SHERIDAN DR. AMHERST, NY	06/22/22 10:05	06/22/22
L2233232-07	MS-065 (6-12")	SOIL	4780 SHERIDAN DR. AMHERST, NY	06/22/22 10:10	06/22/22
L2233232-08	MS-054 (0-6")	SOIL	4780 SHERIDAN DR. AMHERST, NY	06/22/22 10:15	06/22/22
L2233232-09	MS-055 (6-12")	SOIL	4780 SHERIDAN DR. AMHERST, NY	06/22/22 10:20	06/22/22
L2233232-10	MS-056 (0-6")	SOIL	4780 SHERIDAN DR. AMHERST, NY	06/22/22 10:25	06/22/22
L2233232-11	MS-058 (0-6")	SOIL	4780 SHERIDAN DR. AMHERST, NY	06/22/22 10:30	06/22/22
L2233232-12	MS-063 (0-6")	SOIL	4780 SHERIDAN DR. AMHERST, NY	06/22/22 10:35	06/22/22
L2233232-13	MS-059 (0-6")	SOIL	4780 SHERIDAN DR. AMHERST, NY	06/22/22 11:45	06/22/22
L2233232-14	MS-064 (0-6")	SOIL	4780 SHERIDAN DR. AMHERST, NY	06/22/22 11:50	06/22/22
L2233232-15	MS-057 (6-12")	SOIL	4780 SHERIDAN DR. AMHERST, NY	06/22/22 11:55	06/22/22
L2233232-16	MS-060 (0-6")	SOIL	4780 SHERIDAN DR. AMHERST, NY	06/22/22 12:00	06/22/22
L2233232-17	MS-061 (6-12")	SOIL	4780 SHERIDAN DR. AMHERST, NY	06/22/22 12:10	06/22/22
L2233232-18	MS-062 (0-6")	SOIL	4780 SHERIDAN DR. AMHERST, NY	06/22/22 12:15	06/22/22

Project Name:	FOCUSED PHASE II ESA	**Lab Number:**	L2233232
Project Number:	EA2119	**Report Date:**	07/07/22

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:	FOCUSED PHASE II ESA	**Lab Number:**	L2233232
Project Number:	EA2119	**Report Date:**	07/07/22

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.

Sample Receipt

The analyses performed were specified by the client.

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: 07/07/22

ORGANICS

PESTICIDES

Project Name: FOCUSED PHASE II ESA
Lab Number: L2233232
Project Number: EA2119
Report Date: 07/07/22

SAMPLE RESULTS

Lab ID: L2233232-01
Client ID: MS-050 (0-6")
Sample Location: 4780 SHERIDAN DR. AMHERST, NY

Date Collected: 06/22/22 08:15
Date Received: 06/22/22
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 06/28/22 13:28
Analyst: MMG
Percent Solids: 92%

Extraction Method: EPA 3546
Extraction Date: 06/27/22 19:42
Cleanup Method: EPA 3620B
Cleanup Date: 06/28/22

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.66	0.326	1	A
Lindane	ND		ug/kg	0.694	0.310	1	A
Alpha-BHC	ND		ug/kg	0.694	0.197	1	A
Beta-BHC	ND		ug/kg	1.66	0.631	1	A
Heptachlor	ND		ug/kg	0.832	0.373	1	A
Aldrin	ND		ug/kg	1.66	0.586	1	A
Heptachlor epoxide	ND		ug/kg	3.12	0.936	1	A
Endrin	ND		ug/kg	0.694	0.284	1	A
Endrin aldehyde	ND		ug/kg	2.08	0.728	1	A
Endrin ketone	ND		ug/kg	1.66	0.429	1	A
Dieldrin	11.5		ug/kg	1.04	0.520	1	B
4,4'-DDE	14.3		ug/kg	1.66	0.385	1	B
4,4'-DDD	ND		ug/kg	1.66	0.594	1	A
4,4'-DDT	6.10		ug/kg	1.66	1.34	1	B
Endosulfan I	ND		ug/kg	1.66	0.393	1	A
Endosulfan II	ND		ug/kg	1.66	0.556	1	A
Endosulfan sulfate	ND		ug/kg	0.694	0.330	1	A
Methoxychlor	ND		ug/kg	3.12	0.971	1	A
Toxaphene	ND		ug/kg	31.2	8.74	1	A
cis-Chlordane	4.98	P	ug/kg	2.08	0.580	1	A
trans-Chlordane	2.01	J	ug/kg	2.08	0.549	1	B
Chlordane	ND		ug/kg	13.9	5.52	1	A

Project Name: FOCUSED PHASE II ESA **Lab Number:** L2233232

Project Number: EA2119 **Report Date:** 07/07/22

SAMPLE RESULTS

Lab ID: L2233232-01 Date Collected: 06/22/22 08:15

Client ID: MS-050 (0-6") Date Received: 06/22/22

Sample Location: 4780 SHERIDAN DR. AMHERST, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	56		30-150	A
Decachlorobiphenyl	74		30-150	A
2,4,5,6-Tetrachloro-m-xylene	55		30-150	B
Decachlorobiphenyl	90		30-150	B

Project Name: FOCUSED PHASE II ESA
Project Number: EA2119
Lab Number: L2233232
Report Date: 07/07/22

SAMPLE RESULTS

Lab ID: L2233232-02
Client ID: MS-051 (6-12")
Sample Location: 4780 SHERIDAN DR. AMHERST, NY

Date Collected: 06/22/22 08:25
Date Received: 06/22/22
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 06/28/22 13:39
Analyst: MMG
Percent Solids: 90%

Extraction Method: EPA 3546
Extraction Date: 06/27/22 19:42
Cleanup Method: EPA 3620B
Cleanup Date: 06/28/22

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.73	0.339	1	A
Lindane	ND		ug/kg	0.721	0.322	1	A
Alpha-BHC	ND		ug/kg	0.721	0.205	1	A
Beta-BHC	ND		ug/kg	1.73	0.656	1	A
Heptachlor	ND		ug/kg	0.865	0.388	1	A
Aldrin	ND		ug/kg	1.73	0.609	1	A
Heptachlor epoxide	ND		ug/kg	3.24	0.973	1	A
Endrin	ND		ug/kg	0.721	0.296	1	A
Endrin aldehyde	ND		ug/kg	2.16	0.757	1	A
Endrin ketone	ND		ug/kg	1.73	0.446	1	A
Dieldrin	22.9		ug/kg	1.08	0.541	1	B
4,4'-DDE	9.30		ug/kg	1.73	0.400	1	B
4,4'-DDD	ND		ug/kg	1.73	0.617	1	B
4,4'-DDT	5.86	P	ug/kg	1.73	1.39	1	B
Endosulfan I	ND		ug/kg	1.73	0.409	1	A
Endosulfan II	ND		ug/kg	1.73	0.578	1	A
Endosulfan sulfate	ND		ug/kg	0.721	0.343	1	A
Methoxychlor	ND		ug/kg	3.24	1.01	1	A
Toxaphene	ND		ug/kg	32.4	9.08	1	A
cis-Chlordane	11.5	P	ug/kg	2.16	0.603	1	A
trans-Chlordane	8.32		ug/kg	2.16	0.571	1	B
Chlordane	ND		ug/kg	14.4	5.73	1	A

Project Name: FOCUSED PHASE II ESA **Lab Number:** L2233232

Project Number: EA2119 **Report Date:** 07/07/22

SAMPLE RESULTS

Lab ID: L2233232-02 Date Collected: 06/22/22 08:25

Client ID: MS-051 (6-12") Date Received: 06/22/22

Sample Location: 4780 SHERIDAN DR. AMHERST, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	67		30-150	A
Decachlorobiphenyl	85		30-150	A
2,4,5,6-Tetrachloro-m-xylene	67		30-150	B
Decachlorobiphenyl	105		30-150	B

Project Name: FOCUSED PHASE II ESA
Lab Number: L2233232
Project Number: EA2119
Report Date: 07/07/22

SAMPLE RESULTS

Lab ID: L2233232-03
Client ID: MS-052 (0-6")
Sample Location: 4780 SHERIDAN DR. AMHERST, NY

Date Collected: 06/22/22 08:35
Date Received: 06/22/22
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 06/28/22 13:50
Analyst: MMG
Percent Solids: 89%

Extraction Method: EPA 3546
Extraction Date: 06/27/22 19:42
Cleanup Method: EPA 3620B
Cleanup Date: 06/28/22

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.74	0.341	1	A
Lindane	ND		ug/kg	0.726	0.325	1	A
Alpha-BHC	ND		ug/kg	0.726	0.206	1	A
Beta-BHC	ND		ug/kg	1.74	0.661	1	A
Heptachlor	ND		ug/kg	0.872	0.391	1	A
Aldrin	ND		ug/kg	1.74	0.614	1	A
Heptachlor epoxide	1.71	JIP	ug/kg	3.27	0.981	1	B
Endrin	0.384	JIP	ug/kg	0.726	0.298	1	B
Endrin aldehyde	ND		ug/kg	2.18	0.763	1	A
Endrin ketone	ND		ug/kg	1.74	0.449	1	A
Dieldrin	59.6		ug/kg	1.09	0.545	1	B
4,4'-DDE	27.2		ug/kg	1.74	0.403	1	B
4,4'-DDD	ND		ug/kg	1.74	0.622	1	A
4,4'-DDT	11.9		ug/kg	1.74	1.40	1	B
Endosulfan I	ND		ug/kg	1.74	0.412	1	A
Endosulfan II	ND		ug/kg	1.74	0.582	1	A
Endosulfan sulfate	ND		ug/kg	0.726	0.346	1	A
Methoxychlor	14.4	IP	ug/kg	3.27	1.02	1	B
Toxaphene	ND		ug/kg	32.7	9.15	1	A
cis-Chlordane	15.5		ug/kg	2.18	0.607	1	A
trans-Chlordane	6.19		ug/kg	2.18	0.575	1	B
Chlordane	29.0	IP	ug/kg	14.5	5.78	1	A

Project Name: FOCUSED PHASE II ESA **Lab Number:** L2233232

Project Number: EA2119 **Report Date:** 07/07/22

SAMPLE RESULTS

Lab ID: L2233232-03 Date Collected: 06/22/22 08:35

Client ID: MS-052 (0-6") Date Received: 06/22/22

Sample Location: 4780 SHERIDAN DR. AMHERST, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	60		30-150	A
Decachlorobiphenyl	78		30-150	A
2,4,5,6-Tetrachloro-m-xylene	59		30-150	B
Decachlorobiphenyl	97		30-150	B

Project Name: FOCUSED PHASE II ESA
Lab Number: L2233232
Project Number: EA2119
Report Date: 07/07/22

SAMPLE RESULTS

Lab ID: L2233232-04
Client ID: MS-053 (0-6")
Sample Location: 4780 SHERIDAN DR. AMHERST, NY

Date Collected: 06/22/22 08:50
Date Received: 06/22/22
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 06/28/22 14:01
Analyst: MMG
Percent Solids: 91%

Extraction Method: EPA 3546
Extraction Date: 06/27/22 19:42
Cleanup Method: EPA 3620B
Cleanup Date: 06/28/22

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.72	0.337	1	A
Lindane	ND		ug/kg	0.718	0.321	1	A
Alpha-BHC	ND		ug/kg	0.718	0.204	1	A
Beta-BHC	ND		ug/kg	1.72	0.653	1	A
Heptachlor	ND		ug/kg	0.861	0.386	1	A
Aldrin	ND		ug/kg	1.72	0.606	1	A
Heptachlor epoxide	ND		ug/kg	3.23	0.969	1	A
Endrin	ND		ug/kg	0.718	0.294	1	A
Endrin aldehyde	ND		ug/kg	2.15	0.754	1	A
Endrin ketone	ND		ug/kg	1.72	0.444	1	A
Dieldrin	2.62		ug/kg	1.08	0.538	1	B
4,4'-DDE	8.30		ug/kg	1.72	0.398	1	B
4,4'-DDD	ND		ug/kg	1.72	0.614	1	A
4,4'-DDT	1.53	J	ug/kg	1.72	1.38	1	B
Endosulfan I	ND		ug/kg	1.72	0.407	1	A
Endosulfan II	ND		ug/kg	1.72	0.576	1	A
Endosulfan sulfate	ND		ug/kg	0.718	0.342	1	A
Methoxychlor	ND		ug/kg	3.23	1.00	1	A
Toxaphene	ND		ug/kg	32.3	9.04	1	A
cis-Chlordane	ND		ug/kg	2.15	0.600	1	A
trans-Chlordane	ND		ug/kg	2.15	0.568	1	A
Chlordane	ND		ug/kg	14.4	5.71	1	A

Project Name: FOCUSED PHASE II ESA **Lab Number:** L2233232

Project Number: EA2119 **Report Date:** 07/07/22

SAMPLE RESULTS

Lab ID: L2233232-04 Date Collected: 06/22/22 08:50

Client ID: MS-053 (0-6") Date Received: 06/22/22

Sample Location: 4780 SHERIDAN DR. AMHERST, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	71		30-150	A
Decachlorobiphenyl	90		30-150	A
2,4,5,6-Tetrachloro-m-xylene	70		30-150	B
Decachlorobiphenyl	110		30-150	B

Project Name: FOCUSED PHASE II ESA
Lab Number: L2233232
Project Number: EA2119
Report Date: 07/07/22

SAMPLE RESULTS

Lab ID: L2233232-07
Client ID: MS-065 (6-12")
Sample Location: 4780 SHERIDAN DR. AMHERST, NY

Date Collected: 06/22/22 10:10
Date Received: 06/22/22
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 06/28/22 14:12
Analyst: MMG
Percent Solids: 79%

Extraction Method: EPA 3546
Extraction Date: 06/27/22 19:42
Cleanup Method: EPA 3620B
Cleanup Date: 06/28/22

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.96	0.384	1	A
Lindane	ND		ug/kg	0.816	0.365	1	A
Alpha-BHC	ND		ug/kg	0.816	0.232	1	A
Beta-BHC	ND		ug/kg	1.96	0.743	1	A
Heptachlor	ND		ug/kg	0.979	0.439	1	A
Aldrin	ND		ug/kg	1.96	0.690	1	A
Heptachlor epoxide	1.18	J	ug/kg	3.67	1.10	1	A
Endrin	ND		ug/kg	0.816	0.335	1	A
Endrin aldehyde	ND		ug/kg	2.45	0.857	1	A
Endrin ketone	ND		ug/kg	1.96	0.504	1	A
Dieldrin	83.9		ug/kg	1.22	0.612	1	B
4,4'-DDE	40.9		ug/kg	1.96	0.453	1	B
4,4'-DDD	2.26		ug/kg	1.96	0.699	1	B
4,4'-DDT	6.34	IP	ug/kg	1.96	1.58	1	A
Endosulfan I	ND		ug/kg	1.96	0.463	1	A
Endosulfan II	ND		ug/kg	1.96	0.654	1	A
Endosulfan sulfate	ND		ug/kg	0.816	0.388	1	A
Methoxychlor	ND		ug/kg	3.67	1.14	1	A
Toxaphene	ND		ug/kg	36.7	10.3	1	A
cis-Chlordane	ND		ug/kg	2.45	0.682	1	B
trans-Chlordane	3.61		ug/kg	2.45	0.646	1	B
Chlordane	ND		ug/kg	16.3	6.49	1	A

Project Name: FOCUSED PHASE II ESA **Lab Number:** L2233232

Project Number: EA2119 **Report Date:** 07/07/22

SAMPLE RESULTS

Lab ID: L2233232-07 Date Collected: 06/22/22 10:10

Client ID: MS-065 (6-12") Date Received: 06/22/22

Sample Location: 4780 SHERIDAN DR. AMHERST, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	63		30-150	A
Decachlorobiphenyl	81		30-150	A
2,4,5,6-Tetrachloro-m-xylene	63		30-150	B
Decachlorobiphenyl	100		30-150	B

Project Name: FOCUSED PHASE II ESA
Project Number: EA2119
Lab Number: L2233232
Report Date: 07/07/22

SAMPLE RESULTS

Lab ID: L2233232-08
Client ID: MS-054 (0-6")
Sample Location: 4780 SHERIDAN DR. AMHERST, NY

Date Collected: 06/22/22 10:15
Date Received: 06/22/22
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 06/28/22 14:23
Analyst: MMG
Percent Solids: 81%

Extraction Method: EPA 3546
Extraction Date: 06/27/22 19:42
Cleanup Method: EPA 3620B
Cleanup Date: 06/28/22

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.90	0.372	1	A
Lindane	ND		ug/kg	0.792	0.354	1	A
Alpha-BHC	ND		ug/kg	0.792	0.225	1	A
Beta-BHC	ND		ug/kg	1.90	0.720	1	A
Heptachlor	ND		ug/kg	0.950	0.426	1	A
Aldrin	ND		ug/kg	1.90	0.669	1	A
Heptachlor epoxide	ND		ug/kg	3.56	1.07	1	A
Endrin	ND		ug/kg	0.792	0.325	1	A
Endrin aldehyde	ND		ug/kg	2.38	0.831	1	A
Endrin ketone	ND		ug/kg	1.90	0.489	1	A
Dieldrin	40.0		ug/kg	1.19	0.594	1	B
4,4'-DDE	10.1		ug/kg	1.90	0.439	1	B
4,4'-DDD	ND		ug/kg	1.90	0.678	1	A
4,4'-DDT	3.91	IP	ug/kg	1.90	1.53	1	A
Endosulfan I	ND		ug/kg	1.90	0.449	1	A
Endosulfan II	ND		ug/kg	1.90	0.635	1	A
Endosulfan sulfate	ND		ug/kg	0.792	0.377	1	A
Methoxychlor	ND		ug/kg	3.56	1.11	1	A
Toxaphene	ND		ug/kg	35.6	9.98	1	A
cis-Chlordane	ND		ug/kg	2.38	0.662	1	A
trans-Chlordane	1.55	JIP	ug/kg	2.38	0.627	1	A
Chlordane	ND		ug/kg	15.8	6.29	1	A

Project Name: FOCUSED PHASE II ESA **Lab Number:** L2233232

Project Number: EA2119 **Report Date:** 07/07/22

SAMPLE RESULTS

Lab ID: L2233232-08 Date Collected: 06/22/22 10:15

Client ID: MS-054 (0-6") Date Received: 06/22/22

Sample Location: 4780 SHERIDAN DR. AMHERST, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	59		30-150	A
Decachlorobiphenyl	72		30-150	A
2,4,5,6-Tetrachloro-m-xylene	58		30-150	B
Decachlorobiphenyl	91		30-150	B

Project Name: FOCUSED PHASE II ESA
Project Number: EA2119
Lab Number: L2233232
Report Date: 07/07/22

SAMPLE RESULTS

Lab ID: L2233232-09
Client ID: MS-055 (6-12")
Sample Location: 4780 SHERIDAN DR. AMHERST, NY

Date Collected: 06/22/22 10:20
Date Received: 06/22/22
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 06/28/22 14:34
Analyst: MMG
Percent Solids: 87%

Extraction Method: EPA 3546
Extraction Date: 06/27/22 19:42
Cleanup Method: EPA 3620B
Cleanup Date: 06/28/22

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.80	0.352	1	A
Lindane	ND		ug/kg	0.750	0.335	1	A
Alpha-BHC	ND		ug/kg	0.750	0.213	1	A
Beta-BHC	ND		ug/kg	1.80	0.682	1	A
Heptachlor	ND		ug/kg	0.899	0.403	1	A
Aldrin	ND		ug/kg	1.80	0.633	1	A
Heptachlor epoxide	ND		ug/kg	3.37	1.01	1	A
Endrin	ND		ug/kg	0.750	0.307	1	A
Endrin aldehyde	ND		ug/kg	2.25	0.787	1	A
Endrin ketone	ND		ug/kg	1.80	0.463	1	A
Dieldrin	8.56		ug/kg	1.12	0.562	1	B
4,4'-DDE	20.7		ug/kg	1.80	0.416	1	B
4,4'-DDD	1.11	J	ug/kg	1.80	0.642	1	B
4,4'-DDT	7.09	IP	ug/kg	1.80	1.45	1	A
Endosulfan I	ND		ug/kg	1.80	0.425	1	A
Endosulfan II	ND		ug/kg	1.80	0.601	1	A
Endosulfan sulfate	ND		ug/kg	0.750	0.357	1	A
Methoxychlor	ND		ug/kg	3.37	1.05	1	A
Toxaphene	ND		ug/kg	33.7	9.44	1	A
cis-Chlordane	ND		ug/kg	2.25	0.627	1	A
trans-Chlordane	1.18	JIP	ug/kg	2.25	0.594	1	A
Chlordane	ND		ug/kg	15.0	5.96	1	A

Project Name: FOCUSED PHASE II ESA **Lab Number:** L2233232

Project Number: EA2119 **Report Date:** 07/07/22

SAMPLE RESULTS

Lab ID: L2233232-09 Date Collected: 06/22/22 10:20

Client ID: MS-055 (6-12") Date Received: 06/22/22

Sample Location: 4780 SHERIDAN DR. AMHERST, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	66		30-150	A
Decachlorobiphenyl	84		30-150	A
2,4,5,6-Tetrachloro-m-xylene	64		30-150	B
Decachlorobiphenyl	108		30-150	B

Project Name: FOCUSED PHASE II ESA
Project Number: EA2119
Lab Number: L2233232
Report Date: 07/07/22

SAMPLE RESULTS

Lab ID: L2233232-10
Client ID: MS-056 (0-6")
Sample Location: 4780 SHERIDAN DR. AMHERST, NY

Date Collected: 06/22/22 10:25
Date Received: 06/22/22
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 06/28/22 14:45
Analyst: MMG
Percent Solids: 83%

Extraction Method: EPA 3546
Extraction Date: 06/27/22 19:42
Cleanup Method: EPA 3620B
Cleanup Date: 06/28/22

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.92	0.376	1	A
Lindane	ND		ug/kg	0.800	0.358	1	A
Alpha-BHC	ND		ug/kg	0.800	0.227	1	A
Beta-BHC	ND		ug/kg	1.92	0.728	1	A
Heptachlor	ND		ug/kg	0.960	0.430	1	A
Aldrin	ND		ug/kg	1.92	0.676	1	A
Heptachlor epoxide	ND		ug/kg	3.60	1.08	1	A
Endrin	0.494	JP	ug/kg	0.800	0.328	1	B
Endrin aldehyde	ND		ug/kg	2.40	0.840	1	A
Endrin ketone	ND		ug/kg	1.92	0.494	1	A
Dieldrin	122		ug/kg	1.20	0.600	1	B
4,4'-DDE	7.23		ug/kg	1.92	0.444	1	B
4,4'-DDD	ND		ug/kg	1.92	0.685	1	A
4,4'-DDT	2.48		ug/kg	1.92	1.54	1	B
Endosulfan I	ND		ug/kg	1.92	0.454	1	A
Endosulfan II	ND		ug/kg	1.92	0.642	1	A
Endosulfan sulfate	ND		ug/kg	0.800	0.381	1	A
Methoxychlor	ND		ug/kg	3.60	1.12	1	A
Toxaphene	ND		ug/kg	36.0	10.1	1	A
cis-Chlordane	ND		ug/kg	2.40	0.669	1	A
trans-Chlordane	1.30	J	ug/kg	2.40	0.634	1	B
Chlordane	ND		ug/kg	16.0	6.36	1	A

Project Name: FOCUSED PHASE II ESA **Lab Number:** L2233232

Project Number: EA2119 **Report Date:** 07/07/22

SAMPLE RESULTS

Lab ID: L2233232-10 Date Collected: 06/22/22 10:25

Client ID: MS-056 (0-6") Date Received: 06/22/22

Sample Location: 4780 SHERIDAN DR. AMHERST, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	75		30-150	A
Decachlorobiphenyl	97		30-150	A
2,4,5,6-Tetrachloro-m-xylene	75		30-150	B
Decachlorobiphenyl	118		30-150	B

Project Name: FOCUSED PHASE II ESA
Lab Number: L2233232
Project Number: EA2119
Report Date: 07/07/22

SAMPLE RESULTS

Lab ID: L2233232-11
Client ID: MS-058 (0-6")
Sample Location: 4780 SHERIDAN DR. AMHERST, NY

Date Collected: 06/22/22 10:30
Date Received: 06/22/22
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 06/28/22 14:56
Analyst: AKM
Percent Solids: 88%

Extraction Method: EPA 3546
Extraction Date: 06/27/22 19:42
Cleanup Method: EPA 3620B
Cleanup Date: 06/28/22

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.80	0.352	1	A
Lindane	ND		ug/kg	0.749	0.335	1	A
Alpha-BHC	ND		ug/kg	0.749	0.213	1	A
Beta-BHC	ND		ug/kg	1.80	0.682	1	A
Heptachlor	ND		ug/kg	0.899	0.403	1	A
Aldrin	ND		ug/kg	1.80	0.633	1	B
Heptachlor epoxide	ND	IP	ug/kg	3.37	1.01	1	B
Endrin	8.57		ug/kg	0.749	0.307	1	B
Endrin aldehyde	ND		ug/kg	2.25	0.787	1	A
Endrin ketone	5.44		ug/kg	1.80	0.463	1	B
Dieldrin	772	E	ug/kg	1.12	0.562	1	B
4,4'-DDE	15.1		ug/kg	1.80	0.416	1	B
4,4'-DDD	ND		ug/kg	1.80	0.641	1	A
4,4'-DDT	2.46		ug/kg	1.80	1.44	1	B
Endosulfan I	ND		ug/kg	1.80	0.425	1	A
Endosulfan II	ND		ug/kg	1.80	0.601	1	A
Endosulfan sulfate	ND		ug/kg	0.749	0.356	1	A
Methoxychlor	ND		ug/kg	3.37	1.05	1	A
Toxaphene	ND		ug/kg	33.7	9.44	1	A
cis-Chlordane	5.80		ug/kg	2.25	0.626	1	A
trans-Chlordane	3.14		ug/kg	2.25	0.593	1	B
Chlordane	ND		ug/kg	15.0	5.96	1	A

Project Name: FOCUSED PHASE II ESA **Lab Number:** L2233232

Project Number: EA2119 **Report Date:** 07/07/22

SAMPLE RESULTS

Lab ID: L2233232-11 Date Collected: 06/22/22 10:30

Client ID: MS-058 (0-6") Date Received: 06/22/22

Sample Location: 4780 SHERIDAN DR. AMHERST, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	62		30-150	A
Decachlorobiphenyl	83		30-150	A
2,4,5,6-Tetrachloro-m-xylene	62		30-150	B
Decachlorobiphenyl	100		30-150	B

Project Name: FOCUSED PHASE II ESA
Lab Number: L2233232
Project Number: EA2119
Report Date: 07/07/22

SAMPLE RESULTS

Lab ID: L2233232-11 D
Client ID: MS-058 (0-6")
Sample Location: 4780 SHERIDAN DR. AMHERST, NY

Date Collected: 06/22/22 10:30
Date Received: 06/22/22
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 06/28/22 17:42
Analyst: AR
Percent Solids: 88%

Extraction Method: EPA 3546
Extraction Date: 06/27/22 19:42
Cleanup Method: EPA 3620B
Cleanup Date: 06/28/22

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Dieldrin	935		ug/kg	11.2	5.62	10	A

Project Name: FOCUSED PHASE II ESA
Lab Number: L2233232
Project Number: EA2119
Report Date: 07/07/22

SAMPLE RESULTS

Lab ID: L2233232-12
Client ID: MS-063 (0-6")
Sample Location: 4780 SHERIDAN DR. AMHERST, NY

Date Collected: 06/22/22 10:35
Date Received: 06/22/22
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 06/28/22 15:07
Analyst: AKM
Percent Solids: 87%

Extraction Method: EPA 3546
Extraction Date: 06/27/22 19:42
Cleanup Method: EPA 3620B
Cleanup Date: 06/28/22

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.81	0.354	1	A
Lindane	ND		ug/kg	0.754	0.337	1	A
Alpha-BHC	ND		ug/kg	0.754	0.214	1	A
Beta-BHC	ND		ug/kg	1.81	0.686	1	A
Heptachlor	ND		ug/kg	0.904	0.405	1	A
Aldrin	0.666	J	ug/kg	1.81	0.637	1	B
Heptachlor epoxide	ND	IP	ug/kg	3.39	1.02	1	B
Endrin	8.82		ug/kg	0.754	0.309	1	B
Endrin aldehyde	ND		ug/kg	2.26	0.791	1	A
Endrin ketone	5.27		ug/kg	1.81	0.466	1	B
Dieldrin	967	E	ug/kg	1.13	0.565	1	B
4,4'-DDE	25.7		ug/kg	1.81	0.418	1	B
4,4'-DDD	ND		ug/kg	1.81	0.645	1	B
4,4'-DDT	6.81		ug/kg	1.81	1.45	1	B
Endosulfan I	ND		ug/kg	1.81	0.427	1	A
Endosulfan II	ND		ug/kg	1.81	0.604	1	A
Endosulfan sulfate	ND		ug/kg	0.754	0.359	1	A
Methoxychlor	ND		ug/kg	3.39	1.06	1	A
Toxaphene	ND		ug/kg	33.9	9.50	1	A
cis-Chlordane	5.04	IP	ug/kg	2.26	0.630	1	B
trans-Chlordane	5.51	P	ug/kg	2.26	0.597	1	B
Chlordane	ND		ug/kg	15.1	5.99	1	A

Project Name: FOCUSED PHASE II ESA **Lab Number:** L2233232

Project Number: EA2119 **Report Date:** 07/07/22

SAMPLE RESULTS

Lab ID: L2233232-12 Date Collected: 06/22/22 10:35

Client ID: MS-063 (0-6") Date Received: 06/22/22

Sample Location: 4780 SHERIDAN DR. AMHERST, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	79		30-150	A
Decachlorobiphenyl	103		30-150	A
2,4,5,6-Tetrachloro-m-xylene	79		30-150	B
Decachlorobiphenyl	126		30-150	B

Project Name: FOCUSED PHASE II ESA
Lab Number: L2233232
Project Number: EA2119
Report Date: 07/07/22

SAMPLE RESULTS

Lab ID: L2233232-12 D
Client ID: MS-063 (0-6")
Sample Location: 4780 SHERIDAN DR. AMHERST, NY

Date Collected: 06/22/22 10:35
Date Received: 06/22/22
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 06/29/22 10:49
Analyst: AKM
Percent Solids: 87%

Extraction Method: EPA 3546
Extraction Date: 06/27/22 19:42
Cleanup Method: EPA 3620B
Cleanup Date: 06/28/22

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Dieldrin	704		ug/kg	22.6	11.3	20	B

Project Name: FOCUSED PHASE II ESA
Project Number: EA2119
Lab Number: L2233232
Report Date: 07/07/22

SAMPLE RESULTS

Lab ID: L2233232-13
Client ID: MS-059 (0-6")
Sample Location: 4780 SHERIDAN DR. AMHERST, NY

Date Collected: 06/22/22 11:45
Date Received: 06/22/22
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 06/28/22 15:18
Analyst: AKM
Percent Solids: 85%

Extraction Method: EPA 3546
Extraction Date: 06/27/22 19:42
Cleanup Method: EPA 3620B
Cleanup Date: 06/28/22

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.81	0.354	1	A
Lindane	ND		ug/kg	0.754	0.337	1	A
Alpha-BHC	ND		ug/kg	0.754	0.214	1	A
Beta-BHC	ND		ug/kg	1.81	0.686	1	A
Heptachlor	ND		ug/kg	0.905	0.406	1	A
Aldrin	1.13	J	ug/kg	1.81	0.637	1	B
Heptachlor epoxide	3.30	JIP	ug/kg	3.39	1.02	1	B
Endrin	17.4		ug/kg	0.754	0.309	1	A
Endrin aldehyde	ND		ug/kg	2.26	0.792	1	A
Endrin ketone	8.08		ug/kg	1.81	0.466	1	B
Dieldrin	1830	E	ug/kg	1.13	0.566	1	B
4,4'-DDE	45.0		ug/kg	1.81	0.419	1	B
4,4'-DDD	1.28	J	ug/kg	1.81	0.646	1	A
4,4'-DDT	11.9		ug/kg	1.81	1.46	1	B
Endosulfan I	ND		ug/kg	1.81	0.428	1	A
Endosulfan II	ND		ug/kg	1.81	0.605	1	A
Endosulfan sulfate	ND		ug/kg	0.754	0.359	1	A
Methoxychlor	ND		ug/kg	3.39	1.06	1	A
Toxaphene	ND		ug/kg	33.9	9.50	1	A
cis-Chlordane	31.9		ug/kg	2.26	0.631	1	A
trans-Chlordane	17.5		ug/kg	2.26	0.597	1	B
Chlordane	64.7	IP	ug/kg	15.1	6.00	1	A

Project Name: FOCUSED PHASE II ESA **Lab Number:** L2233232

Project Number: EA2119 **Report Date:** 07/07/22

SAMPLE RESULTS

Lab ID: L2233232-13 Date Collected: 06/22/22 11:45

Client ID: MS-059 (0-6") Date Received: 06/22/22

Sample Location: 4780 SHERIDAN DR. AMHERST, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	69		30-150	A
Decachlorobiphenyl	87		30-150	A
2,4,5,6-Tetrachloro-m-xylene	69		30-150	B
Decachlorobiphenyl	107		30-150	B

Project Name: FOCUSED PHASE II ESA
Project Number: EA2119
Lab Number: L2233232
Report Date: 07/07/22

SAMPLE RESULTS

Lab ID: L2233232-13 D
Client ID: MS-059 (0-6")
Sample Location: 4780 SHERIDAN DR. AMHERST, NY

Date Collected: 06/22/22 11:45
Date Received: 06/22/22
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 06/29/22 11:00
Analyst: AKM
Percent Solids: 85%

Extraction Method: EPA 3546
Extraction Date: 06/27/22 19:42
Cleanup Method: EPA 3620B
Cleanup Date: 06/28/22

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Dieldrin	1700		ug/kg	56.6	28.3	50	B

Project Name: FOCUSED PHASE II ESA
Lab Number: L2233232
Project Number: EA2119
Report Date: 07/07/22

SAMPLE RESULTS

Lab ID: L2233232-14
Client ID: MS-064 (0-6")
Sample Location: 4780 SHERIDAN DR. AMHERST, NY

Date Collected: 06/22/22 11:50
Date Received: 06/22/22
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 06/28/22 15:29
Analyst: AKM
Percent Solids: 89%

Extraction Method: EPA 3546
Extraction Date: 06/27/22 19:42
Cleanup Method: EPA 3620B
Cleanup Date: 06/28/22

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.74	0.340	1	A
Lindane	ND		ug/kg	0.724	0.323	1	A
Alpha-BHC	ND		ug/kg	0.724	0.205	1	A
Beta-BHC	ND		ug/kg	1.74	0.658	1	A
Heptachlor	ND		ug/kg	0.868	0.389	1	A
Aldrin	ND		ug/kg	1.74	0.611	1	B
Heptachlor epoxide	ND		ug/kg	3.26	0.977	1	A
Endrin	2.64		ug/kg	0.724	0.297	1	A
Endrin aldehyde	ND		ug/kg	2.17	0.760	1	A
Endrin ketone	1.58	J	ug/kg	1.74	0.447	1	B
Dieldrin	335	E	ug/kg	1.08	0.543	1	B
4,4'-DDE	19.1		ug/kg	1.74	0.402	1	B
4,4'-DDD	0.807	JP	ug/kg	1.74	0.619	1	B
4,4'-DDT	9.38		ug/kg	1.74	1.40	1	B
Endosulfan I	ND		ug/kg	1.74	0.410	1	A
Endosulfan II	ND		ug/kg	1.74	0.580	1	A
Endosulfan sulfate	ND		ug/kg	0.724	0.344	1	A
Methoxychlor	ND		ug/kg	3.26	1.01	1	A
Toxaphene	ND		ug/kg	32.6	9.12	1	A
cis-Chlordane	5.54		ug/kg	2.17	0.605	1	A
trans-Chlordane	2.21		ug/kg	2.17	0.573	1	B
Chlordane	ND		ug/kg	14.5	5.75	1	A

Project Name: FOCUSED PHASE II ESA **Lab Number:** L2233232

Project Number: EA2119 **Report Date:** 07/07/22

SAMPLE RESULTS

Lab ID: L2233232-14 Date Collected: 06/22/22 11:50

Client ID: MS-064 (0-6") Date Received: 06/22/22

Sample Location: 4780 SHERIDAN DR. AMHERST, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	61		30-150	A
Decachlorobiphenyl	80		30-150	A
2,4,5,6-Tetrachloro-m-xylene	63		30-150	B
Decachlorobiphenyl	101		30-150	B

Project Name: FOCUSED PHASE II ESA
Project Number: EA2119
Lab Number: L2233232
Report Date: 07/07/22

SAMPLE RESULTS

Lab ID: L2233232-14 D
Client ID: MS-064 (0-6")
Sample Location: 4780 SHERIDAN DR. AMHERST, NY

Date Collected: 06/22/22 11:50
Date Received: 06/22/22
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 06/29/22 10:26
Analyst: AKM
Percent Solids: 89%

Extraction Method: EPA 3546
Extraction Date: 06/27/22 19:42
Cleanup Method: EPA 3620B
Cleanup Date: 06/28/22

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Dieldrin	357		ug/kg	5.43	2.71	5	B

Project Name: FOCUSED PHASE II ESA
Project Number: EA2119
Lab Number: L2233232
Report Date: 07/07/22

SAMPLE RESULTS

Lab ID: L2233232-15
Client ID: MS-057 (6-12")
Sample Location: 4780 SHERIDAN DR. AMHERST, NY

Date Collected: 06/22/22 11:55
Date Received: 06/22/22
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 06/28/22 15:40
Analyst: AKM
Percent Solids: 85%

Extraction Method: EPA 3546
Extraction Date: 06/27/22 19:42
Cleanup Method: EPA 3620B
Cleanup Date: 06/28/22

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.80	0.353	1	A
Lindane	ND		ug/kg	0.750	0.335	1	A
Alpha-BHC	ND		ug/kg	0.750	0.213	1	A
Beta-BHC	ND		ug/kg	1.80	0.683	1	A
Heptachlor	ND		ug/kg	0.900	0.404	1	A
Aldrin	ND		ug/kg	1.80	0.634	1	A
Heptachlor epoxide	ND		ug/kg	3.38	1.01	1	A
Endrin	ND		ug/kg	0.750	0.308	1	A
Endrin aldehyde	ND		ug/kg	2.25	0.788	1	A
Endrin ketone	ND		ug/kg	1.80	0.464	1	A
Dieldrin	5.91		ug/kg	1.12	0.563	1	A
4,4'-DDE	6.56		ug/kg	1.80	0.416	1	B
4,4'-DDD	ND		ug/kg	1.80	0.642	1	A
4,4'-DDT	2.46		ug/kg	1.80	1.45	1	B
Endosulfan I	ND		ug/kg	1.80	0.425	1	A
Endosulfan II	ND		ug/kg	1.80	0.602	1	A
Endosulfan sulfate	0.494	J	ug/kg	0.750	0.357	1	B
Methoxychlor	ND		ug/kg	3.38	1.05	1	A
Toxaphene	ND		ug/kg	33.8	9.46	1	A
cis-Chlordane	ND	IP	ug/kg	2.25	0.627	1	B
trans-Chlordane	0.923	J	ug/kg	2.25	0.594	1	B
Chlordane	ND		ug/kg	15.0	5.96	1	A

Project Name: FOCUSED PHASE II ESA **Lab Number:** L2233232

Project Number: EA2119 **Report Date:** 07/07/22

SAMPLE RESULTS

Lab ID: L2233232-15 Date Collected: 06/22/22 11:55

Client ID: MS-057 (6-12") Date Received: 06/22/22

Sample Location: 4780 SHERIDAN DR. AMHERST, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	70		30-150	A
Decachlorobiphenyl	88		30-150	A
2,4,5,6-Tetrachloro-m-xylene	70		30-150	B
Decachlorobiphenyl	112		30-150	B

Project Name: FOCUSED PHASE II ESA
Lab Number: L2233232
Project Number: EA2119
Report Date: 07/07/22

SAMPLE RESULTS

Lab ID: L2233232-16
Client ID: MS-060 (0-6")
Sample Location: 4780 SHERIDAN DR. AMHERST, NY

Date Collected: 06/22/22 12:00
Date Received: 06/22/22
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 06/28/22 15:51
Analyst: AKM
Percent Solids: 94%

Extraction Method: EPA 3546
Extraction Date: 06/27/22 19:42
Cleanup Method: EPA 3620B
Cleanup Date: 06/28/22

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.69	0.330	1	A
Lindane	ND		ug/kg	0.703	0.314	1	A
Alpha-BHC	ND		ug/kg	0.703	0.200	1	A
Beta-BHC	ND		ug/kg	1.69	0.640	1	A
Heptachlor	ND		ug/kg	0.844	0.378	1	A
Aldrin	ND		ug/kg	1.69	0.594	1	B
Heptachlor epoxide	ND		ug/kg	3.16	0.950	1	B
Endrin	2.95	P	ug/kg	0.703	0.288	1	A
Endrin aldehyde	ND		ug/kg	2.11	0.738	1	A
Endrin ketone	ND		ug/kg	1.69	0.435	1	A
Dieldrin	222	E	ug/kg	1.06	0.528	1	B
4,4'-DDE	13.2		ug/kg	1.69	0.390	1	B
4,4'-DDD	ND		ug/kg	1.69	0.602	1	A
4,4'-DDT	2.98		ug/kg	1.69	1.36	1	B
Endosulfan I	ND		ug/kg	1.69	0.399	1	A
Endosulfan II	ND		ug/kg	1.69	0.564	1	A
Endosulfan sulfate	ND		ug/kg	0.703	0.335	1	A
Methoxychlor	ND		ug/kg	3.16	0.985	1	A
Toxaphene	ND		ug/kg	31.6	8.86	1	A
cis-Chlordane	2.96	IP	ug/kg	2.11	0.588	1	B
trans-Chlordane	2.30		ug/kg	2.11	0.557	1	B
Chlordane	ND		ug/kg	14.1	5.59	1	A

Project Name: FOCUSED PHASE II ESA **Lab Number:** L2233232

Project Number: EA2119 **Report Date:** 07/07/22

SAMPLE RESULTS

Lab ID: L2233232-16 Date Collected: 06/22/22 12:00

Client ID: MS-060 (0-6") Date Received: 06/22/22

Sample Location: 4780 SHERIDAN DR. AMHERST, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	50		30-150	A
Decachlorobiphenyl	61		30-150	A
2,4,5,6-Tetrachloro-m-xylene	50		30-150	B
Decachlorobiphenyl	76		30-150	B

Project Name: FOCUSED PHASE II ESA
Lab Number: L2233232
Project Number: EA2119
Report Date: 07/07/22

SAMPLE RESULTS

Lab ID: L2233232-16 D
Client ID: MS-060 (0-6")
Sample Location: 4780 SHERIDAN DR. AMHERST, NY

Date Collected: 06/22/22 12:00
Date Received: 06/22/22
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 06/29/22 10:37
Analyst: AKM
Percent Solids: 94%

Extraction Method: EPA 3546
Extraction Date: 06/27/22 19:42
Cleanup Method: EPA 3620B
Cleanup Date: 06/28/22

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Dieldrin	194		ug/kg	5.28	2.64	5	B

Project Name: FOCUSED PHASE II ESA
Lab Number: L2233232
Project Number: EA2119
Report Date: 07/07/22

SAMPLE RESULTS

Lab ID: L2233232-17
Client ID: MS-061 (6-12")
Sample Location: 4780 SHERIDAN DR. AMHERST, NY

Date Collected: 06/22/22 12:10
Date Received: 06/22/22
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 06/28/22 16:02
Analyst: MMG
Percent Solids: 88%

Extraction Method: EPA 3546
Extraction Date: 06/27/22 19:42
Cleanup Method: EPA 3620B
Cleanup Date: 06/28/22

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.75	0.343	1	A
Lindane	ND		ug/kg	0.730	0.326	1	A
Alpha-BHC	ND		ug/kg	0.730	0.207	1	A
Beta-BHC	ND		ug/kg	1.75	0.664	1	A
Heptachlor	ND		ug/kg	0.876	0.393	1	A
Aldrin	ND		ug/kg	1.75	0.617	1	A
Heptachlor epoxide	ND		ug/kg	3.28	0.985	1	A
Endrin	0.770	IP	ug/kg	0.730	0.299	1	B
Endrin aldehyde	ND		ug/kg	2.19	0.766	1	A
Endrin ketone	ND		ug/kg	1.75	0.451	1	A
Dieldrin	136		ug/kg	1.09	0.547	1	B
4,4'-DDE	16.9		ug/kg	1.75	0.405	1	B
4,4'-DDD	ND		ug/kg	1.75	0.625	1	A
4,4'-DDT	4.03		ug/kg	1.75	1.41	1	B
Endosulfan I	ND		ug/kg	1.75	0.414	1	A
Endosulfan II	ND		ug/kg	1.75	0.585	1	A
Endosulfan sulfate	ND		ug/kg	0.730	0.347	1	A
Methoxychlor	ND		ug/kg	3.28	1.02	1	A
Toxaphene	ND		ug/kg	32.8	9.20	1	A
cis-Chlordane	2.24	IP	ug/kg	2.19	0.610	1	B
trans-Chlordane	1.73	J	ug/kg	2.19	0.578	1	B
Chlordane	ND		ug/kg	14.6	5.80	1	A

Project Name: FOCUSED PHASE II ESA **Lab Number:** L2233232

Project Number: EA2119 **Report Date:** 07/07/22

SAMPLE RESULTS

Lab ID: L2233232-17 Date Collected: 06/22/22 12:10

Client ID: MS-061 (6-12") Date Received: 06/22/22

Sample Location: 4780 SHERIDAN DR. AMHERST, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	81		30-150	A
Decachlorobiphenyl	101		30-150	A
2,4,5,6-Tetrachloro-m-xylene	80		30-150	B
Decachlorobiphenyl	123		30-150	B

Project Name: FOCUSED PHASE II ESA
Project Number: EA2119
Lab Number: L2233232
Report Date: 07/07/22

SAMPLE RESULTS

Lab ID: L2233232-18
Client ID: MS-062 (0-6")
Sample Location: 4780 SHERIDAN DR. AMHERST, NY

Date Collected: 06/22/22 12:15
Date Received: 06/22/22
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 06/28/22 16:13
Analyst: MMG
Percent Solids: 83%

Extraction Method: EPA 3546
Extraction Date: 06/27/22 19:42
Cleanup Method: EPA 3620B
Cleanup Date: 06/28/22

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.85	0.363	1	A
Lindane	ND		ug/kg	0.772	0.345	1	A
Alpha-BHC	ND		ug/kg	0.772	0.219	1	A
Beta-BHC	ND		ug/kg	1.85	0.703	1	A
Heptachlor	ND		ug/kg	0.927	0.416	1	A
Aldrin	ND		ug/kg	1.85	0.653	1	A
Heptachlor epoxide	ND		ug/kg	3.48	1.04	1	A
Endrin	ND		ug/kg	0.772	0.317	1	A
Endrin aldehyde	ND		ug/kg	2.32	0.811	1	A
Endrin ketone	ND		ug/kg	1.85	0.477	1	A
Dieldrin	18.3		ug/kg	1.16	0.579	1	B
4,4'-DDE	34.8		ug/kg	1.85	0.429	1	B
4,4'-DDD	0.757	J	ug/kg	1.85	0.661	1	B
4,4'-DDT	14.7		ug/kg	1.85	1.49	1	B
Endosulfan I	ND		ug/kg	1.85	0.438	1	A
Endosulfan II	ND		ug/kg	1.85	0.619	1	A
Endosulfan sulfate	ND		ug/kg	0.772	0.368	1	A
Methoxychlor	ND		ug/kg	3.48	1.08	1	A
Toxaphene	64.7	P	ug/kg	34.8	9.73	1	A
cis-Chlordane	1.56	JIP	ug/kg	2.32	0.646	1	B
trans-Chlordane	0.952	JIP	ug/kg	2.32	0.612	1	A
Chlordane	ND		ug/kg	15.4	6.14	1	A

Project Name: FOCUSED PHASE II ESA **Lab Number:** L2233232

Project Number: EA2119 **Report Date:** 07/07/22

SAMPLE RESULTS

Lab ID: L2233232-18 Date Collected: 06/22/22 12:15

Client ID: MS-062 (0-6") Date Received: 06/22/22

Sample Location: 4780 SHERIDAN DR. AMHERST, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	80		30-150	A
Decachlorobiphenyl	97		30-150	A
2,4,5,6-Tetrachloro-m-xylene	79		30-150	B
Decachlorobiphenyl	121		30-150	B

Project Name: FOCUSED PHASE II ESA
Project Number: EA2119
Lab Number: L2233232
Report Date: 07/07/22

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8081B
Analytical Date: 06/28/22 09:57
Analyst: AKM

Extraction Method: EPA 3546
Extraction Date: 06/27/22 19:42
Cleanup Method: EPA 3620B
Cleanup Date: 06/28/22
Cleanup Method: EPA 3660B
Cleanup Date: 06/28/22

Parameter	Result	Qualifier	Units	RL	MDL	Column
Organochlorine Pesticides by GC - Westborough Lab for sample(s): 01-04,07-18 Batch: WG1656065-1						
Delta-BHC	ND		ug/kg	1.59	0.311	A
Lindane	ND		ug/kg	0.661	0.296	A
Alpha-BHC	ND		ug/kg	0.661	0.188	A
Beta-BHC	ND		ug/kg	1.59	0.602	A
Heptachlor	ND		ug/kg	0.794	0.356	A
Aldrin	ND		ug/kg	1.59	0.559	A
Heptachlor epoxide	ND		ug/kg	2.98	0.893	A
Endrin	ND		ug/kg	0.661	0.271	A
Endrin aldehyde	ND		ug/kg	1.98	0.694	A
Endrin ketone	ND		ug/kg	1.59	0.409	A
Dieldrin	ND		ug/kg	0.992	0.496	A
4,4'-DDE	ND		ug/kg	1.59	0.367	A
4,4'-DDD	ND		ug/kg	1.59	0.566	A
4,4'-DDT	ND		ug/kg	1.59	1.28	A
Endosulfan I	ND		ug/kg	1.59	0.375	A
Endosulfan II	ND		ug/kg	1.59	0.530	A
Endosulfan sulfate	ND		ug/kg	0.661	0.315	A
Methoxychlor	ND		ug/kg	2.98	0.926	A
Toxaphene	ND		ug/kg	29.8	8.33	A
cis-Chlordane	ND		ug/kg	1.98	0.553	A
trans-Chlordane	ND		ug/kg	1.98	0.524	A
Chlordane	ND		ug/kg	13.2	5.26	A

Project Name: FOCUSED PHASE II ESA
Project Number: EA2119
Lab Number: L2233232
Report Date: 07/07/22

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8081B
Analytical Date: 06/28/22 09:57
Analyst: AKM

Extraction Method: EPA 3546
Extraction Date: 06/27/22 19:42
Cleanup Method: EPA 3620B
Cleanup Date: 06/28/22
Cleanup Method: EPA 3660B
Cleanup Date: 06/28/22

Parameter	Result	Qualifier	Units	RL	MDL	Column
Organochlorine Pesticides by GC - Westborough Lab for sample(s): 01-04,07-18 Batch: WG1656065-1						

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	55		30-150	A
Decachlorobiphenyl	53		30-150	A
2,4,5,6-Tetrachloro-m-xylene	68		30-150	B
Decachlorobiphenyl	61		30-150	B

Lab Control Sample Analysis

Batch Quality Control

Project Name: FOCUSED PHASE II ESA

Project Number: EA2119

Lab Number: L2233232

Report Date: 07/07/22

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 01-04,07-18 Batch: WG1656065-2 WG1656065-3									
Delta-BHC	51		64		30-150	23		30	A
Lindane	50		64		30-150	25		30	A
Alpha-BHC	50		64		30-150	25		30	A
Beta-BHC	45		56		30-150	22		30	A
Heptachlor	55		67		30-150	20		30	A
Aldrin	46		57		30-150	21		30	A
Heptachlor epoxide	40		53		30-150	28		30	A
Endrin	52		65		30-150	22		30	A
Endrin aldehyde	45		51		30-150	13		30	A
Endrin ketone	53		62		30-150	16		30	A
Dieldrin	53		65		30-150	20		30	A
4,4'-DDE	52		64		30-150	21		30	A
4,4'-DDD	60		73		30-150	20		30	A
4,4'-DDT	56		69		30-150	21		30	A
Endosulfan I	46		56		30-150	20		30	A
Endosulfan II	52		64		30-150	21		30	A
Endosulfan sulfate	45		53		30-150	16		30	A
Methoxychlor	70		84		30-150	18		30	A
cis-Chlordane	41		50		30-150	20		30	A
trans-Chlordane	54		64		30-150	17		30	A

Lab Control Sample Analysis
Batch Quality Control

Project Name: FOCUSED PHASE II ESA
Project Number: EA2119

Lab Number: L2233232
Report Date: 07/07/22

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 01-04,07-18 Batch: WG1656065-2 WG1656065-3								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	47		60		30-150	A
Decachlorobiphenyl	48		55		30-150	A
2,4,5,6-Tetrachloro-m-xylene	56		70		30-150	B
Decachlorobiphenyl	52		63		30-150	B

INORGANICS
&
MISCELLANEOUS

Project Name: FOCUSED PHASE II ESA
Project Number: EA2119
Lab Number: L2233232
Report Date: 07/07/22

SAMPLE RESULTS

Lab ID: L2233232-01
Client ID: MS-050 (0-6")
Sample Location: 4780 SHERIDAN DR. AMHERST, NY
Sample Depth:
Matrix: Soil

Date Collected: 06/22/22 08:15
Date Received: 06/22/22
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	92.4		%	0.100	NA	1	-	06/27/22 18:03	121,2540G	MF

Project Name: FOCUSED PHASE II ESA
Project Number: EA2119
Lab Number: L2233232
Report Date: 07/07/22

SAMPLE RESULTS

Lab ID: L2233232-02
Client ID: MS-051 (6-12")
Sample Location: 4780 SHERIDAN DR. AMHERST, NY
Sample Depth:
Matrix: Soil

Date Collected: 06/22/22 08:25
Date Received: 06/22/22
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	89.7		%	0.100	NA	1	-	06/27/22 18:03	121,2540G	MF

Project Name: FOCUSED PHASE II ESA
Project Number: EA2119
Lab Number: L2233232
Report Date: 07/07/22

SAMPLE RESULTS

Lab ID: L2233232-03
Client ID: MS-052 (0-6")
Sample Location: 4780 SHERIDAN DR. AMHERST, NY
Sample Depth:
Matrix: Soil
Date Collected: 06/22/22 08:35
Date Received: 06/22/22
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	89.1		%	0.100	NA	1	-	06/27/22 18:03	121,2540G	MF

Project Name: FOCUSED PHASE II ESA
Project Number: EA2119
Lab Number: L2233232
Report Date: 07/07/22

SAMPLE RESULTS

Lab ID: L2233232-04
Client ID: MS-053 (0-6")
Sample Location: 4780 SHERIDAN DR. AMHERST, NY
Sample Depth:
Matrix: Soil
Date Collected: 06/22/22 08:50
Date Received: 06/22/22
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	90.7		%	0.100	NA	1	-	06/27/22 18:03	121,2540G	MF

Project Name: FOCUSED PHASE II ESA
Project Number: EA2119
Lab Number: L2233232
Report Date: 07/07/22

SAMPLE RESULTS

Lab ID: L2233232-07
Client ID: MS-065 (6-12")
Sample Location: 4780 SHERIDAN DR. AMHERST, NY
Sample Depth:
Matrix: Soil

Date Collected: 06/22/22 10:10
Date Received: 06/22/22
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	79.2		%	0.100	NA	1	-	06/27/22 18:03	121,2540G	MF

Project Name: FOCUSED PHASE II ESA
Project Number: EA2119
Lab Number: L2233232
Report Date: 07/07/22

SAMPLE RESULTS

Lab ID: L2233232-08
Client ID: MS-054 (0-6")
Sample Location: 4780 SHERIDAN DR. AMHERST, NY
Sample Depth:
Matrix: Soil

Date Collected: 06/22/22 10:15
Date Received: 06/22/22
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	80.7		%	0.100	NA	1	-	06/27/22 18:03	121,2540G	MF

Project Name: FOCUSED PHASE II ESA
Project Number: EA2119
Lab Number: L2233232
Report Date: 07/07/22

SAMPLE RESULTS

Lab ID: L2233232-09
Client ID: MS-055 (6-12")
Sample Location: 4780 SHERIDAN DR. AMHERST, NY
Sample Depth:
Matrix: Soil

Date Collected: 06/22/22 10:20
Date Received: 06/22/22
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	87.2		%	0.100	NA	1	-	06/27/22 18:03	121,2540G	MF

Project Name: FOCUSED PHASE II ESA
Project Number: EA2119
Lab Number: L2233232
Report Date: 07/07/22

SAMPLE RESULTS

Lab ID: L2233232-10
Client ID: MS-056 (0-6")
Sample Location: 4780 SHERIDAN DR. AMHERST, NY
Sample Depth:
Matrix: Soil

Date Collected: 06/22/22 10:25
Date Received: 06/22/22
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	83.1		%	0.100	NA	1	-	06/27/22 18:03	121,2540G	MF

Project Name: FOCUSED PHASE II ESA
Project Number: EA2119
Lab Number: L2233232
Report Date: 07/07/22

SAMPLE RESULTS

Lab ID: L2233232-11
Client ID: MS-058 (0-6")
Sample Location: 4780 SHERIDAN DR. AMHERST, NY
Sample Depth:
Matrix: Soil
Date Collected: 06/22/22 10:30
Date Received: 06/22/22
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	88.4		%	0.100	NA	1	-	06/27/22 18:03	121,2540G	MF

Project Name: FOCUSED PHASE II ESA
Project Number: EA2119
Lab Number: L2233232
Report Date: 07/07/22

SAMPLE RESULTS

Lab ID: L2233232-12
Client ID: MS-063 (0-6")
Sample Location: 4780 SHERIDAN DR. AMHERST, NY
Sample Depth:
Matrix: Soil

Date Collected: 06/22/22 10:35
Date Received: 06/22/22
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	86.5		%	0.100	NA	1	-	06/27/22 18:03	121,2540G	MF

Project Name: FOCUSED PHASE II ESA
Project Number: EA2119
Lab Number: L2233232
Report Date: 07/07/22

SAMPLE RESULTS

Lab ID: L2233232-13
Client ID: MS-059 (0-6")
Sample Location: 4780 SHERIDAN DR. AMHERST, NY
Sample Depth:
Matrix: Soil

Date Collected: 06/22/22 11:45
Date Received: 06/22/22
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	85.3		%	0.100	NA	1	-	06/27/22 18:03	121,2540G	MF

Project Name: FOCUSED PHASE II ESA
Project Number: EA2119
Lab Number: L2233232
Report Date: 07/07/22

SAMPLE RESULTS

Lab ID: L2233232-14
Client ID: MS-064 (0-6")
Sample Location: 4780 SHERIDAN DR. AMHERST, NY
Sample Depth:
Matrix: Soil

Date Collected: 06/22/22 11:50
Date Received: 06/22/22
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	88.6		%	0.100	NA	1	-	06/27/22 18:03	121,2540G	MF

Project Name: FOCUSED PHASE II ESA
Project Number: EA2119
Lab Number: L2233232
Report Date: 07/07/22

SAMPLE RESULTS

Lab ID: L2233232-15
Client ID: MS-057 (6-12")
Sample Location: 4780 SHERIDAN DR. AMHERST, NY
Sample Depth:
Matrix: Soil

Date Collected: 06/22/22 11:55
Date Received: 06/22/22
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	84.5		%	0.100	NA	1	-	06/27/22 18:03	121,2540G	MF

Project Name: FOCUSED PHASE II ESA
Project Number: EA2119
Lab Number: L2233232
Report Date: 07/07/22

SAMPLE RESULTS

Lab ID: L2233232-16
Client ID: MS-060 (0-6")
Sample Location: 4780 SHERIDAN DR. AMHERST, NY
Sample Depth:
Matrix: Soil

Date Collected: 06/22/22 12:00
Date Received: 06/22/22
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	93.6		%	0.100	NA	1	-	06/27/22 18:03	121,2540G	MF

Project Name: FOCUSED PHASE II ESA
Project Number: EA2119
Lab Number: L2233232
Report Date: 07/07/22

SAMPLE RESULTS

Lab ID: L2233232-17
Client ID: MS-061 (6-12")
Sample Location: 4780 SHERIDAN DR. AMHERST, NY
Sample Depth:
Matrix: Soil

Date Collected: 06/22/22 12:10
Date Received: 06/22/22
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	87.6		%	0.100	NA	1	-	06/27/22 18:03	121,2540G	MF

Project Name: FOCUSED PHASE II ESA
Project Number: EA2119
Lab Number: L2233232
Report Date: 07/07/22

SAMPLE RESULTS

Lab ID: L2233232-18
Client ID: MS-062 (0-6")
Sample Location: 4780 SHERIDAN DR. AMHERST, NY
Sample Depth:
Matrix: Soil

Date Collected: 06/22/22 12:15
Date Received: 06/22/22
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	83.1		%	0.100	NA	1	-	06/27/22 18:03	121,2540G	MF

Lab Duplicate Analysis

Batch Quality Control

Project Name: FOCUSED PHASE II ESA

Project Number: EA2119

Lab Number: L2233232

Report Date: 07/07/22

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01-04,07-18 QC Batch ID: WG1656047-1 QC Sample: L2230372-01 Client ID: DUP Sample						
Solids, Total	27.5	27.6	%	0		20

Project Name: FOCUSED PHASE II ESA
Project Number: EA2119

Lab Number: L2233232
Report Date: 07/07/22

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(*)
L2233232-01A	Plastic 2oz unpreserved for TS	A	NA		3.9	Y	Absent		TS(7)
L2233232-01B	Glass 60mL/2oz unpreserved	A	NA		3.9	Y	Absent		NYTCL-8081(14)
L2233232-02A	Plastic 2oz unpreserved for TS	A	NA		3.9	Y	Absent		TS(7)
L2233232-02B	Glass 60mL/2oz unpreserved	A	NA		3.9	Y	Absent		NYTCL-8081(14)
L2233232-03A	Plastic 2oz unpreserved for TS	A	NA		3.9	Y	Absent		TS(7)
L2233232-03B	Glass 60mL/2oz unpreserved	A	NA		3.9	Y	Absent		NYTCL-8081(14)
L2233232-04A	Plastic 2oz unpreserved for TS	A	NA		3.9	Y	Absent		TS(7)
L2233232-04B	Glass 60mL/2oz unpreserved	A	NA		3.9	Y	Absent		NYTCL-8081(14)
L2233232-05A	Plastic 2oz unpreserved for TS	A	NA		3.9	Y	Absent		ARCHIVE()
L2233232-05B	Glass 60mL/2oz unpreserved	A	NA		3.9	Y	Absent		ARCHIVE()
L2233232-06A	Plastic 2oz unpreserved for TS	A	NA		3.9	Y	Absent		ARCHIVE()
L2233232-06B	Glass 60mL/2oz unpreserved	A	NA		3.9	Y	Absent		ARCHIVE()
L2233232-07A	Plastic 2oz unpreserved for TS	A	NA		3.9	Y	Absent		TS(7)
L2233232-07B	Glass 60mL/2oz unpreserved	A	NA		3.9	Y	Absent		NYTCL-8081(14)
L2233232-08A	Plastic 2oz unpreserved for TS	A	NA		3.9	Y	Absent		TS(7)
L2233232-08B	Glass 60mL/2oz unpreserved	A	NA		3.9	Y	Absent		NYTCL-8081(14)
L2233232-09A	Plastic 2oz unpreserved for TS	A	NA		3.9	Y	Absent		TS(7)
L2233232-09B	Glass 60mL/2oz unpreserved	A	NA		3.9	Y	Absent		NYTCL-8081(14)
L2233232-10A	Plastic 2oz unpreserved for TS	A	NA		3.9	Y	Absent		TS(7)
L2233232-10B	Glass 60mL/2oz unpreserved	A	NA		3.9	Y	Absent		NYTCL-8081(14)
L2233232-11A	Plastic 2oz unpreserved for TS	A	NA		3.9	Y	Absent		TS(7)
L2233232-11B	Glass 60mL/2oz unpreserved	A	NA		3.9	Y	Absent		NYTCL-8081(14)
L2233232-12A	Plastic 2oz unpreserved for TS	A	NA		3.9	Y	Absent		TS(7)

*Values in parentheses indicate holding time in days

Project Name: FOCUSED PHASE II ESA
Project Number: EA2119

Lab Number: L2233232
Report Date: 07/07/22

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2233232-12B	Glass 60mL/2oz unpreserved	A	NA		3.9	Y	Absent		NYTCL-8081(14)
L2233232-13A	Plastic 2oz unpreserved for TS	A	NA		3.9	Y	Absent		TS(7)
L2233232-13B	Glass 60mL/2oz unpreserved	A	NA		3.9	Y	Absent		NYTCL-8081(14)
L2233232-14A	Plastic 2oz unpreserved for TS	A	NA		3.9	Y	Absent		TS(7)
L2233232-14B	Glass 60mL/2oz unpreserved	A	NA		3.9	Y	Absent		NYTCL-8081(14)
L2233232-15A	Plastic 2oz unpreserved for TS	A	NA		3.9	Y	Absent		TS(7)
L2233232-15B	Glass 60mL/2oz unpreserved	A	NA		3.9	Y	Absent		NYTCL-8081(14)
L2233232-16A	Plastic 2oz unpreserved for TS	A	NA		3.9	Y	Absent		TS(7)
L2233232-16B	Glass 60mL/2oz unpreserved	A	NA		3.9	Y	Absent		NYTCL-8081(14)
L2233232-17A	Plastic 2oz unpreserved for TS	A	NA		3.9	Y	Absent		TS(7)
L2233232-17B	Glass 60mL/2oz unpreserved	A	NA		3.9	Y	Absent		NYTCL-8081(14)
L2233232-18A	Plastic 2oz unpreserved for TS	A	NA		3.9	Y	Absent		TS(7)
L2233232-18B	Glass 60mL/2oz unpreserved	A	NA		3.9	Y	Absent		NYTCL-8081(14)

*Values in parentheses indicate holding time in days

Project Name:	FOCUSED PHASE II ESA	**Lab Number:**	L2233232
Project Number:	EA2119	**Report Date:**	07/07/22

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

Project Name:	FOCUSED PHASE II ESA	**Lab Number:**	L2233232
Project Number:	EA2119	**Report Date:**	07/07/22

Footnotes

1 - The reference for this analyte should be considered modified since this analyte is absent from the target analyte list of the original method.

Terms

Analytical Method: Both the document from which the method originates and the analytical reference method. (Example: EPA 8260B is shown as 1,8260B.) The codes for the reference method documents are provided in the References section of the Addendum.

Chlordane: The target compound Chlordane (CAS No. 57-74-9) is reported for GC ECD analyses. Per EPA,this compound "refers to a mixture of chlordane isomers, other chlorinated hydrocarbons and numerous other components." (Reference: USEPA Toxicological Review of Chlordane, In Support of Summary Information on the Integrated Risk Information System (IRIS), December 1997.)

Difference: With respect to Total Oxidizable Precursor (TOP) Assay analysis, the difference is defined as the Post-Treatment value minus the Pre-Treatment value.

Final pH: As it pertains to Sample Receipt & Container Information section of the report, Final pH reflects pH of container determined after adjustment at the laboratory, if applicable. If no adjustment required, value reflects Initial pH.

Frozen Date/Time: With respect to Volatile Organics in soil, Frozen Date/Time reflects the date/time at which associated Reagent Water-preserved vials were initially frozen. Note: If frozen date/time is beyond 48 hours from sample collection, value will be reflected in 'bold'.

Gasoline Range Organics (GRO): Gasoline Range Organics (GRO) results include all chromatographic peaks eluting from Methyl tert butyl ether through Naphthalene, with the exception of GRO analysis in support of State of Ohio programs, which includes all chromatographic peaks eluting from Hexane through Dodecane.

Initial pH: As it pertains to Sample Receipt & Container Information section of the report, Initial pH reflects pH of container determined upon receipt, if applicable.

PAH Total: With respect to Alkylated PAH analyses, the 'PAHs, Total' result is defined as the summation of results for all or a subset of the following compounds: Naphthalene, C1-C4 Naphthalenes, 2-Methylnaphthalene, 1-Methylnaphthalene, Biphenyl, Acenaphthylene, Acenaphthene, Fluorene, C1-C3 Fluorenes, Phenanthrene, C1-C4 Phenanthrenes/Anthracenes, Anthracene, Fluoranthene, Pyrene, C1-C4 Fluoranthenes/Pyrenes, Benz(a)anthracene, Chrysene, C1-C4 Chrysenes, Benzo(b)fluoranthene, Benzo(j)+(k)fluoranthene, Benzo(e)pyrene, Benzo(a)pyrene, Perylene, Indeno(1,2,3-cd)pyrene, Dibenz(ah)+(ac)anthracene, Benzo(g,h,i)perylene. If a 'Total' result is requested, the results of its individual components will also be reported.

PFAS Total: With respect to PFAS analyses, the 'PFAS, Total (5)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA and PFOS. In addition, the 'PFAS, Total (6)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA, PFDA and PFOS. For MassDEP DW compliance analysis only, the 'PFAS, Total (6)' result is defined as the summation of results at or above the RL. Note: If a 'Total' result is requested, the results of its individual components will also be reported.

Total: With respect to Organic analyses, a 'Total' result is defined as the summation of results for individual isomers or Aroclors. If a 'Total' result is requested, the results of its individual components will also be reported. This is applicable to 'Total' results for methods 8260, 8081 and 8082.

Data Qualifiers

A - Spectra identified as "Aldol Condensates" are byproducts of the extraction/concentration procedures when acetone is introduced in the process.

B - The analyte was detected above the reporting limit in the associated method blank. Flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For MCP-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For DOD-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank AND the analyte was detected above one-half the reporting limit (or above the reporting limit for common lab contaminants) in the associated method blank. For NJ-Air-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte above the reporting limit. For NJ-related projects (excluding Air), flag only applies to associated field samples that have detectable concentrations of the analyte, which was detected above the reporting limit in the associated method blank or above five times the reporting limit for common lab contaminants (Phthalates, Acetone, Methylene Chloride, 2-Butanone).

C - Co-elution: The target analyte co-elutes with a known lab standard (i.e. surrogate, internal standards, etc.) for co-extracted analyses.

D - Concentration of analyte was quantified from diluted analysis. Flag only applies to field samples that have detectable concentrations of the analyte.

E - Concentration of analyte exceeds the range of the calibration curve and/or linear range of the instrument.

F - The ratio of quantifier ion response to qualifier ion response falls outside of the laboratory criteria. Results are considered to be an estimated maximum concentration.

G - The concentration may be biased high due to matrix interferences (i.e, co-elution) with non-target compound(s). The result should be considered estimated.

H - The analysis of pH was performed beyond the regulatory-required holding time of 15 minutes from the time of sample collection.

I - The lower value for the two columns has been reported due to obvious interference.

J - Estimated value. The Target analyte concentration is below the quantitation limit (RL), but above the Method Detection Limit (MDL) or Estimated Detection Limit (EDL) for SPME-related analyses. This represents an estimated concentration for Tentatively

Report Format: DU Report with 'J' Qualifiers

Project Name:	FOCUSED PHASE II ESA	**Lab Number:**	L2233232
Project Number:	EA2119	**Report Date:**	07/07/22

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:	FOCUSED PHASE II ESA	**Lab Number:**	L2233232
Project Number:	EA2119	**Report Date:**	07/07/22

REFERENCES

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

121 Standard Methods for the Examination of Water and Wastewater. APHA-AWWA-WEF. Standard Methods Online.

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.

ALPHA ANALYTICAL

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

NEW YORK CHAIN OF CUSTODY

Service Centers
Mahwah, NJ 07430: 35 Whitney Rd, Suite 5
Albany, NY 12205: 14 Walker Way
Tonawanda, NY 14150: 275 Cooper Ave, Suite 105

Page 1 of 2

Date Rec'd in Lab: 6/23/22

ALPHA Job #: L2233232

Client Information

Client: Environmental Advantage
Address: 3636 N Buffalo Rd
Orchard Park NY 14127
Phone: 716-667-3130
Fax: 716-667-3156
Email: mhanna@envadvantage.com

Project Information

Project Name: Focused Phase II ESA
Project Location: 4780 Sheridan Dr. Amherst, NY
Project #: EA2119
(Use Project name as Project #)
Project Manager: Mark Hanna + Eric Betzold
ALPHAQuote #:

Turn-Around Time

Standard: X
Rush (only if pre approved):
Due Date:
# of Days:

These samples have been previously analyzed by Alpha

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# EA2119

Disposal Site Information

Please identify below location of applicable disposal facilities.

Disposal Facility:
- NJ
- NY
- Other:

Other project specific requirements/comments:

Additionally email results to ebetzold & MSzustak@envadvantage.com

Please specify Metals or TAL.

ANALYSIS

T: Pesticides Method 8081
TS

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	T: Pesticides Method 8081	TS	Sample Specific Comments	Total Bottle
33232-01	MS-050 (0-6")	6/22/22	8:15am	Soil	EB	X	X		2
-02	MS-051 (6-12")		8:25am	Soil	EB	X	X		2
-03	MS-052 (0-6")		8:35am	Soil	EB	X	X		2
-04	MS-053 (0-6")		8:50am	Soil	EB	X	X		2
-05	MS-066 (0-6")		10:00am	Soil	EB	X	X		2
-06	MS-067 (6-12")		10:05am	Soil	EB	X	X		2
-07	MS-065 (6-12")		10:10am	Soil	EB	X	X		2
-08	MS-054 (0-6")		10:15am	Soil	EB	X	X		2
-09	MS-055 (6-12")		10:20am	Soil	EB	X	X		2
-10	MS-056 (0-6")		10:25am	Soil	EB	X	X		2

Container Type	A	P
Preservative	A	A

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

Relinquished By:	Date/Time	Received By:	Date/Time
Mary Szustak	6/22/22 15:10	Jon Kl AAL	6/22/22 15:10
Jon Kl AAL	6/22/22 15:55		6/23/22 00:30

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)

ALPHA ANALYTICAL

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

NEW YORK CHAIN OF CUSTODY

Service Centers
Mahwah, NJ 07430: 35 Whitney Rd, Suite 5
Albany, NY 12205: 14 Walker Way
Tonawanda, NY 14150: 275 Cooper Ave, Suite 105

Page 2 of 2

Date Rec'd in Lab: 6/23/22

ALPHA Job # L2233232

Client Information

Client: Env. Advantage Inc.
Address: 3636 N. Buffalo Rd
Orchard Park NY 14127
Phone: 716-667-3130
Fax: 716-667-3156
Email: mhanna@envadvantage.com

Project Information

Project Name: Focused phase II ESA
Project Location: 4780 Sheridan Dr. Amherst, NY
Project #: EA2119
(Use Project name as Project #) ☐
Project Manager: Mark Hanna + Eric Betzold
ALPHAQuote #:

Turn-Around Time

Standard ☒ Due Date:
Rush (only if pre approved) ☐ # of Days:

These samples have been previously analyzed by Alpha ☐

Other project specific requirements/comments:
Additionally email results to ebetzold and mszustak @envadvantage.com

Please specify Metals or TAL.

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 # EA2119

Disposal Site Information

Please identify below location of applicable disposal facilities.
Disposal Facility:
☐ NJ ☐ NY
☐ Other:

ANALYSIS

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	Target Pesticides Method 8081	TS	Sample Specific Comments	Total Bottle
33232-11	MS-058 (0-6")	6/22/22	10:30am	Soil	EB	X	X		2
-12	MS-063 (0-6")		10:35am	Soil		X	X		2
-13	MS-059 (0-6")		11:45am			X	X		2
-14	MS-064 (0-6")		11:50am			X	X		2
-15	MS-057 (6-12")		11:55am			X	X		2
-16	MS-060 (0-6")		12:00pm			X	X		2
-17	MS-061 (6-12")		12:10pm			X	X		2
-18	MS-062 (0-6")		12:15pm			X	X		2

Container Type: A P
Preservative: A A

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

Relinquished By:	Date/Time	Received By:	Date/Time
Mary Szustak	6/22/22 15:10	AAL	6/22/22 15:10
AAL	6/22/22 15:55		6/23/22 0030

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)

Attachment D

Objectives and Limitations

OBJECTIVES AND LIMITATIONS

Environmental Advantage, Inc. (EA) has endeavored to meet what it believes is the applicable standard of care for the services completed and, in doing so, is obliged to advise our Clients of the Focused Phase II Environmental Site Assessment (ESA) limitations. EA believes that providing information about limitations is essential to help our Clients identify and thereby manage risks. These risks can be mitigated, and possibly eliminated, through additional research or investigation. EA will, upon request, advise our Clients of the additional research opportunities available and their associated costs.

The findings and opinions conveyed via this ESA report are based upon information obtained during the performance of the investigation, and which EA believes is reliable. EA cannot, and does not warrant, the authenticity or reliability of the information sources it has relied upon in the development of the scope of work for this ESA. In those instances where additional services or service enhancements are included in the report as requested or authorized by the Clients, specific limitations attendant to those services are presented in the text of the report.

The final report represents EA's service to our Clients as of the report date. In that regard, the report constitutes EA's final document, and the text of the report may not be altered in any manner after final issuance of same. Opinions relative to environmental conditions presented in this report are based upon information derived from the most recent site investigation date and from other activities described herein. The Clients are herewith advised that the conditions observed by EA are subject to change. Certain indicators of the presence of hazardous materials may have been latent or not present at the time of the most recent site reconnaissance and may have subsequently become observable. In similar manner, the research effort conducted for a Phase II ESA is limited. Accordingly, it is possible that EA's investigative activities, while fully appropriate for a Phase II ESA and in compliance with the scope of service, may not include identify other important environmental conditions. Assuming such conditions exist, information suggesting their presence may not have been considered in the formulation of the scope of services or EA’s findings and conclusions.

The final report is not a comprehensive site characterization or regulatory compliance audit and should not be construed as such. The opinions presented in this report are based upon findings derived from a site reconnaissance, a review of previously completed ESA(s), and on-site investigative activities. Specifically, EA does not, and cannot, represent that the Site contains no hazardous or toxic materials, products, or other latent conditions beyond that observed by EA during its Site assessment. Further, the services herein shall in no way be construed, designed or intended to be relied upon as legal interpretation or advice.