



August 7, 2023

Saugerties Farms LLC
Attn: Mr. John Mullen, Mr. Tony Montano, and Mr. Randy Richers
PO Box 683 Saugerties, NY 12477
Sent via email c/o Chris LaPorta claporta@passero.com

RE: Screening Level Soil Sampling Summary Report
Winston Farm, Saugerties, New York
LaBella Project No. 2232640

Dear Mr. Mullen, Mr. Montano, and Mr. Richers:

LaBella Associates D.P.C. (LaBella) is pleased to submit this summary letter report associated with screening level soil sampling conducted at the above referenced Winston Farm Property, hereinafter referred to as the ("Site"). A Phase I Environmental Site Assessment (ESA) Report prepared by JMT of New York, Inc. (JMT) in June 2020 identified historical agricultural activities at the Site including a dairy farm and orchards. The report noted that it is possible that pesticides were applied to the agricultural portions of the Site but that according to ASTM standards, normal use and application of these chemical does not constitute a recognized environmental condition (REC). Given the planned redevelopment of the Site that may disturb soil or result in direct contact with soil in residential yards, LaBella was requested to perform a screening level soil sampling investigation at the Site.

LaBella conducted shallow soil screening on June 29, 2023, at various locations in the eastern fields and orchard to assess for evidence of residual pesticides, arsenic, lead, and mercury. Sample locations are depicted on the attached figure. Sampling was completed consistent with the scope of services specified in our proposal dated June 1, 2023, and included collection of a total of 13 soil samples submitted for laboratory analysis. LaBella's methods, observations, results, conclusions, and recommendations are included in the following sections. Supporting documentation is attached.

Shallow Soil Sample Collection

In each of the six (6) areas outlined on the attached figure, a LaBella environmental professional collected five-point composite soil samples from two depth intervals (0 to 2 inches below grade, and 6 to 8 inches below grade), for a total of six (6) composite samples. In addition, one background soil sample (0 to 2 inches below grade) was collected from an area north of the former orchard area, understood to have no or limited past agricultural use, to assess background metals concentrations in the Subject Property soil.

Soil samples were sent to York Analytical Laboratory (York) in Stratford, Connecticut, and analyzed for pesticides using USEPA Method 8081 and for arsenic, lead, and mercury using USEPA Methods 6010 and 7473. The background soil sample was analyzed for arsenic, lead, and mercury to help interpret the significance of the other sample results.

Analytical Results Summary

Laboratory analytical data were reviewed, tabulated, and compared to the 6 NYCRR Part 375-6.8 Unrestricted Use Soil Cleanup Objectives (UUSCOs), and as additional points of reference, the soil results table also includes the Part 375 Residential Use SCO (RUSCOs), which are applicable to sites



in a NYSDEC remediation program but can be helpful in property evaluation. Findings are summarized below, and a data summary table and the laboratory analytical report are attached.

- No pesticide concentrations greater than the laboratory method detection limit were reported in the analyzed samples.
- Arsenic was reported at concentrations slightly greater than its RUSCO of 16 milligrams per kilogram (mg/kg) in all soil samples collected. Concentrations ranged from 16.7 mg/kg in the background soil sample WF-BACK(0-2in), to 33.9 mg/kg in the southwest agricultural field from 6 to 8 inches below grade WF-SW(6-8in). The Site average arsenic concentration was 23.1 mg/kg. The higher concentrations were generally noted in the samples collected from the 6 to 8-inch depth interval.
- A lead concentration of 67.6 mg/kg was reported in soil sample WF-NW(6-8in) from the northwest agricultural field (former orchard) that slightly exceeds its UUSCO (63 mg/kg) but less than its RUSCO (400 mg/kg).
- A mercury concentration of 0.212 mg/kg was reported in soil sample WF-N Cent(6-8in) from the north-central agricultural field that slightly exceeds its UUSCO (0.18 mg/kg) but less than its RUSCO (0.81 mg/kg).

Conclusions and Recommendations

LaBella conducted a screening level soil investigation in the vicinity of a former orchard and agricultural fields in the eastern portion of the Site where there was a lack of information pertaining to prior agricultural use, pesticide use, and surrounding soils.

Thirteen (13) soil samples including a background sample were collected across six (6) sampling areas, shown on the attached figure. Analytical results indicated arsenic concentrations greater than its RUSCO at all sample locations in both sampling intervals, and including the background sample.

Arsenic concentrations across the Site are greater than background levels and RUSCO, and lead and mercury were reported at concentrations in one location each greater than their UUSCOs but less than their RUSCOs. While these concentrations are not expected to require remediation under current use of the Subject Property, based on a planned site redevelopment for residential use, a soil cover program (pavement, building, or two feet of clean soil) is recommended to prevent direct contact by future residents. When disturbed, these soils should be handled properly to minimize contact and exposure. If the soil will be disposed of off-site, it will be considered solid waste requiring proper disposal as they are not “clean fill” as defined by NYSDEC.

Limitations

The information presented herein summarizes the activities in the project Site areas. The data and conclusions represent those portions of the Site analyzed as of the date of the fieldwork, and they are not relevant to any other portions of this Site or any other property. LaBella also cannot be held accountable for activities or events that may have affected the distribution of detected compounds after the date of the fieldwork.

The scope of work for this project is based on generally accepted practices and established protocols and the scope of work identified in LaBella’s proposal dated June 1, 2023. The findings and conclusions are, therefore, properly considered probabilities based on professional judgment and



available Site data, but do not constitute absolute certainty that all possible compounds have now been identified on this Site.

Please feel free to contact me at (518) 266-7355 or Arlette St. Romain at (518) 824-1928 if you have any questions regarding this report.

Respectfully submitted,

LaBella Associates

Branson Fields
Environmental Scientist

Attachments

Figure 1 – Soil Sample Locations

Table 1 – Soil Sample Laboratory Analytical Results Summary

Laboratory Analytical Report (York)

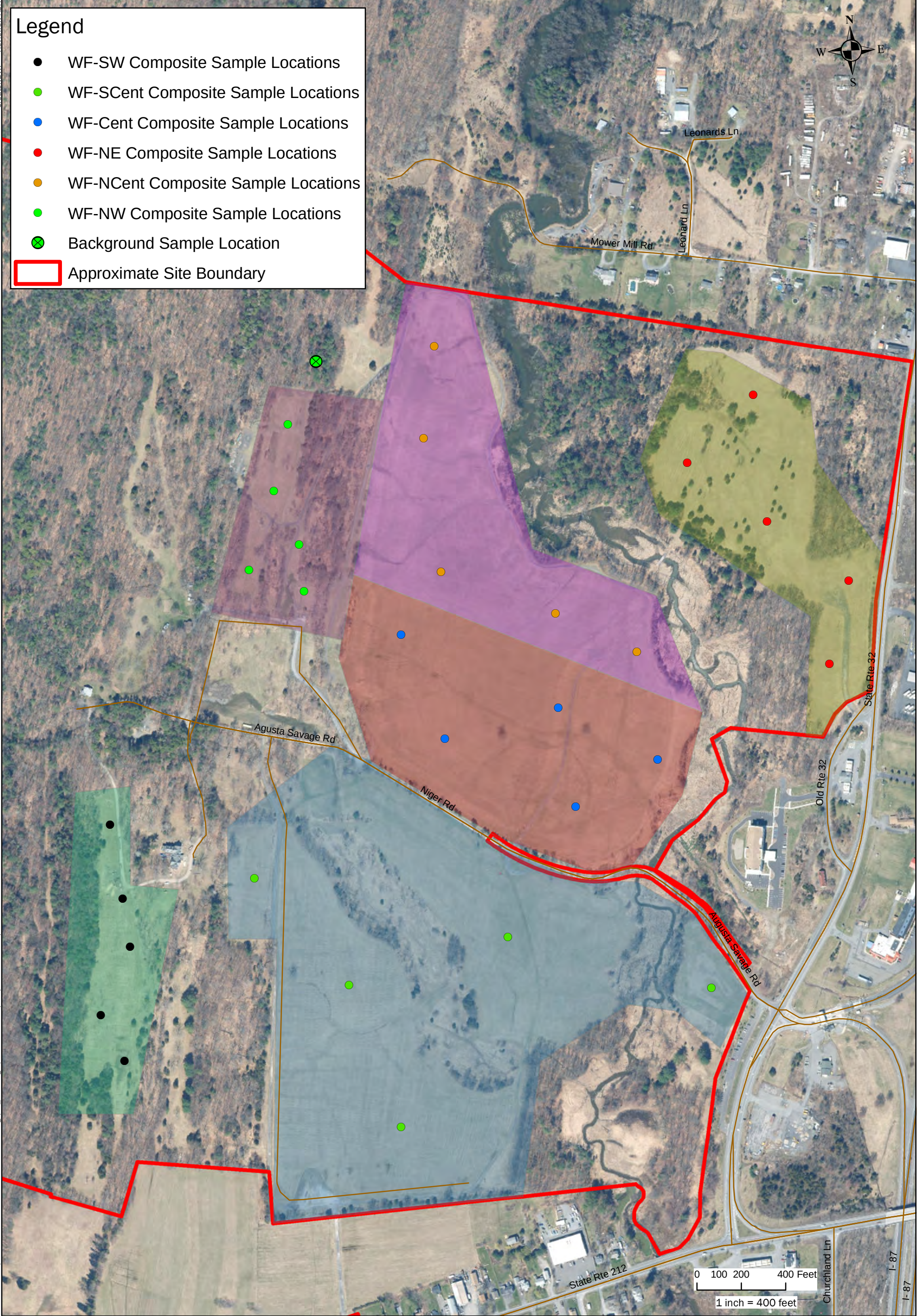
Path: B:\GLOBAL\Projects\Saugerties Farms LLC\2232640 - Winston Farm Soil Screening\06_Drawings\Environmental\sample location map.mxd

Creator: BWF

Reviewer: ASP

Legend

- WF-SW Composite Sample Locations
- WF-SCent Composite Sample Locations
- WF-Cent Composite Sample Locations
- WF-NE Composite Sample Locations
- WF-NCent Composite Sample Locations
- WF-NW Composite Sample Locations
- Background Sample Location
- Approximate Site Boundary



Saugerties Farm LLC

Winston Farm
Saugerties, New York
LaBella Project No: 2232640
Date: 7/18/2023

Screening Level Soil
Sample Location Map
FIGURE 1

Table 1
Soil Sample Laboraroy Analytical results Summary
Winston Fam, Town of Saugerties, Ulster County, New York
LaBella Project No. 2232640

Sample Location	NYSDEC Part 375 Unrestricted Use Soil Cleanup Objectives	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives- Residential	Background Sample	South Central Agricultural Field			Southwest Agricultural Field		Central Agricultural Field		Northwest Agricultural Field (Former Orchard)		North Central Agricultural Field		Northeast Agricultural Field	
Sample ID			WF-BACK (0-2 in)	WF-SCent (0-2 in)	WF-SCent (6-8 in)	WF-SW (0-2 in)	WF-SW (6-8 in)	WF-Cent (0-2 in)	WF-Cent (6-8 in)	WF-NW (0-2 in)	WF-NW (6-8 in)	WF-N Cent (0-2 in)	WF-N Cent (6-8 in)	WF-NE (0-2 in)	WF-NE (6-8 in)	
Laboratory ID			23F2019-09	23F2019-01	23F2019-02	23F2019-03	23F2019-04	23F2019-05	23F2019-06	23F2019-07	23F2019-08	23F2019-10	23F2019-11	23F2019-12	23F2019-13	
Sampling Date/Time			6/29/2023 13:05	6/29/2023 9:05	6/29/2023 9:10	6/29/2023 10:15	6/29/2023 10:20	6/29/2023 11:35	6/29/2023 11:40	6/29/2023 12:45	6/29/2023 12:50	6/29/2023 14:00	6/29/2023 14:05	6/29/2023 15:15	6/29/2023 15:20	
Sample Depth Interval (in. bgs)			0 to 2	0 to 2	6 to 8	0 to 2	6 to 8	0 to 2	6 to 8	0 to 2	6 to 8	0 to 2	6 to 8	0 to 2	6 to 8	0 to 2
Compound			Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	
Pesticides, 8081 target list																
4,4'-DDD	0.0033	2.6	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
4,4'-DDE	0.0033	1.8	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
4,4'-DDT	0.0033	1.7	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
Aldrin	0.005	0.019	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
alpha-BHC	0.02	0.097	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
alpha-Chlordane	0.094	0.91	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
beta-BHC	0.036	0.072	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
Chlordane, total	~	~	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
delta-BHC	0.04	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
Dieldrin	0.005	0.039	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
Endosulfan I	2.4	4.8	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
Endosulfan II	2.4	4.8	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
Endosulfan sulfate	2.4	4.8	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
Endrin	0.014	2.2	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
Endrin aldehyde	~	~	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
Endrin ketone	~	~	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
gamma-BHC (Lindane)	0.1	0.28	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
gamma-Chlordane	~	~	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
Heptachlor	0.042	0.42	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
Heptachlor epoxide	~	~	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
Methoxychlor	~	~	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
Toxaphene	~	~	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
Arsenic by EPA 6010																
Arsenic	13	16	16.7	21.4	22.2	22.3	33.9	18.7	29.6	27.7	23.1	20.4	21.9	19.1	24.4	
Lead by EPA 6010																
Lead	63	400	40.1	34.8	35.4	47.4	45.7	37.8	48	59.4	67.6	38.5	37.9	40.8	45	
Mercury by 7473																
Mercury	0.18	0.81	0.0991	0.0833	0.0797	0.118	0.0881	0.0674	0.0600	0.0598	0.0619	0.0659	0.212	0.0548	0.0556	
Total Solids																
% Solids	~	~	64.9	67.9	76.5	67.4	76.2	67.2	81.8	70.2	76.9	74	74.2	68.8	73.9	

NOTES:
Exceedances of NYSDEC Part 375-6 soil cleanup objectives (SCOs) are formatted consistent with the SCO column headers.
All SCO values and sample results reported in milligrams per kilogram (mg/kg) or parts per million (ppm)
ND = Not Dectected - the analyte is not detected at or above the reporting limitit (RL) or method detection limit (MDL)
~ - Indicates that no regulatory limit has been established for this analyte.



Technical Report

prepared for:

LaBella Associates (Latham)

4 British American Boulevard

Latham NY, 12110

Attention: Branson Fields

Report Date: 07/12/2023

Client Project ID: 2232640 Winston Farm

York Project (SDG) No.: 23F2019

CT Cert. No. PH-0723

New Jersey Cert. No. CT005 and NY037



New York Cert. Nos. 10854 and 12058

PA Cert. No. 68-04440

120 RESEARCH DRIVE
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132-02 89th AVENUE
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RICHMOND HILL, NY 11418
ClientServices@yorklab.com

Report Date: 07/12/2023
Client Project ID: 2232640 Winston Farm
York Project (SDG) No.: 23F2019

LaBella Associates (Latham)
4 British American Boulevard
Latham NY, 12110
Attention: Branson Fields

Purpose and Results

This report contains the analytical data for the sample(s) identified on the attached chain-of-custody received in our laboratory on June 30, 2023 and listed below. The project was identified as your project: **2232640 Winston Farm**.

The analyses were conducted utilizing appropriate EPA, Standard Methods, and ASTM methods as detailed in the data summary tables.

All samples were received in proper condition meeting the customary acceptance requirements for environmental samples except those indicated under the Sample and Analysis Qualifiers section of this report.

All analyses met the method and laboratory standard operating procedure requirements except as indicated by any data flags, the meaning of which are explained in the Sample and Data Qualifiers Relating to This Work Order section of this report and case narrative if applicable.

The results of the analyses, which are all reported on dry weight basis (soils) unless otherwise noted, are detailed in the following pages.

Please contact Client Services at 203.325.1371 with any questions regarding this report.

<u>York Sample ID</u>	<u>Client Sample ID</u>	<u>Matrix</u>	<u>Date Collected</u>	<u>Date Received</u>
23F2019-01	WF-SCent (0-2 in)	Soil	06/29/2023	06/30/2023
23F2019-02	WF-SCent (6-8 in)	Soil	06/29/2023	06/30/2023
23F2019-03	WF-SW (0-2 in)	Soil	06/29/2023	06/30/2023
23F2019-04	WF-SW (6-8 in)	Soil	06/29/2023	06/30/2023
23F2019-05	WF-Cent (0-2 in)	Soil	06/29/2023	06/30/2023
23F2019-06	WF-Cent (6-8 in)	Soil	06/29/2023	06/30/2023
23F2019-07	WF-NW (0-2 in)	Soil	06/29/2023	06/30/2023
23F2019-08	WF-NW (6-8 in)	Soil	06/29/2023	06/30/2023
23F2019-09	WF-BACK (0-2 in)	Soil	06/29/2023	06/30/2023
23F2019-10	WF-N Cent (0-2 in)	Soil	06/29/2023	06/30/2023
23F2019-11	WF-N Cent (6-8 in)	Soil	06/29/2023	06/30/2023
23F2019-12	WF-NE (0-2 in)	Soil	06/29/2023	06/30/2023
23F2019-13	WF-NE (6-8 in)	Soil	06/29/2023	06/30/2023

General Notes for York Project (SDG) No.: 23F2019

1. The RLs and MDLs (Reporting Limit and Method Detection Limit respectively) reported are adjusted for any dilution necessary due to the levels of target and/or non-target analytes and matrix interference. The RL(REPORTING LIMIT) is based upon the lowest standard utilized for the calibration where applicable.
2. Samples are retained for a period of thirty days after submittal of report, unless other arrangements are made.
3. York's liability for the above data is limited to the dollar value paid to York for the referenced project.
4. This report shall not be reproduced without the written approval of York Analytical Laboratories, Inc.
5. All analyses conducted met method or Laboratory SOP requirements. See the Sample and Data Qualifiers Section for further information.
6. It is noted that no analyses reported herein were subcontracted to another laboratory, unless noted in the report.
7. This report reflects results that relate only to the samples submitted on the attached chain-of-custody form(s) received by York.
8. Analyses conducted at York Analytical Laboratories, Inc. Stratford, CT are indicated by NY Cert. No. 10854; those conducted at York Analytical Laboratories, Inc., Richmond Hill, NY are indicated by NY Cert. No. 12058.

Approved By: 

Cassie L. Mosher
Laboratory Manager

Date: 07/12/2023





Sample Information

Client Sample ID: WF-SCent (0-2 in)

York Sample ID: 23F2019-01

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

23F2019

2232640 Winston Farm

Soil

June 29, 2023 9:05 am

06/30/2023

Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		mg/kg dry	0.00242	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/05/2023 20:00	07/07/2023 15:09	SCB
72-55-9	4,4'-DDE	ND		mg/kg dry	0.00242	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/05/2023 20:00	07/07/2023 15:09	SCB
50-29-3	4,4'-DDT	ND		mg/kg dry	0.00242	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/05/2023 20:00	07/07/2023 15:09	SCB
309-00-2	Aldrin	ND		mg/kg dry	0.00242	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/05/2023 20:00	07/07/2023 15:09	SCB
319-84-6	alpha-BHC	ND		mg/kg dry	0.00242	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/05/2023 20:00	07/07/2023 15:09	SCB
5103-71-9	alpha-Chlordane	ND		mg/kg dry	0.00242	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/05/2023 20:00	07/07/2023 15:09	SCB
319-85-7	beta-BHC	ND		mg/kg dry	0.00242	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/05/2023 20:00	07/07/2023 15:09	SCB
57-74-9	Chlordane, total	ND		mg/kg dry	0.0485	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/05/2023 20:00	07/07/2023 15:09	SCB
319-86-8	delta-BHC	ND		mg/kg dry	0.00242	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/05/2023 20:00	07/07/2023 15:09	SCB
60-57-1	Dieldrin	ND		mg/kg dry	0.00242	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/05/2023 20:00	07/07/2023 15:09	SCB
959-98-8	Endosulfan I	ND		mg/kg dry	0.00242	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/05/2023 20:00	07/07/2023 15:09	SCB
33213-65-9	Endosulfan II	ND		mg/kg dry	0.00242	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/05/2023 20:00	07/07/2023 15:09	SCB
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00242	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/05/2023 20:00	07/07/2023 15:09	SCB
72-20-8	Endrin	ND		mg/kg dry	0.00242	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/05/2023 20:00	07/07/2023 15:09	SCB
7421-93-4	Endrin aldehyde	ND		mg/kg dry	0.00242	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/05/2023 20:00	07/07/2023 15:09	SCB
53494-70-5	Endrin ketone	ND		mg/kg dry	0.00242	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/05/2023 20:00	07/07/2023 15:09	SCB
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00242	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/05/2023 20:00	07/07/2023 15:09	SCB
5566-34-7	gamma-Chlordane	ND		mg/kg dry	0.00242	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/05/2023 20:00	07/07/2023 15:09	SCB
76-44-8	Heptachlor	ND		mg/kg dry	0.00242	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/05/2023 20:00	07/07/2023 15:09	SCB
1024-57-3	Heptachlor epoxide	ND		mg/kg dry	0.00242	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/05/2023 20:00	07/07/2023 15:09	SCB
72-43-5	Methoxychlor	ND		mg/kg dry	0.0121	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/05/2023 20:00	07/07/2023 15:09	SCB
8001-35-2	Toxaphene	ND		mg/kg dry	0.123	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/05/2023 20:00	07/07/2023 15:09	SCB

Surrogate Recoveries

Result

Acceptance Range

120 RESEARCH DRIVE

STRATFORD, CT 06615



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Sample Information

Client Sample ID: WF-SCent (0-2 in)

York Sample ID: 23F2019-01

York Project (SDG) No.

23F2019

Client Project ID

2232640 Winston Farm

Matrix

Soil

Collection Date/Time

June 29, 2023 9:05 am

Date Received

06/30/2023

Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
2051-24-3	Surrogate: Decachlorobiphenyl	88.1 %			30-150					
877-09-8	Surrogate: Tetrachloro-m-xylene	67.6 %			30-150					

Arsenic by EPA 6010

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-38-2	Arsenic	21.4		mg/kg dry	1.53	1	EPA 6010D	07/06/2023 15:43	07/11/2023 18:02	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		

Lead by EPA 6010

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-92-1	Lead	34.8		mg/kg dry	0.512	1	EPA 6010D	07/06/2023 15:43	07/11/2023 18:02	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	0.0833		mg/kg dry	0.0442	1	EPA 7473	07/07/2023 13:44	07/09/2023 10:05	AGNR
							Certifications:	CTDOH-PH-0723,NJDEP,NELAC-NY10854,PADEP		

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	* % Solids	67.9		%	0.100	1	SM 2540G	07/05/2023 13:18	07/05/2023 16:11	sgs
							Certifications:	CTDOH-PH-0723		

Sample Information

Client Sample ID: WF-SCent (6-8 in)

York Sample ID: 23F2019-02

York Project (SDG) No.

23F2019

Client Project ID

2232640 Winston Farm

Matrix

Soil

Collection Date/Time

June 29, 2023 9:10 am

Date Received

06/30/2023

Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

120 RESEARCH DRIVE

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Sample Information

Client Sample ID: WF-SCent (6-8 in)

York Sample ID: 23F2019-02

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

23F2019

2232640 Winston Farm

Soil

June 29, 2023 9:10 am

06/30/2023

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		mg/kg dry	0.00214	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/05/2023 20:00	07/07/2023 15:28	SCB
72-55-9	4,4'-DDE	ND		mg/kg dry	0.00214	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/05/2023 20:00	07/07/2023 15:28	SCB
50-29-3	4,4'-DDT	ND		mg/kg dry	0.00214	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/05/2023 20:00	07/07/2023 15:28	SCB
309-00-2	Aldrin	ND		mg/kg dry	0.00214	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/05/2023 20:00	07/07/2023 15:28	SCB
319-84-6	alpha-BHC	ND		mg/kg dry	0.00214	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/05/2023 20:00	07/07/2023 15:28	SCB
5103-71-9	alpha-Chlordane	ND		mg/kg dry	0.00214	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/05/2023 20:00	07/07/2023 15:28	SCB
319-85-7	beta-BHC	ND		mg/kg dry	0.00214	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/05/2023 20:00	07/07/2023 15:28	SCB
57-74-9	Chlordane, total	ND		mg/kg dry	0.0427	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/05/2023 20:00	07/07/2023 15:28	SCB
319-86-8	delta-BHC	ND		mg/kg dry	0.00214	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/05/2023 20:00	07/07/2023 15:28	SCB
60-57-1	Dieldrin	ND		mg/kg dry	0.00214	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/05/2023 20:00	07/07/2023 15:28	SCB
959-98-8	Endosulfan I	ND		mg/kg dry	0.00214	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/05/2023 20:00	07/07/2023 15:28	SCB
33213-65-9	Endosulfan II	ND		mg/kg dry	0.00214	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,PADEP	07/05/2023 20:00	07/07/2023 15:28	SCB
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00214	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/05/2023 20:00	07/07/2023 15:28	SCB
72-20-8	Endrin	ND		mg/kg dry	0.00214	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/05/2023 20:00	07/07/2023 15:28	SCB
7421-93-4	Endrin aldehyde	ND		mg/kg dry	0.00214	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/05/2023 20:00	07/07/2023 15:28	SCB
53494-70-5	Endrin ketone	ND		mg/kg dry	0.00214	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/05/2023 20:00	07/07/2023 15:28	SCB
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00214	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/05/2023 20:00	07/07/2023 15:28	SCB
5566-34-7	gamma-Chlordane	ND		mg/kg dry	0.00214	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/05/2023 20:00	07/07/2023 15:28	SCB
76-44-8	Heptachlor	ND		mg/kg dry	0.00214	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/05/2023 20:00	07/07/2023 15:28	SCB
1024-57-3	Heptachlor epoxide	ND		mg/kg dry	0.00214	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/05/2023 20:00	07/07/2023 15:28	SCB
72-43-5	Methoxychlor	ND		mg/kg dry	0.0107	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/05/2023 20:00	07/07/2023 15:28	SCB
8001-35-2	Toxaphene	ND		mg/kg dry	0.108	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/05/2023 20:00	07/07/2023 15:28	SCB
Surrogate Recoveries		Result	Acceptance Range							
2051-24-3	Surrogate: Decachlorobiphenyl	77.7 %	30-150							
877-09-8	Surrogate: Tetrachloro-m-xylene	59.7 %	30-150							



Sample Information

Client Sample ID: WF-SCent (6-8 in)

York Sample ID: 23F2019-02

York Project (SDG) No.

23F2019

Client Project ID

2232640 Winston Farm

Matrix

Soil

Collection Date/Time

June 29, 2023 9:10 am

Date Received

06/30/2023

Arsenic by EPA 6010

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-38-2	Arsenic	22.2		mg/kg dry	1.36	1	EPA 6010D	07/06/2023 15:43	07/11/2023 18:04	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		

Lead by EPA 6010

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-92-1	Lead	35.4		mg/kg dry	0.455	1	EPA 6010D	07/06/2023 15:43	07/11/2023 18:04	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	0.0797		mg/kg dry	0.0392	1	EPA 7473	07/07/2023 13:44	07/09/2023 10:05	AGNR
							Certifications:	CTDOH-PH-0723,NJDEP,NELAC-NY10854,PADEP		

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	* % Solids	76.5		%	0.100	1	SM 2540G	07/05/2023 13:18	07/05/2023 16:11	sgs
							Certifications:	CTDOH-PH-0723		

Sample Information

Client Sample ID: WF-SW (0-2 in)

York Sample ID: 23F2019-03

York Project (SDG) No.

23F2019

Client Project ID

2232640 Winston Farm

Matrix

Soil

Collection Date/Time

June 29, 2023 10:15 am

Date Received

06/30/2023

Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		mg/kg dry	0.00240	5	EPA 8081B	07/05/2023 20:00	07/07/2023 15:47	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
72-55-9	4,4'-DDE	ND		mg/kg dry	0.00240	5	EPA 8081B	07/05/2023 20:00	07/07/2023 15:47	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		



Sample Information

Client Sample ID: WF-SW (0-2 in)

York Sample ID: 23F2019-03

York Project (SDG) No.

23F2019

Client Project ID

2232640 Winston Farm

Matrix

Soil

Collection Date/Time

June 29, 2023 10:15 am

Date Received

06/30/2023

Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
50-29-3	4,4'-DDT	ND		mg/kg dry	0.00240	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/05/2023 20:00	07/07/2023 15:47	SCB
309-00-2	Aldrin	ND		mg/kg dry	0.00240	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/05/2023 20:00	07/07/2023 15:47	SCB
319-84-6	alpha-BHC	ND		mg/kg dry	0.00240	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/05/2023 20:00	07/07/2023 15:47	SCB
5103-71-9	alpha-Chlordane	ND		mg/kg dry	0.00240	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/05/2023 20:00	07/07/2023 15:47	SCB
319-85-7	beta-BHC	ND		mg/kg dry	0.00240	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/05/2023 20:00	07/07/2023 15:47	SCB
57-74-9	Chlordane, total	ND		mg/kg dry	0.0480	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/05/2023 20:00	07/07/2023 15:47	SCB
319-86-8	delta-BHC	ND		mg/kg dry	0.00240	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/05/2023 20:00	07/07/2023 15:47	SCB
60-57-1	Dieldrin	ND		mg/kg dry	0.00240	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/05/2023 20:00	07/07/2023 15:47	SCB
959-98-8	Endosulfan I	ND		mg/kg dry	0.00240	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/05/2023 20:00	07/07/2023 15:47	SCB
33213-65-9	Endosulfan II	ND		mg/kg dry	0.00240	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,PADEP	07/05/2023 20:00	07/07/2023 15:47	SCB
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00240	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/05/2023 20:00	07/07/2023 15:47	SCB
72-20-8	Endrin	ND		mg/kg dry	0.00240	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/05/2023 20:00	07/07/2023 15:47	SCB
7421-93-4	Endrin aldehyde	ND		mg/kg dry	0.00240	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/05/2023 20:00	07/07/2023 15:47	SCB
53494-70-5	Endrin ketone	ND		mg/kg dry	0.00240	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/05/2023 20:00	07/07/2023 15:47	SCB
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00240	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/05/2023 20:00	07/07/2023 15:47	SCB
5566-34-7	gamma-Chlordane	ND		mg/kg dry	0.00240	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/05/2023 20:00	07/07/2023 15:47	SCB
76-44-8	Heptachlor	ND		mg/kg dry	0.00240	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/05/2023 20:00	07/07/2023 15:47	SCB
1024-57-3	Heptachlor epoxide	ND		mg/kg dry	0.00240	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/05/2023 20:00	07/07/2023 15:47	SCB
72-43-5	Methoxychlor	ND		mg/kg dry	0.0120	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/05/2023 20:00	07/07/2023 15:47	SCB
8001-35-2	Toxaphene	ND		mg/kg dry	0.121	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/05/2023 20:00	07/07/2023 15:47	SCB
Surrogate Recoveries		Result	Acceptance Range							
2051-24-3	Surrogate: Decachlorobiphenyl	92.3 %	30-150							
877-09-8	Surrogate: Tetrachloro-m-xylene	70.0 %	30-150							

Arsenic by EPA 6010

Log-in Notes:

Sample Notes:



Sample Information

Client Sample ID: WF-SW (0-2 in)

York Sample ID: 23F2019-03

York Project (SDG) No.

23F2019

Client Project ID

2232640 Winston Farm

Matrix

Soil

Collection Date/Time

June 29, 2023 10:15 am

Date Received

06/30/2023

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-38-2	Arsenic	22.3		mg/kg dry	1.55	1	EPA 6010D	07/06/2023 15:43	07/11/2023 18:19	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		

Lead by EPA 6010

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-92-1	Lead	47.4		mg/kg dry	0.516	1	EPA 6010D	07/06/2023 15:43	07/11/2023 18:19	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	0.118		mg/kg dry	0.0445	1	EPA 7473	07/07/2023 13:44	07/09/2023 10:05	AGNR
							Certifications:	CTDOH-PH-0723,NJDEP,NELAC-NY10854,PADEP		

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	* % Solids	67.4		%	0.100	1	SM 2540G	07/05/2023 13:18	07/05/2023 16:11	sgs
							Certifications:	CTDOH-PH-0723		

Sample Information

Client Sample ID: WF-SW (6-8 in)

York Sample ID: 23F2019-04

York Project (SDG) No.

23F2019

Client Project ID

2232640 Winston Farm

Matrix

Soil

Collection Date/Time

June 29, 2023 10:20 am

Date Received

06/30/2023

Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		mg/kg dry	0.00216	5	EPA 8081B	07/05/2023 20:00	07/07/2023 16:06	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
72-55-9	4,4'-DDE	ND		mg/kg dry	0.00216	5	EPA 8081B	07/05/2023 20:00	07/07/2023 16:06	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
50-29-3	4,4'-DDT	ND		mg/kg dry	0.00216	5	EPA 8081B	07/05/2023 20:00	07/07/2023 16:06	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		



Sample Information

Client Sample ID: WF-SW (6-8 in)

York Sample ID: 23F2019-04

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

23F2019

2232640 Winston Farm

Soil

June 29, 2023 10:20 am

06/30/2023

7440-38-2 **Arsenic** **33.9** mg/kg dry 1.37 1 EPA 6010D 07/06/2023 15:43 07/11/2023 18:22 CEG
Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP

Lead by EPA 6010

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-92-1	Lead	45.7		mg/kg dry	0.456	1	EPA 6010D	07/06/2023 15:43	07/11/2023 18:22	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	0.0881		mg/kg dry	0.0393	1	EPA 7473	07/07/2023 14:05	07/07/2023 15:20	AGNR
							Certifications:	CTDOH-PH-0723,NJDEP,NELAC-NY10854,PADEP		

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	* % Solids	76.2		%	0.100	1	SM 2540G	07/05/2023 13:18	07/05/2023 16:11	sgs
							Certifications:	CTDOH-PH-0723		

Sample Information

Client Sample ID: WF-Cent (0-2 in)

York Sample ID: 23F2019-05

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

23F2019

2232640 Winston Farm

Soil

June 29, 2023 11:35 am

06/30/2023

Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		mg/kg dry	0.00243	5	EPA 8081B	07/05/2023 20:00	07/07/2023 16:25	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
72-55-9	4,4'-DDE	ND		mg/kg dry	0.00243	5	EPA 8081B	07/05/2023 20:00	07/07/2023 16:25	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
50-29-3	4,4'-DDT	ND		mg/kg dry	0.00243	5	EPA 8081B	07/05/2023 20:00	07/07/2023 16:25	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
309-00-2	Aldrin	ND		mg/kg dry	0.00243	5	EPA 8081B	07/05/2023 20:00	07/07/2023 16:25	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
319-84-6	alpha-BHC	ND		mg/kg dry	0.00243	5	EPA 8081B	07/05/2023 20:00	07/07/2023 16:25	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		



Sample Information

Client Sample ID: WF-Cent (0-2 in)

York Sample ID: 23F2019-05

York Project (SDG) No.

23F2019

Client Project ID

2232640 Winston Farm

Matrix

Soil

Collection Date/Time

June 29, 2023 11:35 am

Date Received

06/30/2023

Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
5103-71-9	alpha-Chlordane	ND		mg/kg dry	0.00243	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/05/2023 20:00	07/07/2023 16:25	SCB
319-85-7	beta-BHC	ND		mg/kg dry	0.00243	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/05/2023 20:00	07/07/2023 16:25	SCB
57-74-9	Chlordane, total	ND		mg/kg dry	0.0486	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/05/2023 20:00	07/07/2023 16:25	SCB
319-86-8	delta-BHC	ND		mg/kg dry	0.00243	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/05/2023 20:00	07/07/2023 16:25	SCB
60-57-1	Dieldrin	ND		mg/kg dry	0.00243	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/05/2023 20:00	07/07/2023 16:25	SCB
959-98-8	Endosulfan I	ND		mg/kg dry	0.00243	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/05/2023 20:00	07/07/2023 16:25	SCB
33213-65-9	Endosulfan II	ND		mg/kg dry	0.00243	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,PADEP	07/05/2023 20:00	07/07/2023 16:25	SCB
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00243	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/05/2023 20:00	07/07/2023 16:25	SCB
72-20-8	Endrin	ND		mg/kg dry	0.00243	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/05/2023 20:00	07/07/2023 16:25	SCB
7421-93-4	Endrin aldehyde	ND		mg/kg dry	0.00243	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/05/2023 20:00	07/07/2023 16:25	SCB
53494-70-5	Endrin ketone	ND		mg/kg dry	0.00243	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/05/2023 20:00	07/07/2023 16:25	SCB
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00243	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/05/2023 20:00	07/07/2023 16:25	SCB
5566-34-7	gamma-Chlordane	ND		mg/kg dry	0.00243	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/05/2023 20:00	07/07/2023 16:25	SCB
76-44-8	Heptachlor	ND		mg/kg dry	0.00243	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/05/2023 20:00	07/07/2023 16:25	SCB
1024-57-3	Heptachlor epoxide	ND		mg/kg dry	0.00243	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/05/2023 20:00	07/07/2023 16:25	SCB
72-43-5	Methoxychlor	ND		mg/kg dry	0.0122	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/05/2023 20:00	07/07/2023 16:25	SCB
8001-35-2	Toxaphene	ND		mg/kg dry	0.123	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/05/2023 20:00	07/07/2023 16:25	SCB
Surrogate Recoveries		Result	Acceptance Range							
2051-24-3	Surrogate: Decachlorobiphenyl	74.2 %	30-150							
877-09-8	Surrogate: Tetrachloro-m-xylene	57.1 %	30-150							

Arsenic by EPA 6010

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-38-2	Arsenic	18.7		mg/kg dry	1.55	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/06/2023 15:43	07/11/2023 18:24	CEG



Sample Information

Client Sample ID: WF-Cent (0-2 in)

York Sample ID: 23F2019-05

York Project (SDG) No.

23F2019

Client Project ID

2232640 Winston Farm

Matrix

Soil

Collection Date/Time

June 29, 2023 11:35 am

Date Received

06/30/2023

Lead by EPA 6010

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-92-1	Lead	37.8		mg/kg dry	0.517	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/06/2023 15:43	07/11/2023 18:24	CEG

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	0.0674		mg/kg dry	0.0447	1	EPA 7473 Certifications: CTDOH-PH-0723,NJDEP,NELAC-NY10854,PADEP	07/07/2023 14:05	07/07/2023 15:48	AGNR

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	* % Solids	67.2		%	0.100	1	SM 2540G Certifications: CTDOH-PH-0723	07/05/2023 13:18	07/05/2023 16:11	sgs

Sample Information

Client Sample ID: WF-Cent (6-8 in)

York Sample ID: 23F2019-06

York Project (SDG) No.

23F2019

Client Project ID

2232640 Winston Farm

Matrix

Soil

Collection Date/Time

June 29, 2023 11:40 am

Date Received

06/30/2023

Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		mg/kg dry	0.00200	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/05/2023 20:00	07/07/2023 16:44	SCB
72-55-9	4,4'-DDE	ND		mg/kg dry	0.00200	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/05/2023 20:00	07/07/2023 16:44	SCB
50-29-3	4,4'-DDT	ND		mg/kg dry	0.00200	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/05/2023 20:00	07/07/2023 16:44	SCB
309-00-2	Aldrin	ND		mg/kg dry	0.00200	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/05/2023 20:00	07/07/2023 16:44	SCB
319-84-6	alpha-BHC	ND		mg/kg dry	0.00200	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/05/2023 20:00	07/07/2023 16:44	SCB
5103-71-9	alpha-Chlordane	ND		mg/kg dry	0.00200	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/05/2023 20:00	07/07/2023 16:44	SCB
319-85-7	beta-BHC	ND		mg/kg dry	0.00200	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/05/2023 20:00	07/07/2023 16:44	SCB



Sample Information

Client Sample ID: WF-Cent (6-8 in)

York Sample ID: 23F2019-06

York Project (SDG) No.

23F2019

Client Project ID

2232640 Winston Farm

Matrix

Soil

Collection Date/Time

June 29, 2023 11:40 am

Date Received

06/30/2023

Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-74-9	Chlordane, total	ND		mg/kg dry	0.0401	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/05/2023 20:00	07/07/2023 16:44	SCB
319-86-8	delta-BHC	ND		mg/kg dry	0.00200	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/05/2023 20:00	07/07/2023 16:44	SCB
60-57-1	Dieldrin	ND		mg/kg dry	0.00200	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/05/2023 20:00	07/07/2023 16:44	SCB
959-98-8	Endosulfan I	ND		mg/kg dry	0.00200	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/05/2023 20:00	07/07/2023 16:44	SCB
33213-65-9	Endosulfan II	ND		mg/kg dry	0.00200	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,PADEP	07/05/2023 20:00	07/07/2023 16:44	SCB
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00200	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/05/2023 20:00	07/07/2023 16:44	SCB
72-20-8	Endrin	ND		mg/kg dry	0.00200	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/05/2023 20:00	07/07/2023 16:44	SCB
7421-93-4	Endrin aldehyde	ND		mg/kg dry	0.00200	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/05/2023 20:00	07/07/2023 16:44	SCB
53494-70-5	Endrin ketone	ND		mg/kg dry	0.00200	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/05/2023 20:00	07/07/2023 16:44	SCB
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00200	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/05/2023 20:00	07/07/2023 16:44	SCB
5566-34-7	gamma-Chlordane	ND		mg/kg dry	0.00200	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/05/2023 20:00	07/07/2023 16:44	SCB
76-44-8	Heptachlor	ND		mg/kg dry	0.00200	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/05/2023 20:00	07/07/2023 16:44	SCB
1024-57-3	Heptachlor epoxide	ND		mg/kg dry	0.00200	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/05/2023 20:00	07/07/2023 16:44	SCB
72-43-5	Methoxychlor	ND		mg/kg dry	0.0100	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/05/2023 20:00	07/07/2023 16:44	SCB
8001-35-2	Toxaphene	ND		mg/kg dry	0.101	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/05/2023 20:00	07/07/2023 16:44	SCB
Surrogate Recoveries		Result	Acceptance Range							
2051-24-3	Surrogate: Decachlorobiphenyl	83.2 %	30-150							
877-09-8	Surrogate: Tetrachloro-m-xylene	61.9 %	30-150							

Arsenic by EPA 6010

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-38-2	Arsenic	29.6		mg/kg dry	1.27	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/06/2023 15:43	07/11/2023 18:27	CEG

Lead by EPA 6010

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
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Sample Information

Client Sample ID: WF-Cent (6-8 in)

York Sample ID: 23F2019-06

York Project (SDG) No.

23F2019

Client Project ID

2232640 Winston Farm

Matrix

Soil

Collection Date/Time

June 29, 2023 11:40 am

Date Received

06/30/2023

Lead by EPA 6010

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-92-1	Lead	48.0		mg/kg dry	0.425	1	EPA 6010D	07/06/2023 15:43	07/11/2023 18:27	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	0.0600		mg/kg dry	0.0367	1	EPA 7473	07/07/2023 14:05	07/07/2023 15:55	AGNR
							Certifications:	CTDOH-PH-0723,NJDEP,NELAC-NY10854,PADEP		

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	* % Solids	81.8		%	0.100	1	SM 2540G	07/05/2023 13:18	07/05/2023 16:11	sgs
							Certifications:	CTDOH-PH-0723		

Sample Information

Client Sample ID: WF-NW (0-2 in)

York Sample ID: 23F2019-07

York Project (SDG) No.

23F2019

Client Project ID

2232640 Winston Farm

Matrix

Soil

Collection Date/Time

June 29, 2023 12:45 pm

Date Received

06/30/2023

Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		mg/kg dry	0.00233	5	EPA 8081B	07/05/2023 20:00	07/07/2023 17:03	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
72-55-9	4,4'-DDE	ND		mg/kg dry	0.00233	5	EPA 8081B	07/05/2023 20:00	07/07/2023 17:03	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
50-29-3	4,4'-DDT	ND		mg/kg dry	0.00233	5	EPA 8081B	07/05/2023 20:00	07/07/2023 17:03	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
309-00-2	Aldrin	ND		mg/kg dry	0.00233	5	EPA 8081B	07/05/2023 20:00	07/07/2023 17:03	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
319-84-6	alpha-BHC	ND		mg/kg dry	0.00233	5	EPA 8081B	07/05/2023 20:00	07/07/2023 17:03	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
5103-71-9	alpha-Chlordane	ND		mg/kg dry	0.00233	5	EPA 8081B	07/05/2023 20:00	07/07/2023 17:03	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		



Sample Information

Client Sample ID: WF-NW (0-2 in)

York Sample ID: 23F2019-07

York Project (SDG) No.

23F2019

Client Project ID

2232640 Winston Farm

Matrix

Soil

Collection Date/Time

June 29, 2023 12:45 pm

Date Received

06/30/2023

Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
319-85-7	beta-BHC	ND		mg/kg dry	0.00233	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/05/2023 20:00	07/07/2023 17:03	SCB
57-74-9	Chlordane, total	ND		mg/kg dry	0.0467	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/05/2023 20:00	07/07/2023 17:03	SCB
319-86-8	delta-BHC	ND		mg/kg dry	0.00233	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/05/2023 20:00	07/07/2023 17:03	SCB
60-57-1	Dieldrin	ND		mg/kg dry	0.00233	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/05/2023 20:00	07/07/2023 17:03	SCB
959-98-8	Endosulfan I	ND		mg/kg dry	0.00233	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/05/2023 20:00	07/07/2023 17:03	SCB
33213-65-9	Endosulfan II	ND		mg/kg dry	0.00233	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,PADEP	07/05/2023 20:00	07/07/2023 17:03	SCB
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00233	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/05/2023 20:00	07/07/2023 17:03	SCB
72-20-8	Endrin	ND		mg/kg dry	0.00233	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/05/2023 20:00	07/07/2023 17:03	SCB
7421-93-4	Endrin aldehyde	ND		mg/kg dry	0.00233	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/05/2023 20:00	07/07/2023 17:03	SCB
53494-70-5	Endrin ketone	ND		mg/kg dry	0.00233	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/05/2023 20:00	07/07/2023 17:03	SCB
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00233	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/05/2023 20:00	07/07/2023 17:03	SCB
5566-34-7	gamma-Chlordane	ND		mg/kg dry	0.00233	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/05/2023 20:00	07/07/2023 17:03	SCB
76-44-8	Heptachlor	ND		mg/kg dry	0.00233	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/05/2023 20:00	07/07/2023 17:03	SCB
1024-57-3	Heptachlor epoxide	ND		mg/kg dry	0.00233	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/05/2023 20:00	07/07/2023 17:03	SCB
72-43-5	Methoxychlor	ND		mg/kg dry	0.0117	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/05/2023 20:00	07/07/2023 17:03	SCB
8001-35-2	Toxaphene	ND		mg/kg dry	0.118	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/05/2023 20:00	07/07/2023 17:03	SCB
Surrogate Recoveries		Result	Acceptance Range							
2051-24-3	Surrogate: Decachlorobiphenyl	75.1 %	30-150							
877-09-8	Surrogate: Tetrachloro-m-xylene	58.1 %	30-150							

Arsenic by EPA 6010

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-38-2	Arsenic	27.7		mg/kg dry	1.48	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/06/2023 15:43	07/11/2023 18:29	CEG

Lead by EPA 6010

Log-in Notes:

Sample Notes:



Sample Information

Client Sample ID: WF-NW (0-2 in)

York Sample ID: 23F2019-07

York Project (SDG) No.

23F2019

Client Project ID

2232640 Winston Farm

Matrix

Soil

Collection Date/Time

June 29, 2023 12:45 pm

Date Received

06/30/2023

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-92-1	Lead	59.4		mg/kg dry	0.495	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/06/2023 15:43	07/11/2023 18:29	CEG

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	0.0598		mg/kg dry	0.0427	1	EPA 7473 Certifications: CTDOH-PH-0723,NJDEP,NELAC-NY10854,PADEP	07/07/2023 14:05	07/07/2023 16:04	AGNR

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	* % Solids	70.2		%	0.100	1	SM 2540G Certifications: CTDOH-PH-0723	07/05/2023 13:18	07/05/2023 16:11	sgs

Sample Information

Client Sample ID: WF-NW (6-8 in)

York Sample ID: 23F2019-08

York Project (SDG) No.

23F2019

Client Project ID

2232640 Winston Farm

Matrix

Soil

Collection Date/Time

June 29, 2023 12:50 pm

Date Received

06/30/2023

Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		mg/kg dry	0.00208	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/05/2023 20:00	07/07/2023 17:22	SCB
72-55-9	4,4'-DDE	ND		mg/kg dry	0.00208	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/05/2023 20:00	07/07/2023 17:22	SCB
50-29-3	4,4'-DDT	ND		mg/kg dry	0.00208	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/05/2023 20:00	07/07/2023 17:22	SCB
309-00-2	Aldrin	ND		mg/kg dry	0.00208	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/05/2023 20:00	07/07/2023 17:22	SCB
319-84-6	alpha-BHC	ND		mg/kg dry	0.00208	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/05/2023 20:00	07/07/2023 17:22	SCB
5103-71-9	alpha-Chlordane	ND		mg/kg dry	0.00208	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/05/2023 20:00	07/07/2023 17:22	SCB
319-85-7	beta-BHC	ND		mg/kg dry	0.00208	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/05/2023 20:00	07/07/2023 17:22	SCB



Sample Information

Client Sample ID: WF-NW (6-8 in)

York Sample ID: 23F2019-08

York Project (SDG) No.

23F2019

Client Project ID

2232640 Winston Farm

Matrix

Soil

Collection Date/Time

June 29, 2023 12:50 pm

Date Received

06/30/2023

Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-74-9	Chlordane, total	ND		mg/kg dry	0.0417	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/05/2023 20:00	07/07/2023 17:22	SCB
319-86-8	delta-BHC	ND		mg/kg dry	0.00208	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/05/2023 20:00	07/07/2023 17:22	SCB
60-57-1	Dieldrin	ND		mg/kg dry	0.00208	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/05/2023 20:00	07/07/2023 17:22	SCB
959-98-8	Endosulfan I	ND		mg/kg dry	0.00208	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/05/2023 20:00	07/07/2023 17:22	SCB
33213-65-9	Endosulfan II	ND		mg/kg dry	0.00208	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,PADEP	07/05/2023 20:00	07/07/2023 17:22	SCB
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00208	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/05/2023 20:00	07/07/2023 17:22	SCB
72-20-8	Endrin	ND		mg/kg dry	0.00208	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/05/2023 20:00	07/07/2023 17:22	SCB
7421-93-4	Endrin aldehyde	ND		mg/kg dry	0.00208	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/05/2023 20:00	07/07/2023 17:22	SCB
53494-70-5	Endrin ketone	ND		mg/kg dry	0.00208	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/05/2023 20:00	07/07/2023 17:22	SCB
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00208	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/05/2023 20:00	07/07/2023 17:22	SCB
5566-34-7	gamma-Chlordane	ND		mg/kg dry	0.00208	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/05/2023 20:00	07/07/2023 17:22	SCB
76-44-8	Heptachlor	ND		mg/kg dry	0.00208	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/05/2023 20:00	07/07/2023 17:22	SCB
1024-57-3	Heptachlor epoxide	ND		mg/kg dry	0.00208	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/05/2023 20:00	07/07/2023 17:22	SCB
72-43-5	Methoxychlor	ND		mg/kg dry	0.0104	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/05/2023 20:00	07/07/2023 17:22	SCB
8001-35-2	Toxaphene	ND		mg/kg dry	0.105	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/05/2023 20:00	07/07/2023 17:22	SCB
Surrogate Recoveries		Result	Acceptance Range							
2051-24-3	Surrogate: Decachlorobiphenyl	64.5 %	30-150							
877-09-8	Surrogate: Tetrachloro-m-xylene	47.1 %	30-150							

Arsenic by EPA 6010

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-38-2	Arsenic	23.1		mg/kg dry	1.35	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/06/2023 15:43	07/11/2023 18:32	CEG

Lead by EPA 6010

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
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Sample Information

Client Sample ID: WF-NW (6-8 in)

York Sample ID: 23F2019-08

York Project (SDG) No.

23F2019

Client Project ID

2232640 Winston Farm

Matrix

Soil

Collection Date/Time

June 29, 2023 12:50 pm

Date Received

06/30/2023

Lead by EPA 6010

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-92-1	Lead	67.6		mg/kg dry	0.452	1	EPA 6010D	07/06/2023 15:43	07/11/2023 18:32	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	0.0619		mg/kg dry	0.0390	1	EPA 7473	07/07/2023 14:05	07/07/2023 16:13	AGNR
							Certifications:	CTDOH-PH-0723,NJDEP,NELAC-NY10854,PADEP		

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	* % Solids	76.9		%	0.100	1	SM 2540G	07/05/2023 13:18	07/05/2023 16:11	sgs
							Certifications:	CTDOH-PH-0723		

Sample Information

Client Sample ID: WF-BACK (0-2 in)

York Sample ID: 23F2019-09

York Project (SDG) No.

23F2019

Client Project ID

2232640 Winston Farm

Matrix

Soil

Collection Date/Time

June 29, 2023 1:05 pm

Date Received

06/30/2023

Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		mg/kg dry	0.00253	5	EPA 8081B	07/05/2023 20:00	07/07/2023 18:20	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
72-55-9	4,4'-DDE	ND		mg/kg dry	0.00253	5	EPA 8081B	07/05/2023 20:00	07/07/2023 18:20	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
50-29-3	4,4'-DDT	ND		mg/kg dry	0.00253	5	EPA 8081B	07/05/2023 20:00	07/07/2023 18:20	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
309-00-2	Aldrin	ND		mg/kg dry	0.00253	5	EPA 8081B	07/05/2023 20:00	07/07/2023 18:20	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
319-84-6	alpha-BHC	ND		mg/kg dry	0.00253	5	EPA 8081B	07/05/2023 20:00	07/07/2023 18:20	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
5103-71-9	alpha-Chlordane	ND		mg/kg dry	0.00253	5	EPA 8081B	07/05/2023 20:00	07/07/2023 18:20	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		



Sample Information

Client Sample ID: WF-BACK (0-2 in)

York Sample ID: 23F2019-09

York Project (SDG) No.

23F2019

Client Project ID

2232640 Winston Farm

Matrix

Soil

Collection Date/Time

June 29, 2023 1:05 pm

Date Received

06/30/2023

Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
319-85-7	beta-BHC	ND		mg/kg dry	0.00253	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/05/2023 20:00	07/07/2023 18:20	SCB
57-74-9	Chlordane, total	ND		mg/kg dry	0.0507	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/05/2023 20:00	07/07/2023 18:20	SCB
319-86-8	delta-BHC	ND		mg/kg dry	0.00253	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/05/2023 20:00	07/07/2023 18:20	SCB
60-57-1	Dieldrin	ND		mg/kg dry	0.00253	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/05/2023 20:00	07/07/2023 18:20	SCB
959-98-8	Endosulfan I	ND		mg/kg dry	0.00253	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/05/2023 20:00	07/07/2023 18:20	SCB
33213-65-9	Endosulfan II	ND		mg/kg dry	0.00253	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,PADEP	07/05/2023 20:00	07/07/2023 18:20	SCB
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00253	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/05/2023 20:00	07/07/2023 18:20	SCB
72-20-8	Endrin	ND		mg/kg dry	0.00253	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/05/2023 20:00	07/07/2023 18:20	SCB
7421-93-4	Endrin aldehyde	ND		mg/kg dry	0.00253	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/05/2023 20:00	07/07/2023 18:20	SCB
53494-70-5	Endrin ketone	ND		mg/kg dry	0.00253	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/05/2023 20:00	07/07/2023 18:20	SCB
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00253	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/05/2023 20:00	07/07/2023 18:20	SCB
5566-34-7	gamma-Chlordane	ND		mg/kg dry	0.00253	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/05/2023 20:00	07/07/2023 18:20	SCB
76-44-8	Heptachlor	ND		mg/kg dry	0.00253	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/05/2023 20:00	07/07/2023 18:20	SCB
1024-57-3	Heptachlor epoxide	ND		mg/kg dry	0.00253	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/05/2023 20:00	07/07/2023 18:20	SCB
72-43-5	Methoxychlor	ND		mg/kg dry	0.0127	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/05/2023 20:00	07/07/2023 18:20	SCB
8001-35-2	Toxaphene	ND		mg/kg dry	0.128	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/05/2023 20:00	07/07/2023 18:20	SCB
Surrogate Recoveries		Result	Acceptance Range							
2051-24-3	Surrogate: Decachlorobiphenyl	132 %	30-150							
877-09-8	Surrogate: Tetrachloro-m-xylene	106 %	30-150							

Arsenic by EPA 6010

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-38-2	Arsenic	16.7		mg/kg dry	1.61	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/06/2023 15:43	07/11/2023 18:34	CEG

Lead by EPA 6010

Log-in Notes:

Sample Notes:



Sample Information

Client Sample ID: WF-BACK (0-2 in)

York Sample ID: 23F2019-09

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

23F2019

2232640 Winston Farm

Soil

June 29, 2023 1:05 pm

06/30/2023

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-92-1	Lead	40.1		mg/kg dry	0.536	1	EPA 6010D	07/06/2023 15:43	07/11/2023 18:34	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	0.0991		mg/kg dry	0.0462	1	EPA 7473	07/07/2023 14:05	07/07/2023 16:22	AGNR
							Certifications:	CTDOH-PH-0723,NJDEP,NELAC-NY10854,PADEP		

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	* % Solids	64.9		%	0.100	1	SM 2540G	07/05/2023 13:18	07/05/2023 16:11	sgs
							Certifications:	CTDOH-PH-0723		

Sample Information

Client Sample ID: WF-N Cent (0-2 in)

York Sample ID: 23F2019-10

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

23F2019

2232640 Winston Farm

Soil

June 29, 2023 2:00 pm

06/30/2023

Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		mg/kg dry	0.00222	5	EPA 8081B	07/05/2023 20:00	07/07/2023 18:39	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
72-55-9	4,4'-DDE	ND		mg/kg dry	0.00222	5	EPA 8081B	07/05/2023 20:00	07/07/2023 18:39	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
50-29-3	4,4'-DDT	ND		mg/kg dry	0.00222	5	EPA 8081B	07/05/2023 20:00	07/07/2023 18:39	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
309-00-2	Aldrin	ND		mg/kg dry	0.00222	5	EPA 8081B	07/05/2023 20:00	07/07/2023 18:39	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
319-84-6	alpha-BHC	ND		mg/kg dry	0.00222	5	EPA 8081B	07/05/2023 20:00	07/07/2023 18:39	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
5103-71-9	alpha-Chlordane	ND		mg/kg dry	0.00222	5	EPA 8081B	07/05/2023 20:00	07/07/2023 18:39	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
319-85-7	beta-BHC	ND		mg/kg dry	0.00222	5	EPA 8081B	07/05/2023 20:00	07/07/2023 18:39	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		



Sample Information

Client Sample ID: WF-N Cent (0-2 in)

York Sample ID: 23F2019-10

York Project (SDG) No.

23F2019

Client Project ID

2232640 Winston Farm

Matrix

Soil

Collection Date/Time

June 29, 2023 2:00 pm

Date Received

06/30/2023

Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-74-9	Chlordane, total	ND		mg/kg dry	0.0445	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/05/2023 20:00	07/07/2023 18:39	SCB
319-86-8	delta-BHC	ND		mg/kg dry	0.00222	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/05/2023 20:00	07/07/2023 18:39	SCB
60-57-1	Dieldrin	ND		mg/kg dry	0.00222	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/05/2023 20:00	07/07/2023 18:39	SCB
959-98-8	Endosulfan I	ND		mg/kg dry	0.00222	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/05/2023 20:00	07/07/2023 18:39	SCB
33213-65-9	Endosulfan II	ND		mg/kg dry	0.00222	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,PADEP	07/05/2023 20:00	07/07/2023 18:39	SCB
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00222	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/05/2023 20:00	07/07/2023 18:39	SCB
72-20-8	Endrin	ND		mg/kg dry	0.00222	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/05/2023 20:00	07/07/2023 18:39	SCB
7421-93-4	Endrin aldehyde	ND		mg/kg dry	0.00222	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/05/2023 20:00	07/07/2023 18:39	SCB
53494-70-5	Endrin ketone	ND		mg/kg dry	0.00222	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/05/2023 20:00	07/07/2023 18:39	SCB
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00222	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/05/2023 20:00	07/07/2023 18:39	SCB
5566-34-7	gamma-Chlordane	ND		mg/kg dry	0.00222	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/05/2023 20:00	07/07/2023 18:39	SCB
76-44-8	Heptachlor	ND		mg/kg dry	0.00222	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/05/2023 20:00	07/07/2023 18:39	SCB
1024-57-3	Heptachlor epoxide	ND		mg/kg dry	0.00222	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/05/2023 20:00	07/07/2023 18:39	SCB
72-43-5	Methoxychlor	ND		mg/kg dry	0.0111	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/05/2023 20:00	07/07/2023 18:39	SCB
8001-35-2	Toxaphene	ND		mg/kg dry	0.113	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/05/2023 20:00	07/07/2023 18:39	SCB
Surrogate Recoveries		Result	Acceptance Range							
2051-24-3	Surrogate: Decachlorobiphenyl	113 %	30-150							
877-09-8	Surrogate: Tetrachloro-m-xylene	91.1 %	30-150							

Arsenic by EPA 6010

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-38-2	Arsenic	20.4		mg/kg dry	1.41	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/06/2023 15:43	07/11/2023 18:37	CEG

Lead by EPA 6010

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
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Sample Information

Client Sample ID: WF-N Cent (0-2 in)

York Sample ID: 23F2019-10

York Project (SDG) No.

23F2019

Client Project ID

2232640 Winston Farm

Matrix

Soil

Collection Date/Time

June 29, 2023 2:00 pm

Date Received

06/30/2023

Lead by EPA 6010

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-92-1	Lead	38.5		mg/kg dry	0.470	1	EPA 6010D	07/06/2023 15:43	07/11/2023 18:37	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	0.0659		mg/kg dry	0.0406	1	EPA 7473	07/07/2023 14:05	07/07/2023 16:31	AGNR
							Certifications:	CTDOH-PH-0723,NJDEP,NELAC-NY10854,PADEP		

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	* % Solids	74.0		%	0.100	1	SM 2540G	07/05/2023 13:18	07/05/2023 16:11	sgs
							Certifications:	CTDOH-PH-0723		

Sample Information

Client Sample ID: WF-N Cent (6-8 in)

York Sample ID: 23F2019-11

York Project (SDG) No.

23F2019

Client Project ID

2232640 Winston Farm

Matrix

Soil

Collection Date/Time

June 29, 2023 2:05 pm

Date Received

06/30/2023

Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		mg/kg dry	0.00219	5	EPA 8081B	07/05/2023 20:00	07/07/2023 18:58	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
72-55-9	4,4'-DDE	ND		mg/kg dry	0.00219	5	EPA 8081B	07/05/2023 20:00	07/07/2023 18:58	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
50-29-3	4,4'-DDT	ND		mg/kg dry	0.00219	5	EPA 8081B	07/05/2023 20:00	07/07/2023 18:58	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
309-00-2	Aldrin	ND		mg/kg dry	0.00219	5	EPA 8081B	07/05/2023 20:00	07/07/2023 18:58	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
319-84-6	alpha-BHC	ND		mg/kg dry	0.00219	5	EPA 8081B	07/05/2023 20:00	07/07/2023 18:58	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
5103-71-9	alpha-Chlordane	ND		mg/kg dry	0.00219	5	EPA 8081B	07/05/2023 20:00	07/07/2023 18:58	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		



Sample Information

Client Sample ID: WF-N Cent (6-8 in)

York Sample ID: 23F2019-11

York Project (SDG) No.

23F2019

Client Project ID

2232640 Winston Farm

Matrix

Soil

Collection Date/Time

June 29, 2023 2:05 pm

Date Received

06/30/2023

Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
319-85-7	beta-BHC	ND		mg/kg dry	0.00219	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/05/2023 20:00	07/07/2023 18:58	SCB
57-74-9	Chlordane, total	ND		mg/kg dry	0.0439	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/05/2023 20:00	07/07/2023 18:58	SCB
319-86-8	delta-BHC	ND		mg/kg dry	0.00219	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/05/2023 20:00	07/07/2023 18:58	SCB
60-57-1	Dieldrin	ND		mg/kg dry	0.00219	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/05/2023 20:00	07/07/2023 18:58	SCB
959-98-8	Endosulfan I	ND		mg/kg dry	0.00219	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/05/2023 20:00	07/07/2023 18:58	SCB
33213-65-9	Endosulfan II	ND		mg/kg dry	0.00219	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,PADEP	07/05/2023 20:00	07/07/2023 18:58	SCB
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00219	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/05/2023 20:00	07/07/2023 18:58	SCB
72-20-8	Endrin	ND		mg/kg dry	0.00219	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/05/2023 20:00	07/07/2023 18:58	SCB
7421-93-4	Endrin aldehyde	ND		mg/kg dry	0.00219	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/05/2023 20:00	07/07/2023 18:58	SCB
53494-70-5	Endrin ketone	ND		mg/kg dry	0.00219	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/05/2023 20:00	07/07/2023 18:58	SCB
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00219	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/05/2023 20:00	07/07/2023 18:58	SCB
5566-34-7	gamma-Chlordane	ND		mg/kg dry	0.00219	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/05/2023 20:00	07/07/2023 18:58	SCB
76-44-8	Heptachlor	ND		mg/kg dry	0.00219	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/05/2023 20:00	07/07/2023 18:58	SCB
1024-57-3	Heptachlor epoxide	ND		mg/kg dry	0.00219	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/05/2023 20:00	07/07/2023 18:58	SCB
72-43-5	Methoxychlor	ND		mg/kg dry	0.0110	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/05/2023 20:00	07/07/2023 18:58	SCB
8001-35-2	Toxaphene	ND		mg/kg dry	0.111	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/05/2023 20:00	07/07/2023 18:58	SCB
Surrogate Recoveries		Result	Acceptance Range							
2051-24-3	Surrogate: Decachlorobiphenyl	120 %	30-150							
877-09-8	Surrogate: Tetrachloro-m-xylene	93.3 %	30-150							

Arsenic by EPA 6010

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-38-2	Arsenic	21.9		mg/kg dry	1.40	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/06/2023 15:43	07/11/2023 18:39	CEG

Lead by EPA 6010

Log-in Notes:

Sample Notes:



Sample Information

Client Sample ID: WF-N Cent (6-8 in)

York Sample ID: 23F2019-11

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

23F2019

2232640 Winston Farm

Soil

June 29, 2023 2:05 pm

06/30/2023

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-92-1	Lead	37.9		mg/kg dry	0.468	1	EPA 6010D	07/06/2023 15:43	07/11/2023 18:39	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	0.212		mg/kg dry	0.0404	1	EPA 7473	07/07/2023 14:05	07/07/2023 16:41	AGNR
							Certifications:	CTDOH-PH-0723,NJDEP,NELAC-NY10854,PADEP		

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	* % Solids	74.2		%	0.100	1	SM 2540G	07/05/2023 14:40	07/05/2023 17:12	CAM2
							Certifications:	CTDOH-PH-0723		

Sample Information

Client Sample ID: WF-NE (0-2 in)

York Sample ID: 23F2019-12

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

23F2019

2232640 Winston Farm

Soil

June 29, 2023 3:15 pm

06/30/2023

Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		mg/kg dry	0.00237	5	EPA 8081B	07/05/2023 20:00	07/07/2023 19:17	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
72-55-9	4,4'-DDE	ND		mg/kg dry	0.00237	5	EPA 8081B	07/05/2023 20:00	07/07/2023 19:17	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
50-29-3	4,4'-DDT	ND		mg/kg dry	0.00237	5	EPA 8081B	07/05/2023 20:00	07/07/2023 19:17	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
309-00-2	Aldrin	ND		mg/kg dry	0.00237	5	EPA 8081B	07/05/2023 20:00	07/07/2023 19:17	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
319-84-6	alpha-BHC	ND		mg/kg dry	0.00237	5	EPA 8081B	07/05/2023 20:00	07/07/2023 19:17	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
5103-71-9	alpha-Chlordane	ND		mg/kg dry	0.00237	5	EPA 8081B	07/05/2023 20:00	07/07/2023 19:17	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
319-85-7	beta-BHC	ND		mg/kg dry	0.00237	5	EPA 8081B	07/05/2023 20:00	07/07/2023 19:17	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		



Sample Information

Client Sample ID: WF-NE (0-2 in)

York Sample ID: 23F2019-12

York Project (SDG) No.

23F2019

Client Project ID

2232640 Winston Farm

Matrix

Soil

Collection Date/Time

June 29, 2023 3:15 pm

Date Received

06/30/2023

Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-74-9	Chlordane, total	ND		mg/kg dry	0.0473	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/05/2023 20:00	07/07/2023 19:17	SCB
319-86-8	delta-BHC	ND		mg/kg dry	0.00237	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/05/2023 20:00	07/07/2023 19:17	SCB
60-57-1	Dieldrin	ND		mg/kg dry	0.00237	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/05/2023 20:00	07/07/2023 19:17	SCB
959-98-8	Endosulfan I	ND		mg/kg dry	0.00237	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/05/2023 20:00	07/07/2023 19:17	SCB
33213-65-9	Endosulfan II	ND		mg/kg dry	0.00237	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,PADEP	07/05/2023 20:00	07/07/2023 19:17	SCB
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00237	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/05/2023 20:00	07/07/2023 19:17	SCB
72-20-8	Endrin	ND		mg/kg dry	0.00237	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/05/2023 20:00	07/07/2023 19:17	SCB
7421-93-4	Endrin aldehyde	ND		mg/kg dry	0.00237	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/05/2023 20:00	07/07/2023 19:17	SCB
53494-70-5	Endrin ketone	ND		mg/kg dry	0.00237	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/05/2023 20:00	07/07/2023 19:17	SCB
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00237	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/05/2023 20:00	07/07/2023 19:17	SCB
5566-34-7	gamma-Chlordane	ND		mg/kg dry	0.00237	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/05/2023 20:00	07/07/2023 19:17	SCB
76-44-8	Heptachlor	ND		mg/kg dry	0.00237	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/05/2023 20:00	07/07/2023 19:17	SCB
1024-57-3	Heptachlor epoxide	ND		mg/kg dry	0.00237	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/05/2023 20:00	07/07/2023 19:17	SCB
72-43-5	Methoxychlor	ND		mg/kg dry	0.0118	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/05/2023 20:00	07/07/2023 19:17	SCB
8001-35-2	Toxaphene	ND		mg/kg dry	0.120	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/05/2023 20:00	07/07/2023 19:17	SCB
Surrogate Recoveries		Result	Acceptance Range							
2051-24-3	Surrogate: Decachlorobiphenyl	123 %	30-150							
877-09-8	Surrogate: Tetrachloro-m-xylene	95.9 %	30-150							

Arsenic by EPA 6010

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-38-2	Arsenic	19.1		mg/kg dry	1.51	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/06/2023 15:43	07/11/2023 18:42	CEG

Lead by EPA 6010

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
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Sample Information

Client Sample ID: WF-NE (0-2 in)

York Sample ID: 23F2019-12

York Project (SDG) No.

23F2019

Client Project ID

2232640 Winston Farm

Matrix

Soil

Collection Date/Time

June 29, 2023 3:15 pm

Date Received

06/30/2023

Lead by EPA 6010

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-92-1	Lead	40.8		mg/kg dry	0.505	1	EPA 6010D	07/06/2023 15:43	07/11/2023 18:42	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	0.0548		mg/kg dry	0.0436	1	EPA 7473	07/07/2023 14:05	07/07/2023 16:50	AGNR
							Certifications:	CTDOH-PH-0723,NJDEP,NELAC-NY10854,PADEP		

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	* % Solids	68.8		%	0.100	1	SM 2540G	07/05/2023 14:40	07/05/2023 17:12	CAM2
							Certifications:	CTDOH-PH-0723		

Sample Information

Client Sample ID: WF-NE (6-8 in)

York Sample ID: 23F2019-13

York Project (SDG) No.

23F2019

Client Project ID

2232640 Winston Farm

Matrix

Soil

Collection Date/Time

June 29, 2023 3:20 pm

Date Received

06/30/2023

Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		mg/kg dry	0.00221	5	EPA 8081B	07/05/2023 20:00	07/07/2023 19:36	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
72-55-9	4,4'-DDE	ND		mg/kg dry	0.00221	5	EPA 8081B	07/05/2023 20:00	07/07/2023 19:36	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
50-29-3	4,4'-DDT	ND		mg/kg dry	0.00221	5	EPA 8081B	07/05/2023 20:00	07/07/2023 19:36	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
309-00-2	Aldrin	ND		mg/kg dry	0.00221	5	EPA 8081B	07/05/2023 20:00	07/07/2023 19:36	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
319-84-6	alpha-BHC	ND		mg/kg dry	0.00221	5	EPA 8081B	07/05/2023 20:00	07/07/2023 19:36	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
5103-71-9	alpha-Chlordane	ND		mg/kg dry	0.00221	5	EPA 8081B	07/05/2023 20:00	07/07/2023 19:36	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		



Sample Information

Client Sample ID: WF-NE (6-8 in)

York Sample ID: 23F2019-13

York Project (SDG) No.

23F2019

Client Project ID

2232640 Winston Farm

Matrix

Soil

Collection Date/Time

June 29, 2023 3:20 pm

Date Received

06/30/2023

Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
319-85-7	beta-BHC	ND		mg/kg dry	0.00221	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/05/2023 20:00	07/07/2023 19:36	SCB
57-74-9	Chlordane, total	ND		mg/kg dry	0.0442	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/05/2023 20:00	07/07/2023 19:36	SCB
319-86-8	delta-BHC	ND		mg/kg dry	0.00221	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/05/2023 20:00	07/07/2023 19:36	SCB
60-57-1	Dieldrin	ND		mg/kg dry	0.00221	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/05/2023 20:00	07/07/2023 19:36	SCB
959-98-8	Endosulfan I	ND		mg/kg dry	0.00221	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/05/2023 20:00	07/07/2023 19:36	SCB
33213-65-9	Endosulfan II	ND		mg/kg dry	0.00221	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,PADEP	07/05/2023 20:00	07/07/2023 19:36	SCB
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00221	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/05/2023 20:00	07/07/2023 19:36	SCB
72-20-8	Endrin	ND		mg/kg dry	0.00221	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/05/2023 20:00	07/07/2023 19:36	SCB
7421-93-4	Endrin aldehyde	ND		mg/kg dry	0.00221	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/05/2023 20:00	07/07/2023 19:36	SCB
53494-70-5	Endrin ketone	ND		mg/kg dry	0.00221	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/05/2023 20:00	07/07/2023 19:36	SCB
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00221	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/05/2023 20:00	07/07/2023 19:36	SCB
5566-34-7	gamma-Chlordane	ND		mg/kg dry	0.00221	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/05/2023 20:00	07/07/2023 19:36	SCB
76-44-8	Heptachlor	ND		mg/kg dry	0.00221	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/05/2023 20:00	07/07/2023 19:36	SCB
1024-57-3	Heptachlor epoxide	ND		mg/kg dry	0.00221	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/05/2023 20:00	07/07/2023 19:36	SCB
72-43-5	Methoxychlor	ND		mg/kg dry	0.0111	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/05/2023 20:00	07/07/2023 19:36	SCB
8001-35-2	Toxaphene	ND		mg/kg dry	0.112	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/05/2023 20:00	07/07/2023 19:36	SCB
Surrogate Recoveries		Result	Acceptance Range							
2051-24-3	Surrogate: Decachlorobiphenyl	129 %	30-150							
877-09-8	Surrogate: Tetrachloro-m-xylene	100 %	30-150							

Arsenic by EPA 6010

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-38-2	Arsenic	24.4		mg/kg dry	1.41	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/06/2023 15:43	07/11/2023 18:53	CEG

Lead by EPA 6010

Log-in Notes:

Sample Notes:



Sample Information

Client Sample ID: WF-NE (6-8 in)

York Sample ID: 23F2019-13

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

23F2019

2232640 Winston Farm

Soil

June 29, 2023 3:20 pm

06/30/2023

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-92-1	Lead	45.0		mg/kg dry	0.470	1	EPA 6010D	07/06/2023 15:43	07/11/2023 18:53	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	0.0556		mg/kg dry	0.0406	1	EPA 7473	07/07/2023 14:05	07/07/2023 16:59	AGNR
							Certifications:	CTDOH-PH-0723,NJDEP,NELAC-NY10854,PADEP		

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	* % Solids	73.9		%	0.100	1	SM 2540G	07/05/2023 14:40	07/05/2023 17:12	CAM2
							Certifications:	CTDOH-PH-0723		



Analytical Batch Summary

Batch ID: BG30124

Preparation Method: EPA 3550C

Prepared By: AJS

YORK Sample ID	Client Sample ID	Preparation Date
23F2019-01	WF-SCent (0-2 in)	07/05/23
23F2019-02	WF-SCent (6-8 in)	07/05/23
23F2019-03	WF-SW (0-2 in)	07/05/23
23F2019-04	WF-SW (6-8 in)	07/05/23
23F2019-05	WF-Cent (0-2 in)	07/05/23
23F2019-06	WF-Cent (6-8 in)	07/05/23
23F2019-07	WF-NW (0-2 in)	07/05/23
23F2019-08	WF-NW (6-8 in)	07/05/23
23F2019-09	WF-BACK (0-2 in)	07/05/23
23F2019-10	WF-N Cent (0-2 in)	07/05/23
23F2019-11	WF-N Cent (6-8 in)	07/05/23
23F2019-12	WF-NE (0-2 in)	07/05/23
23F2019-13	WF-NE (6-8 in)	07/05/23
BG30124-BLK1	Blank	07/05/23
BG30124-BS1	LCS	07/05/23
BG30124-MS1	Matrix Spike	07/05/23
BG30124-MSD1	Matrix Spike Dup	07/05/23

Batch ID: BG30166

Preparation Method: % Solids Prep

Prepared By: sgs

YORK Sample ID	Client Sample ID	Preparation Date
23F2019-01	WF-SCent (0-2 in)	07/05/23
23F2019-02	WF-SCent (6-8 in)	07/05/23
23F2019-03	WF-SW (0-2 in)	07/05/23
23F2019-04	WF-SW (6-8 in)	07/05/23
23F2019-05	WF-Cent (0-2 in)	07/05/23
23F2019-06	WF-Cent (6-8 in)	07/05/23
23F2019-07	WF-NW (0-2 in)	07/05/23
23F2019-08	WF-NW (6-8 in)	07/05/23
23F2019-09	WF-BACK (0-2 in)	07/05/23
23F2019-10	WF-N Cent (0-2 in)	07/05/23
BG30166-DUP1	Duplicate	07/05/23

Batch ID: BG30173

Preparation Method: % Solids Prep

Prepared By: PMB

YORK Sample ID	Client Sample ID	Preparation Date
23F2019-11	WF-N Cent (6-8 in)	07/05/23
23F2019-12	WF-NE (0-2 in)	07/05/23
23F2019-13	WF-NE (6-8 in)	07/05/23
BG30173-DUP1	Duplicate	07/05/23

Batch ID: BG30281

Preparation Method: EPA 3050B

Prepared By: KMQ

YORK Sample ID	Client Sample ID	Preparation Date
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23F2019-01	WF-SCent (0-2 in)	07/06/23
23F2019-02	WF-SCent (6-8 in)	07/06/23
23F2019-03	WF-SW (0-2 in)	07/06/23
23F2019-04	WF-SW (6-8 in)	07/06/23
23F2019-05	WF-Cent (0-2 in)	07/06/23
23F2019-06	WF-Cent (6-8 in)	07/06/23
23F2019-07	WF-NW (0-2 in)	07/06/23
23F2019-08	WF-NW (6-8 in)	07/06/23
23F2019-09	WF-BACK (0-2 in)	07/06/23
23F2019-10	WF-N Cent (0-2 in)	07/06/23
23F2019-11	WF-N Cent (6-8 in)	07/06/23
23F2019-12	WF-NE (0-2 in)	07/06/23
23F2019-13	WF-NE (6-8 in)	07/06/23
BG30281-BLK1	Blank	07/06/23
BG30281-DUP1	Duplicate	07/06/23
BG30281-MS1	Matrix Spike	07/06/23
BG30281-PS1	Post Spike	07/06/23
BG30281-SRM1	Reference	07/06/23

Batch ID: BG30335 **Preparation Method:** EPA 7473 soil **Prepared By:** AGNR

YORK Sample ID	Client Sample ID	Preparation Date
23F2019-01	WF-SCent (0-2 in)	07/07/23
23F2019-02	WF-SCent (6-8 in)	07/07/23
23F2019-03	WF-SW (0-2 in)	07/07/23
BG30335-BLK1	Blank	07/07/23
BG30335-DUP1	Duplicate	07/07/23
BG30335-MS1	Matrix Spike	07/07/23
BG30335-SRM1	Reference	07/07/23

Batch ID: BG30336 **Preparation Method:** EPA 7473 soil **Prepared By:** AGNR

YORK Sample ID	Client Sample ID	Preparation Date
23F2019-04	WF-SW (6-8 in)	07/07/23
23F2019-05	WF-Cent (0-2 in)	07/07/23
23F2019-06	WF-Cent (6-8 in)	07/07/23
23F2019-07	WF-NW (0-2 in)	07/07/23
23F2019-08	WF-NW (6-8 in)	07/07/23
23F2019-09	WF-BACK (0-2 in)	07/07/23
23F2019-10	WF-N Cent (0-2 in)	07/07/23
23F2019-11	WF-N Cent (6-8 in)	07/07/23
23F2019-12	WF-NE (0-2 in)	07/07/23
23F2019-13	WF-NE (6-8 in)	07/07/23
BG30336-BLK1	Blank	07/07/23
BG30336-DUP1	Duplicate	07/07/23
BG30336-MS1	Matrix Spike	07/07/23
BG30336-SRM1	Reference	07/07/23



Organochlorine Pesticides by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
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Batch BG30124 - EPA 3550C

Blank (BG30124-BLK1)

Prepared: 07/05/2023 Analyzed: 07/07/2023

4,4'-DDD	ND	0.00164	mg/kg wet								
4,4'-DDE	ND	0.00164	"								
4,4'-DDT	ND	0.00164	"								
Aldrin	ND	0.00164	"								
alpha-BHC	ND	0.00164	"								
alpha-Chlordane	ND	0.00164	"								
beta-BHC	ND	0.00164	"								
Chlordane, total	ND	0.0329	"								
delta-BHC	ND	0.00164	"								
Dieldrin	ND	0.00164	"								
Endosulfan I	ND	0.00164	"								
Endosulfan II	ND	0.00164	"								
Endosulfan sulfate	ND	0.00164	"								
Endrin	ND	0.00164	"								
Endrin aldehyde	ND	0.00164	"								
Endrin ketone	ND	0.00164	"								
gamma-BHC (Lindane)	ND	0.00164	"								
gamma-Chlordane	ND	0.00164	"								
Heptachlor	ND	0.00164	"								
Heptachlor epoxide	ND	0.00164	"								
Methoxychlor	ND	0.00822	"								
Toxaphene	ND	0.0832	"								
Surrogate: Decachlorobiphenyl	0.0601		"	0.0664		90.4	30-150				
Surrogate: Tetrachloro-m-xylene	0.0446		"	0.0664		67.2	30-150				

LCS (BG30124-BS1)

Prepared: 07/05/2023 Analyzed: 07/07/2023

4,4'-DDD	0.0257	0.00164	mg/kg wet	0.0332		77.5	40-140				
4,4'-DDE	0.0258	0.00164	"	0.0332		77.7	40-140				
4,4'-DDT	0.0250	0.00164	"	0.0332		75.2	40-140				
Aldrin	0.0240	0.00164	"	0.0332		72.2	40-140				
alpha-BHC	0.0231	0.00164	"	0.0332		69.6	40-140				
alpha-Chlordane	0.0267	0.00164	"	0.0332		80.3	40-140				
beta-BHC	0.0230	0.00164	"	0.0332		69.3	40-140				
delta-BHC	0.0234	0.00164	"	0.0332		70.3	40-140				
Dieldrin	0.0261	0.00164	"	0.0332		78.7	40-140				
Endosulfan I	0.0268	0.00164	"	0.0332		80.7	40-140				
Endosulfan II	0.0266	0.00164	"	0.0332		80.0	40-140				
Endosulfan sulfate	0.0259	0.00164	"	0.0332		77.9	40-140				
Endrin	0.0247	0.00164	"	0.0332		74.3	40-140				
Endrin aldehyde	0.0263	0.00164	"	0.0332		79.2	40-140				
Endrin ketone	0.0267	0.00164	"	0.0332		80.3	40-140				
gamma-BHC (Lindane)	0.0240	0.00164	"	0.0332		72.2	40-140				
gamma-Chlordane	0.0253	0.00164	"	0.0332		76.1	40-140				
Heptachlor	0.0243	0.00164	"	0.0332		73.2	40-140				
Heptachlor epoxide	0.0268	0.00164	"	0.0332		80.7	40-140				
Methoxychlor	0.0293	0.00822	"	0.0332		88.1	40-140				
Surrogate: Decachlorobiphenyl	0.0630		"	0.0664		94.8	30-150				
Surrogate: Tetrachloro-m-xylene	0.0493		"	0.0664		74.2	30-150				



Organochlorine Pesticides by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
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Batch BG30124 - EPA 3550C

Matrix Spike (BG30124-MS1)		*Source sample: 23G0015-01 (Matrix Spike)					Prepared: 07/05/2023 Analyzed: 07/07/2023				
4,4'-DDD	0.0215	0.00175	mg/kg dry	0.0353	ND	60.9	30-150				
4,4'-DDE	0.0235	0.00175	"	0.0353	0.00336	57.0	30-150				
4,4'-DDT	0.0265	0.00175	"	0.0353	0.00377	64.5	30-150				
Aldrin	0.0184	0.00175	"	0.0353	ND	52.2	30-150				
alpha-BHC	0.0178	0.00175	"	0.0353	ND	50.4	30-150				
alpha-Chlordane	0.0363	0.00175	"	0.0353	0.00839	79.1	30-150				
beta-BHC	0.0170	0.00175	"	0.0353	ND	48.3	30-150				
delta-BHC	0.0167	0.00175	"	0.0353	ND	47.4	30-150				
Dieldrin	0.0213	0.00175	"	0.0353	ND	60.5	30-150				
Endosulfan I	0.0210	0.00175	"	0.0353	ND	59.5	30-150				
Endosulfan II	0.0194	0.00175	"	0.0353	ND	55.0	30-150				
Endosulfan sulfate	0.0171	0.00175	"	0.0353	ND	48.4	30-150				
Endrin	0.0191	0.00175	"	0.0353	ND	54.1	30-150				
Endrin aldehyde	0.0145	0.00175	"	0.0353	ND	41.0	30-150				
Endrin ketone	0.0190	0.00175	"	0.0353	ND	53.8	30-150				
gamma-BHC (Lindane)	0.0188	0.00175	"	0.0353	ND	53.2	30-150				
gamma-Chlordane	0.0274	0.00175	"	0.0353	0.00692	58.1	30-150				
Heptachlor	0.0192	0.00175	"	0.0353	ND	54.4	30-150				
Heptachlor epoxide	0.0237	0.00175	"	0.0353	0.00188	61.8	30-150				
Methoxychlor	0.0246	0.00873	"	0.0353	ND	69.8	30-150				
Surrogate: Decachlorobiphenyl	0.0423		"	0.0706		60.0	30-150				
Surrogate: Tetrachloro-m-xylene	0.0354		"	0.0706		50.2	30-150				

Matrix Spike Dup (BG30124-MSD1)		*Source sample: 23G0015-01 (Matrix Spike Dup)					Prepared: 07/05/2023 Analyzed: 07/07/2023				
4,4'-DDD	0.0246	0.00176	mg/kg dry	0.0356	ND	69.2	30-150	13.7	30		
4,4'-DDE	0.0257	0.00176	"	0.0356	0.00336	62.8	30-150	9.32	30		
4,4'-DDT	0.0317	0.00176	"	0.0356	0.00377	78.4	30-150	17.8	30		
Aldrin	0.0201	0.00176	"	0.0356	ND	56.4	30-150	8.84	30		
alpha-BHC	0.0204	0.00176	"	0.0356	ND	57.4	30-150	13.9	30		
alpha-Chlordane	0.0404	0.00176	"	0.0356	0.00839	90.0	30-150	10.8	30		
beta-BHC	0.0176	0.00176	"	0.0356	ND	49.5	30-150	3.31	30		
delta-BHC	0.0190	0.00176	"	0.0356	ND	53.4	30-150	13.0	30		
Dieldrin	0.0233	0.00176	"	0.0356	ND	65.5	30-150	8.95	30		
Endosulfan I	0.0225	0.00176	"	0.0356	ND	63.1	30-150	6.77	30		
Endosulfan II	0.0217	0.00176	"	0.0356	ND	61.0	30-150	11.3	30		
Endosulfan sulfate	0.0197	0.00176	"	0.0356	ND	55.2	30-150	14.0	30		
Endrin	0.0213	0.00176	"	0.0356	ND	59.8	30-150	10.8	30		
Endrin aldehyde	0.0174	0.00176	"	0.0356	ND	48.9	30-150	18.4	30		
Endrin ketone	0.0219	0.00176	"	0.0356	ND	61.4	30-150	14.3	30		
gamma-BHC (Lindane)	0.0204	0.00176	"	0.0356	ND	57.2	30-150	8.10	30		
gamma-Chlordane	0.0292	0.00176	"	0.0356	0.00692	62.6	30-150	6.44	30		
Heptachlor	0.0208	0.00176	"	0.0356	ND	58.4	30-150	8.17	30		
Heptachlor epoxide	0.0241	0.00176	"	0.0356	0.00188	62.4	30-150	1.81	30		
Methoxychlor	0.0283	0.00882	"	0.0356	ND	79.4	30-150	13.9	30		
Surrogate: Decachlorobiphenyl	0.0918		"	0.0713		129	30-150				
Surrogate: Tetrachloro-m-xylene	0.0792		"	0.0713		111	30-150				



Organochlorine Pesticides by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
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Batch S3F3020 - BF31660

Performance Mix (S3F3020-PEM1)

Prepared & Analyzed: 06/29/2023

4,4'-DDD	5.24		ng/mL	0.00			0-200				
4,4'-DDE	0.821		"	0.00			0-200				
4,4'-DDT	214		"	200		107	0-200				
Endrin	113		"	100		113	0-200				
Endrin aldehyde	2.41		"	0.00			0-200				
Endrin ketone	2.27		"	0.00			0-200				

Batch S3G1015 - BG30137

Performance Mix (S3G1015-PEM1)

Prepared & Analyzed: 07/07/2023

4,4'-DDD	4.78		ng/mL	0.00			0-200				
4,4'-DDE	0.570		"	0.00			0-200				
4,4'-DDT	310		"	200		155	0-200				
Endrin	159		"	100		159	0-200				
Endrin aldehyde	3.23		"	0.00			0-200				
Endrin ketone	3.41		"	0.00			0-200				



Metals by ICP - Quality Control Data
York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BG30281 - EPA 3050B											
Blank (BG30281-BLK1)											
										Prepared: 07/06/2023 Analyzed: 07/10/2023	
Arsenic	ND	1.04	mg/kg wet								
Lead	ND	0.348	"								
Duplicate (BG30281-DUP1)											
*Source sample: 23F2020-05 (Duplicate)										Prepared: 07/06/2023 Analyzed: 07/11/2023	
Arsenic	2.21	1.13	mg/kg dry		3.29				39.4	35	Non-dir.
Lead	5.70	0.378	"		7.29				24.5	35	
Matrix Spike (BG30281-MS1)											
*Source sample: 23F2020-05 (Matrix Spike)										Prepared: 07/06/2023 Analyzed: 07/11/2023	
Arsenic	217	1.13	mg/kg dry	181	3.29	118	75-125				
Lead	57.4	0.378	"	45.3	7.29	111	75-125				
Post Spike (BG30281-PS1)											
*Source sample: 23F2020-05 (Post Spike)										Prepared: 07/06/2023 Analyzed: 07/11/2023	
Arsenic	2.14		ug/mL	2.00	0.0363	105	75-125				
Lead	0.591		"	0.500	0.0805	102	75-125				
Reference (BG30281-SRM1)											
										Prepared: 07/06/2023 Analyzed: 07/10/2023	
Arsenic	199	1.04	mg/kg wet	183		109	69.9-130.1				
Lead	272	0.348	"	257		106	73.9-126.1				



Mercury by EPA 7000/200 Series Methods - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
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Batch BG30335 - EPA 7473 soil

Blank (BG30335-BLK1)

Prepared: 07/07/2023 Analyzed: 07/09/2023

Mercury ND 0.0300 mg/kg wet

Duplicate (BG30335-DUP1)

*Source sample: 23F1023-01 (Duplicate)

Prepared: 07/07/2023 Analyzed: 07/09/2023

Mercury 0.292 0.0313 mg/kg dry 0.267

8.85 35

Matrix Spike (BG30335-MS1)

*Source sample: 23F1023-01 (Matrix Spike)

Prepared: 07/07/2023 Analyzed: 07/09/2023

Mercury 0.973 mg/kg 0.500 0.256 143 75-125 High Bias

Reference (BG30335-SRM1)

Prepared: 07/07/2023 Analyzed: 07/09/2023

Mercury 24.348 mg/kg 27.2 89.5 59.9-140.1

Batch BG30336 - EPA 7473 soil

Blank (BG30336-BLK1)

Prepared & Analyzed: 07/07/2023

Mercury ND 0.0300 mg/kg wet

Duplicate (BG30336-DUP1)

*Source sample: 23F2019-04 (WF-SW (6-8 in))

Prepared & Analyzed: 07/07/2023

Mercury 0.0894 0.0393 mg/kg dry 0.0881

1.48 35

Matrix Spike (BG30336-MS1)

*Source sample: 23F2019-04 (WF-SW (6-8 in))

Prepared & Analyzed: 07/07/2023

Mercury 0.607 mg/kg 0.500 0.0672 108 75-125

Reference (BG30336-SRM1)

Prepared & Analyzed: 07/07/2023

Mercury 30.321 mg/kg 27.2 111 59.9-140.1



Miscellaneous Physical Parameters - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
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Batch BG30166 - % Solids Prep

Duplicate (BG30166-DUP1)		*Source sample: 23F2019-10 (WF-N Cent (0-2 in))						Prepared & Analyzed: 07/05/2023			
% Solids	72.4	0.100	%		74.0				2.06	20	

Batch BG30173 - % Solids Prep

Duplicate (BG30173-DUP1)		*Source sample: 23F2020-17 (Duplicate)						Prepared & Analyzed: 07/05/2023			
% Solids	94.9	0.100	%		94.7				0.195	20	





Sample and Data Qualifiers Relating to This Work Order

M-SPKM The spike recovery is not within acceptance windows due to sample non-homogeneity, or matrix interference.

Definitions and Other Explanations

*	Analyte is not certified or the state of the samples origination does not offer certification for the Analyte.
ND	NOT DETECTED - the analyte is not detected at the Reported to level (LOQ/RL or LOD/MDL)
RL	REPORTING LIMIT - the minimum reportable value based upon the lowest point in the analyte calibration curve.
LOQ	LIMIT OF QUANTITATION - the minimum concentration of a target analyte that can be reported within a specified degree of confidence. This is the lowest point in an analyte calibration curve that has been subjected to all steps of the processing/analysis and verified to meet defined criteria. This is based upon NELAC 2009 Standards and applies to all analyses.
LOD	LIMIT OF DETECTION - a verified estimate of the minimum concentration of a substance in a given matrix that an analytical process can reliably detect. This is based upon NELAC 2009 Standards and applies to all analyses conducted under the auspices of EPA SW-846.
MDL	METHOD DETECTION LIMIT - a statistically derived estimate of the minimum amount of a substance an analytical system can reliably detect with a 99% confidence that the concentration of the substance is greater than zero. This is based upon 40 CFR Part 136 Appendix B and applies only to EPA 600 and 200 series methods.
Reported to	This indicates that the data for a particular analysis is reported to either the LOD/MDL, or the LOQ/RL. In cases where the "Reported to" is located above the LOD/MDL, any value between this and the LOQ represents an estimated value which is "J" flagged accordingly. This applies to volatile and semi-volatile target compounds only.
NR	Not reported
RPD	Relative Percent Difference
Wet	The data has been reported on an as-received (wet weight) basis
Low Bias	Low Bias flag indicates that the recovery of the flagged analyte is below the laboratory or regulatory lower control limit. The data user should take note that this analyte may be biased low but should evaluate multiple lines of evidence including the LCS and site-specific MS/MSD data to draw bias conclusions. In cases where no site-specific MS/MSD was requested, only the LCS data can be used to evaluate such bias.
High Bias	High Bias flag indicates that the recovery of the flagged analyte is above the laboratory or regulatory upper control limit. The data user should take note that this analyte may be biased high but should evaluate multiple lines of evidence including the LCS and site-specific MS/MSD data to draw bias conclusions. In cases where no site-specific MS/MSD was requested, only the LCS data can be used to evaluate such bias.
Non-Dir.	Non-dir. flag (Non-Directional Bias) indicates that the Relative Percent Difference (RPD) (a measure of precision) among the MS and MSD data is outside the laboratory or regulatory control limit. This alerts the data user where the MS and MSD are from site-specific samples that the RPD is high due to either non-homogeneous distribution of target analyte between the MS/MSD or indicates poor reproducibility for other reasons.

If EPA SW-846 method 8270 is included herein it is noted that the target compound N-nitrosodiphenylamine (NDPA) decomposes in the gas chromatographic inlet and cannot be separated from diphenylamine (DPA). These results could actually represent 100% DPA, 100% NDPA or some combination of the two. For this reason, York reports the combined result for n-nitrosodiphenylamine and diphenylamine for either of these compounds as a combined concentration as Diphenylamine.

If Total PCBs are detected and the target aroclors reported are "Not detected", the Total PCB value is reported due to the presence of either or both Aroclors 1262 and 1268 which are non-target aroclors for some regulatory lists.

2-chloroethylvinyl ether readily breaks down under acidic conditions. Samples that are acid preserved, including standards will exhibit breakdown. The data user should take note.

Certification for pH is no longer offered by NYDOH ELAP.

Semi-Volatile and Volatile analyses are reported down to the LOD/MDL, with values between the LOD/MDL and the LOQ being "J" flagged as estimated results.

For analyses by EPA SW-846-8270D, the Limit of Quantitation (LOQ) reported for benzidine is based upon the lowest standard used for calibration and is not a verified LOQ due to this compound's propensity for oxidative losses during extraction/concentration procedures and non-reproducible chromatographic performance.



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Stratford, CT 06615
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YORK
ANALYTICAL LABORATORIES INC

Field Chain-of-Custody Record

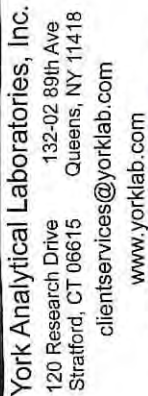
YORK Project No.

23F2019

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Your signature binds you to YORK's Standard Terms & Conditions.

YOUR INFORMATION		Report To:		Invoice To:		YOUR Project Number		Turn-Around Time	
Company:	Labella Associates	Company:	Labella	Company:	Labella	2232640		RUSH - Next Day	
Address:	4 British American Blvd Latham, NY 12110	Address:	21 Fox St. Roughneck, NY	Address:	21 Fox St. Roughneck, NY	YOUR Project Name		RUSH - Two Day	
Phone:	518 266-7355	Phone:		Phone:		Winston Farm		RUSH - Three Day	
Contact:	Branson Fields	Contact:		Contact:	Arts Rayable			RUSH - Four Day	
E-mail:	brfields@labella.com	E-mail:		E-mail:	ARPK@labella.com	YOUR PO#:		Standard (5-7 Day)	
Please print clearly and legibly. All information must be complete. Samples will not be logged in and the turn-around-time clock will not begin until any questions by YORK are resolved.		Matrix Codes		Samples From		Report / EDD Type (circle selections)		YORK Reg. Comp.	
Samples Collected by: (print your name above and sign below) Branson Fields <i>[Signature]</i>		S - soil / solid		New York		CT RCP		Compared to the following Regulation(s): (please fill in)	
		GW - groundwater		New Jersey		OA Report		Standard Excel EDD	NYSDEC, 405
		DW - drinking water		Connecticut		NY ASP A Package		CT RCP DQA/DUE	Port 375, 405
		WW - wastewater		Pennsylvania		NY ASP B Package		CT RCP DQA/DUE	
		O - Oil / Other		Other				NUDEP Reduced Deliverables	
Sample Identification		Sample Matrix		Date/Time Sampled		Analysis Requested		Container Description	
WF-Scent (0-2in)		S		6/24/23 0905		Pesticides, Arsenic / Lead / Mercury		2x 4oz Glass	
WF-Scent (6-8in)		S		0910					
WF-Sw (0-2in)				1015					
WF-Sw (6-8in)				1020					
WF-Cent (0-2in)				1135					
WF-Cent (6-8in)				1140					
WF-NW (0-2in)				1215					
WF-NW (6-8in)				1250					
WF-BACK (0-2in)				1305					
WF-N Cent (0-2in)		↓		1400					
Comments:									
Preservation: (check all that apply)									
HCl ___ MeOH ___ HNO ₃ ___ H ₂ SO ₄ ___ NaOH ___ ZnAc ___									
Ascorbic Acid ___ Other: <u>Ice</u>									
Samples Relinquished by / Company		Date/Time		Samples Relinquished by / Company		Date/Time		Special Instruction	
Branson Fields / Labella		6/24/23 @ 1045		Feal Ex Vlenards, NY		6/24/23 @ 1645		Field Filtered Lab to Filter	
Received by / Company		Date/Time		Samples Received by / Company		Date/Time			
Relinquished by / Company		Date/Time		Samples Received by / Company		Date/Time		Temp. Received at Lab	
								1.5	



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Your signature binds you to YORK's Standard Terms & Conditions.

Field Chain-of-Custody Record

YORK Project No. 23F2019

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