



**NEW YORK STATE
DEPARTMENT OF ENVIRONMENTAL CONSERVATION**



Request to Import/Reuse Fill or Soil

This form is based on the information required by DER-10, Section 5.4(e). Use of this form is not a substitute for reading the applicable Technical Guidance document.

SECTION 1 – SITE BACKGROUND

The allowable site use is:

Have Ecological Resources been identified?

Is this soil originating from the site?

How many cubic yards of soil will be imported/reused?

If greater than 1000 cubic yards will be imported, enter volume to be imported:

SECTION 2 – MATERIAL OTHER THAN SOIL

Is the material to be imported gravel, rock or stone?

Does it contain less than 10%, by weight, material that would pass a size 80 sieve?

Is this virgin material from a permitted mine or quarry?

Is this material recycled concrete or brick from a DEC registered processing facility?

SECTION 3 - SAMPLING

Provide a brief description of the number and type of samples collected in the space below:

Example Text: 5 discrete samples were collected and analyzed for VOCs. 2 composite samples were collected and analyzed for SVOCs, Inorganics & PCBs/Pesticides.

If the material meets requirements of DER-10 section 5.5 (other material), no chemical testing needed.

SECTION 3 CONT'D - SAMPLING

Provide a brief written summary of the sampling results or attach evaluation tables (compare to DER-10, Appendix 5):

Example Text: Arsenic was detected up to 17 ppm in 1 (of 5) samples; the allowable level is 16 ppm.

If Ecological Resources have been identified use the "If Ecological Resources are Present" column in Appendix 5.

SECTION 4 – SOURCE OF FILL

Name of person providing fill and relationship to the source:

Location where fill was obtained:

Identification of any state or local approvals as a fill source:

If no approvals are available, provide a brief history of the use of the property that is the fill source:

Provide a list of supporting documentation included with this request:

The information provided on this form is accurate and complete.

Signature

Date

Print Name

Firm



June 4, 2021

Gerald Pratt
New York State Department of Environmental Conservation
Division of Environmental Remediation
625 Broadway 12th Floor
Albany New York 12233-7014

Re: **Characterization Report for Proposed Fill Material:** Hudson River Psychiatric Center - North Area, 3532
North Road, Town of Poughkeepsie, Dutchess County, New York 12601
NYSDEC BCP Site #C314121
PVE File #560909

Dear Mr. Pratt:

Partridge Venture Engineering, PC dba PVE Engineering ("PVE"), has been contracted by the owner and volunteer, EFG/Saber SC, LLC (EFG/Saber), for the investigation and remediation of the former Hudson River Psychiatric Center (HRPC).

While no Remedial Action Work Plan (RAWP) has been approved for this Site, the volunteer intends to import fill needed for a site-wide cover system and achieve a Track 4 – Restricted Residential remedy. This imported fill and proposed site-wide cover system will not be constructed until the NYSDEC has reviewed and approved the draft RAWP, however, the Volunteer is beginning to source material for this purpose. Below is a summary of our recently filed Request to Import/Reuse Fill form, and the collection and analysis of soil samples to meet requirements for importing and reusing these materials.

Background

According to a previously completed NYSDEC Request to Import/Reuse Fill or Soil form signed/dated January 20, 2015, stockpiled materials at the One Dutchess Site located at NEED ADDRESS originated from a construction project at nearby Marist College and was imported to the One Dutchess Site, formerly known as the AC Dutton Greenway North Town Site.

PVE previously sampled a portion of the stockpile estimated at 8,000-cubic yards. The details of these sample collections and analysis are summarized in our Characterization Report for Proposed Fill Material dated October 1, 2020 & March 19, 2021. No soil samples collected from the previous 8,000-cubic yard stockpile contained contaminants in exceedance of Unrestricted Use Soil Cleanup Objectives.

PVE completed collection and analysis of samples from the remaining 20,000-cubic yard of stockpiled material. Below is a summary of field activities, analytical data, conclusions, recommendations, and a request to import/reuse these materials.

PA Corporate

Waterfront Corporate Park III
Suite 101
2000 Georgetown Drive
Sewickley, PA 15143
724.444.1100

NYC

25 W 39th Street
12th Floor
New York, NY 10018
646.602.4999

California

535 Mission Street
14th Floor
San Francisco, CA 94105
628-243-6445

Ohio

1156 E. State Street
Salem, OH 44460
330.332.5200

Texas

3250 Briarpark Drive
Suite 140
Houston, TX 77042
713.375.1400



1.0 FIELD ACTIVITIES

PVE personnel inspected the stockpiled materials, located in the eastern portion of the OneKey site, on May 19, 2021. The total volume of material proposed for reuse is estimated by others to be approximately 20,000 cubic yards. The western side of the stockpile measures approximately 211.3-feet from north to south, 38.5-feet from west to east and 40.5-feet in height (gradually sloped). The southern end of the stockpile measures approximately 74.5-feet from north to south, 115-feet from west to east and 42.5-feet in height (gradually sloped). Stockpiled fill was screened by a PVE technician for volatile organic compounds (VOCs) using a photoionization detector (PID) and headspace techniques. No elevated readings were observed.

A total of twenty-six (26) grab and twenty-one (21) composite soil samples were collected from the stockpiled material in accordance with the sampling frequency outlined in NYSDEC DER-10 Technical Guidance for Site Investigation and Remediation document, Table 5.4(3)10. Additionally, composite soil samples were collected for the analysis of Per- and Polyfluoroalkyl Substances (PFAS) in accordance with 6NYCRR Part 375 and NYSDEC's Guidelines for Sampling and Analysis of PFAS dated January 2021. Soil samples were submitted to York Analytical Laboratories, a New York State Department of Health – Environmental Laboratory Approval Program (NYSDOH-ELAP) certified laboratory for analysis of the following:

- Part 375 VOCs via USEPA Method 8260;
- Part 375 Semi-Volatile Organic Compounds (SVOCs) via USEPA Method 8270;
- Part 375 Metals via USEPA Method 6010;
- Part 375 Pesticides, Herbicides and Polychlorinated Biphenyls (PCBs) via USEPA Method 8081/8082; &
- PFAS via USEPA Method 537.1M.

2.0 RESULTS

2.1 Sample Analytical Data

Sample results are summarized in Tables 1-3 and compared to the lower value of Unrestricted Use Soil Cleanup Objectives (UUSCOs) and Protection of Groundwater Soil Cleanup Objectives (PGWSCOs) and Restricted Residential Soil Cleanup Objectives (RRSCOs) as defined by 6 NYCRR Part 375. Analytical reports are attached.

2.1.1 VOCs

Two (2) VOCs were detected within twenty-five (25) of the twenty-six (26) grab soil samples collected. Acetone was detected in two (2) of the twenty-six (26) grab soil samples collected and Methylene Chloride was detected in twenty-five (25) of the twenty-six (26) grab soil samples collected. No VOCs were detected at concentrations exceeding the lower of UUSCOs and PGW.

2.1.2 SVOCs

SVOCs were detected in all of the twenty-one (21) composite soil samples collected. One (1) SVOC was detected in one (1) soil sample at concentrations exceeding RRSCOs. Exceedances are described below.

- Comp 10 20210519
 - Indeno(1,2,3-C,D)Pyrene (0.561 mg/kg)



2.1.3 Metals

Multiple metals were detected in each of the twenty-one (21) composite soil samples collected. Two (2) metals were detected in one (1) of the twenty-one (21) composite soil samples at concentrations exceeding the lower of UUSCOs & PGW and RRSCOs. Exceedances are listed below.

- Comp 2 20210519
 - **Copper (934 mg/kg)**
 - Lead (134 mg/kg)

BOLD indicates RRSCO Exceedance.

2.1.4 PCBs, Pesticides and Herbicides

No PCBs, pesticides, nor herbicides were detected in any of the twenty-one (21) composite soil samples collected.

2.1.5 Emerging Contaminants

No PFAS compounds were detected in any of the twenty-one (21) composite soil samples collected.

3.0 CONCLUSIONS

1. A total of twenty-six (26) grab samples and twenty-one (21) composite soil samples were collected from the 20,000-cubic yards of stockpiled material for analysis in accordance with NYSDEC requirements to demonstrate that this material is approved to be imported to the HRPC BCP site.
2. Only two (2) of the twenty-one (21) composite soil samples contained analytes detected at concentrations exceeding RRSCOs.

Based on the number of samples collected, we consider the concentrations present in the soil samples collected during this evaluation to be inconsequential, and the results generally meet the requirements for reuse of this material within the NYSDEC Brownfield site. Therefore, we are requesting approval from NYSDEC to import the characterized fill.

If you have any questions, please do not hesitate to contact us. We look forward to receiving your response to this request.

Sincerely,

PVE ENGINEERING,

A handwritten signature in black ink, appearing to read 'Chris B. Brown'.

Christopher B. Brown, P.G.
Principal\Director of Environmental Services

FIGURES

LEGEND

- SOIL SAMPLE MAY 2021
- PVE PREVIOUS SOIL SAMPLE
- APPROXIMATE SOIL PILE OUTLINE
- PREVIOUSLY SAMPLED APPROXIMATE SOIL PILE OUTLINE



DATA SOURCES:
Aerial Image: (Top) PVE, LLC, 9/16/2020
(Bottom) NYS ITS GIS Program Office, 2016



48 Springside Avenue
Poughkeepsie, NY 12603
Office: 845.454.2544
Fax: 845.454.2655

SAMPLE LOCATION MAP

DUTCHESS LANDING ROAD
POUGHKEEPSIE, NEW YORK

PROJECT NO.
560909



FIGURE 1

DATE: 05/19/2021

SCALE: AS INDICATED

PROJECTION: NAD83 STATE PLANE NY EAST

ALL LOCATIONS APPROXIMATE

TABLES

Table 1 - VOCs in Grab Soil Samples
Compared to Lower of UUSCO and PGW and RRSCOs per 6 NYCRR Part 375
Collected from: One Dutchess Site - Dutchess Landing Road, City of Poughkeepsie, NY
PVE File #56/0909

[illegible]

Notes:

Standards are for respective Soil Cleanup Objectives per 6 NYCRR Part 375

Lower of Unrestricted Soil Cleanup Objectives (USCSO) and Protection of Groundwater (PGW), and Restricted Residential Soil Cleanup Objectives (RSSCO);

Yellow shading designates those compounds detected at concentrations exceeding Lower of USCSO and PGW;

Orange shading designates those compounds detected at concentrations exceeding RSSCO;

NE = No standard established;

ND and U = Not detected at method detection limit for sample.

Table 1 - VOCs in Grab Soil Samples
Compared to Lower of UUSCO and PGW and RRSCOs per 6 NYCRR Part 375
Collected from: One Dutchess Site - Dutchess Landing Road, City of Poughkeepsie, NY
PVE File #56/009

			Date Sampled	Location	Sample ID	5/19/2021 OK GRAB 14 Grab 16-2010515	5/19/2021 OK GRAB 15 Grab 16-2010515	5/19/2021 OK GRAB 16 Grab 17-2010515	5/19/2021 OK GRAB 17 Grab 18-2010515	5/19/2021 OK GRAB 18 Grab 19-2010515	5/19/2021 OK GRAB 19 Grab 20-2010515	5/19/2021 OK GRAB 20 Grab 21-2010515	5/19/2021 OK GRAB 21 Grab 22-2010515	5/19/2021 OK GRAB 22 Grab 23-2010515	5/19/2021 OK GRAB 23 Grab 24-2010515	5/19/2021 OK GRAB 24 Grab 25-2010515	5/19/2021 OK GRAB 25 Grab 26-2010515	5/19/2021 OK GRAB 26 Grab 27-2010515	5/19/2021 OK GRAB 27 Grab 28-2010515	5/19/2021 OK GRAB 28 Grab 29-2010515	5/19/2021 OK GRAB 29 Grab 30-2010515	5/19/2021 OK GRAB 30 Grab 31-2010515	5/19/2021 OK GRAB 31 Grab 32-2010515	5/19/2021 OK GRAB 32 Grab 33-2010515	5/19/2021 OK GRAB 33 Grab 34-2010515	5/19/2021 OK GRAB 34 Grab 35-2010515	5/19/2021 OK GRAB 35 Grab 36-2010515	5/19/2021 OK GRAB 36 Grab 37-2010515	5/19/2021 OK GRAB 37 Grab 38-2010515	5/19/2021 OK GRAB 38 Grab 39-2010515	5/19/2021 OK GRAB 39 Grab 40-2010515	5/19/2021 OK GRAB 40 Grab 41-2010515	5/19/2021 OK GRAB 41 Grab 42-2010515	5/19/2021 OK GRAB 42 Grab 43-2010515	5/19/2021 OK GRAB 43 Grab 44-2010515	5/19/2021 OK GRAB 44 Grab 45-2010515	5/19/2021 OK GRAB 45 Grab 46-2010515	5/19/2021 OK GRAB 46 Grab 47-2010515	5/19/2021 OK GRAB 47 Grab 48-2010515	5/19/2021 OK GRAB 48 Grab 49-2010515	5/19/2021 OK GRAB 49 Grab 50-2010515	5/19/2021 OK GRAB 50 Grab 51-2010515	5/19/2021 OK GRAB 51 Grab 52-2010515	5/19/2021 OK GRAB 52 Grab 53-2010515	5/19/2021 OK GRAB 53 Grab 54-2010515	5/19/2021 OK GRAB 54 Grab 55-2010515	5/19/2021 OK GRAB 55 Grab 56-2010515	5/19/2021 OK GRAB 56 Grab 57-2010515	5/19/2021 OK GRAB 57 Grab 58-2010515	5/19/2021 OK GRAB 58 Grab 59-2010515	5/19/2021 OK GRAB 59 Grab 60-2010515	5/19/2021 OK GRAB 60 Grab 61-2010515	5/19/2021 OK GRAB 61 Grab 62-2010515	5/19/2021 OK GRAB 62 Grab 63-2010515	5/19/2021 OK GRAB 63 Grab 64-2010515	5/19/2021 OK GRAB 64 Grab 65-2010515	5/19/2021 OK GRAB 65 Grab 66-2010515	5/19/2021 OK GRAB 66 Grab 67-2010515	5/19/2021 OK GRAB 67 Grab 68-2010515	5/19/2021 OK GRAB 68 Grab 69-2010515	5/19/2021 OK GRAB 69 Grab 70-2010515	5/19/2021 OK GRAB 70 Grab 71-2010515	5/19/2021 OK GRAB 71 Grab 72-2010515	5/19/2021 OK GRAB 72 Grab 73-2010515	5/19/2021 OK GRAB 73 Grab 74-2010515	5/19/2021 OK GRAB 74 Grab 75-2010515	5/19/2021 OK GRAB 75 Grab 76-2010515	5/19/2021 OK GRAB 76 Grab 77-2010515	5/19/2021 OK GRAB 77 Grab 78-2010515	5/19/2021 OK GRAB 78 Grab 79-2010515	5/19/2021 OK GRAB 79 Grab 80-2010515	5/19/2021 OK GRAB 80 Grab 81-2010515	5/19/2021 OK GRAB 81 Grab 82-2010515	5/19/2021 OK GRAB 82 Grab 83-2010515	5/19/2021 OK GRAB 83 Grab 84-2010515	5/19/2021 OK GRAB 84 Grab 85-2010515	5/19/2021 OK GRAB 85 Grab 86-2010515	5/19/2021 OK GRAB 86 Grab 87-2010515	5/19/2021 OK GRAB 87 Grab 88-2010515	5/19/2021 OK GRAB 88 Grab 89-2010515	5/19/2021 OK GRAB 89 Grab 90-2010515	5/19/2021 OK GRAB 90 Grab 91-2010515	5/19/2021 OK GRAB 91 Grab 92-2010515	5/19/2021 OK GRAB 92 Grab 93-2010515	5/19/2021 OK GRAB 93 Grab 94-2010515	5/19/2021 OK GRAB 94 Grab 95-2010515	5/19/2021 OK GRAB 95 Grab 96-2010515	5/19/2021 OK GRAB 96 Grab 97-2010515	5/19/2021 OK GRAB 97 Grab 98-2010515	5/19/2021 OK GRAB 98 Grab 99-2010515	5/19/2021 OK GRAB 99 Grab 100-2010515	5/19/2021 OK GRAB 100 Grab 101-2010515	5/19/2021 OK GRAB 101 Grab 102-2010515	5/19/2021 OK GRAB 102 Grab 103-2010515	5/19/2021 OK GRAB 103 Grab 104-2010515	5/19/2021 OK GRAB 104 Grab 105-2010515	5/19/2021 OK GRAB 105 Grab 106-2010515	5/19/2021 OK GRAB 106 Grab 107-2010515	5/19/2021 OK GRAB 107 Grab 108-2010515	5/19/2021 OK GRAB 108 Grab 109-2010515	5/19/2021 OK GRAB 109 Grab 110-2010515	5/19/2021 OK GRAB 110 Grab 111-2010515	5/19/2021 OK GRAB 111 Grab 112-2010515	5/19/2021 OK GRAB 112 Grab 113-2010515	5/19/2021 OK GRAB 113 Grab 114-2010515	5/19/2021 OK GRAB 114 Grab 115-2010515	5/19/2021 OK GRAB 115 Grab 116-2010515	5/19/2021 OK GRAB 116 Grab 117-2010515	5/19/2021 OK GRAB 117 Grab 118-2010515	5/19/2021 OK GRAB 118 Grab 119-2010515	5/19/2021 OK GRAB 119 Grab 120-2010515	5/19/2021 OK GRAB 120 Grab 121-2010515	5/19/2021 OK GRAB 121 Grab 122-2010515	5/19/2021 OK GRAB 122 Grab 123-2010515	5/19/2021 OK GRAB 123 Grab 124-2010515	5/19/2021 OK GRAB 124 Grab 125-2010515	5/1
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Notes:
Standards are for respective Soil Cleanup Objectives per 6 NYCRR Part 375
Lower of Unrestricted Use Soil Cleanup Objectives (UUSCO) and Protection of Groundwater (PGW)
and Restricted Residential Soil Cleanup Objectives (RSCSO);
Yellow shading designates those compounds detected at concentrations exceeding Lower of UUSCO and PGW;
Orange shading designates those compounds detected at concentrations exceeding RSCSO;
NE = No standard established; &
ND and U = Not detected at method detection limit for sample.

Table 2 - Metals, Pesticides, Herbicides, PCBs and SVOCs in Composite Soil Samples Compared to Lower of UUSCO and PGW and RRSOCs per 6 NYCRR Part 375
Collected from: One Dutchess Site - Dutchess Landing Road, City of Poughkeepsie, NY

Material	CAS#	Analysis	S/N19001		S/N19002		S/N19003		S/N19004		S/N19005		S/N19006		S/N19007		S/N19008		S/N19009		S/N19010		S/N19011		S/N19012		S/N19013		S/N19014		S/N19015		S/N19016		S/N19017		S/N19018		S/N19019		S/N19020		S/N19021		S/N19022		S/N19023		S/N19024		S/N19025		S/N19026		S/N19027		S/N19028		S/N19029		S/N19030		S/N19031		S/N19032		S/N19033		S/N19034		S/N19035		S/N19036		S/N19037		S/N19038		S/N19039		S/N19040		S/N19041		S/N19042		S/N19043		S/N19044		S/N19045		S/N19046		S/N19047		S/N19048		S/N19049		S/N19050		S/N19051		S/N19052		S/N19053		S/N19054		S/N19055		S/N19056		S/N19057		S/N19058		S/N19059		S/N19060		S/N19061		S/N19062		S/N19063		S/N19064		S/N19065		S/N19066		S/N19067		S/N19068		S/N19069		S/N19070		S/N19071		S/N19072		S/N19073		S/N19074		S/N19075		S/N19076		S/N19077		S/N19078		S/N19079		S/N19080		S/N19081		S/N19082		S/N19083		S/N19084		S/N19085		S/N19086		S/N19087		S/N19088		S/N19089		S/N19090		S/N19091		S/N19092		S/N19093		S/N19094		S/N19095		S/N19096		S/N19097		S/N19098		S/N19099		S/N19100		S/N19101		S/N19102		S/N19103		S/N19104		S/N19105		S/N19106		S/N19107		S/N19108		S/N19109		S/N19110		S/N19111		S/N19112		S/N19113		S/N19114		S/N19115		S/N19116		S/N19117		S/N19118		S/N19119		S/N19120		S/N19121		S/N19122		S/N19123		S/N19124		S/N19125		S/N19126		S/N19127		S/N19128		S/N19129		S/N19130		S/N19131		S/N19132		S/N19133		S/N19134		S/N19135		S/N19136		S/N19137		S/N19138		S/N19139		S/N19140		S/N19141		S/N19142		S/N19143		S/N19144		S/N19145		S/N19146		S/N19147		S/N19148		S/N19149		S/N19150		S/N19151		S/N19152		S/N19153		S/N19154		S/N19155		S/N19156		S/N19157		S/N19158		S/N19159		S/N19160		S/N19161		S/N19162		S/N19163		S/N19164		S/N19165		S/N19166		S/N19167		S/N19168		S/N19169		S/N19170		S/N19171		S/N19172		S/N19173		S/N19174		S/N19175		S/N19176		S/N19177		S/N19178		S/N19179		S/N19180		S/N19181		S/N19182		S/N19183		S/N19184		S/N19185		S/N19186		S/N19187		S/N19188		S/N19189		S/N19190		S/N19191		S/N19192		S/N19193		S/N19194		S/N19195		S/N19196		S/N19197		S/N19198		S/N19199		S/N19200		S/N19201		S/N19202		S/N19203		S/N19204		S/N19205		S/N19206		S/N19207		S/N19208		S/N19209		S/N19210		S/N19211		S/N19212		S/N19213		S/N19214		S/N19215		S/N19216		S/N19217		S/N19218		S/N19219		S/N19220		S/N19221		S/N19222		S/N19223		S/N19224		S/N19225		S/N19226		S/N19227		S/N19228		S/N19229		S/N19230		S/N19231		S/N19232		S/N19233		S/N19234		S/N19235		S/N19236		S/N19237		S/N19238		S/N19239		S/N19240		S/N19241		S/N19242		S/N19243		S/N19244		S/N19245		S/N19246		S/N19247		S/N19248		S/N19249		S/N19250		S/N19251		S/N19252		S/N19253		S/N19254		S/N19255		S/N19256		S/N19257		S/N19258		S/N19259		S/N19260		S/N19261		S/N19262		S/N19263		S/N19264		S/N19265		S/N19266		S/N19267		S/N19268		S/N19269		S/N19270		S/N19271	
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Standards are for respective Soil Cleanup Objectives per 6 NYCRR Part 275
Lower of Unrestricted Use Soil Cleanup Objectives (UUSCO) and Protection of Groundwater (PGW),
and Restricted Residential Soil Cleanup Objectives (RSSCO);
Yellow shading designates those compounds detected at concentrations exceeding Lower of UUSCO and PGW
Orange shading designates those compounds detected at concentrations exceeding RSSCO;
NE = No standard established; &
ND and U = Not detected at method detection limit for sample.

Table 2 - Metals, Pesticides, Herbicides, PCBs and SVOCs in Composite Soil Samples Compared to Lower of UUSCO and PGW and RRSOCs per 6 NYCRR Part 375
Collected from: One Dutchess Site - Dutchess Landing Road, City of Poughkeepsie, NY

[illegible]

Standards are for respective Soil Cleanup Objectives per 6 NYCRR Part 275
Lower of Unrestricted Use Soil Cleanup Objectives (UUSCOs) and Protection of Groundwater (PGW),
and Restricted Residential Soil Cleanup Objectives (RSCOs);
Yellow shading designates those compounds detected at concentrations exceeding Lower of UUSCO and PGW
Orange shading designates those compounds detected at concentrations exceeding RSCOs;
NE = No standard established; &
ND and U = Not detected at method detection limit for sample.

Table 3 - PFAS in Composite Soil Samples
 Compared to Guidance Values in 6 NYCRR Part 375
 Collected from One Dutchess Site - Dutchess Landing Road, City of Poughkeepsie, NY
 PVE File #560909

Method	Analyte	CAS RN	PGW	RRSCLs	Unit	Date Sampled Location Sample ID		5/19/2021 OK COMP 1 Comp 1 20210519		5/19/2021 OK COMP 2 Comp 2 20210519		5/19/2021 OK COMP 3 Comp 3 20210519		5/19/2021 OK COMP 4 Comp 4 20210519		5/19/2021 OK COMP 5 Comp 5 20210519		5/19/2021 OK COMP 6 Comp 6 20210519		5/19/2021 OK COMP 7 Comp 7 20210519		5/19/2021 OK COMP 8 Comp 8 20210519		5/19/2021 OK COMP 9 Comp 9 20210519		5/19/2021 OK COMP 10 Comp 10 20210519		5/19/2021 OK COMP 11 Comp 11 20210519							
						Result	Unit	Q	Result	Unit	Q	Result	Unit	Q	Result	Unit	Q	Result	Unit	Q	Result	Unit	Q	Result	Unit	Q	Result	Unit	Q	Result	Unit	Q	Result	Unit	Q
SW8270DSIM	1,4-Dioxane (P-Dioxane)	123-91-1	0.1	13	mg/kg	ND< 0.0098	mg/kg	U	ND< 0.0098	mg/kg	U	ND< 0.0098	mg/kg	U	ND< 0.0098	mg/kg	U	ND< 0.0098	mg/kg	U	ND< 0.0098	mg/kg	U	ND< 0.0098	mg/kg	U	ND< 0.0098	mg/kg	U	ND< 0.0098	mg/kg	U			
E537	2-(N-methyl perfluorooctanesulfonamido) acetic acid	2355-31-9	NE	NE	mg/kg	ND< 0.000248	mg/kg	U	ND< 0.000256	mg/kg	U	ND< 0.000246	mg/kg	U	ND< 0.00024	mg/kg	U	ND< 0.000263	mg/kg	U	ND< 0.000257	mg/kg	U	ND< 0.000251	mg/kg	U	ND< 0.000257	mg/kg	U	ND< 0.000244	mg/kg	U	ND< 0.000252	mg/kg	U
E537	N-Ethyl-N-(heptafluorooctylsulfonyl) glycine	2991-50-6	NE	NE	mg/kg	ND< 0.000248	mg/kg	U	ND< 0.000256	mg/kg	U	ND< 0.000246	mg/kg	U	ND< 0.00024	mg/kg	U	ND< 0.000263	mg/kg	U	ND< 0.000257	mg/kg	U	ND< 0.000251	mg/kg	U	ND< 0.000257	mg/kg	U	ND< 0.000244	mg/kg	U	ND< 0.000252	mg/kg	U
E537	Perfluorobutanesulfonic acid (PFBS)	375-73-5	NE	NE	mg/kg	ND< 0.000248	mg/kg	U	ND< 0.000256	mg/kg	U	ND< 0.000246	mg/kg	U	ND< 0.00024	mg/kg	U	ND< 0.000263	mg/kg	U	ND< 0.000257	mg/kg	U	ND< 0.000251	mg/kg	U	ND< 0.000257	mg/kg	U	ND< 0.000244	mg/kg	U	ND< 0.000252	mg/kg	U
E537	Perfluorobutanoic Acid	375-22-4	NE	NE	mg/kg	ND< 0.000248	mg/kg	U	ND< 0.000256	mg/kg	U	ND< 0.000246	mg/kg	U	ND< 0.00024	mg/kg	U	ND< 0.000263	mg/kg	U	ND< 0.000257	mg/kg	U	ND< 0.000251	mg/kg	U	ND< 0.000257	mg/kg	U	ND< 0.000244	mg/kg	U	ND< 0.000252	mg/kg	U
E537	Perfluorodecane Sulfonic Acid	335-77-3	NE	NE	mg/kg	ND< 0.000248	mg/kg	U	ND< 0.000256	mg/kg	U	ND< 0.000246	mg/kg	U	ND< 0.00024	mg/kg	U	ND< 0.000263	mg/kg	U	ND< 0.000257	mg/kg	U	ND< 0.000251	mg/kg	U	ND< 0.000257	mg/kg	U	ND< 0.000244	mg/kg	U	ND< 0.000252	mg/kg	U
E537	Perfluorodecanoic acid (PFDA)	335-76-2	NE	NE	mg/kg	ND< 0.000248	mg/kg	U	ND< 0.000256	mg/kg	U	ND< 0.000246	mg/kg	U	ND< 0.00024	mg/kg	U	ND< 0.000263	mg/kg	U	ND< 0.000257	mg/kg	U	ND< 0.000251	mg/kg	U	ND< 0.000257	mg/kg	U	ND< 0.000244	mg/kg	U	ND< 0.000252	mg/kg	U
E537	Perfluorododecanoic acid (PFDA)	307-55-1	NE	NE	mg/kg	ND< 0.000248	mg/kg	U	ND< 0.000256	mg/kg	U	ND< 0.000246	mg/kg	U	ND< 0.00024	mg/kg	U	ND< 0.000263	mg/kg	U	ND< 0.000257	mg/kg	U	ND< 0.000251	mg/kg	U	ND< 0.000257	mg/kg	U	ND< 0.000244	mg/kg	U	ND< 0.000252	mg/kg	U
E537	Perfluorooctane Sulfonate (PFHPS)	375-92-8	NE	NE	mg/kg	ND< 0.000248	mg/kg	U	ND< 0.000256	mg/kg	U	ND< 0.000246	mg/kg	U	ND< 0.00024	mg/kg	U	ND< 0.000263	mg/kg	U	ND< 0.000257	mg/kg	U	ND< 0.000251	mg/kg	U	ND< 0.000257	mg/kg	U	ND< 0.000244	mg/kg	U	ND< 0.000252	mg/kg	U
E537	Perfluorooctanoic acid (PFHSA)	375-85-9	NE	NE	mg/kg	ND< 0.000248	mg/kg	U	ND< 0.000256	mg/kg	U	ND< 0.000246	mg/kg	U	ND< 0.00024	mg/kg	U	ND< 0.000263	mg/kg	U	ND< 0.000257	mg/kg	U	ND< 0.000251	mg/kg	U	ND< 0.000257	mg/kg	U	ND< 0.000244	mg/kg	U	ND< 0.000252	mg/kg	U
E537	Perfluorooctanesulfonic acid (PFHxS)	355-46-4	NE	NE	mg/kg	ND< 0.000248	mg/kg	U	ND< 0.000256	mg/kg	U	ND< 0.000246	mg/kg	U	ND< 0.00024	mg/kg	U	ND< 0.000263	mg/kg	U	ND< 0.000257	mg/kg	U	ND< 0.000251	mg/kg	U	ND< 0.000257	mg/kg	U	ND< 0.000244	mg/kg	U	ND< 0.000252	mg/kg	U
E537	Perfluorohexanoic acid (PFHxA)	307-24-4	NE	NE	mg/kg	ND< 0.000248	mg/kg	U	ND< 0.000256	mg/kg	U	ND< 0.000246	mg/kg	U	ND< 0.00024	mg/kg	U	ND< 0.000263	mg/kg	U	ND< 0.000257	mg/kg	U	ND< 0.000251	mg/kg	U	ND< 0.000257	mg/kg	U	ND< 0.000244	mg/kg	U	ND< 0.000252	mg/kg	U
E537	Perfluorononanoic acid (PFNA)	375-95-1	NE	NE	mg/kg	ND< 0.000248	mg/kg	U	ND< 0.000256	mg/kg	U	ND< 0.000246	mg/kg	U	ND< 0.00024	mg/kg	U	ND< 0.000263	mg/kg	U	ND< 0.000257	mg/kg	U	ND< 0.000251	mg/kg	U	ND< 0.000257	mg/kg	U	ND< 0.000244	mg/kg	U	ND< 0.000252	mg/kg	U
E537	Perfluorooctane Sulfonamide (FOSA)	754-91-6	NE	NE	mg/kg	ND< 0.000248	mg/kg	U	ND< 0.000256	mg/kg	U	ND< 0.000246	mg/kg	U	ND< 0.00024	mg/kg	U	ND< 0.000263	mg/kg	U	ND< 0.000257	mg/kg	U	ND< 0.000251	mg/kg	U	ND< 0.000257	mg/kg	U	ND< 0.000244	mg/kg	U	ND< 0.000252	mg/kg	U
E537	Perfluorooctanesulfonic acid (PFOS)	1763-23-1	0.0037	0.044	mg/kg	ND< 0.000248	mg/kg	U	ND< 0.000256	mg/kg	U	ND< 0.000246	mg/kg	U	ND< 0.00024	mg/kg	U	ND< 0.000263	mg/kg	U	ND< 0.000257	mg/kg	U	ND< 0.000251	mg/kg	U	ND< 0.000257	mg/kg	U	ND< 0.000244	mg/kg	U	ND< 0.000252	mg/kg	U
E537	Perfluorodecanoic acid (PFDA)	335-76-1	0.0011	0.033	mg/kg	ND< 0.000248	mg/kg	U	ND< 0.000256	mg/kg	U	ND< 0.000246	mg/kg	U	ND< 0.00024	mg/kg	U	ND< 0.000263	mg/kg	U	ND< 0.000257	mg/kg	U	ND< 0.000251	mg/kg	U	ND< 0.000257	mg/kg	U	ND< 0.000244	mg/kg	U	ND< 0.000252	mg/kg	U
E537	Perfluoropentanoic Acid (PFPA)	2706-90-3	NE	NE	mg/kg	ND< 0.000248	mg/kg	U	ND< 0.000256	mg/kg	U	ND< 0.000246	mg/kg	U	ND< 0.00024	mg/kg	U	ND< 0.000263	mg/kg	U	ND< 0.000257	mg/kg	U	ND< 0.000251	mg/kg	U	ND< 0.000257	mg/kg	U	ND< 0.000244	mg/kg	U	ND< 0.000252	mg/kg	U
E537	Perfluorotridecanoic acid (PFTA)	376-06-7	NE	NE	mg/kg	ND< 0.000248	mg/kg	U	ND< 0.000256	mg/kg	U	ND< 0.000246	mg/kg	U	ND< 0.00024	mg/kg	U	ND< 0.000263	mg/kg	U	ND< 0.000257	mg/kg	U	ND< 0.000251	mg/kg	U	ND< 0.000257	mg/kg	U	ND< 0.000244	mg/kg	U	ND< 0.000252	mg/kg	U
E537	Perfluorodecanoic Acid (PFTA)	72629-94-8	NE	NE	mg/kg	ND< 0.000248	mg/kg	U	ND< 0.000256	mg/kg	U	ND< 0.000246	mg/kg	U	ND< 0.00024	mg/kg	U	ND< 0.000263	mg/kg	U	ND< 0.000257	mg/kg	U	ND< 0.000251	mg/kg	U	ND< 0.000257	mg/kg	U	ND< 0.000244	mg/kg	U	ND< 0.000252	mg/kg	U
E537	Perfluoroundecanoic Acid (PFUdA)	2058-94-8	NE	NE	mg/kg	ND< 0.000248	mg/kg	U	ND< 0.000256	mg/kg	U	ND< 0.000246	mg/kg	U	ND< 0.00024	mg/kg	U	ND< 0.000263	mg/kg	U	ND< 0.000257	mg/kg	U	ND< 0.000251	mg/kg	U	ND< 0.000257	mg/kg	U	ND< 0.000244	mg/kg	U	ND< 0.000252	mg/kg	U
E537	Sodium 1H,1H,2H,2H-Perfluorodecane Sulfonate (8:2)	99108-34-4	NE	NE	mg/kg	ND< 0.000248	mg/kg	U	ND< 0.000256	mg/kg	U	ND< 0.000246	mg/kg	U	ND< 0.00024	mg/kg	U	ND< 0.000263	mg/kg	U	ND< 0.000257	mg/kg	U	ND< 0.000251	mg/kg	U	ND< 0.000257	mg/kg	U	ND< 0.000244	mg/kg	U	ND< 0.000252	mg/kg	U
E537	Sodium 1H,1H,2H,2H-Perfluorooctane Sulfonate (6:2)	172619-97-2	NE	NE	mg/kg	ND< 0.000248	mg/kg	U	ND< 0.000256	mg/kg	U	ND< 0.000246	mg/kg	U	ND< 0.00024	mg/kg	U	ND< 0.000263	mg/kg	U	ND< 0.000257	mg/kg	U	ND< 0.000251	mg/kg	U	ND< 0.000257	mg/kg	U	ND< 0.000244	mg/kg	U	ND< 0.000252	mg/kg	U

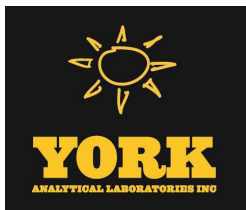
Notes:
 Standards are for respective Soil Cleanup Objectives per 6 NYCRR Part 375 January 2021 PFAS Guidance
 Protection of Groundwater (PGW) and Restricted Residential Soil Cleanup Objectives (RRSCLs);
 Yellow shading designates those compounds detected at concentrations exceeding PGW;
 Orange shading designates those compounds detected at concentrations exceeding RRSCLs;
 NE = No standard established; &
 ND and U = Not detected at method detection limit for sample.

Table 3 - PFAS in Composite Soil Samples
 Compared to Guidance Values in 6 NYCRR Part 375
 Collected from: One Dutchess Site - Dutchess Landing Road, City of Poughkeepsie, NY
 PVE File #560909

					Date Sampled		5/19/2021		5/19/2021		5/19/2021		5/19/2021		5/19/2021		5/19/2021		5/19/2021		5/19/2021		5/19/2021		5/19/2021		5/19/2021		5/19/2021		5/19/2021		5/19/2021		5/19/2021		5/19/2021		5/19/2021		5/19/2021		5/19/2021		5/19/2021		5/19/2021		5/19/2021		5/19/2021		5/19/2021		5/19/2021		5/19/2021		5/19/2021		5/19/2021		5/19/2021		5/19/2021		5/19/2021		5/19/2021		5/19/2021		5/19/2021		5/19/2021		5/19/2021		5/19/2021		5/19/2021		5/19/2021		5/19/2021		5/19/2021		5/19/2021		5/19/2021		5/19/2021		5/19/2021		5/19/2021		5/19/2021		5/19/2021		5/19/2021		5/19/2021		5/19/2021		5/19/2021		5/19/2021		5/19/2021		5/19/2021		5/19/2021		5/19/2021		5/19/2021		5/19/2021		5/19/2021		5/19/2021		5/19/2021		5/19/2021		5/19/2021		5/19/2021		5/19/2021		5/19/2021		5/19/2021		5/19/2021		5/19/2021		5/19/2021		5/19/2021		5/19/2021		5/19/2021		5/19/2021		5/19/2021		5/19/2021		5/19/2021		5/19/2021		5/19/2021		5/19/2021		5/19/2021		5/19/2021		5/19/2021		5/19/2021		5/19/2021		5/19/2021		5/19/2021		5/19/2021		5/19/2021		5/19/2021		5/19/2021		5/19/2021		5/19/2021		5/19/2021		5/19/2021		5/19/2021		5/19/2021		5/19/2021		5/19/2021		5/19/2021		5/19/2021		5/19/2021		5/19/2021		5/19/2021		5/19/2021		5/19/2021		5/19/2021		5/19/2021		5/19/2021		5/19/2021		5/19/2021		5/19/2021		5/19/2021		5/19/2021		5/19/2021		5/19/2021		5/19/2021		5/19/2021		5/19/2021		5/19/2021		5/19/2021		5/19/2021		5/19/2021		5/19/2021		5/19/2021		5/19/2021		5/19/2021		5/19/2021		5/19/2021		5/19/2021		5/19/2021		5/19/2021		5/19/2021		5/19/2021		5/19/2021		5/19/2021		5/19/2021		5/19/2021		5/19/2021		5/19/2021		5/19/2021		5/19/2021		5/19/2021		5/19/2021		5/19/2021		5/19/2021		5/19/2021		5/19/2021		5/19/2021		5/19/2021		5/19/2021		5/19/2021		5/19/2021		5/19/2021		5/19/2021		5/19/2021		5/19/2021		5/19/2021		5/19/2021		5/19/2021		5/19/2021		5/19/2021		5/19/2021		5/19/2021		5/19/2021		5/19/2021		5/19/2021		5/19/2021		5/19/2021		5/19/2021		5/19/2021		5/19/2021		5/19/2021		5/19/2021		5/19/2021		5/19/2021		5/19/2021		5/19/2021		5/19/2021		5/19/2021		5/19/2021		5/19/2021		5/19/2021		5/19/2021		5/19/2021		5/19/2021		5/19/2021		5/19/2021		5/19/2021		5/19/2021		5/19/2021		5/19/2021		5/19/2021		5/19/2021		5/19/2021		5/19/2021		5/19/2021		5/19/2021		5/19/2021		5/19/2021		5/19/2021		5/19/2021		5/19/2021		5/19/2021		5/19/2021		5/19/2021		5/19/2021		5/19/2021		5/19/2021		5/19/2021		5/19/2021		5/19/2021		5/19/2021		5/19/2021		5/19/2021		5/19/2021		5/19/2021		5/19/2021		5/19/2021		5/19/2021		5/19/2021		5/19/2021		5/19/2021		5/19/2021		5/19/2021		5/19/2021		5/19/2021		5/19/2021		5/19/2021		5/19/2021		5/19/2021		5/19/2021		5/19/2021		5/19/2021		5/19/2021		5/19/2021		5/19/2021		5/19/2021		5/19/2021		5/19/2021		5/19/2021		5/19/2021		5/19/2021		5/19/2021		5/19/2021		5/19/2021		5/19/2021		5/19/2021		5/19/2021		5/19/2021		5/19/2021		5/19/2021		5/19/2021		5/19/2021		5/19/2021		5/19/2021		5/19/2021		5/19/2021		5/19/2021		5/19/2021		5/19/2021		5/19/2021		5/19/2021		5/19/2021		5/19/2021		5/19/2021		5/19/2021		5/19/2021		5/19/2021		5/19/2021		5/19/2021		5/19/2021		5/19/2021		5/19/2021		5/19/2021		5/19/2021		5/19/2021		5/19/2021		5/19/2021		5/19/2021		5/19/2021		5/19/2021		5/19/2021		5/19/2021		5/19/2021		5/19/2021		5/19/2021		5/19/2021		5/19/2021		5/19/2021		5/19/2021		5/19/2021		5/19/2021		5/19/2021		5/19/2021		5/19/2021		5/19/2021		5/19/2021		5/19/2021		5/19/2021		5/19/2021		5/19/2021		5/19/2021		5/19/2021		5/19/2021		5/19/2021		5/19/2021		5/19/2021		5/19/2021		5/19/2021		5/19/2021		5/19/2021		5/19/2021		5/19/2021		5/19/2021		5/19/2021		5/19/2021		5/19/2021		5/19/2021		5/19/2021		5/19/2021		5/19/2021		5/19/2021		5/19/2021		5/19/2021		5/19/2021		5/19/2021		5/19/2021		5/19/2021		5/19/2021		5/19/2021		5/19/2021		5/19/2021		5/19/2021		5/19/2021		5/19/2021		5/19/2021		5/19/2021		5/19/2021		5/19/2021		5/19/2021		5/19/2021		5/19/2021		5/19/2021		5/19/2021		5/19/2021		5/19/2021		5/19/2021		5/19/2021		5/19/2021		5/19/2021		5/19/2021		5/19/2021		5/19/2021		5/19/2021		5/19/2021		5/19/2021		5/19/2021		5/19/2021		5/19/2021		5/19/2021		5/19/2021		5/19/2021		5/19/2021		5/19/2021		5/19/2021		5/19/2021		5/19/2021		5/19/2021		5/19/2021		5/19/2021		5/19/2021		5/19/2021		5/19/2021		5/19/2021		5/19/2021		5/19/2021		5/19/2021		5/19/2021		5/19/2021		5/19/2021		5/19/2021		5/19/2021		5/19/2021		5/19/2021		5/19/2021		5/19/2021		5/19/2021		5/19/2021		5/19/2021		5/19/2021		5/19/2021		5/19/2021		5/19/2021		5/19/2021		5/19/2021		5/19/2021		5/19/2021		5/19/2021		5/19/2021		5/19/2021		5/19/2021		5/19/2021		5/19/2021		5/19/2021		5/19/2021		5/19/2021		5/19/2021		5/1	
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Notes:
 Standards are for respective Soil Cleanup Objectives per 6 NYCRR Part 375 January 2021 PFAS Guidance
 Protection of Groundwater (PGW) and Restricted Residential Soil Cleanup Objectives (RRSCOs);
 Yellow shading designates those compounds detected at concentrations exceeding PGW;
 Orange shading designates those compounds detected at concentrations exceeding RRSCOs;
 NE = No standard established; N
 ND and U = Not detected at method detection limit for sample.

ANALYTICAL RESULTS



Technical Report

prepared for:

PVE, LLC.
48 Springside Avenue
Poughkeepsie NY, 12603
Attention: Conor Tarbell

Report Date: 05/28/2021
Client Project ID: 560909-Onekey
York Project (SDG) No.: 21E0875

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
www.YORKLAB.com

STRATFORD, CT 06615
(203) 325-1371



132-02 89th AVENUE
FAX (203) 357-0166

RICHMOND HILL, NY 11418
ClientServices@yorklab.com

Report Date: 05/28/2021
Client Project ID: 560909-Onekey
York Project (SDG) No.: 21E0875

PVE, LLC.
48 Springside Avenue
Poughkeepsie NY, 12603
Attention: Conor Tarbell

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 May 20, 2021 and listed below. The project was identified as your project: **560909-Onekey**.

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.

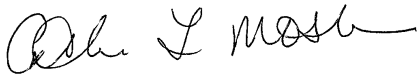
Please contact Client Services at 203.325.1371 with any questions regarding this report.

<u>York Sample ID</u>	<u>Client Sample ID</u>	<u>Matrix</u>	<u>Date Collected</u>	<u>Date Received</u>
21E0875-01	Grab 1 20210519	Soil	05/19/2021	05/20/2021
21E0875-02	Grab 2 20210519	Soil	05/19/2021	05/20/2021
21E0875-03	Grab 3 20210519	Soil	05/19/2021	05/20/2021
21E0875-04	Grab 4 20210519	Soil	05/19/2021	05/20/2021
21E0875-05	Grab 5 20210519	Soil	05/19/2021	05/20/2021
21E0875-06	Grab 6 20210519	Soil	05/19/2021	05/20/2021
21E0875-07	Grab 7 20210519	Soil	05/19/2021	05/20/2021
21E0875-08	Grab 8 20210519	Soil	05/19/2021	05/20/2021
21E0875-09	Grab 9 20210519	Soil	05/19/2021	05/20/2021
21E0875-10	Grab 10 20210519	Soil	05/19/2021	05/20/2021
21E0875-11	Grab 11 20210519	Soil	05/19/2021	05/20/2021
21E0875-12	Grab 12 20210519	Soil	05/19/2021	05/20/2021
21E0875-13	Grab 13 20210519	Soil	05/19/2021	05/20/2021
21E0875-14	Grab 14 20210519	Soil	05/19/2021	05/20/2021
21E0875-15	Grab 15 20210519	Soil	05/19/2021	05/20/2021
21E0875-16	Grab 16 20210519	Soil	05/19/2021	05/20/2021
21E0875-17	Grab 17 20210519	Soil	05/19/2021	05/20/2021
21E0875-18	Grab 18 20210519	Soil	05/19/2021	05/20/2021
21E0875-19	Grab 19 20210519	Soil	05/19/2021	05/20/2021
21E0875-20	Grab 20 20210519	Soil	05/19/2021	05/20/2021
21E0875-21	Grab 21 20210519	Soil	05/19/2021	05/20/2021
21E0875-22	Grab 22 20210519	Soil	05/19/2021	05/20/2021

<u>York Sample ID</u>	<u>Client Sample ID</u>	<u>Matrix</u>	<u>Date Collected</u>	<u>Date Received</u>
21E0875-23	Grab 23 20210519	Soil	05/19/2021	05/20/2021
21E0875-24	Grab 24 20210519	Soil	05/19/2021	05/20/2021
21E0875-25	Grab 25 20210519	Soil	05/19/2021	05/20/2021
21E0875-26	Grab 26 20210519	Soil	05/19/2021	05/20/2021
21E0875-27	Comp 1 20210519	Soil	05/19/2021	05/20/2021
21E0875-28	Comp 2 20210519	Soil	05/19/2021	05/20/2021
21E0875-29	Comp 3 20210519	Soil	05/19/2021	05/20/2021
21E0875-30	Comp 4 20210519	Soil	05/19/2021	05/20/2021
21E0875-31	Comp 5 20210519	Soil	05/19/2021	05/20/2021
21E0875-32	Comp 6 20210519	Soil	05/19/2021	05/20/2021
21E0875-33	Comp 7 20210519	Soil	05/19/2021	05/20/2021
21E0875-34	Comp 8 20210519	Soil	05/19/2021	05/20/2021
21E0875-35	Comp 9 20210519	Soil	05/19/2021	05/20/2021
21E0875-36	Comp 10 20210519	Soil	05/19/2021	05/20/2021
21E0875-37	Comp 11 20210519	Soil	05/19/2021	05/20/2021
21E0875-38	Comp 12 20210519	Soil	05/19/2021	05/20/2021
21E0875-39	Comp 13 20210519	Soil	05/19/2021	05/20/2021
21E0875-40	Comp 14 20210519	Soil	05/19/2021	05/20/2021
21E0875-41	Comp 15 20210519	Soil	05/19/2021	05/20/2021
21E0875-42	Comp 16 20210519	Soil	05/19/2021	05/20/2021
21E0875-43	Comp 17 20210519	Soil	05/19/2021	05/20/2021
21E0875-44	Comp 18 20210519	Soil	05/19/2021	05/20/2021
21E0875-45	Comp 19 20210519	Soil	05/19/2021	05/20/2021
21E0875-46	Comp 20 20210519	Soil	05/19/2021	05/20/2021
21E0875-47	Comp 21 20210519	Soil	05/19/2021	05/20/2021

General Notes for York Project (SDG) No.: 21E0875

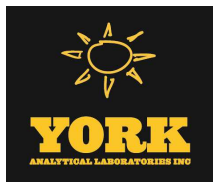
1. The RLs and MDLs (Reporting Limit and Method Detection Limit respectively) reported are adjusted for any dilution necessary due to the levels of target and/or non-target analytes and matrix interference. The RL(REPORTING LIMIT) is based upon the lowest standard utilized for the calibration where applicable.
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: 

Date: 05/28/2021

Cassie L. Mosher
Laboratory Manager





Sample Information

Client Sample ID: Grab 1 20210519

York Sample ID: 21E0875-01

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

21E0875

560909-Onekey

Soil

May 19, 2021 10:30 am

05/20/2021

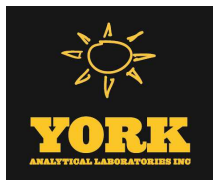
Volatile Organics, NYSDEC Part 375 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	3.3	6.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/24/2021 06:47	05/24/2021 12:26	KHA
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	3.3	6.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/24/2021 06:47	05/24/2021 12:26	KHA
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	3.3	6.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/24/2021 06:47	05/24/2021 12:26	KHA
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	3.3	6.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/24/2021 06:47	05/24/2021 12:26	KHA
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	3.3	6.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/24/2021 06:47	05/24/2021 12:26	KHA
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	3.3	6.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/24/2021 06:47	05/24/2021 12:26	KHA
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	3.3	6.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/24/2021 06:47	05/24/2021 12:26	KHA
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	3.3	6.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/24/2021 06:47	05/24/2021 12:26	KHA
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	3.3	6.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/24/2021 06:47	05/24/2021 12:26	KHA
123-91-1	1,4-Dioxane	ND		ug/kg dry	65	130	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/24/2021 06:47	05/24/2021 12:26	KHA
78-93-3	2-Butanone	ND		ug/kg dry	3.3	6.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/24/2021 06:47	05/24/2021 12:26	KHA
67-64-1	Acetone	15		ug/kg dry	6.5	13	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/24/2021 06:47	05/24/2021 12:26	KHA
71-43-2	Benzene	ND		ug/kg dry	3.3	6.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/24/2021 06:47	05/24/2021 12:26	KHA
56-23-5	Carbon tetrachloride	ND		ug/kg dry	3.3	6.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/24/2021 06:47	05/24/2021 12:26	KHA
108-90-7	Chlorobenzene	ND		ug/kg dry	3.3	6.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/24/2021 06:47	05/24/2021 12:26	KHA
67-66-3	Chloroform	ND		ug/kg dry	3.3	6.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/24/2021 06:47	05/24/2021 12:26	KHA
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	3.3	6.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/24/2021 06:47	05/24/2021 12:26	KHA
100-41-4	Ethyl Benzene	ND		ug/kg dry	3.3	6.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/24/2021 06:47	05/24/2021 12:26	KHA
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	3.3	6.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/24/2021 06:47	05/24/2021 12:26	KHA
75-09-2	Methylene chloride	9.8	J	ug/kg dry	6.5	13	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/24/2021 06:47	05/24/2021 12:26	KHA
91-20-3	Naphthalene	ND		ug/kg dry	3.3	13	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/24/2021 06:47	05/24/2021 12:26	KHA
104-51-8	n-Butylbenzene	ND		ug/kg dry	3.3	6.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/24/2021 06:47	05/24/2021 12:26	KHA



Sample Information

Client Sample ID: Grab 1 20210519

York Sample ID: 21E0875-01

York Project (SDG) No.
21E0875

Client Project ID
560909-Onekey

Matrix
Soil

Collection Date/Time
May 19, 2021 10:30 am

Date Received
05/20/2021

Volatile Organics, NYSDEC Part 375 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
103-65-1	n-Propylbenzene	ND		ug/kg dry	3.3	6.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/24/2021 06:47	05/24/2021 12:26	KHA
95-47-6	o-Xylene	ND		ug/kg dry	3.3	6.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP	05/24/2021 06:47	05/24/2021 12:26	KHA
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	6.5	13	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP	05/24/2021 06:47	05/24/2021 12:26	KHA
135-98-8	sec-Butylbenzene	ND		ug/kg dry	3.3	6.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/24/2021 06:47	05/24/2021 12:26	KHA
98-06-6	tert-Butylbenzene	ND		ug/kg dry	3.3	6.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/24/2021 06:47	05/24/2021 12:26	KHA
127-18-4	Tetrachloroethylene	ND		ug/kg dry	3.3	6.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/24/2021 06:47	05/24/2021 12:26	KHA
108-88-3	Toluene	ND		ug/kg dry	3.3	6.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/24/2021 06:47	05/24/2021 12:26	KHA
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	3.3	6.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/24/2021 06:47	05/24/2021 12:26	KHA
79-01-6	Trichloroethylene	ND		ug/kg dry	3.3	6.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/24/2021 06:47	05/24/2021 12:26	KHA
75-01-4	Vinyl Chloride	ND		ug/kg dry	3.3	6.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/24/2021 06:47	05/24/2021 12:26	KHA
1330-20-7	Xylenes, Total	ND		ug/kg dry	9.8	20	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP	05/24/2021 06:47	05/24/2021 12:26	KHA
Surrogate Recoveries		Result		Acceptance Range							
17060-07-0	Surrogate: SURRE: 1,2-Dichloroethane-d4	98.7 %				77-125					
2037-26-5	Surrogate: SURRE: Toluene-d8	103 %				85-120					
460-00-4	Surrogate: SURRE: p-Bromofluorobenzene	94.7 %				76-130					

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	97.2		%	0.100	1	SM 2540G Certifications: CTDOH	05/21/2021 08:12	05/21/2021 12:26	SK

Sample Information

Client Sample ID: Grab 2 20210519

York Sample ID: 21E0875-02

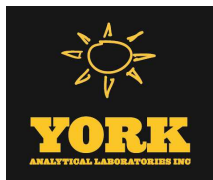
York Project (SDG) No.
21E0875

Client Project ID
560909-Onekey

Matrix
Soil

Collection Date/Time
May 19, 2021 10:35 am

Date Received
05/20/2021



Sample Information

Client Sample ID: Grab 2 20210519

York Sample ID: 21E0875-02

York Project (SDG) No.
21E0875

Client Project ID
560909-Onekey

Matrix
Soil

Collection Date/Time
May 19, 2021 10:35 am

Date Received
05/20/2021

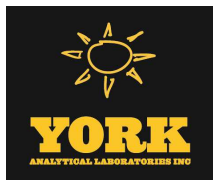
Volatile Organics, NYSDEC Part 375 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	2.6	5.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/24/2021 06:47	05/24/2021 12:52	KHA
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	2.6	5.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/24/2021 06:47	05/24/2021 12:52	KHA
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	2.6	5.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/24/2021 06:47	05/24/2021 12:52	KHA
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	2.6	5.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/24/2021 06:47	05/24/2021 12:52	KHA
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	2.6	5.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/24/2021 06:47	05/24/2021 12:52	KHA
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	2.6	5.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/24/2021 06:47	05/24/2021 12:52	KHA
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	2.6	5.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/24/2021 06:47	05/24/2021 12:52	KHA
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	2.6	5.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/24/2021 06:47	05/24/2021 12:52	KHA
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	2.6	5.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/24/2021 06:47	05/24/2021 12:52	KHA
123-91-1	1,4-Dioxane	ND		ug/kg dry	51	100	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/24/2021 06:47	05/24/2021 12:52	KHA
78-93-3	2-Butanone	ND		ug/kg dry	2.6	5.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/24/2021 06:47	05/24/2021 12:52	KHA
67-64-1	Acetone	ND		ug/kg dry	5.1	10	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/24/2021 06:47	05/24/2021 12:52	KHA
71-43-2	Benzene	ND		ug/kg dry	2.6	5.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/24/2021 06:47	05/24/2021 12:52	KHA
56-23-5	Carbon tetrachloride	ND		ug/kg dry	2.6	5.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/24/2021 06:47	05/24/2021 12:52	KHA
108-90-7	Chlorobenzene	ND		ug/kg dry	2.6	5.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/24/2021 06:47	05/24/2021 12:52	KHA
67-66-3	Chloroform	ND		ug/kg dry	2.6	5.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/24/2021 06:47	05/24/2021 12:52	KHA
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	2.6	5.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/24/2021 06:47	05/24/2021 12:52	KHA
100-41-4	Ethyl Benzene	ND		ug/kg dry	2.6	5.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/24/2021 06:47	05/24/2021 12:52	KHA
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	2.6	5.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/24/2021 06:47	05/24/2021 12:52	KHA
75-09-2	Methylene chloride	7.9	J	ug/kg dry	5.1	10	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/24/2021 06:47	05/24/2021 12:52	KHA
91-20-3	Naphthalene	ND		ug/kg dry	2.6	10	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/24/2021 06:47	05/24/2021 12:52	KHA
104-51-8	n-Butylbenzene	ND		ug/kg dry	2.6	5.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/24/2021 06:47	05/24/2021 12:52	KHA
103-65-1	n-Propylbenzene	ND		ug/kg dry	2.6	5.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/24/2021 06:47	05/24/2021 12:52	KHA



Sample Information

Client Sample ID: Grab 2 20210519

York Sample ID: 21E0875-02

York Project (SDG) No.
21E0875

Client Project ID
560909-Onekey

Matrix
Soil

Collection Date/Time
May 19, 2021 10:35 am

Date Received
05/20/2021

Volatile Organics, NYSDEC Part 375 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
95-47-6	o-Xylene	ND		ug/kg dry	2.6	5.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP	05/24/2021 06:47	05/24/2021 12:52	KHA
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	5.1	10	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP	05/24/2021 06:47	05/24/2021 12:52	KHA
135-98-8	sec-Butylbenzene	ND		ug/kg dry	2.6	5.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/24/2021 06:47	05/24/2021 12:52	KHA
98-06-6	tert-Butylbenzene	ND		ug/kg dry	2.6	5.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/24/2021 06:47	05/24/2021 12:52	KHA
127-18-4	Tetrachloroethylene	ND		ug/kg dry	2.6	5.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/24/2021 06:47	05/24/2021 12:52	KHA
108-88-3	Toluene	ND		ug/kg dry	2.6	5.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/24/2021 06:47	05/24/2021 12:52	KHA
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	2.6	5.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/24/2021 06:47	05/24/2021 12:52	KHA
79-01-6	Trichloroethylene	ND		ug/kg dry	2.6	5.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/24/2021 06:47	05/24/2021 12:52	KHA
75-01-4	Vinyl Chloride	ND		ug/kg dry	2.6	5.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/24/2021 06:47	05/24/2021 12:52	KHA
1330-20-7	Xylenes, Total	ND		ug/kg dry	7.7	15	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP	05/24/2021 06:47	05/24/2021 12:52	KHA
Surrogate Recoveries		Result		Acceptance Range							
17060-07-0	Surrogate: SURR: 1,2-Dichloroethane-d4	96.2 %				77-125					
2037-26-5	Surrogate: SURR: Toluene-d8	103 %				85-120					
460-00-4	Surrogate: SURR: p-Bromofluorobenzene	94.3 %				76-130					

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	95.8		%	0.100	1	SM 2540G Certifications: CTDOH	05/21/2021 08:12	05/21/2021 12:26	SK

Sample Information

Client Sample ID: Grab 3 20210519

York Sample ID: 21E0875-03

York Project (SDG) No.
21E0875

Client Project ID
560909-Onekey

Matrix
Soil

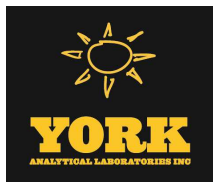
Collection Date/Time
May 19, 2021 10:40 am

Date Received
05/20/2021

Volatile Organics, NYSDEC Part 375 List

Log-in Notes:

Sample Notes:



Sample Information

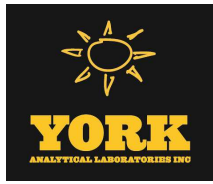
Client Sample ID: Grab 3 20210519

York Sample ID: 21E0875-03

<u>York Project (SDG) No.</u> 21E0875	<u>Client Project ID</u> 560909-Onekey	<u>Matrix</u> Soil	<u>Collection Date/Time</u> May 19, 2021 10:40 am	<u>Date Received</u> 05/20/2021
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Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/24/2021 06:47	05/24/2021 13:19	KHA
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/24/2021 06:47	05/24/2021 13:19	KHA
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/24/2021 06:47	05/24/2021 13:19	KHA
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/24/2021 06:47	05/24/2021 13:19	KHA
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/24/2021 06:47	05/24/2021 13:19	KHA
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/24/2021 06:47	05/24/2021 13:19	KHA
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/24/2021 06:47	05/24/2021 13:19	KHA
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/24/2021 06:47	05/24/2021 13:19	KHA
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/24/2021 06:47	05/24/2021 13:19	KHA
123-91-1	1,4-Dioxane	ND		ug/kg dry	56	110	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/24/2021 06:47	05/24/2021 13:19	KHA
78-93-3	2-Butanone	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/24/2021 06:47	05/24/2021 13:19	KHA
67-64-1	Acetone	ND		ug/kg dry	5.6	11	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/24/2021 06:47	05/24/2021 13:19	KHA
71-43-2	Benzene	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/24/2021 06:47	05/24/2021 13:19	KHA
56-23-5	Carbon tetrachloride	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/24/2021 06:47	05/24/2021 13:19	KHA
108-90-7	Chlorobenzene	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/24/2021 06:47	05/24/2021 13:19	KHA
67-66-3	Chloroform	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/24/2021 06:47	05/24/2021 13:19	KHA
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/24/2021 06:47	05/24/2021 13:19	KHA
100-41-4	Ethyl Benzene	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/24/2021 06:47	05/24/2021 13:19	KHA
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/24/2021 06:47	05/24/2021 13:19	KHA
75-09-2	Methylene chloride	9.3	J	ug/kg dry	5.6	11	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/24/2021 06:47	05/24/2021 13:19	KHA
91-20-3	Naphthalene	ND		ug/kg dry	2.8	11	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/24/2021 06:47	05/24/2021 13:19	KHA
104-51-8	n-Butylbenzene	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/24/2021 06:47	05/24/2021 13:19	KHA
103-65-1	n-Propylbenzene	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/24/2021 06:47	05/24/2021 13:19	KHA
95-47-6	o-Xylene	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/24/2021 06:47	05/24/2021 13:19	KHA



Sample Information

Client Sample ID: Grab 3 20210519

York Sample ID: 21E0875-03

York Project (SDG) No.

21E0875

Client Project ID

560909-Onekey

Matrix

Soil

Collection Date/Time

May 19, 2021 10:40 am

Date Received

05/20/2021

Volatile Organics, NYSDEC Part 375 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	5.6	11	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP	05/24/2021 06:47	05/24/2021 13:19	KHA
135-98-8	sec-Butylbenzene	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/24/2021 06:47	05/24/2021 13:19	KHA
98-06-6	tert-Butylbenzene	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/24/2021 06:47	05/24/2021 13:19	KHA
127-18-4	Tetrachloroethylene	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/24/2021 06:47	05/24/2021 13:19	KHA
108-88-3	Toluene	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/24/2021 06:47	05/24/2021 13:19	KHA
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/24/2021 06:47	05/24/2021 13:19	KHA
79-01-6	Trichloroethylene	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/24/2021 06:47	05/24/2021 13:19	KHA
75-01-4	Vinyl Chloride	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/24/2021 06:47	05/24/2021 13:19	KHA
1330-20-7	Xylenes, Total	ND		ug/kg dry	8.4	17	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP	05/24/2021 06:47	05/24/2021 13:19	KHA
Surrogate Recoveries		Result		Acceptance Range							
17060-07-0	Surrogate: SURR: 1,2-Dichloroethane-d4	96.4 %				77-125					
2037-26-5	Surrogate: SURR: Toluene-d8	104 %				85-120					
460-00-4	Surrogate: SURR: p-Bromofluorobenzene	95.0 %				76-130					

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	96.6		%	0.100	1	SM 2540G Certifications: CTDOH	05/21/2021 08:12	05/21/2021 12:26	SK

Sample Information

Client Sample ID: Grab 4 20210519

York Sample ID: 21E0875-04

York Project (SDG) No.

21E0875

Client Project ID

560909-Onekey

Matrix

Soil

Collection Date/Time

May 19, 2021 10:45 am

Date Received

05/20/2021

Volatile Organics, NYSDEC Part 375 List

Log-in Notes:

Sample Notes:



Sample Information

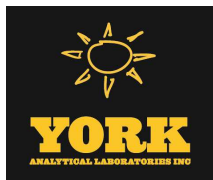
Client Sample ID: Grab 4 20210519

York Sample ID: 21E0875-04

<u>York Project (SDG) No.</u> 21E0875	<u>Client Project ID</u> 560909-Onekey	<u>Matrix</u> Soil	<u>Collection Date/Time</u> May 19, 2021 10:45 am	<u>Date Received</u> 05/20/2021
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Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	2.6	5.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/24/2021 06:47	05/24/2021 13:45	KHA
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	2.6	5.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/24/2021 06:47	05/24/2021 13:45	KHA
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	2.6	5.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/24/2021 06:47	05/24/2021 13:45	KHA
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	2.6	5.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/24/2021 06:47	05/24/2021 13:45	KHA
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	2.6	5.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/24/2021 06:47	05/24/2021 13:45	KHA
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	2.6	5.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/24/2021 06:47	05/24/2021 13:45	KHA
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	2.6	5.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/24/2021 06:47	05/24/2021 13:45	KHA
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	2.6	5.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/24/2021 06:47	05/24/2021 13:45	KHA
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	2.6	5.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/24/2021 06:47	05/24/2021 13:45	KHA
123-91-1	1,4-Dioxane	ND		ug/kg dry	51	100	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/24/2021 06:47	05/24/2021 13:45	KHA
78-93-3	2-Butanone	ND		ug/kg dry	2.6	5.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/24/2021 06:47	05/24/2021 13:45	KHA
67-64-1	Acetone	ND		ug/kg dry	5.1	10	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/24/2021 06:47	05/24/2021 13:45	KHA
71-43-2	Benzene	ND		ug/kg dry	2.6	5.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/24/2021 06:47	05/24/2021 13:45	KHA
56-23-5	Carbon tetrachloride	ND		ug/kg dry	2.6	5.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/24/2021 06:47	05/24/2021 13:45	KHA
108-90-7	Chlorobenzene	ND		ug/kg dry	2.6	5.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/24/2021 06:47	05/24/2021 13:45	KHA
67-66-3	Chloroform	ND		ug/kg dry	2.6	5.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/24/2021 06:47	05/24/2021 13:45	KHA
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	2.6	5.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/24/2021 06:47	05/24/2021 13:45	KHA
100-41-4	Ethyl Benzene	ND		ug/kg dry	2.6	5.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/24/2021 06:47	05/24/2021 13:45	KHA
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	2.6	5.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/24/2021 06:47	05/24/2021 13:45	KHA
75-09-2	Methylene chloride	5.2	J	ug/kg dry	5.1	10	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/24/2021 06:47	05/24/2021 13:45	KHA
91-20-3	Naphthalene	ND		ug/kg dry	2.6	10	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/24/2021 06:47	05/24/2021 13:45	KHA
104-51-8	n-Butylbenzene	ND		ug/kg dry	2.6	5.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/24/2021 06:47	05/24/2021 13:45	KHA
103-65-1	n-Propylbenzene	ND		ug/kg dry	2.6	5.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/24/2021 06:47	05/24/2021 13:45	KHA
95-47-6	o-Xylene	ND		ug/kg dry	2.6	5.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/24/2021 06:47	05/24/2021 13:45	KHA



Sample Information

Client Sample ID: Grab 4 20210519

York Sample ID: 21E0875-04

York Project (SDG) No.
21E0875

Client Project ID
560909-Onekey

Matrix
Soil

Collection Date/Time
May 19, 2021 10:45 am

Date Received
05/20/2021

Volatile Organics, NYSDEC Part 375 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	5.1	10	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP	05/24/2021 06:47	05/24/2021 13:45	KHA
135-98-8	sec-Butylbenzene	ND		ug/kg dry	2.6	5.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/24/2021 06:47	05/24/2021 13:45	KHA
98-06-6	tert-Butylbenzene	ND		ug/kg dry	2.6	5.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/24/2021 06:47	05/24/2021 13:45	KHA
127-18-4	Tetrachloroethylene	ND		ug/kg dry	2.6	5.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/24/2021 06:47	05/24/2021 13:45	KHA
108-88-3	Toluene	ND		ug/kg dry	2.6	5.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/24/2021 06:47	05/24/2021 13:45	KHA
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	2.6	5.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/24/2021 06:47	05/24/2021 13:45	KHA
79-01-6	Trichloroethylene	ND		ug/kg dry	2.6	5.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/24/2021 06:47	05/24/2021 13:45	KHA
75-01-4	Vinyl Chloride	ND		ug/kg dry	2.6	5.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/24/2021 06:47	05/24/2021 13:45	KHA
1330-20-7	Xylenes, Total	ND		ug/kg dry	7.7	15	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP	05/24/2021 06:47	05/24/2021 13:45	KHA
Surrogate Recoveries		Result		Acceptance Range							
17060-07-0	Surrogate: SURR: 1,2-Dichloroethane-d4	97.6 %				77-125					
2037-26-5	Surrogate: SURR: Toluene-d8	103 %				85-120					
460-00-4	Surrogate: SURR: p-Bromofluorobenzene	93.8 %				76-130					

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	99.5		%	0.100	1	SM 2540G Certifications: CTDOH	05/21/2021 08:15	05/21/2021 12:52	SK

Sample Information

Client Sample ID: Grab 5 20210519

York Sample ID: 21E0875-05

York Project (SDG) No.
21E0875

Client Project ID
560909-Onekey

Matrix
Soil

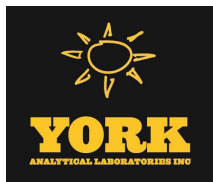
Collection Date/Time
May 19, 2021 10:50 am

Date Received
05/20/2021

Volatile Organics, NYSDEC Part 375 List

Log-in Notes:

Sample Notes:



Sample Information

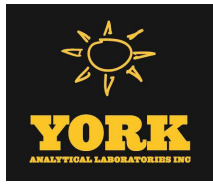
Client Sample ID: Grab 5 20210519

York Sample ID: 21E0875-05

<u>York Project (SDG) No.</u> 21E0875	<u>Client Project ID</u> 560909-Onekey	<u>Matrix</u> Soil	<u>Collection Date/Time</u> May 19, 2021 10:50 am	<u>Date Received</u> 05/20/2021
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Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	2.1	4.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/24/2021 06:47	05/24/2021 14:11	KHA
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	2.1	4.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/24/2021 06:47	05/24/2021 14:11	KHA
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	2.1	4.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/24/2021 06:47	05/24/2021 14:11	KHA
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	2.1	4.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/24/2021 06:47	05/24/2021 14:11	KHA
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	2.1	4.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/24/2021 06:47	05/24/2021 14:11	KHA
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	2.1	4.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/24/2021 06:47	05/24/2021 14:11	KHA
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	2.1	4.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/24/2021 06:47	05/24/2021 14:11	KHA
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	2.1	4.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/24/2021 06:47	05/24/2021 14:11	KHA
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	2.1	4.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/24/2021 06:47	05/24/2021 14:11	KHA
123-91-1	1,4-Dioxane	ND		ug/kg dry	43	85	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/24/2021 06:47	05/24/2021 14:11	KHA
78-93-3	2-Butanone	ND		ug/kg dry	2.1	4.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/24/2021 06:47	05/24/2021 14:11	KHA
67-64-1	Acetone	ND		ug/kg dry	4.3	8.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/24/2021 06:47	05/24/2021 14:11	KHA
71-43-2	Benzene	ND		ug/kg dry	2.1	4.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/24/2021 06:47	05/24/2021 14:11	KHA
56-23-5	Carbon tetrachloride	ND		ug/kg dry	2.1	4.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/24/2021 06:47	05/24/2021 14:11	KHA
108-90-7	Chlorobenzene	ND		ug/kg dry	2.1	4.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/24/2021 06:47	05/24/2021 14:11	KHA
67-66-3	Chloroform	ND		ug/kg dry	2.1	4.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/24/2021 06:47	05/24/2021 14:11	KHA
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	2.1	4.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/24/2021 06:47	05/24/2021 14:11	KHA
100-41-4	Ethyl Benzene	ND		ug/kg dry	2.1	4.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/24/2021 06:47	05/24/2021 14:11	KHA
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	2.1	4.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/24/2021 06:47	05/24/2021 14:11	KHA
75-09-2	Methylene chloride	5.1	J	ug/kg dry	4.3	8.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/24/2021 06:47	05/24/2021 14:11	KHA
91-20-3	Naphthalene	ND		ug/kg dry	2.1	8.5	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/24/2021 06:47	05/24/2021 14:11	KHA
104-51-8	n-Butylbenzene	ND		ug/kg dry	2.1	4.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/24/2021 06:47	05/24/2021 14:11	KHA
103-65-1	n-Propylbenzene	ND		ug/kg dry	2.1	4.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/24/2021 06:47	05/24/2021 14:11	KHA
95-47-6	o-Xylene	ND		ug/kg dry	2.1	4.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/24/2021 06:47	05/24/2021 14:11	KHA



Sample Information

Client Sample ID: Grab 5 20210519

York Sample ID: 21E0875-05

York Project (SDG) No.

21E0875

Client Project ID

560909-Onekey

Matrix

Soil

Collection Date/Time

May 19, 2021 10:50 am

Date Received

05/20/2021

Volatile Organics, NYSDEC Part 375 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	4.3	8.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP	05/24/2021 06:47	05/24/2021 14:11	KHA
135-98-8	sec-Butylbenzene	ND		ug/kg dry	2.1	4.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/24/2021 06:47	05/24/2021 14:11	KHA
98-06-6	tert-Butylbenzene	ND		ug/kg dry	2.1	4.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/24/2021 06:47	05/24/2021 14:11	KHA
127-18-4	Tetrachloroethylene	ND		ug/kg dry	2.1	4.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/24/2021 06:47	05/24/2021 14:11	KHA
108-88-3	Toluene	ND		ug/kg dry	2.1	4.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/24/2021 06:47	05/24/2021 14:11	KHA
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	2.1	4.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/24/2021 06:47	05/24/2021 14:11	KHA
79-01-6	Trichloroethylene	ND		ug/kg dry	2.1	4.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/24/2021 06:47	05/24/2021 14:11	KHA
75-01-4	Vinyl Chloride	ND		ug/kg dry	2.1	4.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/24/2021 06:47	05/24/2021 14:11	KHA
1330-20-7	Xylenes, Total	ND		ug/kg dry	6.4	13	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP	05/24/2021 06:47	05/24/2021 14:11	KHA
Surrogate Recoveries		Result		Acceptance Range							
17060-07-0	Surrogate: SURR: 1,2-Dichloroethane-d4	97.8 %				77-125					
2037-26-5	Surrogate: SURR: Toluene-d8	103 %				85-120					
460-00-4	Surrogate: SURR: p-Bromofluorobenzene	95.0 %				76-130					

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	96.7		%	0.100	1	SM 2540G Certifications: CTDOH	05/21/2021 08:14	05/21/2021 12:32	SK

Sample Information

Client Sample ID: Grab 6 20210519

York Sample ID: 21E0875-06

York Project (SDG) No.

21E0875

Client Project ID

560909-Onekey

Matrix

Soil

Collection Date/Time

May 19, 2021 10:55 am

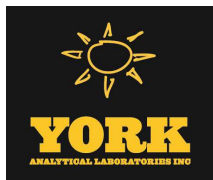
Date Received

05/20/2021

Volatile Organics, NYSDEC Part 375 List

Log-in Notes:

Sample Notes:



Sample Information

Client Sample ID: Grab 6 20210519

York Sample ID: 21E0875-06

York Project (SDG) No.
21E0875

Client Project ID
560909-Onekey

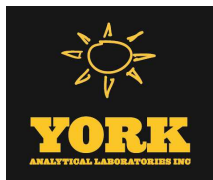
Matrix
Soil

Collection Date/Time
May 19, 2021 10:55 am

Date Received
05/20/2021

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/24/2021 06:47	05/24/2021 14:37	KHA
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/24/2021 06:47	05/24/2021 14:37	KHA
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/24/2021 06:47	05/24/2021 14:37	KHA
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/24/2021 06:47	05/24/2021 14:37	KHA
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/24/2021 06:47	05/24/2021 14:37	KHA
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/24/2021 06:47	05/24/2021 14:37	KHA
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/24/2021 06:47	05/24/2021 14:37	KHA
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/24/2021 06:47	05/24/2021 14:37	KHA
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/24/2021 06:47	05/24/2021 14:37	KHA
123-91-1	1,4-Dioxane	ND		ug/kg dry	46	92	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/24/2021 06:47	05/24/2021 14:37	KHA
78-93-3	2-Butanone	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/24/2021 06:47	05/24/2021 14:37	KHA
67-64-1	Acetone	ND		ug/kg dry	4.6	9.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/24/2021 06:47	05/24/2021 14:37	KHA
71-43-2	Benzene	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/24/2021 06:47	05/24/2021 14:37	KHA
56-23-5	Carbon tetrachloride	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/24/2021 06:47	05/24/2021 14:37	KHA
108-90-7	Chlorobenzene	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/24/2021 06:47	05/24/2021 14:37	KHA
67-66-3	Chloroform	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/24/2021 06:47	05/24/2021 14:37	KHA
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/24/2021 06:47	05/24/2021 14:37	KHA
100-41-4	Ethyl Benzene	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/24/2021 06:47	05/24/2021 14:37	KHA
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/24/2021 06:47	05/24/2021 14:37	KHA
75-09-2	Methylene chloride	7.7	J	ug/kg dry	4.6	9.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/24/2021 06:47	05/24/2021 14:37	KHA
91-20-3	Naphthalene	ND		ug/kg dry	2.3	9.2	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/24/2021 06:47	05/24/2021 14:37	KHA
104-51-8	n-Butylbenzene	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/24/2021 06:47	05/24/2021 14:37	KHA
103-65-1	n-Propylbenzene	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/24/2021 06:47	05/24/2021 14:37	KHA
95-47-6	o-Xylene	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/24/2021 06:47	05/24/2021 14:37	KHA



Sample Information

Client Sample ID: Grab 6 20210519

York Sample ID: 21E0875-06

York Project (SDG) No.
21E0875

Client Project ID
560909-Onekey

Matrix
Soil

Collection Date/Time
May 19, 2021 10:55 am

Date Received
05/20/2021

Volatile Organics, NYSDEC Part 375 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	4.6	9.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP	05/24/2021 06:47	05/24/2021 14:37	KHA
135-98-8	sec-Butylbenzene	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/24/2021 06:47	05/24/2021 14:37	KHA
98-06-6	tert-Butylbenzene	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/24/2021 06:47	05/24/2021 14:37	KHA
127-18-4	Tetrachloroethylene	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/24/2021 06:47	05/24/2021 14:37	KHA
108-88-3	Toluene	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/24/2021 06:47	05/24/2021 14:37	KHA
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/24/2021 06:47	05/24/2021 14:37	KHA
79-01-6	Trichloroethylene	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/24/2021 06:47	05/24/2021 14:37	KHA
75-01-4	Vinyl Chloride	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/24/2021 06:47	05/24/2021 14:37	KHA
1330-20-7	Xylenes, Total	ND		ug/kg dry	6.9	14	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP	05/24/2021 06:47	05/24/2021 14:37	KHA
Surrogate Recoveries		Result		Acceptance Range							
17060-07-0	Surrogate: SURR: 1,2-Dichloroethane-d4	95.0 %				77-125					
2037-26-5	Surrogate: SURR: Toluene-d8	104 %				85-120					
460-00-4	Surrogate: SURR: p-Bromofluorobenzene	95.0 %				76-130					

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	95.7		%	0.100	1	SM 2540G Certifications: CTDOH	05/21/2021 08:14	05/21/2021 12:32	SK

Sample Information

Client Sample ID: Grab 7 20210519

York Sample ID: 21E0875-07

York Project (SDG) No.
21E0875

Client Project ID
560909-Onekey

Matrix
Soil

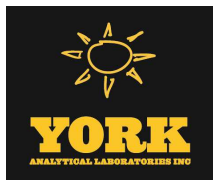
Collection Date/Time
May 19, 2021 11:00 am

Date Received
05/20/2021

Volatile Organics, NYSDEC Part 375 List

Log-in Notes:

Sample Notes:



Sample Information

Client Sample ID: Grab 7 20210519

York Sample ID: 21E0875-07

York Project (SDG) No.
21E0875

Client Project ID
560909-Onekey

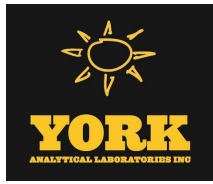
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Collection Date/Time
May 19, 2021 11:00 am

Date Received
05/20/2021

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	3.4	6.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/24/2021 06:47	05/24/2021 15:03	KHA
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	3.4	6.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/24/2021 06:47	05/24/2021 15:03	KHA
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	3.4	6.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/24/2021 06:47	05/24/2021 15:03	KHA
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	3.4	6.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/24/2021 06:47	05/24/2021 15:03	KHA
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	3.4	6.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/24/2021 06:47	05/24/2021 15:03	KHA
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	3.4	6.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/24/2021 06:47	05/24/2021 15:03	KHA
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	3.4	6.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/24/2021 06:47	05/24/2021 15:03	KHA
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	3.4	6.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/24/2021 06:47	05/24/2021 15:03	KHA
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	3.4	6.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/24/2021 06:47	05/24/2021 15:03	KHA
123-91-1	1,4-Dioxane	ND		ug/kg dry	68	140	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/24/2021 06:47	05/24/2021 15:03	KHA
78-93-3	2-Butanone	ND		ug/kg dry	3.4	6.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/24/2021 06:47	05/24/2021 15:03	KHA
67-64-1	Acetone	ND		ug/kg dry	6.8	14	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/24/2021 06:47	05/24/2021 15:03	KHA
71-43-2	Benzene	ND		ug/kg dry	3.4	6.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/24/2021 06:47	05/24/2021 15:03	KHA
56-23-5	Carbon tetrachloride	ND		ug/kg dry	3.4	6.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/24/2021 06:47	05/24/2021 15:03	KHA
108-90-7	Chlorobenzene	ND		ug/kg dry	3.4	6.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/24/2021 06:47	05/24/2021 15:03	KHA
67-66-3	Chloroform	ND		ug/kg dry	3.4	6.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/24/2021 06:47	05/24/2021 15:03	KHA
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	3.4	6.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/24/2021 06:47	05/24/2021 15:03	KHA
100-41-4	Ethyl Benzene	ND		ug/kg dry	3.4	6.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/24/2021 06:47	05/24/2021 15:03	KHA
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	3.4	6.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/24/2021 06:47	05/24/2021 15:03	KHA
75-09-2	Methylene chloride	11	J	ug/kg dry	6.8	14	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/24/2021 06:47	05/24/2021 15:03	KHA
91-20-3	Naphthalene	ND		ug/kg dry	3.4	14	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/24/2021 06:47	05/24/2021 15:03	KHA
104-51-8	n-Butylbenzene	ND		ug/kg dry	3.4	6.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/24/2021 06:47	05/24/2021 15:03	KHA
103-65-1	n-Propylbenzene	ND		ug/kg dry	3.4	6.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/24/2021 06:47	05/24/2021 15:03	KHA
95-47-6	o-Xylene	ND		ug/kg dry	3.4	6.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/24/2021 06:47	05/24/2021 15:03	KHA



Sample Information

Client Sample ID: Grab 7 20210519

York Sample ID: 21E0875-07

York Project (SDG) No.

21E0875

Client Project ID

560909-Onekey

Matrix

Soil

Collection Date/Time

May 19, 2021 11:00 am

Date Received

05/20/2021

Volatile Organics, NYSDEC Part 375 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	6.8	14	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP	05/24/2021 06:47	05/24/2021 15:03	KHA
135-98-8	sec-Butylbenzene	ND		ug/kg dry	3.4	6.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/24/2021 06:47	05/24/2021 15:03	KHA
98-06-6	tert-Butylbenzene	ND		ug/kg dry	3.4	6.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/24/2021 06:47	05/24/2021 15:03	KHA
127-18-4	Tetrachloroethylene	ND		ug/kg dry	3.4	6.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/24/2021 06:47	05/24/2021 15:03	KHA
108-88-3	Toluene	ND		ug/kg dry	3.4	6.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/24/2021 06:47	05/24/2021 15:03	KHA
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	3.4	6.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/24/2021 06:47	05/24/2021 15:03	KHA
79-01-6	Trichloroethylene	ND		ug/kg dry	3.4	6.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/24/2021 06:47	05/24/2021 15:03	KHA
75-01-4	Vinyl Chloride	ND		ug/kg dry	3.4	6.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/24/2021 06:47	05/24/2021 15:03	KHA
1330-20-7	Xylenes, Total	ND		ug/kg dry	10	20	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP	05/24/2021 06:47	05/24/2021 15:03	KHA
Surrogate Recoveries		Result		Acceptance Range							
17060-07-0	Surrogate: SURR: 1,2-Dichloroethane-d4	95.8 %				77-125					
2037-26-5	Surrogate: SURR: Toluene-d8	104 %				85-120					
460-00-4	Surrogate: SURR: p-Bromofluorobenzene	94.8 %				76-130					

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	95.3		%	0.100	1	SM 2540G Certifications: CTDOH	05/21/2021 08:14	05/21/2021 12:32	SK

Sample Information

Client Sample ID: Grab 8 20210519

York Sample ID: 21E0875-08

York Project (SDG) No.

21E0875

Client Project ID

560909-Onekey

Matrix

Soil

Collection Date/Time

May 19, 2021 11:05 am

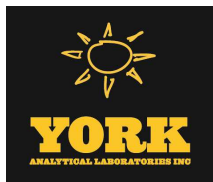
Date Received

05/20/2021

Volatile Organics, NYSDEC Part 375 List

Log-in Notes:

Sample Notes:



Sample Information

Client Sample ID: Grab 8 20210519

York Sample ID: 21E0875-08

York Project (SDG) No.

21E0875

Client Project ID

560909-Onekey

Matrix

Soil

Collection Date/Time

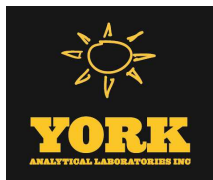
May 19, 2021 11:05 am

Date Received

05/20/2021

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	2.7	5.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/24/2021 06:47	05/24/2021 15:29	KHA
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	2.7	5.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/24/2021 06:47	05/24/2021 15:29	KHA
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	2.7	5.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/24/2021 06:47	05/24/2021 15:29	KHA
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	2.7	5.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/24/2021 06:47	05/24/2021 15:29	KHA
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	2.7	5.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/24/2021 06:47	05/24/2021 15:29	KHA
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	2.7	5.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/24/2021 06:47	05/24/2021 15:29	KHA
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	2.7	5.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/24/2021 06:47	05/24/2021 15:29	KHA
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	2.7	5.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/24/2021 06:47	05/24/2021 15:29	KHA
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	2.7	5.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/24/2021 06:47	05/24/2021 15:29	KHA
123-91-1	1,4-Dioxane	ND		ug/kg dry	53	110	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/24/2021 06:47	05/24/2021 15:29	KHA
78-93-3	2-Butanone	ND		ug/kg dry	2.7	5.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/24/2021 06:47	05/24/2021 15:29	KHA
67-64-1	Acetone	ND		ug/kg dry	5.3	11	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/24/2021 06:47	05/24/2021 15:29	KHA
71-43-2	Benzene	ND		ug/kg dry	2.7	5.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/24/2021 06:47	05/24/2021 15:29	KHA
56-23-5	Carbon tetrachloride	ND		ug/kg dry	2.7	5.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/24/2021 06:47	05/24/2021 15:29	KHA
108-90-7	Chlorobenzene	ND		ug/kg dry	2.7	5.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/24/2021 06:47	05/24/2021 15:29	KHA
67-66-3	Chloroform	ND		ug/kg dry	2.7	5.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/24/2021 06:47	05/24/2021 15:29	KHA
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	2.7	5.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/24/2021 06:47	05/24/2021 15:29	KHA
100-41-4	Ethyl Benzene	ND		ug/kg dry	2.7	5.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/24/2021 06:47	05/24/2021 15:29	KHA
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	2.7	5.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/24/2021 06:47	05/24/2021 15:29	KHA
75-09-2	Methylene chloride	9.8	J	ug/kg dry	5.3	11	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/24/2021 06:47	05/24/2021 15:29	KHA
91-20-3	Naphthalene	ND		ug/kg dry	2.7	11	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/24/2021 06:47	05/24/2021 15:29	KHA
104-51-8	n-Butylbenzene	ND		ug/kg dry	2.7	5.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/24/2021 06:47	05/24/2021 15:29	KHA
103-65-1	n-Propylbenzene	ND		ug/kg dry	2.7	5.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/24/2021 06:47	05/24/2021 15:29	KHA
95-47-6	o-Xylene	ND		ug/kg dry	2.7	5.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/24/2021 06:47	05/24/2021 15:29	KHA



Sample Information

Client Sample ID: Grab 8 20210519

York Sample ID: 21E0875-08

York Project (SDG) No.
21E0875

Client Project ID
560909-Onekey

Matrix
Soil

Collection Date/Time
May 19, 2021 11:05 am

Date Received
05/20/2021

Volatile Organics, NYSDEC Part 375 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	5.3	11	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP	05/24/2021 06:47	05/24/2021 15:29	KHA
135-98-8	sec-Butylbenzene	ND		ug/kg dry	2.7	5.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/24/2021 06:47	05/24/2021 15:29	KHA
98-06-6	tert-Butylbenzene	ND		ug/kg dry	2.7	5.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/24/2021 06:47	05/24/2021 15:29	KHA
127-18-4	Tetrachloroethylene	ND		ug/kg dry	2.7	5.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/24/2021 06:47	05/24/2021 15:29	KHA
108-88-3	Toluene	ND		ug/kg dry	2.7	5.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/24/2021 06:47	05/24/2021 15:29	KHA
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	2.7	5.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/24/2021 06:47	05/24/2021 15:29	KHA
79-01-6	Trichloroethylene	ND		ug/kg dry	2.7	5.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/24/2021 06:47	05/24/2021 15:29	KHA
75-01-4	Vinyl Chloride	ND		ug/kg dry	2.7	5.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/24/2021 06:47	05/24/2021 15:29	KHA
1330-20-7	Xylenes, Total	ND		ug/kg dry	8.0	16	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP	05/24/2021 06:47	05/24/2021 15:29	KHA
Surrogate Recoveries		Result		Acceptance Range							
17060-07-0	Surrogate: SURR: 1,2-Dichloroethane-d4	97.7 %				77-125					
2037-26-5	Surrogate: SURR: Toluene-d8	104 %				85-120					
460-00-4	Surrogate: SURR: p-Bromofluorobenzene	95.5 %				76-130					

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	95.7		%	0.100	1	SM 2540G Certifications: CTDOH	05/21/2021 08:14	05/21/2021 12:32	SK

Sample Information

Client Sample ID: Grab 9 20210519

York Sample ID: 21E0875-09

York Project (SDG) No.
21E0875

Client Project ID
560909-Onekey

Matrix
Soil

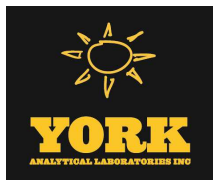
Collection Date/Time
May 19, 2021 11:10 am

Date Received
05/20/2021

Volatile Organics, NYSDEC Part 375 List

Log-in Notes:

Sample Notes:



Sample Information

Client Sample ID: Grab 9 20210519

York Sample ID: 21E0875-09

York Project (SDG) No.
21E0875

Client Project ID
560909-Onekey

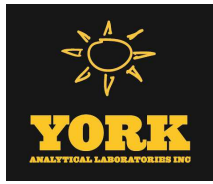
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Collection Date/Time
May 19, 2021 11:10 am

Date Received
05/20/2021

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/24/2021 06:47	05/24/2021 15:55	KHA
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/24/2021 06:47	05/24/2021 15:55	KHA
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/24/2021 06:47	05/24/2021 15:55	KHA
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/24/2021 06:47	05/24/2021 15:55	KHA
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/24/2021 06:47	05/24/2021 15:55	KHA
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/24/2021 06:47	05/24/2021 15:55	KHA
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/24/2021 06:47	05/24/2021 15:55	KHA
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/24/2021 06:47	05/24/2021 15:55	KHA
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/24/2021 06:47	05/24/2021 15:55	KHA
123-91-1	1,4-Dioxane	ND		ug/kg dry	56	110	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/24/2021 06:47	05/24/2021 15:55	KHA
78-93-3	2-Butanone	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/24/2021 06:47	05/24/2021 15:55	KHA
67-64-1	Acetone	ND		ug/kg dry	5.6	11	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/24/2021 06:47	05/24/2021 15:55	KHA
71-43-2	Benzene	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/24/2021 06:47	05/24/2021 15:55	KHA
56-23-5	Carbon tetrachloride	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/24/2021 06:47	05/24/2021 15:55	KHA
108-90-7	Chlorobenzene	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/24/2021 06:47	05/24/2021 15:55	KHA
67-66-3	Chloroform	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/24/2021 06:47	05/24/2021 15:55	KHA
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/24/2021 06:47	05/24/2021 15:55	KHA
100-41-4	Ethyl Benzene	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/24/2021 06:47	05/24/2021 15:55	KHA
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/24/2021 06:47	05/24/2021 15:55	KHA
75-09-2	Methylene chloride	12		ug/kg dry	5.6	11	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/24/2021 06:47	05/24/2021 15:55	KHA
91-20-3	Naphthalene	ND		ug/kg dry	2.8	11	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/24/2021 06:47	05/24/2021 15:55	KHA
104-51-8	n-Butylbenzene	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/24/2021 06:47	05/24/2021 15:55	KHA
103-65-1	n-Propylbenzene	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/24/2021 06:47	05/24/2021 15:55	KHA
95-47-6	o-Xylene	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/24/2021 06:47	05/24/2021 15:55	KHA



Sample Information

Client Sample ID: Grab 9 20210519

York Sample ID: 21E0875-09

York Project (SDG) No.

21E0875

Client Project ID

560909-Onekey

Matrix

Soil

Collection Date/Time

May 19, 2021 11:10 am

Date Received

05/20/2021

Volatile Organics, NYSDEC Part 375 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	5.6	11	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP	05/24/2021 06:47	05/24/2021 15:55	KHA
135-98-8	sec-Butylbenzene	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/24/2021 06:47	05/24/2021 15:55	KHA
98-06-6	tert-Butylbenzene	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/24/2021 06:47	05/24/2021 15:55	KHA
127-18-4	Tetrachloroethylene	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/24/2021 06:47	05/24/2021 15:55	KHA
108-88-3	Toluene	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/24/2021 06:47	05/24/2021 15:55	KHA
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/24/2021 06:47	05/24/2021 15:55	KHA
79-01-6	Trichloroethylene	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/24/2021 06:47	05/24/2021 15:55	KHA
75-01-4	Vinyl Chloride	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/24/2021 06:47	05/24/2021 15:55	KHA
1330-20-7	Xylenes, Total	ND		ug/kg dry	8.3	17	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP	05/24/2021 06:47	05/24/2021 15:55	KHA
Surrogate Recoveries		Result		Acceptance Range							
17060-07-0	Surrogate: SURR: 1,2-Dichloroethane-d4	97.6 %				77-125					
2037-26-5	Surrogate: SURR: Toluene-d8	104 %				85-120					
460-00-4	Surrogate: SURR: p-Bromofluorobenzene	94.8 %				76-130					

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	97.4		%	0.100	1	SM 2540G Certifications: CTDOH	05/21/2021 08:14	05/21/2021 12:32	SK

Sample Information

Client Sample ID: Grab 10 20210519

York Sample ID: 21E0875-10

York Project (SDG) No.

21E0875

Client Project ID

560909-Onekey

Matrix

Soil

Collection Date/Time

May 19, 2021 11:15 am

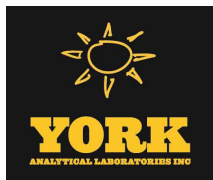
Date Received

05/20/2021

Volatile Organics, NYSDEC Part 375 List

Log-in Notes:

Sample Notes:



Sample Information

Client Sample ID: Grab 10 20210519

York Sample ID: 21E0875-10

York Project (SDG) No.
21E0875

Client Project ID
560909-Onekey

Matrix
Soil

Collection Date/Time
May 19, 2021 11:15 am

Date Received
05/20/2021

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/24/2021 06:47	05/24/2021 16:21	KHA
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/24/2021 06:47	05/24/2021 16:21	KHA
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/24/2021 06:47	05/24/2021 16:21	KHA
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/24/2021 06:47	05/24/2021 16:21	KHA
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/24/2021 06:47	05/24/2021 16:21	KHA
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/24/2021 06:47	05/24/2021 16:21	KHA
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/24/2021 06:47	05/24/2021 16:21	KHA
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/24/2021 06:47	05/24/2021 16:21	KHA
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/24/2021 06:47	05/24/2021 16:21	KHA
123-91-1	1,4-Dioxane	ND		ug/kg dry	48	95	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/24/2021 06:47	05/24/2021 16:21	KHA
78-93-3	2-Butanone	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/24/2021 06:47	05/24/2021 16:21	KHA
67-64-1	Acetone	ND		ug/kg dry	4.8	9.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/24/2021 06:47	05/24/2021 16:21	KHA
71-43-2	Benzene	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/24/2021 06:47	05/24/2021 16:21	KHA
56-23-5	Carbon tetrachloride	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/24/2021 06:47	05/24/2021 16:21	KHA
108-90-7	Chlorobenzene	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/24/2021 06:47	05/24/2021 16:21	KHA
67-66-3	Chloroform	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/24/2021 06:47	05/24/2021 16:21	KHA
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/24/2021 06:47	05/24/2021 16:21	KHA
100-41-4	Ethyl Benzene	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/24/2021 06:47	05/24/2021 16:21	KHA
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/24/2021 06:47	05/24/2021 16:21	KHA
75-09-2	Methylene chloride	6.7	J	ug/kg dry	4.8	9.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/24/2021 06:47	05/24/2021 16:21	KHA
91-20-3	Naphthalene	ND		ug/kg dry	2.4	9.5	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/24/2021 06:47	05/24/2021 16:21	KHA
104-51-8	n-Butylbenzene	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/24/2021 06:47	05/24/2021 16:21	KHA
103-65-1	n-Propylbenzene	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/24/2021 06:47	05/24/2021 16:21	KHA
95-47-6	o-Xylene	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/24/2021 06:47	05/24/2021 16:21	KHA



Sample Information

Client Sample ID: Grab 10 20210519

York Sample ID: 21E0875-10

York Project (SDG) No.
21E0875

Client Project ID
560909-Onekey

Matrix
Soil

Collection Date/Time
May 19, 2021 11:15 am

Date Received
05/20/2021

Volatile Organics, NYSDEC Part 375 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	4.8	9.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP	05/24/2021 06:47	05/24/2021 16:21	KHA
135-98-8	sec-Butylbenzene	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/24/2021 06:47	05/24/2021 16:21	KHA
98-06-6	tert-Butylbenzene	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/24/2021 06:47	05/24/2021 16:21	KHA
127-18-4	Tetrachloroethylene	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/24/2021 06:47	05/24/2021 16:21	KHA
108-88-3	Toluene	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/24/2021 06:47	05/24/2021 16:21	KHA
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/24/2021 06:47	05/24/2021 16:21	KHA
79-01-6	Trichloroethylene	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/24/2021 06:47	05/24/2021 16:21	KHA
75-01-4	Vinyl Chloride	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/24/2021 06:47	05/24/2021 16:21	KHA
1330-20-7	Xylenes, Total	ND		ug/kg dry	7.2	14	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP	05/24/2021 06:47	05/24/2021 16:21	KHA
Surrogate Recoveries		Result		Acceptance Range							
17060-07-0	Surrogate: SURR: 1,2-Dichloroethane-d4	97.3 %				77-125					
2037-26-5	Surrogate: SURR: Toluene-d8	103 %				85-120					
460-00-4	Surrogate: SURR: p-Bromofluorobenzene	95.3 %				76-130					

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	98.5		%	0.100	1	SM 2540G Certifications: CTDOH	05/21/2021 08:14	05/21/2021 12:32	SK

Sample Information

Client Sample ID: Grab 11 20210519

York Sample ID: 21E0875-11

York Project (SDG) No.
21E0875

Client Project ID
560909-Onekey

Matrix
Soil

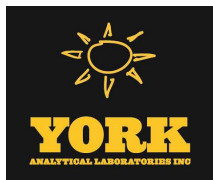
Collection Date/Time
May 19, 2021 11:20 am

Date Received
05/20/2021

Volatile Organics, NYSDEC Part 375 List

Log-in Notes:

Sample Notes:



Sample Information

Client Sample ID: Grab 11 20210519

York Sample ID: 21E0875-11

York Project (SDG) No.
21E0875

Client Project ID
560909-Onekey

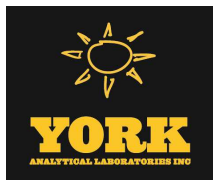
Matrix
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Collection Date/Time
May 19, 2021 11:20 am

Date Received
05/20/2021

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/24/2021 06:47	05/24/2021 16:47	KHA
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/24/2021 06:47	05/24/2021 16:47	KHA
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/24/2021 06:47	05/24/2021 16:47	KHA
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/24/2021 06:47	05/24/2021 16:47	KHA
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/24/2021 06:47	05/24/2021 16:47	KHA
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/24/2021 06:47	05/24/2021 16:47	KHA
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/24/2021 06:47	05/24/2021 16:47	KHA
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/24/2021 06:47	05/24/2021 16:47	KHA
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/24/2021 06:47	05/24/2021 16:47	KHA
123-91-1	1,4-Dioxane	ND		ug/kg dry	56	110	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/24/2021 06:47	05/24/2021 16:47	KHA
78-93-3	2-Butanone	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/24/2021 06:47	05/24/2021 16:47	KHA
67-64-1	Acetone	ND		ug/kg dry	5.6	11	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/24/2021 06:47	05/24/2021 16:47	KHA
71-43-2	Benzene	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/24/2021 06:47	05/24/2021 16:47	KHA
56-23-5	Carbon tetrachloride	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/24/2021 06:47	05/24/2021 16:47	KHA
108-90-7	Chlorobenzene	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/24/2021 06:47	05/24/2021 16:47	KHA
67-66-3	Chloroform	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/24/2021 06:47	05/24/2021 16:47	KHA
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/24/2021 06:47	05/24/2021 16:47	KHA
100-41-4	Ethyl Benzene	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/24/2021 06:47	05/24/2021 16:47	KHA
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/24/2021 06:47	05/24/2021 16:47	KHA
75-09-2	Methylene chloride	ND		ug/kg dry	5.6	11	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/24/2021 06:47	05/24/2021 16:47	KHA
91-20-3	Naphthalene	ND		ug/kg dry	2.8	11	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/24/2021 06:47	05/24/2021 16:47	KHA
104-51-8	n-Butylbenzene	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/24/2021 06:47	05/24/2021 16:47	KHA
103-65-1	n-Propylbenzene	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/24/2021 06:47	05/24/2021 16:47	KHA
95-47-6	o-Xylene	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/24/2021 06:47	05/24/2021 16:47	KHA



Sample Information

Client Sample ID: Grab 11 20210519

York Sample ID: 21E0875-11

York Project (SDG) No.
21E0875

Client Project ID
560909-Onekey

Matrix
Soil

Collection Date/Time
May 19, 2021 11:20 am

Date Received
05/20/2021

Volatile Organics, NYSDEC Part 375 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	5.6	11	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP	05/24/2021 06:47	05/24/2021 16:47	KHA
135-98-8	sec-Butylbenzene	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/24/2021 06:47	05/24/2021 16:47	KHA
98-06-6	tert-Butylbenzene	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/24/2021 06:47	05/24/2021 16:47	KHA
127-18-4	Tetrachloroethylene	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/24/2021 06:47	05/24/2021 16:47	KHA
108-88-3	Toluene	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/24/2021 06:47	05/24/2021 16:47	KHA
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/24/2021 06:47	05/24/2021 16:47	KHA
79-01-6	Trichloroethylene	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/24/2021 06:47	05/24/2021 16:47	KHA
75-01-4	Vinyl Chloride	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/24/2021 06:47	05/24/2021 16:47	KHA
1330-20-7	Xylenes, Total	ND		ug/kg dry	8.3	17	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP	05/24/2021 06:47	05/24/2021 16:47	KHA
Surrogate Recoveries		Result		Acceptance Range							
17060-07-0	Surrogate: SURR: 1,2-Dichloroethane-d4	101 %				77-125					
2037-26-5	Surrogate: SURR: Toluene-d8	104 %				85-120					
460-00-4	Surrogate: SURR: p-Bromofluorobenzene	93.5 %				76-130					

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	96.6		%	0.100	1	SM 2540G Certifications: CTDOH	05/21/2021 08:14	05/21/2021 12:32	SK

Sample Information

Client Sample ID: Grab 12 20210519

York Sample ID: 21E0875-12

York Project (SDG) No.
21E0875

Client Project ID
560909-Onekey

Matrix
Soil

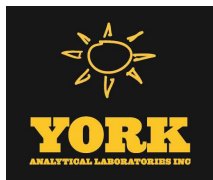
Collection Date/Time
May 19, 2021 11:25 am

Date Received
05/20/2021

Volatile Organics, NYSDEC Part 375 List

Log-in Notes:

Sample Notes:



Sample Information

Client Sample ID: Grab 12 20210519

York Sample ID: 21E0875-12

York Project (SDG) No.
21E0875

Client Project ID
560909-Onekey

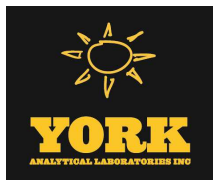
Matrix
Soil

Collection Date/Time
May 19, 2021 11:25 am

Date Received
05/20/2021

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/24/2021 06:47	05/24/2021 17:13	KHA
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/24/2021 06:47	05/24/2021 17:13	KHA
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/24/2021 06:47	05/24/2021 17:13	KHA
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/24/2021 06:47	05/24/2021 17:13	KHA
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/24/2021 06:47	05/24/2021 17:13	KHA
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/24/2021 06:47	05/24/2021 17:13	KHA
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/24/2021 06:47	05/24/2021 17:13	KHA
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/24/2021 06:47	05/24/2021 17:13	KHA
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/24/2021 06:47	05/24/2021 17:13	KHA
123-91-1	1,4-Dioxane	ND		ug/kg dry	48	96	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/24/2021 06:47	05/24/2021 17:13	KHA
78-93-3	2-Butanone	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/24/2021 06:47	05/24/2021 17:13	KHA
67-64-1	Acetone	ND		ug/kg dry	4.8	9.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/24/2021 06:47	05/24/2021 17:13	KHA
71-43-2	Benzene	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/24/2021 06:47	05/24/2021 17:13	KHA
56-23-5	Carbon tetrachloride	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/24/2021 06:47	05/24/2021 17:13	KHA
108-90-7	Chlorobenzene	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/24/2021 06:47	05/24/2021 17:13	KHA
67-66-3	Chloroform	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/24/2021 06:47	05/24/2021 17:13	KHA
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/24/2021 06:47	05/24/2021 17:13	KHA
100-41-4	Ethyl Benzene	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/24/2021 06:47	05/24/2021 17:13	KHA
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/24/2021 06:47	05/24/2021 17:13	KHA
75-09-2	Methylene chloride	9.6		ug/kg dry	4.8	9.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/24/2021 06:47	05/24/2021 17:13	KHA
91-20-3	Naphthalene	ND		ug/kg dry	2.4	9.6	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/24/2021 06:47	05/24/2021 17:13	KHA
104-51-8	n-Butylbenzene	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/24/2021 06:47	05/24/2021 17:13	KHA
103-65-1	n-Propylbenzene	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/24/2021 06:47	05/24/2021 17:13	KHA
95-47-6	o-Xylene	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/24/2021 06:47	05/24/2021 17:13	KHA



Sample Information

Client Sample ID: Grab 12 20210519

York Sample ID: 21E0875-12

York Project (SDG) No.
21E0875

Client Project ID
560909-Onekey

Matrix
Soil

Collection Date/Time
May 19, 2021 11:25 am

Date Received
05/20/2021

Volatile Organics, NYSDEC Part 375 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	4.8	9.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP	05/24/2021 06:47	05/24/2021 17:13	KHA
135-98-8	sec-Butylbenzene	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/24/2021 06:47	05/24/2021 17:13	KHA
98-06-6	tert-Butylbenzene	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/24/2021 06:47	05/24/2021 17:13	KHA
127-18-4	Tetrachloroethylene	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/24/2021 06:47	05/24/2021 17:13	KHA
108-88-3	Toluene	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/24/2021 06:47	05/24/2021 17:13	KHA
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/24/2021 06:47	05/24/2021 17:13	KHA
79-01-6	Trichloroethylene	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/24/2021 06:47	05/24/2021 17:13	KHA
75-01-4	Vinyl Chloride	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/24/2021 06:47	05/24/2021 17:13	KHA
1330-20-7	Xylenes, Total	ND		ug/kg dry	7.2	14	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP	05/24/2021 06:47	05/24/2021 17:13	KHA
Surrogate Recoveries		Result		Acceptance Range							
17060-07-0	Surrogate: SURR: 1,2-Dichloroethane-d4	97.5 %				77-125					
2037-26-5	Surrogate: SURR: Toluene-d8	103 %				85-120					
460-00-4	Surrogate: SURR: p-Bromofluorobenzene	96.5 %				76-130					

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	96.7		%	0.100	1	SM 2540G Certifications: CTDOH	05/21/2021 08:14	05/21/2021 12:32	SK

Sample Information

Client Sample ID: Grab 13 20210519

York Sample ID: 21E0875-13

York Project (SDG) No.
21E0875

Client Project ID
560909-Onekey

Matrix
Soil

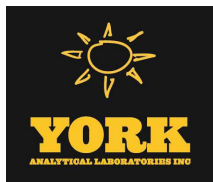
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May 19, 2021 11:30 am

Date Received
05/20/2021

Volatile Organics, NYSDEC Part 375 List

Log-in Notes:

Sample Notes:



Sample Information

Client Sample ID: Grab 13 20210519

York Sample ID: 21E0875-13

York Project (SDG) No.

21E0875

Client Project ID

560909-Onekey

Matrix

Soil

Collection Date/Time

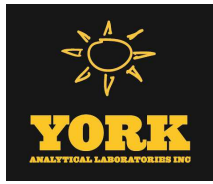
May 19, 2021 11:30 am

Date Received

05/20/2021

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/24/2021 06:47	05/24/2021 17:39	KHA
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/24/2021 06:47	05/24/2021 17:39	KHA
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/24/2021 06:47	05/24/2021 17:39	KHA
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/24/2021 06:47	05/24/2021 17:39	KHA
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/24/2021 06:47	05/24/2021 17:39	KHA
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/24/2021 06:47	05/24/2021 17:39	KHA
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/24/2021 06:47	05/24/2021 17:39	KHA
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/24/2021 06:47	05/24/2021 17:39	KHA
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/24/2021 06:47	05/24/2021 17:39	KHA
123-91-1	1,4-Dioxane	ND		ug/kg dry	56	110	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/24/2021 06:47	05/24/2021 17:39	KHA
78-93-3	2-Butanone	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/24/2021 06:47	05/24/2021 17:39	KHA
67-64-1	Acetone	ND		ug/kg dry	5.6	11	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/24/2021 06:47	05/24/2021 17:39	KHA
71-43-2	Benzene	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/24/2021 06:47	05/24/2021 17:39	KHA
56-23-5	Carbon tetrachloride	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/24/2021 06:47	05/24/2021 17:39	KHA
108-90-7	Chlorobenzene	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/24/2021 06:47	05/24/2021 17:39	KHA
67-66-3	Chloroform	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/24/2021 06:47	05/24/2021 17:39	KHA
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/24/2021 06:47	05/24/2021 17:39	KHA
100-41-4	Ethyl Benzene	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/24/2021 06:47	05/24/2021 17:39	KHA
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/24/2021 06:47	05/24/2021 17:39	KHA
75-09-2	Methylene chloride	9.2	J	ug/kg dry	5.6	11	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/24/2021 06:47	05/24/2021 17:39	KHA
91-20-3	Naphthalene	ND		ug/kg dry	2.8	11	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/24/2021 06:47	05/24/2021 17:39	KHA
104-51-8	n-Butylbenzene	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/24/2021 06:47	05/24/2021 17:39	KHA
103-65-1	n-Propylbenzene	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/24/2021 06:47	05/24/2021 17:39	KHA
95-47-6	o-Xylene	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/24/2021 06:47	05/24/2021 17:39	KHA



Sample Information

Client Sample ID: Grab 13 20210519

York Sample ID: 21E0875-13

York Project (SDG) No.

21E0875

Client Project ID

560909-Onekey

Matrix

Soil

Collection Date/Time

May 19, 2021 11:30 am

Date Received

05/20/2021

Volatile Organics, NYSDEC Part 375 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	5.6	11	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP	05/24/2021 06:47	05/24/2021 17:39	KHA
135-98-8	sec-Butylbenzene	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/24/2021 06:47	05/24/2021 17:39	KHA
98-06-6	tert-Butylbenzene	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/24/2021 06:47	05/24/2021 17:39	KHA
127-18-4	Tetrachloroethylene	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/24/2021 06:47	05/24/2021 17:39	KHA
108-88-3	Toluene	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/24/2021 06:47	05/24/2021 17:39	KHA
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/24/2021 06:47	05/24/2021 17:39	KHA
79-01-6	Trichloroethylene	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/24/2021 06:47	05/24/2021 17:39	KHA
75-01-4	Vinyl Chloride	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/24/2021 06:47	05/24/2021 17:39	KHA
1330-20-7	Xylenes, Total	ND		ug/kg dry	8.4	17	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP	05/24/2021 06:47	05/24/2021 17:39	KHA
Surrogate Recoveries		Result		Acceptance Range							
17060-07-0	Surrogate: SURR: 1,2-Dichloroethane-d4	98.3 %				77-125					
2037-26-5	Surrogate: SURR: Toluene-d8	100 %				85-120					
460-00-4	Surrogate: SURR: p-Bromofluorobenzene	94.1 %				76-130					

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	95.0		%	0.100	1	SM 2540G Certifications: CTDOH	05/21/2021 08:14	05/21/2021 12:32	SK

Sample Information

Client Sample ID: Grab 14 20210519

York Sample ID: 21E0875-14

York Project (SDG) No.

21E0875

Client Project ID

560909-Onekey

Matrix

Soil

Collection Date/Time

May 19, 2021 11:35 am

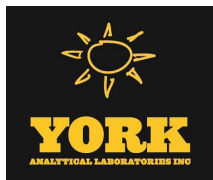
Date Received

05/20/2021

Volatile Organics, NYSDEC Part 375 List

Log-in Notes:

Sample Notes:



Sample Information

Client Sample ID: Grab 14 20210519

York Sample ID: 21E0875-14

York Project (SDG) No.
21E0875

Client Project ID
560909-Onekey

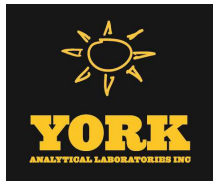
Matrix
Soil

Collection Date/Time
May 19, 2021 11:35 am

Date Received
05/20/2021

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/24/2021 06:47	05/24/2021 18:05	KHA
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/24/2021 06:47	05/24/2021 18:05	KHA
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/24/2021 06:47	05/24/2021 18:05	KHA
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/24/2021 06:47	05/24/2021 18:05	KHA
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/24/2021 06:47	05/24/2021 18:05	KHA
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/24/2021 06:47	05/24/2021 18:05	KHA
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/24/2021 06:47	05/24/2021 18:05	KHA
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/24/2021 06:47	05/24/2021 18:05	KHA
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/24/2021 06:47	05/24/2021 18:05	KHA
123-91-1	1,4-Dioxane	ND		ug/kg dry	50	100	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/24/2021 06:47	05/24/2021 18:05	KHA
78-93-3	2-Butanone	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/24/2021 06:47	05/24/2021 18:05	KHA
67-64-1	Acetone	ND		ug/kg dry	5.0	10	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/24/2021 06:47	05/24/2021 18:05	KHA
71-43-2	Benzene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/24/2021 06:47	05/24/2021 18:05	KHA
56-23-5	Carbon tetrachloride	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/24/2021 06:47	05/24/2021 18:05	KHA
108-90-7	Chlorobenzene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/24/2021 06:47	05/24/2021 18:05	KHA
67-66-3	Chloroform	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/24/2021 06:47	05/24/2021 18:05	KHA
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/24/2021 06:47	05/24/2021 18:05	KHA
100-41-4	Ethyl Benzene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/24/2021 06:47	05/24/2021 18:05	KHA
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/24/2021 06:47	05/24/2021 18:05	KHA
75-09-2	Methylene chloride	8.0	J	ug/kg dry	5.0	10	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/24/2021 06:47	05/24/2021 18:05	KHA
91-20-3	Naphthalene	ND		ug/kg dry	2.5	10	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/24/2021 06:47	05/24/2021 18:05	KHA
104-51-8	n-Butylbenzene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/24/2021 06:47	05/24/2021 18:05	KHA
103-65-1	n-Propylbenzene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/24/2021 06:47	05/24/2021 18:05	KHA
95-47-6	o-Xylene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/24/2021 06:47	05/24/2021 18:05	KHA



Sample Information

Client Sample ID: Grab 14 20210519

York Sample ID: 21E0875-14

York Project (SDG) No.

21E0875

Client Project ID

560909-Onekey

Matrix

Soil

Collection Date/Time

May 19, 2021 11:35 am

Date Received

05/20/2021

Volatile Organics, NYSDEC Part 375 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	5.0	10	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP	05/24/2021 06:47	05/24/2021 18:05	KHA
135-98-8	sec-Butylbenzene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/24/2021 06:47	05/24/2021 18:05	KHA
98-06-6	tert-Butylbenzene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/24/2021 06:47	05/24/2021 18:05	KHA
127-18-4	Tetrachloroethylene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/24/2021 06:47	05/24/2021 18:05	KHA
108-88-3	Toluene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/24/2021 06:47	05/24/2021 18:05	KHA
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/24/2021 06:47	05/24/2021 18:05	KHA
79-01-6	Trichloroethylene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/24/2021 06:47	05/24/2021 18:05	KHA
75-01-4	Vinyl Chloride	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/24/2021 06:47	05/24/2021 18:05	KHA
1330-20-7	Xylenes, Total	ND		ug/kg dry	7.5	15	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP	05/24/2021 06:47	05/24/2021 18:05	KHA
Surrogate Recoveries		Result		Acceptance Range							
17060-07-0	Surrogate: SURR: 1,2-Dichloroethane-d4	97.6 %				77-125					
2037-26-5	Surrogate: SURR: Toluene-d8	103 %				85-120					
460-00-4	Surrogate: SURR: p-Bromofluorobenzene	94.0 %				76-130					

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	98.3		%	0.100	1	SM 2540G Certifications: CTDOH	05/21/2021 08:14	05/21/2021 12:32	SK

Sample Information

Client Sample ID: Grab 15 20210519

York Sample ID: 21E0875-15

York Project (SDG) No.

21E0875

Client Project ID

560909-Onekey

Matrix

Soil

Collection Date/Time

May 19, 2021 11:40 am

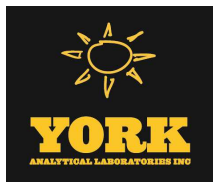
Date Received

05/20/2021

Volatile Organics, NYSDEC Part 375 List

Log-in Notes:

Sample Notes:



Sample Information

Client Sample ID: Grab 15 20210519

York Sample ID: 21E0875-15

York Project (SDG) No.

21E0875

Client Project ID

560909-Onekey

Matrix

Soil

Collection Date/Time

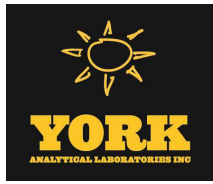
May 19, 2021 11:40 am

Date Received

05/20/2021

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	2.6	5.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/24/2021 06:47	05/24/2021 18:31	KHA
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	2.6	5.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/24/2021 06:47	05/24/2021 18:31	KHA
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	2.6	5.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/24/2021 06:47	05/24/2021 18:31	KHA
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	2.6	5.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/24/2021 06:47	05/24/2021 18:31	KHA
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	2.6	5.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/24/2021 06:47	05/24/2021 18:31	KHA
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	2.6	5.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/24/2021 06:47	05/24/2021 18:31	KHA
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	2.6	5.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/24/2021 06:47	05/24/2021 18:31	KHA
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	2.6	5.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/24/2021 06:47	05/24/2021 18:31	KHA
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	2.6	5.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/24/2021 06:47	05/24/2021 18:31	KHA
123-91-1	1,4-Dioxane	ND		ug/kg dry	53	110	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/24/2021 06:47	05/24/2021 18:31	KHA
78-93-3	2-Butanone	ND		ug/kg dry	2.6	5.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/24/2021 06:47	05/24/2021 18:31	KHA
67-64-1	Acetone	ND		ug/kg dry	5.3	11	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/24/2021 06:47	05/24/2021 18:31	KHA
71-43-2	Benzene	ND		ug/kg dry	2.6	5.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/24/2021 06:47	05/24/2021 18:31	KHA
56-23-5	Carbon tetrachloride	ND		ug/kg dry	2.6	5.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/24/2021 06:47	05/24/2021 18:31	KHA
108-90-7	Chlorobenzene	ND		ug/kg dry	2.6	5.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/24/2021 06:47	05/24/2021 18:31	KHA
67-66-3	Chloroform	ND		ug/kg dry	2.6	5.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/24/2021 06:47	05/24/2021 18:31	KHA
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	2.6	5.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/24/2021 06:47	05/24/2021 18:31	KHA
100-41-4	Ethyl Benzene	ND		ug/kg dry	2.6	5.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/24/2021 06:47	05/24/2021 18:31	KHA
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	2.6	5.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/24/2021 06:47	05/24/2021 18:31	KHA
75-09-2	Methylene chloride	9.7	J	ug/kg dry	5.3	11	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/24/2021 06:47	05/24/2021 18:31	KHA
91-20-3	Naphthalene	ND		ug/kg dry	2.6	11	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/24/2021 06:47	05/24/2021 18:31	KHA
104-51-8	n-Butylbenzene	ND		ug/kg dry	2.6	5.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/24/2021 06:47	05/24/2021 18:31	KHA
103-65-1	n-Propylbenzene	ND		ug/kg dry	2.6	5.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/24/2021 06:47	05/24/2021 18:31	KHA
95-47-6	o-Xylene	ND		ug/kg dry	2.6	5.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/24/2021 06:47	05/24/2021 18:31	KHA



Sample Information

Client Sample ID: Grab 15 20210519

York Sample ID: 21E0875-15

York Project (SDG) No.

21E0875

Client Project ID

560909-Onekey

Matrix

Soil

Collection Date/Time

May 19, 2021 11:40 am

Date Received

05/20/2021

Volatile Organics, NYSDEC Part 375 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	5.3	11	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP	05/24/2021 06:47	05/24/2021 18:31	KHA
135-98-8	sec-Butylbenzene	ND		ug/kg dry	2.6	5.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/24/2021 06:47	05/24/2021 18:31	KHA
98-06-6	tert-Butylbenzene	ND		ug/kg dry	2.6	5.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/24/2021 06:47	05/24/2021 18:31	KHA
127-18-4	Tetrachloroethylene	ND		ug/kg dry	2.6	5.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/24/2021 06:47	05/24/2021 18:31	KHA
108-88-3	Toluene	ND		ug/kg dry	2.6	5.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/24/2021 06:47	05/24/2021 18:31	KHA
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	2.6	5.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/24/2021 06:47	05/24/2021 18:31	KHA
79-01-6	Trichloroethylene	ND		ug/kg dry	2.6	5.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/24/2021 06:47	05/24/2021 18:31	KHA
75-01-4	Vinyl Chloride	ND		ug/kg dry	2.6	5.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/24/2021 06:47	05/24/2021 18:31	KHA
1330-20-7	Xylenes, Total	ND		ug/kg dry	7.9	16	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP	05/24/2021 06:47	05/24/2021 18:31	KHA
Surrogate Recoveries		Result		Acceptance Range							
17060-07-0	Surrogate: SURR: 1,2-Dichloroethane-d4	96.8 %				77-125					
2037-26-5	Surrogate: SURR: Toluene-d8	103 %				85-120					
460-00-4	Surrogate: SURR: p-Bromofluorobenzene	94.3 %				76-130					

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	96.8		%	0.100	1	SM 2540G Certifications: CTDOH	05/21/2021 08:14	05/21/2021 12:32	SK

Sample Information

Client Sample ID: Grab 16 20210519

York Sample ID: 21E0875-16

York Project (SDG) No.

21E0875

Client Project ID

560909-Onekey

Matrix

Soil

Collection Date/Time

May 19, 2021 11:45 am

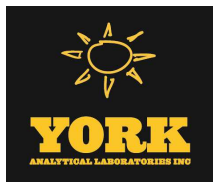
Date Received

05/20/2021

Volatile Organics, NYSDEC Part 375 List

Log-in Notes:

Sample Notes:



Sample Information

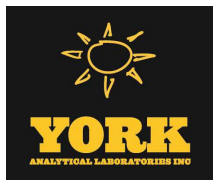
Client Sample ID: Grab 16 20210519

York Sample ID: 21E0875-16

<u>York Project (SDG) No.</u> 21E0875	<u>Client Project ID</u> 560909-Onekey	<u>Matrix</u> Soil	<u>Collection Date/Time</u> May 19, 2021 11:45 am	<u>Date Received</u> 05/20/2021
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Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/24/2021 06:47	05/24/2021 18:57	KHA
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/24/2021 06:47	05/24/2021 18:57	KHA
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/24/2021 06:47	05/24/2021 18:57	KHA
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/24/2021 06:47	05/24/2021 18:57	KHA
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/24/2021 06:47	05/24/2021 18:57	KHA
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/24/2021 06:47	05/24/2021 18:57	KHA
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/24/2021 06:47	05/24/2021 18:57	KHA
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/24/2021 06:47	05/24/2021 18:57	KHA
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/24/2021 06:47	05/24/2021 18:57	KHA
123-91-1	1,4-Dioxane	ND		ug/kg dry	50	100	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/24/2021 06:47	05/24/2021 18:57	KHA
78-93-3	2-Butanone	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/24/2021 06:47	05/24/2021 18:57	KHA
67-64-1	Acetone	ND		ug/kg dry	5.0	10	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/24/2021 06:47	05/24/2021 18:57	KHA
71-43-2	Benzene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/24/2021 06:47	05/24/2021 18:57	KHA
56-23-5	Carbon tetrachloride	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/24/2021 06:47	05/24/2021 18:57	KHA
108-90-7	Chlorobenzene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/24/2021 06:47	05/24/2021 18:57	KHA
67-66-3	Chloroform	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/24/2021 06:47	05/24/2021 18:57	KHA
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/24/2021 06:47	05/24/2021 18:57	KHA
100-41-4	Ethyl Benzene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/24/2021 06:47	05/24/2021 18:57	KHA
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/24/2021 06:47	05/24/2021 18:57	KHA
75-09-2	Methylene chloride	8.5	J	ug/kg dry	5.0	10	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/24/2021 06:47	05/24/2021 18:57	KHA
91-20-3	Naphthalene	ND		ug/kg dry	2.5	10	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/24/2021 06:47	05/24/2021 18:57	KHA
104-51-8	n-Butylbenzene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/24/2021 06:47	05/24/2021 18:57	KHA
103-65-1	n-Propylbenzene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/24/2021 06:47	05/24/2021 18:57	KHA
95-47-6	o-Xylene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/24/2021 06:47	05/24/2021 18:57	KHA



Sample Information

Client Sample ID: Grab 16 20210519

York Sample ID: 21E0875-16

York Project (SDG) No.
21E0875

Client Project ID
560909-Onekey

Matrix
Soil

Collection Date/Time
May 19, 2021 11:45 am

Date Received
05/20/2021

Volatile Organics, NYSDEC Part 375 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	5.0	10	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP	05/24/2021 06:47	05/24/2021 18:57	KHA
135-98-8	sec-Butylbenzene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/24/2021 06:47	05/24/2021 18:57	KHA
98-06-6	tert-Butylbenzene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/24/2021 06:47	05/24/2021 18:57	KHA
127-18-4	Tetrachloroethylene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/24/2021 06:47	05/24/2021 18:57	KHA
108-88-3	Toluene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/24/2021 06:47	05/24/2021 18:57	KHA
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/24/2021 06:47	05/24/2021 18:57	KHA
79-01-6	Trichloroethylene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/24/2021 06:47	05/24/2021 18:57	KHA
75-01-4	Vinyl Chloride	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/24/2021 06:47	05/24/2021 18:57	KHA
1330-20-7	Xylenes, Total	ND		ug/kg dry	7.5	15	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP	05/24/2021 06:47	05/24/2021 18:57	KHA
Surrogate Recoveries		Result		Acceptance Range							
17060-07-0	Surrogate: SURR: 1,2-Dichloroethane-d4	94.2 %				77-125					
2037-26-5	Surrogate: SURR: Toluene-d8	104 %				85-120					
460-00-4	Surrogate: SURR: p-Bromofluorobenzene	94.0 %				76-130					

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	99.1		%	0.100	1	SM 2540G Certifications: CTDOH	05/21/2021 08:14	05/21/2021 12:32	SK

Sample Information

Client Sample ID: Grab 17 20210519

York Sample ID: 21E0875-17

York Project (SDG) No.
21E0875

Client Project ID
560909-Onekey

Matrix
Soil

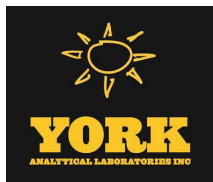
Collection Date/Time
May 19, 2021 11:50 am

Date Received
05/20/2021

Volatile Organics, NYSDEC Part 375 List

Log-in Notes:

Sample Notes:



Sample Information

Client Sample ID: Grab 17 20210519

York Sample ID: 21E0875-17

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

21E0875

560909-Onekey

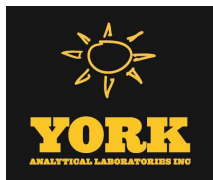
Soil

May 19, 2021 11:50 am

05/20/2021

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	3.0	6.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/24/2021 06:47	05/24/2021 19:23	KHA
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	3.0	6.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/24/2021 06:47	05/24/2021 19:23	KHA
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	3.0	6.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/24/2021 06:47	05/24/2021 19:23	KHA
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	3.0	6.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/24/2021 06:47	05/24/2021 19:23	KHA
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	3.0	6.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/24/2021 06:47	05/24/2021 19:23	KHA
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	3.0	6.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/24/2021 06:47	05/24/2021 19:23	KHA
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	3.0	6.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/24/2021 06:47	05/24/2021 19:23	KHA
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	3.0	6.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/24/2021 06:47	05/24/2021 19:23	KHA
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	3.0	6.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/24/2021 06:47	05/24/2021 19:23	KHA
123-91-1	1,4-Dioxane	ND		ug/kg dry	60	120	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/24/2021 06:47	05/24/2021 19:23	KHA
78-93-3	2-Butanone	ND		ug/kg dry	3.0	6.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/24/2021 06:47	05/24/2021 19:23	KHA
67-64-1	Acetone	ND		ug/kg dry	6.0	12	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/24/2021 06:47	05/24/2021 19:23	KHA
71-43-2	Benzene	ND		ug/kg dry	3.0	6.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/24/2021 06:47	05/24/2021 19:23	KHA
56-23-5	Carbon tetrachloride	ND		ug/kg dry	3.0	6.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/24/2021 06:47	05/24/2021 19:23	KHA
108-90-7	Chlorobenzene	ND		ug/kg dry	3.0	6.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/24/2021 06:47	05/24/2021 19:23	KHA
67-66-3	Chloroform	ND		ug/kg dry	3.0	6.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/24/2021 06:47	05/24/2021 19:23	KHA
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	3.0	6.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/24/2021 06:47	05/24/2021 19:23	KHA
100-41-4	Ethyl Benzene	ND		ug/kg dry	3.0	6.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/24/2021 06:47	05/24/2021 19:23	KHA
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	3.0	6.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/24/2021 06:47	05/24/2021 19:23	KHA
75-09-2	Methylene chloride	11	J	ug/kg dry	6.0	12	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/24/2021 06:47	05/24/2021 19:23	KHA
91-20-3	Naphthalene	ND		ug/kg dry	3.0	12	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/24/2021 06:47	05/24/2021 19:23	KHA
104-51-8	n-Butylbenzene	ND		ug/kg dry	3.0	6.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/24/2021 06:47	05/24/2021 19:23	KHA
103-65-1	n-Propylbenzene	ND		ug/kg dry	3.0	6.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/24/2021 06:47	05/24/2021 19:23	KHA
95-47-6	o-Xylene	ND		ug/kg dry	3.0	6.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/24/2021 06:47	05/24/2021 19:23	KHA



Sample Information

Client Sample ID: Grab 17 20210519

York Sample ID: 21E0875-17

York Project (SDG) No.
21E0875

Client Project ID
560909-Onekey

Matrix
Soil

Collection Date/Time
May 19, 2021 11:50 am

Date Received
05/20/2021

Volatile Organics, NYSDEC Part 375 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	6.0	12	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP	05/24/2021 06:47	05/24/2021 19:23	KHA
135-98-8	sec-Butylbenzene	ND		ug/kg dry	3.0	6.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/24/2021 06:47	05/24/2021 19:23	KHA
98-06-6	tert-Butylbenzene	ND		ug/kg dry	3.0	6.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/24/2021 06:47	05/24/2021 19:23	KHA
127-18-4	Tetrachloroethylene	ND		ug/kg dry	3.0	6.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/24/2021 06:47	05/24/2021 19:23	KHA
108-88-3	Toluene	ND		ug/kg dry	3.0	6.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/24/2021 06:47	05/24/2021 19:23	KHA
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	3.0	6.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/24/2021 06:47	05/24/2021 19:23	KHA
79-01-6	Trichloroethylene	ND		ug/kg dry	3.0	6.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/24/2021 06:47	05/24/2021 19:23	KHA
75-01-4	Vinyl Chloride	ND		ug/kg dry	3.0	6.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/24/2021 06:47	05/24/2021 19:23	KHA
1330-20-7	Xylenes, Total	ND		ug/kg dry	9.0	18	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP	05/24/2021 06:47	05/24/2021 19:23	KHA
Surrogate Recoveries		Result		Acceptance Range							
17060-07-0	Surrogate: SURR: 1,2-Dichloroethane-d4	96.7 %				77-125					
2037-26-5	Surrogate: SURR: Toluene-d8	103 %				85-120					
460-00-4	Surrogate: SURR: p-Bromofluorobenzene	95.3 %				76-130					

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	96.4		%	0.100	1	SM 2540G Certifications: CTDOH	05/21/2021 08:14	05/21/2021 12:32	SK

Sample Information

Client Sample ID: Grab 18 20210519

York Sample ID: 21E0875-18

York Project (SDG) No.
21E0875

Client Project ID
560909-Onekey

Matrix
Soil

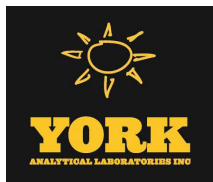
Collection Date/Time
May 19, 2021 11:55 am

Date Received
05/20/2021

Volatile Organics, NYSDEC Part 375 List

Log-in Notes:

Sample Notes:



Sample Information

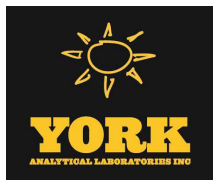
Client Sample ID: Grab 18 20210519

York Sample ID: 21E0875-18

<u>York Project (SDG) No.</u> 21E0875	<u>Client Project ID</u> 560909-Onekey	<u>Matrix</u> Soil	<u>Collection Date/Time</u> May 19, 2021 11:55 am	<u>Date Received</u> 05/20/2021
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Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	2.8	5.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/24/2021 06:47	05/24/2021 19:49	KHA
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	2.8	5.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/24/2021 06:47	05/24/2021 19:49	KHA
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	2.8	5.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/24/2021 06:47	05/24/2021 19:49	KHA
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	2.8	5.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/24/2021 06:47	05/24/2021 19:49	KHA
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	2.8	5.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/24/2021 06:47	05/24/2021 19:49	KHA
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	2.8	5.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/24/2021 06:47	05/24/2021 19:49	KHA
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	2.8	5.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/24/2021 06:47	05/24/2021 19:49	KHA
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	2.8	5.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/24/2021 06:47	05/24/2021 19:49	KHA
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	2.8	5.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/24/2021 06:47	05/24/2021 19:49	KHA
123-91-1	1,4-Dioxane	ND		ug/kg dry	57	110	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/24/2021 06:47	05/24/2021 19:49	KHA
78-93-3	2-Butanone	ND		ug/kg dry	2.8	5.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/24/2021 06:47	05/24/2021 19:49	KHA
67-64-1	Acetone	ND		ug/kg dry	5.7	11	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/24/2021 06:47	05/24/2021 19:49	KHA
71-43-2	Benzene	ND		ug/kg dry	2.8	5.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/24/2021 06:47	05/24/2021 19:49	KHA
56-23-5	Carbon tetrachloride	ND		ug/kg dry	2.8	5.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/24/2021 06:47	05/24/2021 19:49	KHA
108-90-7	Chlorobenzene	ND		ug/kg dry	2.8	5.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/24/2021 06:47	05/24/2021 19:49	KHA
67-66-3	Chloroform	ND		ug/kg dry	2.8	5.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/24/2021 06:47	05/24/2021 19:49	KHA
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	2.8	5.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/24/2021 06:47	05/24/2021 19:49	KHA
100-41-4	Ethyl Benzene	ND		ug/kg dry	2.8	5.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/24/2021 06:47	05/24/2021 19:49	KHA
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	2.8	5.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/24/2021 06:47	05/24/2021 19:49	KHA
75-09-2	Methylene chloride	11		ug/kg dry	5.7	11	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/24/2021 06:47	05/24/2021 19:49	KHA
91-20-3	Naphthalene	ND		ug/kg dry	2.8	11	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/24/2021 06:47	05/24/2021 19:49	KHA
104-51-8	n-Butylbenzene	ND		ug/kg dry	2.8	5.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/24/2021 06:47	05/24/2021 19:49	KHA
103-65-1	n-Propylbenzene	ND		ug/kg dry	2.8	5.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/24/2021 06:47	05/24/2021 19:49	KHA
95-47-6	o-Xylene	ND		ug/kg dry	2.8	5.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/24/2021 06:47	05/24/2021 19:49	KHA



Sample Information

Client Sample ID: Grab 18 20210519

York Sample ID: 21E0875-18

York Project (SDG) No.
21E0875

Client Project ID
560909-Onekey

Matrix
Soil

Collection Date/Time
May 19, 2021 11:55 am

Date Received
05/20/2021

Volatile Organics, NYSDEC Part 375 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	5.7	11	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP	05/24/2021 06:47	05/24/2021 19:49	KHA
135-98-8	sec-Butylbenzene	ND		ug/kg dry	2.8	5.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/24/2021 06:47	05/24/2021 19:49	KHA
98-06-6	tert-Butylbenzene	ND		ug/kg dry	2.8	5.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/24/2021 06:47	05/24/2021 19:49	KHA
127-18-4	Tetrachloroethylene	ND		ug/kg dry	2.8	5.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/24/2021 06:47	05/24/2021 19:49	KHA
108-88-3	Toluene	ND		ug/kg dry	2.8	5.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/24/2021 06:47	05/24/2021 19:49	KHA
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	2.8	5.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/24/2021 06:47	05/24/2021 19:49	KHA
79-01-6	Trichloroethylene	ND		ug/kg dry	2.8	5.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/24/2021 06:47	05/24/2021 19:49	KHA
75-01-4	Vinyl Chloride	ND		ug/kg dry	2.8	5.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/24/2021 06:47	05/24/2021 19:49	KHA
1330-20-7	Xylenes, Total	ND		ug/kg dry	8.5	17	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP	05/24/2021 06:47	05/24/2021 19:49	KHA
Surrogate Recoveries		Result		Acceptance Range							
17060-07-0	Surrogate: SURR: 1,2-Dichloroethane-d4	96.2 %				77-125					
2037-26-5	Surrogate: SURR: Toluene-d8	104 %				85-120					
460-00-4	Surrogate: SURR: p-Bromofluorobenzene	94.5 %				76-130					

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	96.5		%	0.100	1	SM 2540G Certifications: CTDOH	05/21/2021 08:14	05/21/2021 12:32	SK

Sample Information

Client Sample ID: Grab 19 20210519

York Sample ID: 21E0875-19

York Project (SDG) No.
21E0875

Client Project ID
560909-Onekey

Matrix
Soil

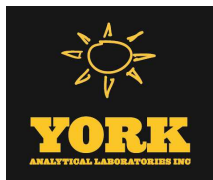
Collection Date/Time
May 19, 2021 12:00 pm

Date Received
05/20/2021

Volatile Organics, NYSDEC Part 375 List

Log-in Notes:

Sample Notes:



Sample Information

Client Sample ID: Grab 19 20210519

York Sample ID: 21E0875-19

York Project (SDG) No.
21E0875

Client Project ID
560909-Onekey

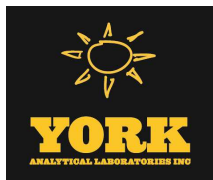
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Collection Date/Time
May 19, 2021 12:00 pm

Date Received
05/20/2021

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	3.3	6.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/24/2021 06:47	05/24/2021 20:15	KHA
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	3.3	6.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/24/2021 06:47	05/24/2021 20:15	KHA
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	3.3	6.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/24/2021 06:47	05/24/2021 20:15	KHA
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	3.3	6.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/24/2021 06:47	05/24/2021 20:15	KHA
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	3.3	6.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/24/2021 06:47	05/24/2021 20:15	KHA
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	3.3	6.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/24/2021 06:47	05/24/2021 20:15	KHA
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	3.3	6.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/24/2021 06:47	05/24/2021 20:15	KHA
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	3.3	6.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/24/2021 06:47	05/24/2021 20:15	KHA
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	3.3	6.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/24/2021 06:47	05/24/2021 20:15	KHA
123-91-1	1,4-Dioxane	ND		ug/kg dry	66	130	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/24/2021 06:47	05/24/2021 20:15	KHA
78-93-3	2-Butanone	ND		ug/kg dry	3.3	6.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/24/2021 06:47	05/24/2021 20:15	KHA
67-64-1	Acetone	ND		ug/kg dry	6.6	13	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/24/2021 06:47	05/24/2021 20:15	KHA
71-43-2	Benzene	ND		ug/kg dry	3.3	6.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/24/2021 06:47	05/24/2021 20:15	KHA
56-23-5	Carbon tetrachloride	ND		ug/kg dry	3.3	6.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/24/2021 06:47	05/24/2021 20:15	KHA
108-90-7	Chlorobenzene	ND		ug/kg dry	3.3	6.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/24/2021 06:47	05/24/2021 20:15	KHA
67-66-3	Chloroform	ND		ug/kg dry	3.3	6.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/24/2021 06:47	05/24/2021 20:15	KHA
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	3.3	6.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/24/2021 06:47	05/24/2021 20:15	KHA
100-41-4	Ethyl Benzene	ND		ug/kg dry	3.3	6.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/24/2021 06:47	05/24/2021 20:15	KHA
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	3.3	6.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/24/2021 06:47	05/24/2021 20:15	KHA
75-09-2	Methylene chloride	12	J	ug/kg dry	6.6	13	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/24/2021 06:47	05/24/2021 20:15	KHA
91-20-3	Naphthalene	ND		ug/kg dry	3.3	13	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/24/2021 06:47	05/24/2021 20:15	KHA
104-51-8	n-Butylbenzene	ND		ug/kg dry	3.3	6.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/24/2021 06:47	05/24/2021 20:15	KHA
103-65-1	n-Propylbenzene	ND		ug/kg dry	3.3	6.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/24/2021 06:47	05/24/2021 20:15	KHA
95-47-6	o-Xylene	ND		ug/kg dry	3.3	6.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/24/2021 06:47	05/24/2021 20:15	KHA



Sample Information

Client Sample ID: Grab 19 20210519

York Sample ID: 21E0875-19

York Project (SDG) No.
21E0875

Client Project ID
560909-Onekey

Matrix
Soil

Collection Date/Time
May 19, 2021 12:00 pm

Date Received
05/20/2021

Volatile Organics, NYSDEC Part 375 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	6.6	13	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP	05/24/2021 06:47	05/24/2021 20:15	KHA
135-98-8	sec-Butylbenzene	ND		ug/kg dry	3.3	6.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/24/2021 06:47	05/24/2021 20:15	KHA
98-06-6	tert-Butylbenzene	ND		ug/kg dry	3.3	6.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/24/2021 06:47	05/24/2021 20:15	KHA
127-18-4	Tetrachloroethylene	ND		ug/kg dry	3.3	6.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/24/2021 06:47	05/24/2021 20:15	KHA
108-88-3	Toluene	ND		ug/kg dry	3.3	6.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/24/2021 06:47	05/24/2021 20:15	KHA
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	3.3	6.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/24/2021 06:47	05/24/2021 20:15	KHA
79-01-6	Trichloroethylene	ND		ug/kg dry	3.3	6.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/24/2021 06:47	05/24/2021 20:15	KHA
75-01-4	Vinyl Chloride	ND		ug/kg dry	3.3	6.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/24/2021 06:47	05/24/2021 20:15	KHA
1330-20-7	Xylenes, Total	ND		ug/kg dry	9.9	20	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP	05/24/2021 06:47	05/24/2021 20:15	KHA
Surrogate Recoveries		Result		Acceptance Range							
17060-07-0	Surrogate: SURR: 1,2-Dichloroethane-d4	96.9 %				77-125					
2037-26-5	Surrogate: SURR: Toluene-d8	104 %				85-120					
460-00-4	Surrogate: SURR: p-Bromofluorobenzene	94.8 %				76-130					

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	91.5		%	0.100	1	SM 2540G Certifications: CTDOH	05/21/2021 08:14	05/21/2021 12:32	SK

Sample Information

Client Sample ID: Grab 20 20210519

York Sample ID: 21E0875-20

York Project (SDG) No.
21E0875

Client Project ID
560909-Onekey

Matrix
Soil

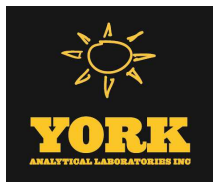
Collection Date/Time
May 19, 2021 12:05 pm

Date Received
05/20/2021

Volatile Organics, NYSDEC Part 375 List

Log-in Notes:

Sample Notes:



Sample Information

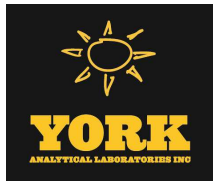
Client Sample ID: Grab 20 20210519

York Sample ID: 21E0875-20

<u>York Project (SDG) No.</u> 21E0875	<u>Client Project ID</u> 560909-Onekey	<u>Matrix</u> Soil	<u>Collection Date/Time</u> May 19, 2021 12:05 pm	<u>Date Received</u> 05/20/2021
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Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	3.1	6.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/24/2021 13:33	05/24/2021 23:42	KHA
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	3.1	6.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/24/2021 13:33	05/24/2021 23:42	KHA
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	3.1	6.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/24/2021 13:33	05/24/2021 23:42	KHA
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	3.1	6.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/24/2021 13:33	05/24/2021 23:42	KHA
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	3.1	6.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/24/2021 13:33	05/24/2021 23:42	KHA
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	3.1	6.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/24/2021 13:33	05/24/2021 23:42	KHA
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	3.1	6.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/24/2021 13:33	05/24/2021 23:42	KHA
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	3.1	6.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/24/2021 13:33	05/24/2021 23:42	KHA
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	3.1	6.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/24/2021 13:33	05/24/2021 23:42	KHA
123-91-1	1,4-Dioxane	ND		ug/kg dry	61	120	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/24/2021 13:33	05/24/2021 23:42	KHA
78-93-3	2-Butanone	ND		ug/kg dry	3.1	6.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/24/2021 13:33	05/24/2021 23:42	KHA
67-64-1	Acetone	ND		ug/kg dry	6.1	12	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/24/2021 13:33	05/24/2021 23:42	KHA
71-43-2	Benzene	ND		ug/kg dry	3.1	6.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/24/2021 13:33	05/24/2021 23:42	KHA
56-23-5	Carbon tetrachloride	ND		ug/kg dry	3.1	6.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/24/2021 13:33	05/24/2021 23:42	KHA
108-90-7	Chlorobenzene	ND		ug/kg dry	3.1	6.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/24/2021 13:33	05/24/2021 23:42	KHA
67-66-3	Chloroform	ND		ug/kg dry	3.1	6.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/24/2021 13:33	05/24/2021 23:42	KHA
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	3.1	6.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/24/2021 13:33	05/24/2021 23:42	KHA
100-41-4	Ethyl Benzene	ND		ug/kg dry	3.1	6.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/24/2021 13:33	05/24/2021 23:42	KHA
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	3.1	6.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/24/2021 13:33	05/24/2021 23:42	KHA
75-09-2	Methylene chloride	11	J	ug/kg dry	6.1	12	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/24/2021 13:33	05/24/2021 23:42	KHA
91-20-3	Naphthalene	ND		ug/kg dry	3.1	12	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/24/2021 13:33	05/24/2021 23:42	KHA
104-51-8	n-Butylbenzene	ND		ug/kg dry	3.1	6.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/24/2021 13:33	05/24/2021 23:42	KHA
103-65-1	n-Propylbenzene	ND		ug/kg dry	3.1	6.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/24/2021 13:33	05/24/2021 23:42	KHA
95-47-6	o-Xylene	ND		ug/kg dry	3.1	6.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/24/2021 13:33	05/24/2021 23:42	KHA



Sample Information

Client Sample ID: Grab 20 20210519

York Sample ID: 21E0875-20

York Project (SDG) No.

21E0875

Client Project ID

560909-Onekey

Matrix

Soil

Collection Date/Time

May 19, 2021 12:05 pm

Date Received

05/20/2021

Volatile Organics, NYSDEC Part 375 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	6.1	12	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP	05/24/2021 13:33	05/24/2021 23:42	KHA
135-98-8	sec-Butylbenzene	ND		ug/kg dry	3.1	6.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/24/2021 13:33	05/24/2021 23:42	KHA
98-06-6	tert-Butylbenzene	ND		ug/kg dry	3.1	6.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/24/2021 13:33	05/24/2021 23:42	KHA
127-18-4	Tetrachloroethylene	ND		ug/kg dry	3.1	6.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/24/2021 13:33	05/24/2021 23:42	KHA
108-88-3	Toluene	ND		ug/kg dry	3.1	6.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/24/2021 13:33	05/24/2021 23:42	KHA
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	3.1	6.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/24/2021 13:33	05/24/2021 23:42	KHA
79-01-6	Trichloroethylene	ND		ug/kg dry	3.1	6.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/24/2021 13:33	05/24/2021 23:42	KHA
75-01-4	Vinyl Chloride	ND		ug/kg dry	3.1	6.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/24/2021 13:33	05/24/2021 23:42	KHA
1330-20-7	Xylenes, Total	ND		ug/kg dry	9.2	18	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP	05/24/2021 13:33	05/24/2021 23:42	KHA
Surrogate Recoveries		Result		Acceptance Range							
17060-07-0	Surrogate: SURRE: 1,2-Dichloroethane-d4	96.2 %				77-125					
2037-26-5	Surrogate: SURRE: Toluene-d8	103 %				85-120					
460-00-4	Surrogate: SURRE: p-Bromofluorobenzene	95.9 %				76-130					

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	96.0		%	0.100	1	SM 2540G Certifications: CTDOH	05/21/2021 08:14	05/21/2021 12:32	SK

Sample Information

Client Sample ID: Grab 21 20210519

York Sample ID: 21E0875-21

York Project (SDG) No.

21E0875

Client Project ID

560909-Onekey

Matrix

Soil

Collection Date/Time

May 19, 2021 12:10 pm

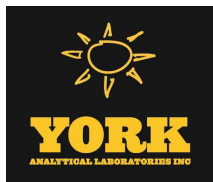
Date Received

05/20/2021

Volatile Organics, NYSDEC Part 375 List

Log-in Notes:

Sample Notes:



Sample Information

Client Sample ID: Grab 21 20210519

York Sample ID: 21E0875-21

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

21E0875

560909-Onekey

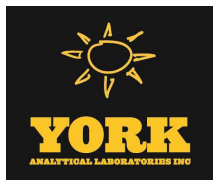
Soil

May 19, 2021 12:10 pm

05/20/2021

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	2.9	5.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/24/2021 13:33	05/25/2021 00:08	KHA
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	2.9	5.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/24/2021 13:33	05/25/2021 00:08	KHA
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	2.9	5.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/24/2021 13:33	05/25/2021 00:08	KHA
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	2.9	5.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/24/2021 13:33	05/25/2021 00:08	KHA
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	2.9	5.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/24/2021 13:33	05/25/2021 00:08	KHA
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	2.9	5.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/24/2021 13:33	05/25/2021 00:08	KHA
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	2.9	5.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/24/2021 13:33	05/25/2021 00:08	KHA
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	2.9	5.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/24/2021 13:33	05/25/2021 00:08	KHA
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	2.9	5.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/24/2021 13:33	05/25/2021 00:08	KHA
123-91-1	1,4-Dioxane	ND		ug/kg dry	59	120	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/24/2021 13:33	05/25/2021 00:08	KHA
78-93-3	2-Butanone	ND		ug/kg dry	2.9	5.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/24/2021 13:33	05/25/2021 00:08	KHA
67-64-1	Acetone	ND		ug/kg dry	5.9	12	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/24/2021 13:33	05/25/2021 00:08	KHA
71-43-2	Benzene	ND		ug/kg dry	2.9	5.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/24/2021 13:33	05/25/2021 00:08	KHA
56-23-5	Carbon tetrachloride	ND		ug/kg dry	2.9	5.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/24/2021 13:33	05/25/2021 00:08	KHA
108-90-7	Chlorobenzene	ND		ug/kg dry	2.9	5.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/24/2021 13:33	05/25/2021 00:08	KHA
67-66-3	Chloroform	ND		ug/kg dry	2.9	5.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/24/2021 13:33	05/25/2021 00:08	KHA
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	2.9	5.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/24/2021 13:33	05/25/2021 00:08	KHA
100-41-4	Ethyl Benzene	ND		ug/kg dry	2.9	5.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/24/2021 13:33	05/25/2021 00:08	KHA
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	2.9	5.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/24/2021 13:33	05/25/2021 00:08	KHA
75-09-2	Methylene chloride	12		ug/kg dry	5.9	12	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/24/2021 13:33	05/25/2021 00:08	KHA
91-20-3	Naphthalene	ND		ug/kg dry	2.9	12	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/24/2021 13:33	05/25/2021 00:08	KHA
104-51-8	n-Butylbenzene	ND		ug/kg dry	2.9	5.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/24/2021 13:33	05/25/2021 00:08	KHA
103-65-1	n-Propylbenzene	ND		ug/kg dry	2.9	5.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/24/2021 13:33	05/25/2021 00:08	KHA
95-47-6	o-Xylene	ND		ug/kg dry	2.9	5.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/24/2021 13:33	05/25/2021 00:08	KHA



Sample Information

Client Sample ID: Grab 21 20210519

York Sample ID: 21E0875-21

York Project (SDG) No.
21E0875

Client Project ID
560909-Onekey

Matrix
Soil

Collection Date/Time
May 19, 2021 12:10 pm

Date Received
05/20/2021

Volatile Organics, NYSDEC Part 375 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	5.9	12	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP	05/24/2021 13:33	05/25/2021 00:08	KHA
135-98-8	sec-Butylbenzene	ND		ug/kg dry	2.9	5.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/24/2021 13:33	05/25/2021 00:08	KHA
98-06-6	tert-Butylbenzene	ND		ug/kg dry	2.9	5.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/24/2021 13:33	05/25/2021 00:08	KHA
127-18-4	Tetrachloroethylene	ND		ug/kg dry	2.9	5.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/24/2021 13:33	05/25/2021 00:08	KHA
108-88-3	Toluene	ND		ug/kg dry	2.9	5.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/24/2021 13:33	05/25/2021 00:08	KHA
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	2.9	5.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/24/2021 13:33	05/25/2021 00:08	KHA
79-01-6	Trichloroethylene	ND		ug/kg dry	2.9	5.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/24/2021 13:33	05/25/2021 00:08	KHA
75-01-4	Vinyl Chloride	ND		ug/kg dry	2.9	5.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/24/2021 13:33	05/25/2021 00:08	KHA
1330-20-7	Xylenes, Total	ND		ug/kg dry	8.8	18	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP	05/24/2021 13:33	05/25/2021 00:08	KHA
Surrogate Recoveries		Result		Acceptance Range							
17060-07-0	Surrogate: SURR: 1,2-Dichloroethane-d4	95.9 %		77-125							
2037-26-5	Surrogate: SURR: Toluene-d8	103 %		85-120							
460-00-4	Surrogate: SURR: p-Bromofluorobenzene	94.6 %		76-130							

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	96.8		%	0.100	1	SM 2540G Certifications: CTDOH	05/21/2021 08:14	05/21/2021 12:32	SK

Sample Information

Client Sample ID: Grab 22 20210519

York Sample ID: 21E0875-22

York Project (SDG) No.
21E0875

Client Project ID
560909-Onekey

Matrix
Soil

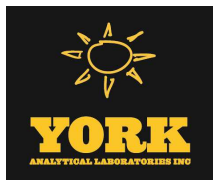
Collection Date/Time
May 19, 2021 12:15 pm

Date Received
05/20/2021

Volatile Organics, NYSDEC Part 375 List

Log-in Notes:

Sample Notes:



Sample Information

Client Sample ID: Grab 22 20210519

York Sample ID: 21E0875-22

York Project (SDG) No.
21E0875

Client Project ID
560909-Onekey

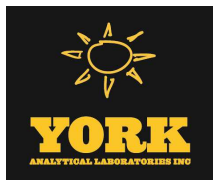
Matrix
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Collection Date/Time
May 19, 2021 12:15 pm

Date Received
05/20/2021

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	2.3	4.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/24/2021 13:33	05/25/2021 00:34	KHA
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	2.3	4.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/24/2021 13:33	05/25/2021 00:34	KHA
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	2.3	4.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/24/2021 13:33	05/25/2021 00:34	KHA
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	2.3	4.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/24/2021 13:33	05/25/2021 00:34	KHA
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	2.3	4.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/24/2021 13:33	05/25/2021 00:34	KHA
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	2.3	4.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/24/2021 13:33	05/25/2021 00:34	KHA
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	2.3	4.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/24/2021 13:33	05/25/2021 00:34	KHA
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	2.3	4.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/24/2021 13:33	05/25/2021 00:34	KHA
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	2.3	4.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/24/2021 13:33	05/25/2021 00:34	KHA
123-91-1	1,4-Dioxane	ND		ug/kg dry	45	90	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/24/2021 13:33	05/25/2021 00:34	KHA
78-93-3	2-Butanone	ND		ug/kg dry	2.3	4.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/24/2021 13:33	05/25/2021 00:34	KHA
67-64-1	Acetone	ND		ug/kg dry	4.5	9.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/24/2021 13:33	05/25/2021 00:34	KHA
71-43-2	Benzene	ND		ug/kg dry	2.3	4.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/24/2021 13:33	05/25/2021 00:34	KHA
56-23-5	Carbon tetrachloride	ND		ug/kg dry	2.3	4.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/24/2021 13:33	05/25/2021 00:34	KHA
108-90-7	Chlorobenzene	ND		ug/kg dry	2.3	4.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/24/2021 13:33	05/25/2021 00:34	KHA
67-66-3	Chloroform	ND		ug/kg dry	2.3	4.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/24/2021 13:33	05/25/2021 00:34	KHA
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	2.3	4.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/24/2021 13:33	05/25/2021 00:34	KHA
100-41-4	Ethyl Benzene	ND		ug/kg dry	2.3	4.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/24/2021 13:33	05/25/2021 00:34	KHA
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	2.3	4.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/24/2021 13:33	05/25/2021 00:34	KHA
75-09-2	Methylene chloride	6.9	J	ug/kg dry	4.5	9.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/24/2021 13:33	05/25/2021 00:34	KHA
91-20-3	Naphthalene	ND		ug/kg dry	2.3	9.0	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/24/2021 13:33	05/25/2021 00:34	KHA
104-51-8	n-Butylbenzene	ND		ug/kg dry	2.3	4.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/24/2021 13:33	05/25/2021 00:34	KHA
103-65-1	n-Propylbenzene	ND		ug/kg dry	2.3	4.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/24/2021 13:33	05/25/2021 00:34	KHA
95-47-6	o-Xylene	ND		ug/kg dry	2.3	4.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/24/2021 13:33	05/25/2021 00:34	KHA



Sample Information

Client Sample ID: Grab 22 20210519

York Sample ID: 21E0875-22

York Project (SDG) No.
21E0875

Client Project ID
560909-Onekey

Matrix
Soil

Collection Date/Time
May 19, 2021 12:15 pm

Date Received
05/20/2021

Volatile Organics, NYSDEC Part 375 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	4.5	9.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP	05/24/2021 13:33	05/25/2021 00:34	KHA
135-98-8	sec-Butylbenzene	ND		ug/kg dry	2.3	4.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/24/2021 13:33	05/25/2021 00:34	KHA
98-06-6	tert-Butylbenzene	ND		ug/kg dry	2.3	4.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/24/2021 13:33	05/25/2021 00:34	KHA
127-18-4	Tetrachloroethylene	ND		ug/kg dry	2.3	4.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/24/2021 13:33	05/25/2021 00:34	KHA
108-88-3	Toluene	ND		ug/kg dry	2.3	4.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/24/2021 13:33	05/25/2021 00:34	KHA
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	2.3	4.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/24/2021 13:33	05/25/2021 00:34	KHA
79-01-6	Trichloroethylene	ND		ug/kg dry	2.3	4.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/24/2021 13:33	05/25/2021 00:34	KHA
75-01-4	Vinyl Chloride	ND		ug/kg dry	2.3	4.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/24/2021 13:33	05/25/2021 00:34	KHA
1330-20-7	Xylenes, Total	ND		ug/kg dry	6.8	14	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP	05/24/2021 13:33	05/25/2021 00:34	KHA
Surrogate Recoveries		Result		Acceptance Range							
17060-07-0	Surrogate: SURR: 1,2-Dichloroethane-d4	96.1 %				77-125					
2037-26-5	Surrogate: SURR: Toluene-d8	103 %				85-120					
460-00-4	Surrogate: SURR: p-Bromofluorobenzene	95.2 %				76-130					

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	97.1		%	0.100	1	SM 2540G Certifications: CTDOH	05/21/2021 08:14	05/21/2021 12:32	SK

Sample Information

Client Sample ID: Grab 23 20210519

York Sample ID: 21E0875-23

York Project (SDG) No.
21E0875

Client Project ID
560909-Onekey

Matrix
Soil

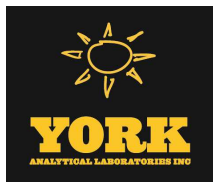
Collection Date/Time
May 19, 2021 12:20 pm

Date Received
05/20/2021

Volatile Organics, NYSDEC Part 375 List

Log-in Notes:

Sample Notes:



Sample Information

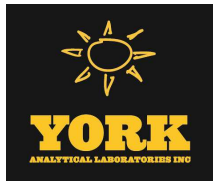
Client Sample ID: Grab 23 20210519

York Sample ID: 21E0875-23

<u>York Project (SDG) No.</u> 21E0875	<u>Client Project ID</u> 560909-Onekey	<u>Matrix</u> Soil	<u>Collection Date/Time</u> May 19, 2021 12:20 pm	<u>Date Received</u> 05/20/2021
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Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/24/2021 13:33	05/25/2021 00:59	KHA
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/24/2021 13:33	05/25/2021 00:59	KHA
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/24/2021 13:33	05/25/2021 00:59	KHA
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/24/2021 13:33	05/25/2021 00:59	KHA
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/24/2021 13:33	05/25/2021 00:59	KHA
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/24/2021 13:33	05/25/2021 00:59	KHA
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/24/2021 13:33	05/25/2021 00:59	KHA
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/24/2021 13:33	05/25/2021 00:59	KHA
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/24/2021 13:33	05/25/2021 00:59	KHA
123-91-1	1,4-Dioxane	ND		ug/kg dry	56	110	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/24/2021 13:33	05/25/2021 00:59	KHA
78-93-3	2-Butanone	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/24/2021 13:33	05/25/2021 00:59	KHA
67-64-1	Acetone	ND		ug/kg dry	5.6	11	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/24/2021 13:33	05/25/2021 00:59	KHA
71-43-2	Benzene	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/24/2021 13:33	05/25/2021 00:59	KHA
56-23-5	Carbon tetrachloride	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/24/2021 13:33	05/25/2021 00:59	KHA
108-90-7	Chlorobenzene	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/24/2021 13:33	05/25/2021 00:59	KHA
67-66-3	Chloroform	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/24/2021 13:33	05/25/2021 00:59	KHA
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/24/2021 13:33	05/25/2021 00:59	KHA
100-41-4	Ethyl Benzene	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/24/2021 13:33	05/25/2021 00:59	KHA
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/24/2021 13:33	05/25/2021 00:59	KHA
75-09-2	Methylene chloride	8.9	J	ug/kg dry	5.6	11	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/24/2021 13:33	05/25/2021 00:59	KHA
91-20-3	Naphthalene	ND		ug/kg dry	2.8	11	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/24/2021 13:33	05/25/2021 00:59	KHA
104-51-8	n-Butylbenzene	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/24/2021 13:33	05/25/2021 00:59	KHA
103-65-1	n-Propylbenzene	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/24/2021 13:33	05/25/2021 00:59	KHA
95-47-6	o-Xylene	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/24/2021 13:33	05/25/2021 00:59	KHA



Sample Information

Client Sample ID: Grab 23 20210519

York Sample ID: 21E0875-23

York Project (SDG) No.

21E0875

Client Project ID

560909-Onekey

Matrix

Soil

Collection Date/Time

May 19, 2021 12:20 pm

Date Received

05/20/2021

Volatile Organics, NYSDEC Part 375 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	5.6	11	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP	05/24/2021 13:33	05/25/2021 00:59	KHA
135-98-8	sec-Butylbenzene	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/24/2021 13:33	05/25/2021 00:59	KHA
98-06-6	tert-Butylbenzene	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/24/2021 13:33	05/25/2021 00:59	KHA
127-18-4	Tetrachloroethylene	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/24/2021 13:33	05/25/2021 00:59	KHA
108-88-3	Toluene	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/24/2021 13:33	05/25/2021 00:59	KHA
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/24/2021 13:33	05/25/2021 00:59	KHA
79-01-6	Trichloroethylene	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/24/2021 13:33	05/25/2021 00:59	KHA
75-01-4	Vinyl Chloride	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/24/2021 13:33	05/25/2021 00:59	KHA
1330-20-7	Xylenes, Total	ND		ug/kg dry	8.4	17	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP	05/24/2021 13:33	05/25/2021 00:59	KHA
Surrogate Recoveries		Result		Acceptance Range							
17060-07-0	Surrogate: SURR: 1,2-Dichloroethane-d4	97.1 %				77-125					
2037-26-5	Surrogate: SURR: Toluene-d8	102 %				85-120					
460-00-4	Surrogate: SURR: p-Bromofluorobenzene	96.9 %				76-130					

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	97.7		%	0.100	1	SM 2540G Certifications: CTDOH	05/21/2021 08:14	05/21/2021 12:32	SK

Sample Information

Client Sample ID: Grab 24 20210519

York Sample ID: 21E0875-24

York Project (SDG) No.

21E0875

Client Project ID

560909-Onekey

Matrix

Soil

Collection Date/Time

May 19, 2021 12:25 pm

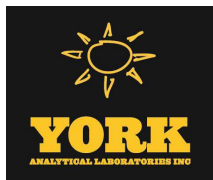
Date Received

05/20/2021

Volatile Organics, NYSDEC Part 375 List

Log-in Notes:

Sample Notes:



Sample Information

Client Sample ID: Grab 24 20210519

York Sample ID: 21E0875-24

York Project (SDG) No.
21E0875

Client Project ID
560909-Onekey

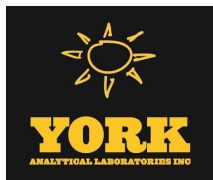
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Soil

Collection Date/Time
May 19, 2021 12:25 pm

Date Received
05/20/2021

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/25/2021 06:47	05/25/2021 13:57	KHA
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/25/2021 06:47	05/25/2021 13:57	KHA
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/25/2021 06:47	05/25/2021 13:57	KHA
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/25/2021 06:47	05/25/2021 13:57	KHA
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/25/2021 06:47	05/25/2021 13:57	KHA
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/25/2021 06:47	05/25/2021 13:57	KHA
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/25/2021 06:47	05/25/2021 13:57	KHA
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/25/2021 06:47	05/25/2021 13:57	KHA
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/25/2021 06:47	05/25/2021 13:57	KHA
123-91-1	1,4-Dioxane	ND		ug/kg dry	58	120	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/25/2021 06:47	05/25/2021 13:57	KHA
78-93-3	2-Butanone	ND		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/25/2021 06:47	05/25/2021 13:57	KHA
67-64-1	Acetone	29	CCV-E	ug/kg dry	5.8	12	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/25/2021 06:47	05/25/2021 13:57	KHA
71-43-2	Benzene	ND		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/25/2021 06:47	05/25/2021 13:57	KHA
56-23-5	Carbon tetrachloride	ND		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/25/2021 06:47	05/25/2021 13:57	KHA
108-90-7	Chlorobenzene	ND		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/25/2021 06:47	05/25/2021 13:57	KHA
67-66-3	Chloroform	ND		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/25/2021 06:47	05/25/2021 13:57	KHA
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/25/2021 06:47	05/25/2021 13:57	KHA
100-41-4	Ethyl Benzene	ND		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/25/2021 06:47	05/25/2021 13:57	KHA
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/25/2021 06:47	05/25/2021 13:57	KHA
75-09-2	Methylene chloride	6.6	J	ug/kg dry	5.8	12	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/25/2021 06:47	05/25/2021 13:57	KHA
91-20-3	Naphthalene	ND		ug/kg dry	2.9	12	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/25/2021 06:47	05/25/2021 13:57	KHA
104-51-8	n-Butylbenzene	ND		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/25/2021 06:47	05/25/2021 13:57	KHA
103-65-1	n-Propylbenzene	ND		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/25/2021 06:47	05/25/2021 13:57	KHA
95-47-6	o-Xylene	ND		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/25/2021 06:47	05/25/2021 13:57	KHA



Sample Information

Client Sample ID: Grab 24 20210519

York Sample ID: 21E0875-24

York Project (SDG) No.
21E0875

Client Project ID
560909-Onekey

Matrix
Soil

Collection Date/Time
May 19, 2021 12:25 pm

Date Received
05/20/2021

Volatile Organics, NYSDEC Part 375 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	5.8	12	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP	05/25/2021 06:47	05/25/2021 13:57	KHA
135-98-8	sec-Butylbenzene	ND		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/25/2021 06:47	05/25/2021 13:57	KHA
98-06-6	tert-Butylbenzene	ND		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/25/2021 06:47	05/25/2021 13:57	KHA
127-18-4	Tetrachloroethylene	ND		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/25/2021 06:47	05/25/2021 13:57	KHA
108-88-3	Toluene	ND		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/25/2021 06:47	05/25/2021 13:57	KHA
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/25/2021 06:47	05/25/2021 13:57	KHA
79-01-6	Trichloroethylene	ND		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/25/2021 06:47	05/25/2021 13:57	KHA
75-01-4	Vinyl Chloride	ND		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/25/2021 06:47	05/25/2021 13:57	KHA
1330-20-7	Xylenes, Total	ND		ug/kg dry	8.7	17	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP	05/25/2021 06:47	05/25/2021 13:57	KHA
Surrogate Recoveries		Result		Acceptance Range							
17060-07-0	Surrogate: SURR: 1,2-Dichloroethane-d4	95.6 %				77-125					
2037-26-5	Surrogate: SURR: Toluene-d8	104 %				85-120					
460-00-4	Surrogate: SURR: p-Bromofluorobenzene	95.2 %				76-130					

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	98.6		%	0.100	1	SM 2540G Certifications: CTDOH	05/21/2021 08:14	05/21/2021 12:32	SK

Sample Information

Client Sample ID: Grab 25 20210519

York Sample ID: 21E0875-25

York Project (SDG) No.
21E0875

Client Project ID
560909-Onekey

Matrix
Soil

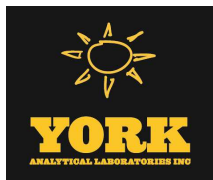
Collection Date/Time
May 19, 2021 12:30 pm

Date Received
05/20/2021

Volatile Organics, NYSDEC Part 375 List

Log-in Notes:

Sample Notes:



Sample Information

Client Sample ID: Grab 25 20210519

York Sample ID: 21E0875-25

York Project (SDG) No.
21E0875

Client Project ID
560909-Onekey

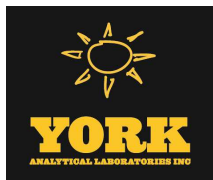
Matrix
Soil

Collection Date/Time
May 19, 2021 12:30 pm

Date Received
05/20/2021

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/24/2021 13:33	05/25/2021 01:51	KHA
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/24/2021 13:33	05/25/2021 01:51	KHA
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/24/2021 13:33	05/25/2021 01:51	KHA
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/24/2021 13:33	05/25/2021 01:51	KHA
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/24/2021 13:33	05/25/2021 01:51	KHA
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/24/2021 13:33	05/25/2021 01:51	KHA
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/24/2021 13:33	05/25/2021 01:51	KHA
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/24/2021 13:33	05/25/2021 01:51	KHA
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/24/2021 13:33	05/25/2021 01:51	KHA
123-91-1	1,4-Dioxane	ND		ug/kg dry	52	100	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/24/2021 13:33	05/25/2021 01:51	KHA
78-93-3	2-Butanone	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/24/2021 13:33	05/25/2021 01:51	KHA
67-64-1	Acetone	ND		ug/kg dry	5.2	10	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/24/2021 13:33	05/25/2021 01:51	KHA
71-43-2	Benzene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/24/2021 13:33	05/25/2021 01:51	KHA
56-23-5	Carbon tetrachloride	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/24/2021 13:33	05/25/2021 01:51	KHA
108-90-7	Chlorobenzene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/24/2021 13:33	05/25/2021 01:51	KHA
67-66-3	Chloroform	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/24/2021 13:33	05/25/2021 01:51	KHA
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/24/2021 13:33	05/25/2021 01:51	KHA
100-41-4	Ethyl Benzene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/24/2021 13:33	05/25/2021 01:51	KHA
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/24/2021 13:33	05/25/2021 01:51	KHA
75-09-2	Methylene chloride	9.0	J	ug/kg dry	5.2	10	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/24/2021 13:33	05/25/2021 01:51	KHA
91-20-3	Naphthalene	ND		ug/kg dry	2.6	10	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/24/2021 13:33	05/25/2021 01:51	KHA
104-51-8	n-Butylbenzene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/24/2021 13:33	05/25/2021 01:51	KHA
103-65-1	n-Propylbenzene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/24/2021 13:33	05/25/2021 01:51	KHA
95-47-6	o-Xylene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/24/2021 13:33	05/25/2021 01:51	KHA



Sample Information

Client Sample ID: Grab 25 20210519

York Sample ID: 21E0875-25

York Project (SDG) No.
21E0875

Client Project ID
560909-Onekey

Matrix
Soil

Collection Date/Time
May 19, 2021 12:30 pm

Date Received
05/20/2021

Volatile Organics, NYSDEC Part 375 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	5.2	10	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP	05/24/2021 13:33	05/25/2021 01:51	KHA
135-98-8	sec-Butylbenzene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/24/2021 13:33	05/25/2021 01:51	KHA
98-06-6	tert-Butylbenzene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/24/2021 13:33	05/25/2021 01:51	KHA
127-18-4	Tetrachloroethylene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/24/2021 13:33	05/25/2021 01:51	KHA
108-88-3	Toluene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/24/2021 13:33	05/25/2021 01:51	KHA
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/24/2021 13:33	05/25/2021 01:51	KHA
79-01-6	Trichloroethylene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/24/2021 13:33	05/25/2021 01:51	KHA
75-01-4	Vinyl Chloride	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/24/2021 13:33	05/25/2021 01:51	KHA
1330-20-7	Xylenes, Total	ND		ug/kg dry	7.8	16	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP	05/24/2021 13:33	05/25/2021 01:51	KHA
Surrogate Recoveries		Result		Acceptance Range							
17060-07-0	Surrogate: SURR: 1,2-Dichloroethane-d4	95.2 %				77-125					
2037-26-5	Surrogate: SURR: Toluene-d8	104 %				85-120					
460-00-4	Surrogate: SURR: p-Bromofluorobenzene	97.3 %				76-130					

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	99.4		%	0.100	1	SM 2540G Certifications: CTDOH	05/21/2021 08:15	05/21/2021 12:52	SK

Sample Information

Client Sample ID: Grab 26 20210519

York Sample ID: 21E0875-26

York Project (SDG) No.
21E0875

Client Project ID
560909-Onekey

Matrix
Soil

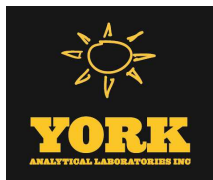
Collection Date/Time
May 19, 2021 12:35 pm

Date Received
05/20/2021

Volatile Organics, NYSDEC Part 375 List

Log-in Notes:

Sample Notes:



Sample Information

Client Sample ID: Grab 26 20210519

York Sample ID: 21E0875-26

York Project (SDG) No.
21E0875

Client Project ID
560909-Onekey

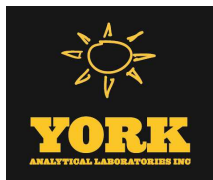
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Soil

Collection Date/Time
May 19, 2021 12:35 pm

Date Received
05/20/2021

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	3.0	6.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/24/2021 13:33	05/25/2021 02:17	KHA
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	3.0	6.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/24/2021 13:33	05/25/2021 02:17	KHA
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	3.0	6.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/24/2021 13:33	05/25/2021 02:17	KHA
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	3.0	6.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/24/2021 13:33	05/25/2021 02:17	KHA
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	3.0	6.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/24/2021 13:33	05/25/2021 02:17	KHA
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	3.0	6.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/24/2021 13:33	05/25/2021 02:17	KHA
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	3.0	6.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/24/2021 13:33	05/25/2021 02:17	KHA
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	3.0	6.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/24/2021 13:33	05/25/2021 02:17	KHA
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	3.0	6.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/24/2021 13:33	05/25/2021 02:17	KHA
123-91-1	1,4-Dioxane	ND		ug/kg dry	60	120	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/24/2021 13:33	05/25/2021 02:17	KHA
78-93-3	2-Butanone	ND		ug/kg dry	3.0	6.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/24/2021 13:33	05/25/2021 02:17	KHA
67-64-1	Acetone	ND		ug/kg dry	6.0	12	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/24/2021 13:33	05/25/2021 02:17	KHA
71-43-2	Benzene	ND		ug/kg dry	3.0	6.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/24/2021 13:33	05/25/2021 02:17	KHA
56-23-5	Carbon tetrachloride	ND		ug/kg dry	3.0	6.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/24/2021 13:33	05/25/2021 02:17	KHA
108-90-7	Chlorobenzene	ND		ug/kg dry	3.0	6.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/24/2021 13:33	05/25/2021 02:17	KHA
67-66-3	Chloroform	ND		ug/kg dry	3.0	6.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/24/2021 13:33	05/25/2021 02:17	KHA
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	3.0	6.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/24/2021 13:33	05/25/2021 02:17	KHA
100-41-4	Ethyl Benzene	ND		ug/kg dry	3.0	6.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/24/2021 13:33	05/25/2021 02:17	KHA
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	3.0	6.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/24/2021 13:33	05/25/2021 02:17	KHA
75-09-2	Methylene chloride	13		ug/kg dry	6.0	12	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/24/2021 13:33	05/25/2021 02:17	KHA
91-20-3	Naphthalene	ND		ug/kg dry	3.0	12	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/24/2021 13:33	05/25/2021 02:17	KHA
104-51-8	n-Butylbenzene	ND		ug/kg dry	3.0	6.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/24/2021 13:33	05/25/2021 02:17	KHA
103-65-1	n-Propylbenzene	ND		ug/kg dry	3.0	6.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/24/2021 13:33	05/25/2021 02:17	KHA
95-47-6	o-Xylene	ND		ug/kg dry	3.0	6.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/24/2021 13:33	05/25/2021 02:17	KHA



Sample Information

Client Sample ID: Grab 26 20210519

York Sample ID: 21E0875-26

York Project (SDG) No.
21E0875

Client Project ID
560909-Onekey

Matrix
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Collection Date/Time
May 19, 2021 12:35 pm

Date Received
05/20/2021

Volatile Organics, NYSDEC Part 375 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	6.0	12	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP	05/24/2021 13:33	05/25/2021 02:17	KHA
135-98-8	sec-Butylbenzene	ND		ug/kg dry	3.0	6.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/24/2021 13:33	05/25/2021 02:17	KHA
98-06-6	tert-Butylbenzene	ND		ug/kg dry	3.0	6.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/24/2021 13:33	05/25/2021 02:17	KHA
127-18-4	Tetrachloroethylene	ND		ug/kg dry	3.0	6.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/24/2021 13:33	05/25/2021 02:17	KHA
108-88-3	Toluene	ND		ug/kg dry	3.0	6.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/24/2021 13:33	05/25/2021 02:17	KHA
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	3.0	6.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/24/2021 13:33	05/25/2021 02:17	KHA
79-01-6	Trichloroethylene	ND		ug/kg dry	3.0	6.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/24/2021 13:33	05/25/2021 02:17	KHA
75-01-4	Vinyl Chloride	ND		ug/kg dry	3.0	6.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/24/2021 13:33	05/25/2021 02:17	KHA
1330-20-7	Xylenes, Total	ND		ug/kg dry	9.0	18	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP	05/24/2021 13:33	05/25/2021 02:17	KHA
Surrogate Recoveries		Result		Acceptance Range							
17060-07-0	Surrogate: SURR: 1,2-Dichloroethane-d4	95.6 %		77-125							
2037-26-5	Surrogate: SURR: Toluene-d8	103 %		85-120							
460-00-4	Surrogate: SURR: p-Bromofluorobenzene	94.8 %		76-130							

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	99.1		%	0.100	1	SM 2540G Certifications: CTDOH	05/21/2021 08:15	05/21/2021 12:52	SK

Sample Information

Client Sample ID: Comp 1 20210519

York Sample ID: 21E0875-27

York Project (SDG) No.
21E0875

Client Project ID
560909-Onekey

Matrix
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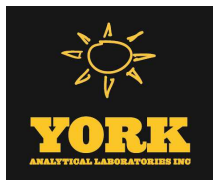
Collection Date/Time
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Date Received
05/20/2021

Semi-Volatiles, NYSDEC Part 375

Log-in Notes:

Sample Notes:



Sample Information

Client Sample ID: Comp 1 20210519

York Sample ID: 21E0875-27

York Project (SDG) No.
21E0875

Client Project ID
560909-Onekey

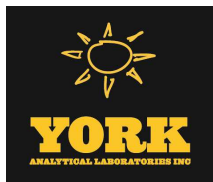
Matrix
Soil

Collection Date/Time
May 19, 2021 11:00 am

Date Received
05/20/2021

Sample Prepared by Method: EPA 3546 SVOA

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		ug/kg dry	41.9	83.6	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 12:43	KH
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		ug/kg dry	83.6	167	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 12:43	KH
58-90-2	2,3,4,6-Tetrachlorophenol	ND		ug/kg dry	83.6	167	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 12:43	KH
95-95-4	2,4,5-Trichlorophenol	ND		ug/kg dry	41.9	83.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 12:43	KH
88-06-2	2,4,6-Trichlorophenol	ND		ug/kg dry	41.9	83.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 12:43	KH
120-83-2	2,4-Dichlorophenol	ND		ug/kg dry	41.9	83.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 12:43	KH
105-67-9	2,4-Dimethylphenol	ND		ug/kg dry	41.9	83.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 12:43	KH
51-28-5	2,4-Dinitrophenol	ND		ug/kg dry	83.6	167	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 12:43	KH
121-14-2	2,4-Dinitrotoluene	ND		ug/kg dry	41.9	83.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 12:43	KH
606-20-2	2,6-Dinitrotoluene	ND		ug/kg dry	41.9	83.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 12:43	KH
91-58-7	2-Chloronaphthalene	ND		ug/kg dry	41.9	83.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 12:43	KH
95-57-8	2-Chlorophenol	ND		ug/kg dry	41.9	83.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 12:43	KH
91-57-6	2-Methylnaphthalene	ND		ug/kg dry	41.9	83.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 12:43	KH
95-48-7	2-Methylphenol	ND		ug/kg dry	41.9	83.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 12:43	KH
88-74-4	2-Nitroaniline	ND		ug/kg dry	83.6	167	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 12:43	KH
88-75-5	2-Nitrophenol	ND		ug/kg dry	41.9	83.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 12:43	KH
65794-96-9	3- & 4-Methylphenols	ND		ug/kg dry	41.9	83.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 12:43	KH
91-94-1	3,3-Dichlorobenzidine	ND		ug/kg dry	41.9	83.6	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 12:43	KH
99-09-2	3-Nitroaniline	ND		ug/kg dry	83.6	167	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 12:43	KH
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/kg dry	83.6	167	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 12:43	KH
101-55-3	4-Bromophenyl phenyl ether	ND		ug/kg dry	41.9	83.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 12:43	KH
59-50-7	4-Chloro-3-methylphenol	ND		ug/kg dry	41.9	83.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 12:43	KH
106-47-8	4-Chloroaniline	ND		ug/kg dry	41.9	83.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 12:43	KH
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/kg dry	41.9	83.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 12:43	KH



Sample Information

Client Sample ID: Comp 1 20210519

York Sample ID: 21E0875-27

York Project (SDG) No.

21E0875

Client Project ID

560909-Onekey

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Collection Date/Time

May 19, 2021 11:00 am

Date Received

05/20/2021

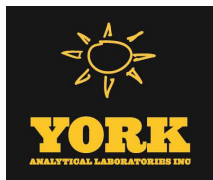
Semi-Volatiles, NYSDEC Part 375

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3546 SVOA

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-01-6	4-Nitroaniline	ND		ug/kg dry	83.6	167	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 12:43	KH
100-02-7	4-Nitrophenol	ND		ug/kg dry	83.6	167	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 12:43	KH
83-32-9	Acenaphthene	ND		ug/kg dry	41.9	83.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 12:43	KH
208-96-8	Acenaphthylene	ND		ug/kg dry	41.9	83.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 12:43	KH
98-86-2	Acetophenone	ND		ug/kg dry	41.9	83.6	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 12:43	KH
120-12-7	Anthracene	ND		ug/kg dry	41.9	83.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 12:43	KH
1912-24-9	Atrazine	ND		ug/kg dry	41.9	83.6	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 12:43	KH
100-52-7	Benzaldehyde	ND		ug/kg dry	41.9	83.6	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 12:43	KH
56-55-3	Benzo(a)anthracene	136		ug/kg dry	41.9	83.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 12:43	KH
50-32-8	Benzo(a)pyrene	136		ug/kg dry	41.9	83.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 12:43	KH
205-99-2	Benzo(b)fluoranthene	136		ug/kg dry	41.9	83.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 12:43	KH
191-24-2	Benzo(g,h,i)perylene	86.8		ug/kg dry	41.9	83.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 12:43	KH
207-08-9	Benzo(k)fluoranthene	122		ug/kg dry	41.9	83.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 12:43	KH
85-68-7	Benzyl butyl phthalate	ND		ug/kg dry	41.9	83.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 12:43	KH
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/kg dry	41.9	83.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 12:43	KH
111-44-4	Bis(2-chloroethyl)ether	ND		ug/kg dry	41.9	83.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 12:43	KH
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/kg dry	41.9	83.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 12:43	KH
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/kg dry	41.9	83.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 12:43	KH
105-60-2	Caprolactam	ND		ug/kg dry	83.6	167	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 12:43	KH
86-74-8	Carbazole	ND		ug/kg dry	41.9	83.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 12:43	KH
218-01-9	Chrysene	152		ug/kg dry	41.9	83.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 12:43	KH
53-70-3	Dibenzo(a,h)anthracene	ND		ug/kg dry	41.9	83.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 12:43	KH
132-64-9	Dibenzofuran	ND		ug/kg dry	41.9	83.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 12:43	KH



Sample Information

Client Sample ID: Comp 1 20210519

York Sample ID: 21E0875-27

York Project (SDG) No.
21E0875

Client Project ID
560909-Onekey

Matrix
Soil

Collection Date/Time
May 19, 2021 11:00 am

Date Received
05/20/2021

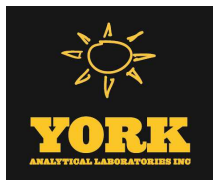
Semi-Volatiles, NYSDEC Part 375

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3546 SVOA

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
84-66-2	Diethyl phthalate	ND		ug/kg dry	41.9	83.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 12:43	KH
131-11-3	Dimethyl phthalate	ND		ug/kg dry	41.9	83.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 12:43	KH
84-74-2	Di-n-butyl phthalate	ND		ug/kg dry	41.9	83.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 12:43	KH
117-84-0	Di-n-octyl phthalate	ND		ug/kg dry	41.9	83.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 12:43	KH
206-44-0	Fluoranthene	212		ug/kg dry	41.9	83.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 12:43	KH
86-73-7	Fluorene	ND		ug/kg dry	41.9	83.6	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 12:43	KH
118-74-1	Hexachlorobenzene	ND		ug/kg dry	41.9	83.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 12:43	KH
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	41.9	83.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 12:43	KH
77-47-4	Hexachlorocyclopentadiene	ND		ug/kg dry	41.9	83.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 12:43	KH
67-72-1	Hexachloroethane	ND		ug/kg dry	41.9	83.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 12:43	KH
193-39-5	Indeno(1,2,3-cd)pyrene	82.8	J	ug/kg dry	41.9	83.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 12:43	KH
78-59-1	Isophorone	ND		ug/kg dry	41.9	83.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 12:43	KH
91-20-3	Naphthalene	ND		ug/kg dry	41.9	83.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 12:43	KH
98-95-3	Nitrobenzene	ND		ug/kg dry	41.9	83.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 12:43	KH
621-64-7	N-nitroso-di-n-propylamine	ND		ug/kg dry	41.9	83.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 12:43	KH
86-30-6	N-Nitrosodiphenylamine	ND		ug/kg dry	41.9	83.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 12:43	KH
87-86-5	Pentachlorophenol	ND		ug/kg dry	41.9	83.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 12:43	KH
85-01-8	Phenanthrene	80.2	J	ug/kg dry	41.9	83.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 12:43	KH
108-95-2	Phenol	ND		ug/kg dry	41.9	83.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 12:43	KH
129-00-0	Pyrene	208		ug/kg dry	41.9	83.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 12:43	KH
Surrogate Recoveries		Result	Acceptance Range								
367-12-4	Surrogate: SURR: 2-Fluorophenol	52.3 %	30-130								
4165-62-2	Surrogate: SURR: Phenol-d5	47.8 %	30-130								
4165-60-0	Surrogate: SURR: Nitrobenzene-d5	60.2 %	30-130								
321-60-8	Surrogate: SURR: 2-Fluorobiphenyl	46.4 %	30-130								



Sample Information

Client Sample ID: Comp 1 20210519

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York Project (SDG) No.
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560909-Onekey

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Semi-Volatiles, NYSDEC Part 375

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3546 SVOA

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
118-79-6	Surrogate: SURR: 2,4,6-Tribromophenol	44.9 %			30-130						
1718-51-0	Surrogate: SURR: Terphenyl-d14	55.8 %			30-130						

Semi-Volatiles, 1,4-Dioxane 8270 SIM-Soil

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
123-91-1	1,4-Dioxane	ND		ug/kg	9.80	1	EPA 8270D SIM Certifications: NELAC-NY10854	05/26/2021 07:37	05/26/2021 15:02	KH
Surrogate Recoveries		Result		Acceptance Range						
17647-74-4	Surrogate: 1,4-Dioxane-d8	66.0 %			39-127.5					

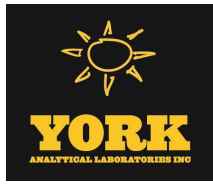
Pesticides, NYSDEC Part 375 Target List

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		ug/kg dry	1.66	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/21/2021 14:07	05/25/2021 10:57	CM
72-55-9	4,4'-DDE	ND		ug/kg dry	1.66	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/21/2021 14:07	05/25/2021 10:57	CM
50-29-3	4,4'-DDT	ND		ug/kg dry	1.66	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/21/2021 14:07	05/25/2021 10:57	CM
309-00-2	Aldrin	ND		ug/kg dry	1.66	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/21/2021 14:07	05/25/2021 10:57	CM
319-84-6	alpha-BHC	ND		ug/kg dry	1.66	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/21/2021 14:07	05/25/2021 10:57	CM
5103-71-9	alpha-Chlordane	ND		ug/kg dry	1.66	5	EPA 8081B Certifications: NELAC-NY10854,NJDEP	05/21/2021 14:07	05/25/2021 10:57	CM
319-85-7	beta-BHC	ND		ug/kg dry	1.66	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/21/2021 14:07	05/25/2021 10:57	CM
319-86-8	delta-BHC	ND		ug/kg dry	1.66	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/21/2021 14:07	05/25/2021 10:57	CM
60-57-1	Dieldrin	ND		ug/kg dry	1.66	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/21/2021 14:07	05/25/2021 10:57	CM
959-98-8	Endosulfan I	ND		ug/kg dry	1.66	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/21/2021 14:07	05/25/2021 10:57	CM
33213-65-9	Endosulfan II	ND		ug/kg dry	1.66	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854	05/21/2021 14:07	05/25/2021 10:57	CM
1031-07-8	Endosulfan sulfate	ND		ug/kg dry	1.66	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/21/2021 14:07	05/25/2021 10:57	CM
72-20-8	Endrin	ND		ug/kg dry	1.66	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/21/2021 14:07	05/25/2021 10:57	CM



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Pesticides, NYSDEC Part 375 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
58-89-9	gamma-BHC (Lindane)	ND		ug/kg dry	1.66	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/21/2021 14:07	05/25/2021 10:57	CM
76-44-8	Heptachlor	ND		ug/kg dry	1.66	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/21/2021 14:07	05/25/2021 10:57	CM
Surrogate Recoveries		Result		Acceptance Range						
2051-24-3	Surrogate: Decachlorobiphenyl	78.2 %								
877-09-8	Surrogate: Tetrachloro-m-xylene	46.2 %								

Polychlorinated Biphenyls (PCB)

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
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0167	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	05/21/2021 14:07	05/24/2021 16:21	BJ
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0167	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	05/21/2021 14:07	05/24/2021 16:21	BJ
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0167	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	05/21/2021 14:07	05/24/2021 16:21	BJ
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0167	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	05/21/2021 14:07	05/24/2021 16:21	BJ
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0167	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	05/21/2021 14:07	05/24/2021 16:21	BJ
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0167	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	05/21/2021 14:07	05/24/2021 16:21	BJ
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0167	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	05/21/2021 14:07	05/24/2021 16:21	BJ
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0167	1	EPA 8082A Certifications:	05/21/2021 14:07	05/24/2021 16:21	BJ
Surrogate Recoveries		Result		Acceptance Range						
877-09-8	Surrogate: Tetrachloro-m-xylene	79.5 %								
2051-24-3	Surrogate: Decachlorobiphenyl	49.0 %								

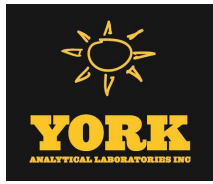
Herbicides, NYSDEC Part 375 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C/8151A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
93-72-1	2,4,5-TP (Silvex)	ND		ug/kg dry	20.1	1	EPA 8151A Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/26/2021 07:34	05/26/2021 18:11	BJ
Surrogate Recoveries		Result		Acceptance Range						
19719-28-9	Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)	61.4 %								



Sample Information

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Metals, NYSDEC Part 375

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	5.85		mg/kg dry	1.52	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/27/2021 15:30	05/28/2021 14:15	EM
7440-39-3	Barium	77.4		mg/kg dry	2.53	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/27/2021 15:30	05/28/2021 14:15	EM
7440-41-7	Beryllium	ND		mg/kg dry	0.051	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/27/2021 15:30	05/28/2021 14:15	EM
7440-43-9	Cadmium	ND		mg/kg dry	0.304	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/27/2021 15:30	05/28/2021 14:15	EM
7440-47-3	Chromium	17.8		mg/kg dry	0.506	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/27/2021 15:30	05/28/2021 14:15	EM
7440-50-8	Copper	30.3		mg/kg dry	2.02	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/27/2021 15:30	05/28/2021 14:15	EM
7439-92-1	Lead	44.8		mg/kg dry	0.506	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/27/2021 15:30	05/28/2021 14:15	EM
7439-96-5	Manganese	610		mg/kg dry	0.506	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/27/2021 15:30	05/28/2021 14:15	EM
7440-02-0	Nickel	25.5		mg/kg dry	1.01	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/27/2021 15:30	05/28/2021 14:15	EM
7782-49-2	Selenium	ND		mg/kg dry	2.53	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/27/2021 15:30	05/28/2021 14:15	EM
7440-22-4	Silver	ND		mg/kg dry	0.506	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/27/2021 15:30	05/28/2021 14:15	EM
7440-66-6	Zinc	76.2		mg/kg dry	2.53	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/27/2021 15:30	05/28/2021 14:15	EM

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	0.0639		mg/kg dry	0.0304	1	EPA 7473 Certifications: CTDOH,NJDEP,NELAC-NY10854,PADEP	05/27/2021 17:24	05/27/2021 18:02	AD

Chromium, Hexavalent

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND		mg/kg dry	0.506	1	EPA 7196A Certifications: NJDEP,CTDOH,NELAC-NY10854,PADEP	05/21/2021 07:29	05/21/2021 12:42	OT

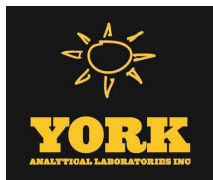
Chromium, Trivalent

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

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: Comp 1 20210519

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Chromium, Trivalent

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
16065-83-1	* Chromium, Trivalent	17.8		mg/kg	0.500	1	Calculation Certifications:	05/27/2021 11:07	05/28/2021 16:37	PAM

Cyanide, Total

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation Soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-12-5	Cyanide, total	ND		mg/kg dry	0.506	1	EPA 9014/9010C Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	05/21/2021 13:54	05/21/2021 20:28	MAO

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	98.8		%	0.100	1	SM 2540G Certifications: CTDOH	05/21/2021 08:15	05/21/2021 12:52	SK

Sample Information

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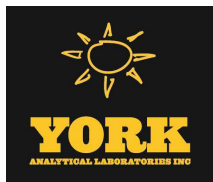
Semi-Volatiles, NYSDEC Part 375

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3546 SVOA

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		ug/kg dry	43.1	85.9	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 13:13	KH
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		ug/kg dry	85.9	172	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 13:13	KH
58-90-2	2,3,4,6-Tetrachlorophenol	ND		ug/kg dry	85.9	172	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 13:13	KH
95-95-4	2,4,5-Trichlorophenol	ND		ug/kg dry	43.1	85.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 13:13	KH
88-06-2	2,4,6-Trichlorophenol	ND		ug/kg dry	43.1	85.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 13:13	KH
120-83-2	2,4-Dichlorophenol	ND		ug/kg dry	43.1	85.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 13:13	KH
105-67-9	2,4-Dimethylphenol	ND		ug/kg dry	43.1	85.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 13:13	KH



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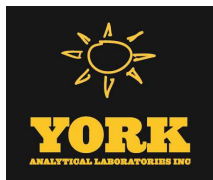
Semi-Volatiles, NYSDEC Part 375

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3546 SVOA

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
51-28-5	2,4-Dinitrophenol	ND		ug/kg dry	85.9	172	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 13:13	KH
121-14-2	2,4-Dinitrotoluene	ND		ug/kg dry	43.1	85.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 13:13	KH
606-20-2	2,6-Dinitrotoluene	ND		ug/kg dry	43.1	85.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 13:13	KH
91-58-7	2-Chloronaphthalene	ND		ug/kg dry	43.1	85.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 13:13	KH
95-57-8	2-Chlorophenol	ND		ug/kg dry	43.1	85.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 13:13	KH
91-57-6	2-Methylnaphthalene	ND		ug/kg dry	43.1	85.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 13:13	KH
95-48-7	2-Methylphenol	ND		ug/kg dry	43.1	85.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 13:13	KH
88-74-4	2-Nitroaniline	ND		ug/kg dry	85.9	172	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 13:13	KH
88-75-5	2-Nitrophenol	ND		ug/kg dry	43.1	85.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 13:13	KH
65794-96-9	3- & 4-Methylphenols	ND		ug/kg dry	43.1	85.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 13:13	KH
91-94-1	3,3-Dichlorobenzidine	ND		ug/kg dry	43.1	85.9	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 13:13	KH
99-09-2	3-Nitroaniline	ND		ug/kg dry	85.9	172	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 13:13	KH
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/kg dry	85.9	172	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 13:13	KH
101-55-3	4-Bromophenyl phenyl ether	ND		ug/kg dry	43.1	85.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 13:13	KH
59-50-7	4-Chloro-3-methylphenol	ND		ug/kg dry	43.1	85.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 13:13	KH
106-47-8	4-Chloroaniline	ND		ug/kg dry	43.1	85.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 13:13	KH
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/kg dry	43.1	85.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 13:13	KH
100-01-6	4-Nitroaniline	ND		ug/kg dry	85.9	172	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 13:13	KH
100-02-7	4-Nitrophenol	ND		ug/kg dry	85.9	172	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 13:13	KH
83-32-9	Acenaphthene	ND		ug/kg dry	43.1	85.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 13:13	KH
208-96-8	Acenaphthylene	ND		ug/kg dry	43.1	85.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 13:13	KH
98-86-2	Acetophenone	ND		ug/kg dry	43.1	85.9	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 13:13	KH
120-12-7	Anthracene	ND		ug/kg dry	43.1	85.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 13:13	KH



Sample Information

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York Sample ID: 21E0875-28

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21E0875

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May 19, 2021 11:35 am

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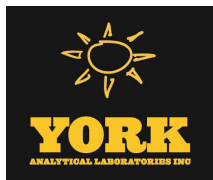
Semi-Volatiles, NYSDEC Part 375

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3546 SVOA

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
1912-24-9	Atrazine	ND		ug/kg dry	43.1	85.9	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 13:13	KH
100-52-7	Benzaldehyde	ND		ug/kg dry	43.1	85.9	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 13:13	KH
56-55-3	Benzo(a)anthracene	69.4	J	ug/kg dry	43.1	85.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 13:13	KH
50-32-8	Benzo(a)pyrene	65.9	J	ug/kg dry	43.1	85.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 13:13	KH
205-99-2	Benzo(b)fluoranthene	54.9	J	ug/kg dry	43.1	85.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 13:13	KH
191-24-2	Benzo(g,h,i)perylene	44.6	J	ug/kg dry	43.1	85.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 13:13	KH
207-08-9	Benzo(k)fluoranthene	61.8	J	ug/kg dry	43.1	85.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 13:13	KH
85-68-7	Benzyl butyl phthalate	ND		ug/kg dry	43.1	85.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 13:13	KH
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/kg dry	43.1	85.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 13:13	KH
111-44-4	Bis(2-chloroethyl)ether	ND		ug/kg dry	43.1	85.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 13:13	KH
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/kg dry	43.1	85.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 13:13	KH
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/kg dry	43.1	85.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 13:13	KH
105-60-2	Caprolactam	ND		ug/kg dry	85.9	172	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 13:13	KH
86-74-8	Carbazole	ND		ug/kg dry	43.1	85.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 13:13	KH
218-01-9	Chrysene	71.4	J	ug/kg dry	43.1	85.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 13:13	KH
53-70-3	Dibenzo(a,h)anthracene	ND		ug/kg dry	43.1	85.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 13:13	KH
132-64-9	Dibenzofuran	ND		ug/kg dry	43.1	85.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 13:13	KH
84-66-2	Diethyl phthalate	ND		ug/kg dry	43.1	85.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 13:13	KH
131-11-3	Dimethyl phthalate	ND		ug/kg dry	43.1	85.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 13:13	KH
84-74-2	Di-n-butyl phthalate	ND		ug/kg dry	43.1	85.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 13:13	KH
117-84-0	Di-n-octyl phthalate	ND		ug/kg dry	43.1	85.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 13:13	KH
206-44-0	Fluoranthene	111		ug/kg dry	43.1	85.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 13:13	KH
86-73-7	Fluorene	ND		ug/kg dry	43.1	85.9	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 13:13	KH



Sample Information

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May 19, 2021 11:35 am

Date Received
05/20/2021

Semi-Volatiles, NYSDEC Part 375

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3546 SVOA

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
118-74-1	Hexachlorobenzene	ND		ug/kg dry	43.1	85.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 13:13	KH
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	43.1	85.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 13:13	KH
77-47-4	Hexachlorocyclopentadiene	ND		ug/kg dry	43.1	85.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 13:13	KH
67-72-1	Hexachloroethane	ND		ug/kg dry	43.1	85.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 13:13	KH
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/kg dry	43.1	85.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 13:13	KH
78-59-1	Isophorone	ND		ug/kg dry	43.1	85.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 13:13	KH
91-20-3	Naphthalene	ND		ug/kg dry	43.1	85.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 13:13	KH
98-95-3	Nitrobenzene	ND		ug/kg dry	43.1	85.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 13:13	KH
621-64-7	N-nitroso-di-n-propylamine	ND		ug/kg dry	43.1	85.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 13:13	KH
86-30-6	N-Nitrosodiphenylamine	ND		ug/kg dry	43.1	85.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 13:13	KH
87-86-5	Pentachlorophenol	ND		ug/kg dry	43.1	85.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 13:13	KH
85-01-8	Phenanthrene	47.4	J	ug/kg dry	43.1	85.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 13:13	KH
108-95-2	Phenol	ND		ug/kg dry	43.1	85.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 13:13	KH
129-00-0	Pyrene	108		ug/kg dry	43.1	85.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 13:13	KH
Surrogate Recoveries		Result	Acceptance Range								
367-12-4	Surrogate: SURR: 2-Fluorophenol	34.9 %	30-130								
4165-62-2	Surrogate: SURR: Phenol-d5	34.5 %	30-130								
4165-60-0	Surrogate: SURR: Nitrobenzene-d5	43.4 %	30-130								
321-60-8	Surrogate: SURR: 2-Fluorobiphenyl	32.0 %	30-130								
118-79-6	Surrogate: SURR: 2,4,6-Tribromophenol	33.4 %	30-130								
1718-51-0	Surrogate: SURR: Terphenyl-d14	39.7 %	30-130								

Semi-Volatiles, 1,4-Dioxane 8270 SIM-Soil

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
123-91-1	1,4-Dioxane	ND		ug/kg	9.80	1	EPA 8270D SIM Certifications: NELAC-NY10854	05/26/2021 07:37	05/26/2021 15:20	KH
Surrogate Recoveries		Result	Acceptance Range							



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May 19, 2021 11:35 am

Date Received
05/20/2021

Semi-Volatiles, 1,4-Dioxane 8270 SIM-Soil

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
17647-74-4	Surrogate: 1,4-Dioxane-d8	76.0 %			39-127.5					

Pesticides, NYSDEC Part 375 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		ug/kg dry	1.71	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/21/2021 14:08	05/25/2021 11:14	CM
72-55-9	4,4'-DDE	ND		ug/kg dry	1.71	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/21/2021 14:08	05/25/2021 11:14	CM
50-29-3	4,4'-DDT	ND		ug/kg dry	1.71	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/21/2021 14:08	05/25/2021 11:14	CM
309-00-2	Aldrin	ND		ug/kg dry	1.71	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/21/2021 14:08	05/25/2021 11:14	CM
319-84-6	alpha-BHC	ND		ug/kg dry	1.71	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/21/2021 14:08	05/25/2021 11:14	CM
5103-71-9	alpha-Chlordane	ND		ug/kg dry	1.71	5	EPA 8081B Certifications: NELAC-NY10854,NJDEP	05/21/2021 14:08	05/25/2021 11:14	CM
319-85-7	beta-BHC	ND		ug/kg dry	1.71	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/21/2021 14:08	05/25/2021 11:14	CM
319-86-8	delta-BHC	ND		ug/kg dry	1.71	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/21/2021 14:08	05/25/2021 11:14	CM
60-57-1	Dieldrin	ND		ug/kg dry	1.71	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/21/2021 14:08	05/25/2021 11:14	CM
959-98-8	Endosulfan I	ND		ug/kg dry	1.71	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/21/2021 14:08	05/25/2021 11:14	CM
33213-65-9	Endosulfan II	ND		ug/kg dry	1.71	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854	05/21/2021 14:08	05/25/2021 11:14	CM
1031-07-8	Endosulfan sulfate	ND		ug/kg dry	1.71	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/21/2021 14:08	05/25/2021 11:14	CM
72-20-8	Endrin	ND		ug/kg dry	1.71	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/21/2021 14:08	05/25/2021 11:14	CM
58-89-9	gamma-BHC (Lindane)	ND		ug/kg dry	1.71	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/21/2021 14:08	05/25/2021 11:14	CM
76-44-8	Heptachlor	ND		ug/kg dry	1.71	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/21/2021 14:08	05/25/2021 11:14	CM
Surrogate Recoveries		Result		Acceptance Range						
2051-24-3	Surrogate: Decachlorobiphenyl	90.6 %		30-150						
877-09-8	Surrogate: Tetrachloro-m-xylene	47.8 %		30-150						

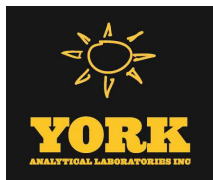
Polychlorinated Biphenyls (PCB)

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
120 RESEARCH DRIVE		STRATFORD, CT 06615		■		132-02 89th AVENUE		RICHMOND HILL, NY 11418		
www.YORKLAB.com		(203) 325-1371				FAX (203) 357-0166		ClientServices@		



Sample Information

Client Sample ID: Comp 2 20210519

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Polychlorinated Biphenyls (PCB)

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
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0173	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	05/21/2021 14:08	05/24/2021 21:07	BJ
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0173	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	05/21/2021 14:08	05/24/2021 21:07	BJ
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0173	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	05/21/2021 14:08	05/24/2021 21:07	BJ
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0173	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	05/21/2021 14:08	05/24/2021 21:07	BJ
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0173	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	05/21/2021 14:08	05/24/2021 21:07	BJ
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0173	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	05/21/2021 14:08	05/24/2021 21:07	BJ
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0173	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	05/21/2021 14:08	05/24/2021 21:07	BJ
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0173	1	EPA 8082A Certifications:	05/21/2021 14:08	05/24/2021 21:07	BJ
Surrogate Recoveries		Result	Acceptance Range							
877-09-8	Surrogate: Tetrachloro-m-xylene	83.5 %	30-120							
2051-24-3	Surrogate: Decachlorobiphenyl	55.0 %	30-120							

Herbicides, NYSDEC Part 375 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C/8151A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
93-72-1	2,4,5-TP (Silvex)	ND		ug/kg dry	21.0	1	EPA 8151A Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/26/2021 07:34	05/26/2021 18:22	BJ
Surrogate Recoveries		Result	Acceptance Range							
19719-28-9	Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)	70.4 %	21-150							

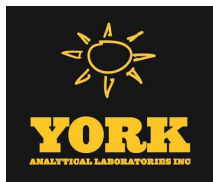
Metals, NYSDEC Part 375

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	8.25		mg/kg dry	1.59	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/27/2021 15:30	05/28/2021 14:19	EM
7440-39-3	Barium	74.0		mg/kg dry	2.64	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/27/2021 15:30	05/28/2021 14:19	EM
7440-41-7	Beryllium	0.107		mg/kg dry	0.053	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/27/2021 15:30	05/28/2021 14:19	EM
7440-43-9	Cadmium	ND		mg/kg dry	0.317	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/27/2021 15:30	05/28/2021 14:19	EM



Sample Information

Client Sample ID: Comp 2 20210519

York Sample ID: 21E0875-28

York Project (SDG) No.

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Metals, NYSDEC Part 375

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
7440-47-3	Chromium	19.1		mg/kg dry	0.529	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/27/2021 15:30	05/28/2021 14:19	EM
7440-50-8	Copper	934		mg/kg dry	2.12	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/27/2021 15:30	05/28/2021 14:19	EM
7439-92-1	Lead	134		mg/kg dry	0.529	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/27/2021 15:30	05/28/2021 14:19	EM
7439-96-5	Manganese	591		mg/kg dry	0.529	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/27/2021 15:30	05/28/2021 14:19	EM
7440-02-0	Nickel	27.6		mg/kg dry	1.06	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/27/2021 15:30	05/28/2021 14:19	EM
7782-49-2	Selenium	ND		mg/kg dry	2.64	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/27/2021 15:30	05/28/2021 14:19	EM
7440-22-4	Silver	ND		mg/kg dry	0.529	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/27/2021 15:30	05/28/2021 14:19	EM
7440-66-6	Zinc	82.0		mg/kg dry	2.64	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/27/2021 15:30	05/28/2021 14:19	EM

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	0.0656		mg/kg dry	0.0317	1	EPA 7473 Certifications: CTDOH,NJDEP,NELAC-NY10854,PADEP	05/27/2021 17:24	05/27/2021 19:46	AD

Chromium, Hexavalent

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND		mg/kg dry	0.529	1	EPA 7196A Certifications: NJDEP,CTDOH,NELAC-NY10854,PADEP	05/21/2021 07:29	05/21/2021 12:42	OT

Chromium, Trivalent

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
16065-83-1	* Chromium, Trivalent	19.1		mg/kg	0.500	1	Calculation Certifications:	05/27/2021 11:07	05/28/2021 16:37	PAM

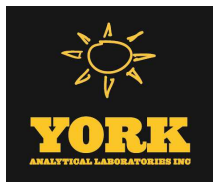
Cyanide, Total

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation Soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-12-5	Cyanide, total	ND		mg/kg dry	0.529	1	EPA 9014/9010C Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	05/21/2021 13:54	05/21/2021 20:28	MAO



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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	94.6		%	0.100	1	SM 2540G Certifications: CTDH	05/21/2021 08:15	05/21/2021 12:52	SK

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Semi-Volatiles, NYSDEC Part 375

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3546 SVOA

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		ug/kg dry	43.0	85.8	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 16:46	KH
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		ug/kg dry	85.8	171	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 16:46	KH
58-90-2	2,3,4,6-Tetrachlorophenol	ND		ug/kg dry	85.8	171	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 16:46	KH
95-95-4	2,4,5-Trichlorophenol	ND		ug/kg dry	43.0	85.8	2	EPA 8270D Certifications: CTDH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 16:46	KH
88-06-2	2,4,6-Trichlorophenol	ND		ug/kg dry	43.0	85.8	2	EPA 8270D Certifications: CTDH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 16:46	KH
120-83-2	2,4-Dichlorophenol	ND		ug/kg dry	43.0	85.8	2	EPA 8270D Certifications: CTDH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 16:46	KH
105-67-9	2,4-Dimethylphenol	ND		ug/kg dry	43.0	85.8	2	EPA 8270D Certifications: CTDH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 16:46	KH
51-28-5	2,4-Dinitrophenol	ND		ug/kg dry	85.8	171	2	EPA 8270D Certifications: CTDH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 16:46	KH
121-14-2	2,4-Dinitrotoluene	ND		ug/kg dry	43.0	85.8	2	EPA 8270D Certifications: CTDH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 16:46	KH
606-20-2	2,6-Dinitrotoluene	ND		ug/kg dry	43.0	85.8	2	EPA 8270D Certifications: CTDH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 16:46	KH
91-58-7	2-Chloronaphthalene	ND		ug/kg dry	43.0	85.8	2	EPA 8270D Certifications: CTDH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 16:46	KH
95-57-8	2-Chlorophenol	ND		ug/kg dry	43.0	85.8	2	EPA 8270D Certifications: CTDH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 16:46	KH
91-57-6	2-Methylnaphthalene	ND		ug/kg dry	43.0	85.8	2	EPA 8270D Certifications: CTDH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 16:46	KH
95-48-7	2-Methylphenol	ND		ug/kg dry	43.0	85.8	2	EPA 8270D Certifications: CTDH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 16:46	KH



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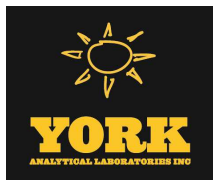
Semi-Volatiles, NYSDEC Part 375

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3546 SVOA

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
88-74-4	2-Nitroaniline	ND		ug/kg dry	85.8	171	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 16:46	KH
88-75-5	2-Nitrophenol	ND		ug/kg dry	43.0	85.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 16:46	KH
65794-96-9	3- & 4-Methylphenols	ND		ug/kg dry	43.0	85.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 16:46	KH
91-94-1	3,3-Dichlorobenzidine	ND		ug/kg dry	43.0	85.8	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 16:46	KH
99-09-2	3-Nitroaniline	ND		ug/kg dry	85.8	171	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 16:46	KH
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/kg dry	85.8	171	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 16:46	KH
101-55-3	4-Bromophenyl phenyl ether	ND		ug/kg dry	43.0	85.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 16:46	KH
59-50-7	4-Chloro-3-methylphenol	ND		ug/kg dry	43.0	85.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 16:46	KH
106-47-8	4-Chloroaniline	ND		ug/kg dry	43.0	85.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 16:46	KH
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/kg dry	43.0	85.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 16:46	KH
100-01-6	4-Nitroaniline	ND		ug/kg dry	85.8	171	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 16:46	KH
100-02-7	4-Nitrophenol	ND		ug/kg dry	85.8	171	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 16:46	KH
83-32-9	Acenaphthene	ND		ug/kg dry	43.0	85.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 16:46	KH
208-96-8	Acenaphthylene	ND		ug/kg dry	43.0	85.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 16:46	KH
98-86-2	Acetophenone	ND		ug/kg dry	43.0	85.8	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 16:46	KH
120-12-7	Anthracene	ND		ug/kg dry	43.0	85.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 16:46	KH
1912-24-9	Atrazine	ND		ug/kg dry	43.0	85.8	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 16:46	KH
100-52-7	Benzaldehyde	ND		ug/kg dry	43.0	85.8	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 16:46	KH
56-55-3	Benzo(a)anthracene	107		ug/kg dry	43.0	85.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 16:46	KH
50-32-8	Benzo(a)pyrene	124		ug/kg dry	43.0	85.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 16:46	KH
205-99-2	Benzo(b)fluoranthene	93.2		ug/kg dry	43.0	85.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 16:46	KH
191-24-2	Benzo(g,h,i)perylene	100		ug/kg dry	43.0	85.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 16:46	KH
207-08-9	Benzo(k)fluoranthene	112		ug/kg dry	43.0	85.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 16:46	KH



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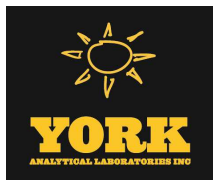
Semi-Volatiles, NYSDEC Part 375

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3546 SVOA

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
85-68-7	Benzyl butyl phthalate	ND		ug/kg dry	43.0	85.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 16:46	KH
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/kg dry	43.0	85.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 16:46	KH
111-44-4	Bis(2-chloroethyl)ether	ND		ug/kg dry	43.0	85.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 16:46	KH
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/kg dry	43.0	85.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 16:46	KH
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/kg dry	43.0	85.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 16:46	KH
105-60-2	Caprolactam	ND		ug/kg dry	85.8	171	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 16:46	KH
86-74-8	Carbazole	ND		ug/kg dry	43.0	85.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 16:46	KH
218-01-9	Chrysene	118		ug/kg dry	43.0	85.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 16:46	KH
53-70-3	Dibenzo(a,h)anthracene	ND		ug/kg dry	43.0	85.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 16:46	KH
132-64-9	Dibenzofuran	ND		ug/kg dry	43.0	85.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 16:46	KH
84-66-2	Diethyl phthalate	ND		ug/kg dry	43.0	85.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 16:46	KH
131-11-3	Dimethyl phthalate	ND		ug/kg dry	43.0	85.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 16:46	KH
84-74-2	Di-n-butyl phthalate	ND		ug/kg dry	43.0	85.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 16:46	KH
117-84-0	Di-n-octyl phthalate	ND		ug/kg dry	43.0	85.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 16:46	KH
206-44-0	Fluoranthene	191		ug/kg dry	43.0	85.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 16:46	KH
86-73-7	Fluorene	ND		ug/kg dry	43.0	85.8	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 16:46	KH
118-74-1	Hexachlorobenzene	ND		ug/kg dry	43.0	85.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 16:46	KH
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	43.0	85.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 16:46	KH
77-47-4	Hexachlorocyclopentadiene	ND		ug/kg dry	43.0	85.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 16:46	KH
67-72-1	Hexachloroethane	ND		ug/kg dry	43.0	85.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 16:46	KH
193-39-5	Indeno(1,2,3-cd)pyrene	93.2		ug/kg dry	43.0	85.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 16:46	KH
78-59-1	Isophorone	ND		ug/kg dry	43.0	85.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 16:46	KH
91-20-3	Naphthalene	ND		ug/kg dry	43.0	85.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 16:46	KH



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Date Received
05/20/2021

Semi-Volatiles, NYSDEC Part 375

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3546 SVOA

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
98-95-3	Nitrobenzene	ND		ug/kg dry	43.0	85.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 16:46	KH
621-64-7	N-nitroso-di-n-propylamine	ND		ug/kg dry	43.0	85.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 16:46	KH
86-30-6	N-Nitrosodiphenylamine	ND		ug/kg dry	43.0	85.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 16:46	KH
87-86-5	Pentachlorophenol	ND		ug/kg dry	43.0	85.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 16:46	KH
85-01-8	Phenanthrene	96.7		ug/kg dry	43.0	85.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 16:46	KH
108-95-2	Phenol	ND		ug/kg dry	43.0	85.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 16:46	KH
129-00-0	Pyrene	173		ug/kg dry	43.0	85.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 16:46	KH
Surrogate Recoveries		Result		Acceptance Range							
367-12-4	Surrogate: SURR: 2-Fluorophenol	39.8 %		30-130							
4165-62-2	Surrogate: SURR: Phenol-d5	41.9 %		30-130							
4165-60-0	Surrogate: SURR: Nitrobenzene-d5	41.0 %		30-130							
321-60-8	Surrogate: SURR: 2-Fluorobiphenyl	42.6 %		30-130							
118-79-6	Surrogate: SURR: 2,4,6-Tribromophenol	43.0 %		30-130							
1718-51-0	Surrogate: SURR: Terphenyl-d14	46.2 %		30-130							

Semi-Volatiles, 1,4-Dioxane 8270 SIM-Soil

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
123-91-1	1,4-Dioxane		ND		ug/kg	9.80	1	EPA 8270D SIM Certifications: NELAC-NY10854	05/26/2021 07:37	05/26/2021 15:37	KH
		Surrogate Recoveries	Result		Acceptance Range						
17647-74-4	Surrogate: 1,4-Dioxane-d8		58.0 %		39-127.5						

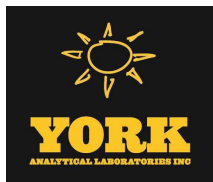
Pesticides, NYSDEC Part 375 Target List

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		ug/kg dry	1.67	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/21/2021 14:08	05/25/2021 11:30	CM
72-55-9	4,4'-DDE	ND		ug/kg dry	1.67	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/21/2021 14:08	05/25/2021 11:30	CM
50-29-3	4,4'-DDT	ND		ug/kg dry	1.67	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/21/2021 14:08	05/25/2021 11:30	CM



Sample Information

Client Sample ID: Comp 3 20210519

York Sample ID: 21E0875-29

York Project (SDG) No.

21E0875

Client Project ID

560909-Onekey

Matrix

Soil

Collection Date/Time

May 19, 2021 11:40 am

Date Received

05/20/2021

Pesticides, NYSDEC Part 375 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
309-00-2	Aldrin	ND		ug/kg dry	1.67	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/21/2021 14:08	05/25/2021 11:30	CM
319-84-6	alpha-BHC	ND		ug/kg dry	1.67	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/21/2021 14:08	05/25/2021 11:30	CM
5103-71-9	alpha-Chlordane	ND		ug/kg dry	1.67	5	EPA 8081B Certifications: NELAC-NY10854,NJDEP	05/21/2021 14:08	05/25/2021 11:30	CM
319-85-7	beta-BHC	ND		ug/kg dry	1.67	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/21/2021 14:08	05/25/2021 11:30	CM
319-86-8	delta-BHC	ND		ug/kg dry	1.67	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/21/2021 14:08	05/25/2021 11:30	CM
60-57-1	Dieldrin	ND		ug/kg dry	1.67	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/21/2021 14:08	05/25/2021 11:30	CM
959-98-8	Endosulfan I	ND		ug/kg dry	1.67	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/21/2021 14:08	05/25/2021 11:30	CM
33213-65-9	Endosulfan II	ND		ug/kg dry	1.67	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854	05/21/2021 14:08	05/25/2021 11:30	CM
1031-07-8	Endosulfan sulfate	ND		ug/kg dry	1.67	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/21/2021 14:08	05/25/2021 11:30	CM
72-20-8	Endrin	ND		ug/kg dry	1.67	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/21/2021 14:08	05/25/2021 11:30	CM
58-89-9	gamma-BHC (Lindane)	ND		ug/kg dry	1.67	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/21/2021 14:08	05/25/2021 11:30	CM
76-44-8	Heptachlor	ND		ug/kg dry	1.67	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/21/2021 14:08	05/25/2021 11:30	CM
Surrogate Recoveries		Result		Acceptance Range						
2051-24-3	Surrogate: Decachlorobiphenyl	83.4 %		30-150						
877-09-8	Surrogate: Tetrachloro-m-xylene	49.1 %		30-150						

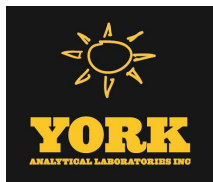
Polychlorinated Biphenyls (PCB)

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
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0169	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	05/21/2021 14:08	05/24/2021 21:20	BJ
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0169	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	05/21/2021 14:08	05/24/2021 21:20	BJ
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0169	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	05/21/2021 14:08	05/24/2021 21:20	BJ
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0169	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	05/21/2021 14:08	05/24/2021 21:20	BJ
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0169	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	05/21/2021 14:08	05/24/2021 21:20	BJ
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0169	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	05/21/2021 14:08	05/24/2021 21:20	BJ



Sample Information

Client Sample ID: Comp 3 20210519

York Sample ID: 21E0875-29

York Project (SDG) No.

21E0875

Client Project ID

560909-Onekey

Matrix

Soil

Collection Date/Time

May 19, 2021 11:40 am

Date Received

05/20/2021

Polychlorinated Biphenyls (PCB)

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
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0169	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	05/21/2021 14:08	05/24/2021 21:20	BJ
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0169	1	EPA 8082A Certifications:	05/21/2021 14:08	05/24/2021 21:20	BJ
Surrogate Recoveries		Result		Acceptance Range						
877-09-8	Surrogate: Tetrachloro-m-xylene	78.5 %		30-120						
2051-24-3	Surrogate: Decachlorobiphenyl	52.0 %		30-120						

Herbicides, NYSDEC Part 375 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C/8151A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
93-72-1	2,4,5-TP (Silvex)	ND		ug/kg dry	20.7	1	EPA 8151A Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/26/2021 07:34	05/26/2021 18:33	BJ
Surrogate Recoveries		Result		Acceptance Range						
19719-28-9	Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)	62.2 %		21-150						

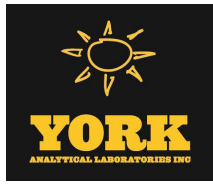
Metals, NYSDEC Part 375

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	5.10		mg/kg dry	1.56	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/27/2021 15:30	05/28/2021 14:30	EM
7440-39-3	Barium	66.6		mg/kg dry	2.61	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/27/2021 15:30	05/28/2021 14:30	EM
7440-41-7	Beryllium	ND		mg/kg dry	0.052	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/27/2021 15:30	05/28/2021 14:30	EM
7440-43-9	Cadmium	ND		mg/kg dry	0.313	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/27/2021 15:30	05/28/2021 14:30	EM
7440-47-3	Chromium	14.7		mg/kg dry	0.521	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/27/2021 15:30	05/28/2021 14:30	EM
7440-50-8	Copper	26.1		mg/kg dry	2.08	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/27/2021 15:30	05/28/2021 14:30	EM
7439-92-1	Lead	33.3		mg/kg dry	0.521	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/27/2021 15:30	05/28/2021 14:30	EM
7439-96-5	Manganese	686		mg/kg dry	0.521	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/27/2021 15:30	05/28/2021 14:30	EM
7440-02-0	Nickel	23.3		mg/kg dry	1.04	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/27/2021 15:30	05/28/2021 14:30	EM
7782-49-2	Selenium	ND		mg/kg dry	2.61	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/27/2021 15:30	05/28/2021 14:30	EM



Sample Information

Client Sample ID: Comp 3 20210519

York Sample ID: 21E0875-29

York Project (SDG) No.

21E0875

Client Project ID

560909-Onekey

Matrix

Soil

Collection Date/Time

May 19, 2021 11:40 am

Date Received

05/20/2021

Metals, NYSDEC Part 375

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
7440-22-4	Silver	ND		mg/kg dry	0.521	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/27/2021 15:30	05/28/2021 14:30	EM
7440-66-6	Zinc	79.1		mg/kg dry	2.61	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/27/2021 15:30	05/28/2021 14:30	EM

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	0.0744		mg/kg dry	0.0313	1	EPA 7473 Certifications: CTDOH,NJDEP,NELAC-NY10854,PADEP	05/27/2021 17:24	05/27/2021 18:26	AD

Chromium, Hexavalent

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND		mg/kg dry	0.521	1	EPA 7196A Certifications: NJDEP,CTDOH,NELAC-NY10854,PADEP	05/21/2021 07:29	05/21/2021 12:42	OT

Chromium, Trivalent

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
16065-83-1	* Chromium, Trivalent	14.7		mg/kg	0.500	1	Calculation Certifications:	05/27/2021 11:07	05/28/2021 16:37	PAM

Cyanide, Total

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation Soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-12-5	Cyanide, total	ND		mg/kg dry	0.521	1	EPA 9014/9010C Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	05/21/2021 13:54	05/21/2021 20:28	MAO

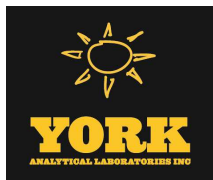
Total Solids

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	96.0		%	0.100	1	SM 2540G Certifications: CTDOH	05/21/2021 08:15	05/21/2021 12:52	SK



Sample Information

Client Sample ID: Comp 4 20210519

York Sample ID: 21E0875-30

York Project (SDG) No.
21E0875

Client Project ID
560909-Onekey

Matrix
Soil

Collection Date/Time
May 19, 2021 11:45 am

Date Received
05/20/2021

Semi-Volatiles, NYSDEC Part 375

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3546 SVOA

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		ug/kg dry	43.0	85.9	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 17:19	KH
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		ug/kg dry	85.9	172	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 17:19	KH
58-90-2	2,3,4,6-Tetrachlorophenol	ND		ug/kg dry	85.9	172	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 17:19	KH
95-95-4	2,4,5-Trichlorophenol	ND		ug/kg dry	43.0	85.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 17:19	KH
88-06-2	2,4,6-Trichlorophenol	ND		ug/kg dry	43.0	85.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 17:19	KH
120-83-2	2,4-Dichlorophenol	ND		ug/kg dry	43.0	85.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 17:19	KH
105-67-9	2,4-Dimethylphenol	ND		ug/kg dry	43.0	85.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 17:19	KH
51-28-5	2,4-Dinitrophenol	ND		ug/kg dry	85.9	172	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 17:19	KH
121-14-2	2,4-Dinitrotoluene	ND		ug/kg dry	43.0	85.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 17:19	KH
606-20-2	2,6-Dinitrotoluene	ND		ug/kg dry	43.0	85.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 17:19	KH
91-58-7	2-Chloronaphthalene	ND		ug/kg dry	43.0	85.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 17:19	KH
95-57-8	2-Chlorophenol	ND		ug/kg dry	43.0	85.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 17:19	KH
91-57-6	2-Methylnaphthalene	ND		ug/kg dry	43.0	85.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 17:19	KH
95-48-7	2-Methylphenol	ND		ug/kg dry	43.0	85.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 17:19	KH
88-74-4	2-Nitroaniline	ND		ug/kg dry	85.9	172	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 17:19	KH
88-75-5	2-Nitrophenol	ND		ug/kg dry	43.0	85.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 17:19	KH
65794-96-9	3- & 4-Methylphenols	ND		ug/kg dry	43.0	85.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 17:19	KH
91-94-1	3,3-Dichlorobenzidine	ND		ug/kg dry	43.0	85.9	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 17:19	KH
99-09-2	3-Nitroaniline	ND		ug/kg dry	85.9	172	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 17:19	KH
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/kg dry	85.9	172	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 17:19	KH
101-55-3	4-Bromophenyl phenyl ether	ND		ug/kg dry	43.0	85.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 17:19	KH
59-50-7	4-Chloro-3-methylphenol	ND		ug/kg dry	43.0	85.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 17:19	KH
106-47-8	4-Chloroaniline	ND		ug/kg dry	43.0	85.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 17:19	KH



Sample Information

Client Sample ID: Comp 4 20210519

York Sample ID: 21E0875-30

York Project (SDG) No.
21E0875

Client Project ID
560909-Onekey

Matrix
Soil

Collection Date/Time
May 19, 2021 11:45 am

Date Received
05/20/2021

Semi-Volatiles, NYSDEC Part 375

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3546 SVOA

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/kg dry	43.0	85.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 17:19	KH
100-01-6	4-Nitroaniline	ND		ug/kg dry	85.9	172	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 17:19	KH
100-02-7	4-Nitrophenol	ND		ug/kg dry	85.9	172	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 17:19	KH
83-32-9	Acenaphthene	ND		ug/kg dry	43.0	85.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 17:19	KH
208-96-8	Acenaphthylene	ND		ug/kg dry	43.0	85.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 17:19	KH
98-86-2	Acetophenone	ND		ug/kg dry	43.0	85.9	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 17:19	KH
120-12-7	Anthracene	112		ug/kg dry	43.0	85.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 17:19	KH
1912-24-9	Atrazine	ND		ug/kg dry	43.0	85.9	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 17:19	KH
100-52-7	Benzaldehyde	ND		ug/kg dry	43.0	85.9	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 17:19	KH
56-55-3	Benzo(a)anthracene	156		ug/kg dry	43.0	85.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 17:19	KH
50-32-8	Benzo(a)pyrene	162		ug/kg dry	43.0	85.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 17:19	KH
205-99-2	Benzo(b)fluoranthene	146		ug/kg dry	43.0	85.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 17:19	KH
191-24-2	Benzo(g,h,i)perylene	141		ug/kg dry	43.0	85.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 17:19	KH
207-08-9	Benzo(k)fluoranthene	143		ug/kg dry	43.0	85.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 17:19	KH
85-68-7	Benzyl butyl phthalate	ND		ug/kg dry	43.0	85.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 17:19	KH
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/kg dry	43.0	85.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 17:19	KH
111-44-4	Bis(2-chloroethyl)ether	ND		ug/kg dry	43.0	85.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 17:19	KH
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/kg dry	43.0	85.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 17:19	KH
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/kg dry	43.0	85.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 17:19	KH
105-60-2	Caprolactam	ND		ug/kg dry	85.9	172	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 17:19	KH
86-74-8	Carbazole	ND		ug/kg dry	43.0	85.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 17:19	KH
218-01-9	Chrysene	161		ug/kg dry	43.0	85.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 17:19	KH
53-70-3	Dibenzo(a,h)anthracene	ND		ug/kg dry	43.0	85.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 17:19	KH



Sample Information

Client Sample ID: Comp 4 20210519

York Sample ID: 21E0875-30

York Project (SDG) No.
21E0875

Client Project ID
560909-Onekey

Matrix
Soil

Collection Date/Time
May 19, 2021 11:45 am

Date Received
05/20/2021

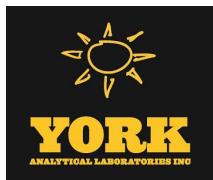
Semi-Volatiles, NYSDEC Part 375

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3546 SVOA

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
132-64-9	Dibenzofuran	ND		ug/kg dry	43.0	85.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 17:19	KH
84-66-2	Diethyl phthalate	ND		ug/kg dry	43.0	85.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 17:19	KH
131-11-3	Dimethyl phthalate	ND		ug/kg dry	43.0	85.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 17:19	KH
84-74-2	Di-n-butyl phthalate	ND		ug/kg dry	43.0	85.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 17:19	KH
117-84-0	Di-n-octyl phthalate	ND		ug/kg dry	43.0	85.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 17:19	KH
206-44-0	Fluoranthene	265		ug/kg dry	43.0	85.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 17:19	KH
86-73-7	Fluorene	ND		ug/kg dry	43.0	85.9	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 17:19	KH
118-74-1	Hexachlorobenzene	ND		ug/kg dry	43.0	85.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 17:19	KH
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	43.0	85.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 17:19	KH
77-47-4	Hexachlorocyclopentadiene	ND		ug/kg dry	43.0	85.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 17:19	KH
67-72-1	Hexachloroethane	ND		ug/kg dry	43.0	85.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 17:19	KH
193-39-5	Indeno(1,2,3-cd)pyrene	146		ug/kg dry	43.0	85.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 17:19	KH
78-59-1	Isophorone	ND		ug/kg dry	43.0	85.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 17:19	KH
91-20-3	Naphthalene	ND		ug/kg dry	43.0	85.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 17:19	KH
98-95-3	Nitrobenzene	ND		ug/kg dry	43.0	85.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 17:19	KH
621-64-7	N-nitroso-di-n-propylamine	ND		ug/kg dry	43.0	85.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 17:19	KH
86-30-6	N-Nitrosodiphenylamine	ND		ug/kg dry	43.0	85.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 17:19	KH
87-86-5	Pentachlorophenol	ND		ug/kg dry	43.0	85.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 17:19	KH
85-01-8	Phenanthrene	116		ug/kg dry	43.0	85.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 17:19	KH
108-95-2	Phenol	ND		ug/kg dry	43.0	85.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 17:19	KH
129-00-0	Pyrene	240		ug/kg dry	43.0	85.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 17:19	KH
Surrogate Recoveries		Result	Acceptance Range								
367-12-4	Surrogate: SURR: 2-Fluorophenol	44.3 %	30-130								
4165-62-2	Surrogate: SURR: Phenol-d5	48.8 %	30-130								
4165-60-0	Surrogate: SURR: Nitrobenzene-d5	45.4 %	30-130								



Sample Information

Client Sample ID: Comp 4 20210519

York Sample ID: 21E0875-30

York Project (SDG) No.
21E0875

Client Project ID
560909-Onekey

Matrix
Soil

Collection Date/Time
May 19, 2021 11:45 am

Date Received
05/20/2021

Semi-Volatiles, NYSDEC Part 375

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3546 SVOA

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
321-60-8	Surrogate: SURR: 2-Fluorobiphenyl	50.1 %			30-130						
118-79-6	Surrogate: SURR: 2,4,6-Tribromophenol	50.8 %			30-130						
1718-51-0	Surrogate: SURR: Terphenyl-d14	52.1 %			30-130						

Semi-Volatiles, 1,4-Dioxane 8270 SIM-Soil

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
123-91-1	1,4-Dioxane	ND		ug/kg	9.80	1	EPA 8270D SIM Certifications: NELAC-NY10854	05/26/2021 07:37	05/26/2021 15:54	KH
Surrogate Recoveries		Result		Acceptance Range						
17647-74-4	Surrogate: 1,4-Dioxane-d8	58.0 %			39-127.5					

Pesticides, NYSDEC Part 375 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		ug/kg dry	1.70	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/21/2021 14:08	05/25/2021 15:55	CM
72-55-9	4,4'-DDE	ND		ug/kg dry	1.70	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/21/2021 14:08	05/25/2021 15:55	CM
50-29-3	4,4'-DDT	ND		ug/kg dry	1.70	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/21/2021 14:08	05/25/2021 15:55	CM
309-00-2	Aldrin	ND		ug/kg dry	1.70	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/21/2021 14:08	05/25/2021 15:55	CM
319-84-6	alpha-BHC	ND		ug/kg dry	1.70	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/21/2021 14:08	05/25/2021 15:55	CM
5103-71-9	alpha-Chlordane	ND		ug/kg dry	1.70	5	EPA 8081B Certifications: NELAC-NY10854,NJDEP	05/21/2021 14:08	05/25/2021 15:55	CM
319-85-7	beta-BHC	ND		ug/kg dry	1.70	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/21/2021 14:08	05/25/2021 15:55	CM
319-86-8	delta-BHC	ND		ug/kg dry	1.70	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/21/2021 14:08	05/25/2021 15:55	CM
60-57-1	Dieldrin	ND		ug/kg dry	1.70	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/21/2021 14:08	05/25/2021 15:55	CM
959-98-8	Endosulfan I	ND		ug/kg dry	1.70	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/21/2021 14:08	05/25/2021 15:55	CM
33213-65-9	Endosulfan II	ND		ug/kg dry	1.70	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854	05/21/2021 14:08	05/25/2021 15:55	CM
1031-07-8	Endosulfan sulfate	ND		ug/kg dry	1.70	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/21/2021 14:08	05/25/2021 15:55	CM
72-20-8	Endrin	ND		ug/kg dry	1.70	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/21/2021 14:08	05/25/2021 15:55	CM



Sample Information

Client Sample ID: Comp 4 20210519

York Sample ID: 21E0875-30

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May 19, 2021 11:45 am

Date Received
05/20/2021

Pesticides, NYSDEC Part 375 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
58-89-9	gamma-BHC (Lindane)	ND		ug/kg dry	1.70	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/21/2021 14:08	05/25/2021 15:55	CM
76-44-8	Heptachlor	ND		ug/kg dry	1.70	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/21/2021 14:08	05/25/2021 15:55	CM
Surrogate Recoveries		Result		Acceptance Range						
2051-24-3	Surrogate: Decachlorobiphenyl	93.6 %		30-150						
877-09-8	Surrogate: Tetrachloro-m-xylene	57.5 %		30-150						

Polychlorinated Biphenyls (PCB)

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
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0172	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	05/21/2021 14:08	05/24/2021 21:34	BJ
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0172	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	05/21/2021 14:08	05/24/2021 21:34	BJ
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0172	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	05/21/2021 14:08	05/24/2021 21:34	BJ
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0172	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	05/21/2021 14:08	05/24/2021 21:34	BJ
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0172	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	05/21/2021 14:08	05/24/2021 21:34	BJ
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0172	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	05/21/2021 14:08	05/24/2021 21:34	BJ
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0172	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	05/21/2021 14:08	05/24/2021 21:34	BJ
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0172	1	EPA 8082A Certifications:	05/21/2021 14:08	05/24/2021 21:34	BJ
Surrogate Recoveries		Result		Acceptance Range						
877-09-8	Surrogate: Tetrachloro-m-xylene	83.0 %		30-120						
2051-24-3	Surrogate: Decachlorobiphenyl	53.5 %		30-120						

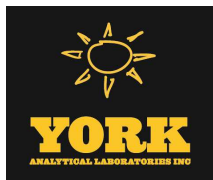
Herbicides, NYSDEC Part 375 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C/8151A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
93-72-1	2,4,5-TP (Silvex)	ND		ug/kg dry	20.7	1	EPA 8151A Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/26/2021 07:34	05/26/2021 18:44	BJ
Surrogate Recoveries		Result		Acceptance Range						
19719-28-9	Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)	68.0 %		21-150						



Sample Information

Client Sample ID: Comp 4 20210519

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Matrix
Soil

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May 19, 2021 11:45 am

Date Received
05/20/2021

Metals, NYSDEC Part 375

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	6.63		mg/kg dry	1.57	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/27/2021 15:30	05/28/2021 14:33	EM
7440-39-3	Barium	75.0		mg/kg dry	2.61	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/27/2021 15:30	05/28/2021 14:33	EM
7440-41-7	Beryllium	ND		mg/kg dry	0.052	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/27/2021 15:30	05/28/2021 14:33	EM
7440-43-9	Cadmium	ND		mg/kg dry	0.313	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/27/2021 15:30	05/28/2021 14:33	EM
7440-47-3	Chromium	19.7		mg/kg dry	0.522	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/27/2021 15:30	05/28/2021 14:33	EM
7440-50-8	Copper	32.0		mg/kg dry	2.09	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/27/2021 15:30	05/28/2021 14:33	EM
7439-92-1	Lead	41.1		mg/kg dry	0.522	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/27/2021 15:30	05/28/2021 14:33	EM
7439-96-5	Manganese	638		mg/kg dry	0.522	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/27/2021 15:30	05/28/2021 14:33	EM
7440-02-0	Nickel	24.0		mg/kg dry	1.04	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/27/2021 15:30	05/28/2021 14:33	EM
7782-49-2	Selenium	ND		mg/kg dry	2.61	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/27/2021 15:30	05/28/2021 14:33	EM
7440-22-4	Silver	ND		mg/kg dry	0.522	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/27/2021 15:30	05/28/2021 14:33	EM
7440-66-6	Zinc	91.5		mg/kg dry	2.61	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/27/2021 15:30	05/28/2021 14:33	EM

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	0.0668		mg/kg dry	0.0313	1	EPA 7473 Certifications: CTDOH,NJDEP,NELAC-NY10854,PADEP	05/27/2021 17:24	05/27/2021 18:35	AD

Chromium, Hexavalent

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND		mg/kg dry	0.522	1	EPA 7196A Certifications: NJDEP,CTDOH,NELAC-NY10854,PADEP	05/21/2021 07:29	05/21/2021 12:42	OT

Chromium, Trivalent

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

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: Comp 4 20210519

York Sample ID: 21E0875-30

York Project (SDG) No.

21E0875

Client Project ID

560909-Onekey

Matrix

Soil

Collection Date/Time

May 19, 2021 11:45 am

Date Received

05/20/2021

Chromium, Trivalent

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
16065-83-1	* Chromium, Trivalent	19.7		mg/kg	0.500	1	Calculation Certifications:	05/27/2021 11:07	05/28/2021 16:37	PAM

Cyanide, Total

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation Soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-12-5	Cyanide, total	ND		mg/kg dry	0.522	1	EPA 9014/9010C Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	05/21/2021 13:54	05/21/2021 20:28	MAO

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	95.8		%	0.100	1	SM 2540G Certifications: CTDOH	05/21/2021 08:15	05/21/2021 12:52	SK

Sample Information

Client Sample ID: Comp 5 20210519

York Sample ID: 21E0875-31

York Project (SDG) No.

21E0875

Client Project ID

560909-Onekey

Matrix

Soil

Collection Date/Time

May 19, 2021 10:50 am

Date Received

05/20/2021

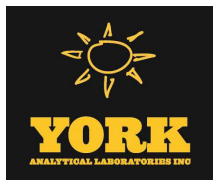
Semi-Volatiles, NYSDEC Part 375

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3546 SVOA

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		ug/kg dry	43.7	87.3	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 17:53	KH
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		ug/kg dry	87.3	174	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 17:53	KH
58-90-2	2,3,4,6-Tetrachlorophenol	ND		ug/kg dry	87.3	174	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 17:53	KH
95-95-4	2,4,5-Trichlorophenol	ND		ug/kg dry	43.7	87.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 17:53	KH
88-06-2	2,4,6-Trichlorophenol	ND		ug/kg dry	43.7	87.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 17:53	KH
120-83-2	2,4-Dichlorophenol	ND		ug/kg dry	43.7	87.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 17:53	KH
105-67-9	2,4-Dimethylphenol	ND		ug/kg dry	43.7	87.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 17:53	KH



Sample Information

Client Sample ID: Comp 5 20210519

York Sample ID: 21E0875-31

York Project (SDG) No.
21E0875

Client Project ID
560909-Onekey

Matrix
Soil

Collection Date/Time
May 19, 2021 10:50 am

Date Received
05/20/2021

Semi-Volatiles, NYSDEC Part 375

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3546 SVOA

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
51-28-5	2,4-Dinitrophenol	ND		ug/kg dry	87.3	174	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 17:53	KH
121-14-2	2,4-Dinitrotoluene	ND		ug/kg dry	43.7	87.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 17:53	KH
606-20-2	2,6-Dinitrotoluene	ND		ug/kg dry	43.7	87.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 17:53	KH
91-58-7	2-Chloronaphthalene	ND		ug/kg dry	43.7	87.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 17:53	KH
95-57-8	2-Chlorophenol	ND		ug/kg dry	43.7	87.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 17:53	KH
91-57-6	2-Methylnaphthalene	ND		ug/kg dry	43.7	87.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 17:53	KH
95-48-7	2-Methylphenol	ND		ug/kg dry	43.7	87.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 17:53	KH
88-74-4	2-Nitroaniline	ND		ug/kg dry	87.3	174	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 17:53	KH
88-75-5	2-Nitrophenol	ND		ug/kg dry	43.7	87.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 17:53	KH
65794-96-9	3- & 4-Methylphenols	ND		ug/kg dry	43.7	87.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 17:53	KH
91-94-1	3,3-Dichlorobenzidine	ND		ug/kg dry	43.7	87.3	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 17:53	KH
99-09-2	3-Nitroaniline	ND		ug/kg dry	87.3	174	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 17:53	KH
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/kg dry	87.3	174	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 17:53	KH
101-55-3	4-Bromophenyl phenyl ether	ND		ug/kg dry	43.7	87.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 17:53	KH
59-50-7	4-Chloro-3-methylphenol	ND		ug/kg dry	43.7	87.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 17:53	KH
106-47-8	4-Chloroaniline	ND		ug/kg dry	43.7	87.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 17:53	KH
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/kg dry	43.7	87.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 17:53	KH
100-01-6	4-Nitroaniline	ND		ug/kg dry	87.3	174	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 17:53	KH
100-02-7	4-Nitrophenol	ND		ug/kg dry	87.3	174	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 17:53	KH
83-32-9	Acenaphthene	ND		ug/kg dry	43.7	87.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 17:53	KH
208-96-8	Acenaphthylene	ND		ug/kg dry	43.7	87.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 17:53	KH
98-86-2	Acetophenone	ND		ug/kg dry	43.7	87.3	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 17:53	KH
120-12-7	Anthracene	ND		ug/kg dry	43.7	87.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 17:53	KH



Sample Information

Client Sample ID: Comp 5 20210519

York Sample ID: 21E0875-31

York Project (SDG) No.
21E0875

Client Project ID
560909-Onekey

Matrix
Soil

Collection Date/Time
May 19, 2021 10:50 am

Date Received
05/20/2021

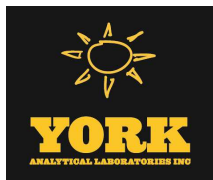
Semi-Volatiles, NYSDEC Part 375

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3546 SVOA

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
1912-24-9	Atrazine	ND		ug/kg dry	43.7	87.3	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 17:53	KH
100-52-7	Benzaldehyde	ND		ug/kg dry	43.7	87.3	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 17:53	KH
56-55-3	Benzo(a)anthracene	123		ug/kg dry	43.7	87.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 17:53	KH
50-32-8	Benzo(a)pyrene	130		ug/kg dry	43.7	87.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 17:53	KH
205-99-2	Benzo(b)fluoranthene	120		ug/kg dry	43.7	87.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 17:53	KH
191-24-2	Benzo(g,h,i)perylene	109		ug/kg dry	43.7	87.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 17:53	KH
207-08-9	Benzo(k)fluoranthene	126		ug/kg dry	43.7	87.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 17:53	KH
85-68-7	Benzyl butyl phthalate	ND		ug/kg dry	43.7	87.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 17:53	KH
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/kg dry	43.7	87.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 17:53	KH
111-44-4	Bis(2-chloroethyl)ether	ND		ug/kg dry	43.7	87.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 17:53	KH
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/kg dry	43.7	87.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 17:53	KH
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/kg dry	43.7	87.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 17:53	KH
105-60-2	Caprolactam	ND		ug/kg dry	87.3	174	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 17:53	KH
86-74-8	Carbazole	ND		ug/kg dry	43.7	87.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 17:53	KH
218-01-9	Chrysene	138		ug/kg dry	43.7	87.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 17:53	KH
53-70-3	Dibenzo(a,h)anthracene	ND		ug/kg dry	43.7	87.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 17:53	KH
132-64-9	Dibenzofuran	ND		ug/kg dry	43.7	87.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 17:53	KH
84-66-2	Diethyl phthalate	ND		ug/kg dry	43.7	87.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 17:53	KH
131-11-3	Dimethyl phthalate	ND		ug/kg dry	43.7	87.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 17:53	KH
84-74-2	Di-n-butyl phthalate	ND		ug/kg dry	43.7	87.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 17:53	KH
117-84-0	Di-n-octyl phthalate	ND		ug/kg dry	43.7	87.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 17:53	KH
206-44-0	Fluoranthene	218		ug/kg dry	43.7	87.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 17:53	KH
86-73-7	Fluorene	ND		ug/kg dry	43.7	87.3	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 17:53	KH



Sample Information

Client Sample ID: Comp 5 20210519

York Sample ID: 21E0875-31

York Project (SDG) No.
21E0875

Client Project ID
560909-Onekey

Matrix
Soil

Collection Date/Time
May 19, 2021 10:50 am

Date Received
05/20/2021

Semi-Volatiles, NYSDEC Part 375

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3546 SVOA

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
118-74-1	Hexachlorobenzene	ND		ug/kg dry	43.7	87.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 17:53	KH
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	43.7	87.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 17:53	KH
77-47-4	Hexachlorocyclopentadiene	ND		ug/kg dry	43.7	87.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 17:53	KH
67-72-1	Hexachloroethane	ND		ug/kg dry	43.7	87.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 17:53	KH
193-39-5	Indeno(1,2,3-cd)pyrene	128		ug/kg dry	43.7	87.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 17:53	KH
78-59-1	Isophorone	ND		ug/kg dry	43.7	87.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 17:53	KH
91-20-3	Naphthalene	ND		ug/kg dry	43.7	87.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 17:53	KH
98-95-3	Nitrobenzene	ND		ug/kg dry	43.7	87.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 17:53	KH
621-64-7	N-nitroso-di-n-propylamine	ND		ug/kg dry	43.7	87.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 17:53	KH
86-30-6	N-Nitrosodiphenylamine	ND		ug/kg dry	43.7	87.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 17:53	KH
87-86-5	Pentachlorophenol	ND		ug/kg dry	43.7	87.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 17:53	KH
85-01-8	Phenanthrene	135		ug/kg dry	43.7	87.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 17:53	KH
108-95-2	Phenol	ND		ug/kg dry	43.7	87.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 17:53	KH
129-00-0	Pyrene	207		ug/kg dry	43.7	87.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 17:53	KH
Surrogate Recoveries		Result	Acceptance Range								
367-12-4	Surrogate: SURR: 2-Fluorophenol	38.2 %	30-130								
4165-62-2	Surrogate: SURR: Phenol-d5	40.2 %	30-130								
4165-60-0	Surrogate: SURR: Nitrobenzene-d5	38.7 %	30-130								
321-60-8	Surrogate: SURR: 2-Fluorobiphenyl	41.2 %	30-130								
118-79-6	Surrogate: SURR: 2,4,6-Tribromophenol	39.8 %	30-130								
1718-51-0	Surrogate: SURR: Terphenyl-d14	44.6 %	30-130								

Semi-Volatiles, 1,4-Dioxane 8270 SIM-Soil

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
123-91-1	1,4-Dioxane	ND		ug/kg	9.80	1	EPA 8270D SIM Certifications: NELAC-NY10854	05/26/2021 07:37	05/26/2021 16:12	KH
Surrogate Recoveries		Result	Acceptance Range							



Sample Information

Client Sample ID: Comp 5 20210519

York Sample ID: 21E0875-31

York Project (SDG) No.
21E0875

Client Project ID
560909-Onekey

Matrix
Soil

Collection Date/Time
May 19, 2021 10:50 am

Date Received
05/20/2021

Semi-Volatiles, 1,4-Dioxane 8270 SIM-Soil

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
17647-74-4	Surrogate: 1,4-Dioxane-d8	58.0 %			39-127.5					

Pesticides, NYSDEC Part 375 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		ug/kg dry	1.73	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/21/2021 14:08	05/25/2021 16:12	CM
72-55-9	4,4'-DDE	ND		ug/kg dry	1.73	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/21/2021 14:08	05/25/2021 16:12	CM
50-29-3	4,4'-DDT	ND		ug/kg dry	1.73	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/21/2021 14:08	05/25/2021 16:12	CM
309-00-2	Aldrin	ND		ug/kg dry	1.73	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/21/2021 14:08	05/25/2021 16:12	CM
319-84-6	alpha-BHC	ND		ug/kg dry	1.73	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/21/2021 14:08	05/25/2021 16:12	CM
5103-71-9	alpha-Chlordane	ND		ug/kg dry	1.73	5	EPA 8081B Certifications: NELAC-NY10854,NJDEP	05/21/2021 14:08	05/25/2021 16:12	CM
319-85-7	beta-BHC	ND		ug/kg dry	1.73	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/21/2021 14:08	05/25/2021 16:12	CM
319-86-8	delta-BHC	ND		ug/kg dry	1.73	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/21/2021 14:08	05/25/2021 16:12	CM
60-57-1	Dieldrin	ND		ug/kg dry	1.73	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/21/2021 14:08	05/25/2021 16:12	CM
959-98-8	Endosulfan I	ND		ug/kg dry	1.73	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/21/2021 14:08	05/25/2021 16:12	CM
33213-65-9	Endosulfan II	ND		ug/kg dry	1.73	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854	05/21/2021 14:08	05/25/2021 16:12	CM
1031-07-8	Endosulfan sulfate	ND		ug/kg dry	1.73	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/21/2021 14:08	05/25/2021 16:12	CM
72-20-8	Endrin	ND		ug/kg dry	1.73	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/21/2021 14:08	05/25/2021 16:12	CM
58-89-9	gamma-BHC (Lindane)	ND		ug/kg dry	1.73	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/21/2021 14:08	05/25/2021 16:12	CM
76-44-8	Heptachlor	ND		ug/kg dry	1.73	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/21/2021 14:08	05/25/2021 16:12	CM
Surrogate Recoveries		Result		Acceptance Range						
2051-24-3	Surrogate: Decachlorobiphenyl	109 %		30-150						
877-09-8	Surrogate: Tetrachloro-m-xylene	62.9 %		30-150						

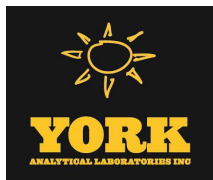
Polychlorinated Biphenyls (PCB)

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
120 RESEARCH DRIVE		STRATFORD, CT 06615		■		132-02 89th AVENUE		RICHMOND HILL, NY 11418		
www.YORKLAB.com		(203) 325-1371				FAX (203) 357-0166		ClientServices@		



Sample Information

Client Sample ID: Comp 5 20210519

York Sample ID: 21E0875-31

York Project (SDG) No.
21E0875

Client Project ID
560909-Onekey

Matrix
Soil

Collection Date/Time
May 19, 2021 10:50 am

Date Received
05/20/2021

Polychlorinated Biphenyls (PCB)

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
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0175	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	05/21/2021 14:08	05/24/2021 21:48	BJ
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0175	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	05/21/2021 14:08	05/24/2021 21:48	BJ
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0175	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	05/21/2021 14:08	05/24/2021 21:48	BJ
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0175	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	05/21/2021 14:08	05/24/2021 21:48	BJ
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0175	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	05/21/2021 14:08	05/24/2021 21:48	BJ
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0175	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	05/21/2021 14:08	05/24/2021 21:48	BJ
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0175	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	05/21/2021 14:08	05/24/2021 21:48	BJ
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0175	1	EPA 8082A Certifications:	05/21/2021 14:08	05/24/2021 21:48	BJ
Surrogate Recoveries		Result		Acceptance Range						
877-09-8	Surrogate: Tetrachloro-m-xylene	89.0 %		30-120						
2051-24-3	Surrogate: Decachlorobiphenyl	57.0 %		30-120						

Herbicides, NYSDEC Part 375 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C/8151A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
93-72-1	2,4,5-TP (Silvex)	ND		ug/kg dry	21.0	1	EPA 8151A Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/26/2021 07:34	05/26/2021 18:54	BJ
Surrogate Recoveries		Result		Acceptance Range						
19719-28-9	Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)	70.8 %		21-150						

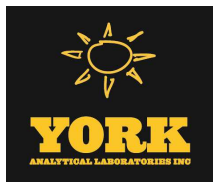
Metals, NYSDEC Part 375

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	5.54		mg/kg dry	1.59	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/27/2021 15:30	05/28/2021 14:37	EM
7440-39-3	Barium	74.0		mg/kg dry	2.64	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/27/2021 15:30	05/28/2021 14:37	EM
7440-41-7	Beryllium	ND		mg/kg dry	0.053	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/27/2021 15:30	05/28/2021 14:37	EM
7440-43-9	Cadmium	ND		mg/kg dry	0.317	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/27/2021 15:30	05/28/2021 14:37	EM



Sample Information

Client Sample ID: Comp 5 20210519

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Metals, NYSDEC Part 375

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
7440-47-3	Chromium	17.2		mg/kg dry	0.529	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/27/2021 15:30	05/28/2021 14:37	EM
7440-50-8	Copper	31.1		mg/kg dry	2.11	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/27/2021 15:30	05/28/2021 14:37	EM
7439-92-1	Lead	37.7		mg/kg dry	0.529	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/27/2021 15:30	05/28/2021 14:37	EM
7439-96-5	Manganese	711		mg/kg dry	0.529	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/27/2021 15:30	05/28/2021 14:37	EM
7440-02-0	Nickel	23.7		mg/kg dry	1.06	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/27/2021 15:30	05/28/2021 14:37	EM
7782-49-2	Selenium	ND		mg/kg dry	2.64	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/27/2021 15:30	05/28/2021 14:37	EM
7440-22-4	Silver	ND		mg/kg dry	0.529	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/27/2021 15:30	05/28/2021 14:37	EM
7440-66-6	Zinc	92.7		mg/kg dry	2.64	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/27/2021 15:30	05/28/2021 14:37	EM

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	0.0629		mg/kg dry	0.0317	1	EPA 7473 Certifications: CTDOH,NJDEP,NELAC-NY10854,PADEP	05/27/2021 17:24	05/27/2021 18:45	AD

Chromium, Hexavalent

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND		mg/kg dry	0.529	1	EPA 7196A Certifications: NJDEP,CTDOH,NELAC-NY10854,PADEP	05/21/2021 07:29	05/21/2021 12:42	OT

Chromium, Trivalent

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
16065-83-1	* Chromium, Trivalent	17.2		mg/kg	0.500	1	Calculation Certifications:	05/27/2021 11:07	05/28/2021 16:37	PAM

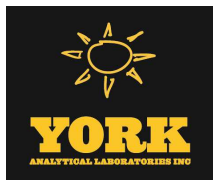
Cyanide, Total

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation Soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-12-5	Cyanide, total	ND		mg/kg dry	0.529	1	EPA 9014/9010C Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	05/21/2021 13:54	05/21/2021 20:28	MAO



Sample Information

Client Sample ID: Comp 5 20210519

York Sample ID: 21E0875-31

York Project (SDG) No.
21E0875

Client Project ID
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Collection Date/Time
May 19, 2021 10:50 am

Date Received
05/20/2021

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	94.6		%	0.100	1	SM 2540G Certifications: CTDH	05/21/2021 08:15	05/21/2021 12:52	SK

Sample Information

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York Project (SDG) No.
21E0875

Client Project ID
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May 19, 2021 10:55 am

Date Received
05/20/2021

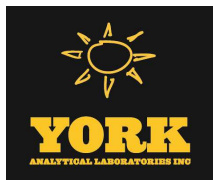
Semi-Volatiles, NYSDEC Part 375

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3546 SVOA

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		ug/kg dry	42.9	85.5	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 18:26	KH
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		ug/kg dry	85.5	171	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 18:26	KH
58-90-2	2,3,4,6-Tetrachlorophenol	ND		ug/kg dry	85.5	171	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 18:26	KH
95-95-4	2,4,5-Trichlorophenol	ND		ug/kg dry	42.9	85.5	2	EPA 8270D Certifications: CTDH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 18:26	KH
88-06-2	2,4,6-Trichlorophenol	ND		ug/kg dry	42.9	85.5	2	EPA 8270D Certifications: CTDH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 18:26	KH
120-83-2	2,4-Dichlorophenol	ND		ug/kg dry	42.9	85.5	2	EPA 8270D Certifications: CTDH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 18:26	KH
105-67-9	2,4-Dimethylphenol	ND		ug/kg dry	42.9	85.5	2	EPA 8270D Certifications: CTDH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 18:26	KH
51-28-5	2,4-Dinitrophenol	ND		ug/kg dry	85.5	171	2	EPA 8270D Certifications: CTDH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 18:26	KH
121-14-2	2,4-Dinitrotoluene	ND		ug/kg dry	42.9	85.5	2	EPA 8270D Certifications: CTDH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 18:26	KH
606-20-2	2,6-Dinitrotoluene	ND		ug/kg dry	42.9	85.5	2	EPA 8270D Certifications: CTDH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 18:26	KH
91-58-7	2-Chloronaphthalene	ND		ug/kg dry	42.9	85.5	2	EPA 8270D Certifications: CTDH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 18:26	KH
95-57-8	2-Chlorophenol	ND		ug/kg dry	42.9	85.5	2	EPA 8270D Certifications: CTDH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 18:26	KH
91-57-6	2-Methylnaphthalene	ND		ug/kg dry	42.9	85.5	2	EPA 8270D Certifications: CTDH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 18:26	KH
95-48-7	2-Methylphenol	ND		ug/kg dry	42.9	85.5	2	EPA 8270D Certifications: CTDH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 18:26	KH



Sample Information

Client Sample ID: Comp 6 20210519

York Sample ID: 21E0875-32

York Project (SDG) No.
21E0875

Client Project ID
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May 19, 2021 10:55 am

Date Received
05/20/2021

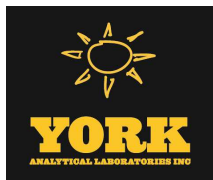
Semi-Volatiles, NYSDEC Part 375

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3546 SVOA

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
88-74-4	2-Nitroaniline	ND		ug/kg dry	85.5	171	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 18:26	KH
88-75-5	2-Nitrophenol	ND		ug/kg dry	42.9	85.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 18:26	KH
65794-96-9	3- & 4-Methylphenols	ND		ug/kg dry	42.9	85.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 18:26	KH
91-94-1	3,3-Dichlorobenzidine	ND		ug/kg dry	42.9	85.5	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 18:26	KH
99-09-2	3-Nitroaniline	ND		ug/kg dry	85.5	171	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 18:26	KH
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/kg dry	85.5	171	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 18:26	KH
101-55-3	4-Bromophenyl phenyl ether	ND		ug/kg dry	42.9	85.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 18:26	KH
59-50-7	4-Chloro-3-methylphenol	ND		ug/kg dry	42.9	85.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 18:26	KH
106-47-8	4-Chloroaniline	ND		ug/kg dry	42.9	85.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 18:26	KH
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/kg dry	42.9	85.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 18:26	KH
100-01-6	4-Nitroaniline	ND		ug/kg dry	85.5	171	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 18:26	KH
100-02-7	4-Nitrophenol	ND		ug/kg dry	85.5	171	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 18:26	KH
83-32-9	Acenaphthene	ND		ug/kg dry	42.9	85.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 18:26	KH
208-96-8	Acenaphthylene	ND		ug/kg dry	42.9	85.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 18:26	KH
98-86-2	Acetophenone	ND		ug/kg dry	42.9	85.5	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 18:26	KH
120-12-7	Anthracene	59.5	J	ug/kg dry	42.9	85.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 18:26	KH
1912-24-9	Atrazine	ND		ug/kg dry	42.9	85.5	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 18:26	KH
100-52-7	Benzaldehyde	ND		ug/kg dry	42.9	85.5	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 18:26	KH
56-55-3	Benzo(a)anthracene	95.0		ug/kg dry	42.9	85.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 18:26	KH
50-32-8	Benzo(a)pyrene	113		ug/kg dry	42.9	85.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 18:26	KH
205-99-2	Benzo(b)fluoranthene	88.2		ug/kg dry	42.9	85.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 18:26	KH
191-24-2	Benzo(g,h,i)perylene	93.7		ug/kg dry	42.9	85.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 18:26	KH
207-08-9	Benzo(k)fluoranthene	105		ug/kg dry	42.9	85.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 18:26	KH



Sample Information

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York Project (SDG) No.
21E0875

Client Project ID
560909-Onekey

Matrix
Soil

Collection Date/Time
May 19, 2021 10:55 am

Date Received
05/20/2021

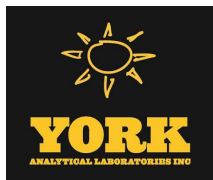
Semi-Volatiles, NYSDEC Part 375

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3546 SVOA

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
85-68-7	Benzyl butyl phthalate	ND		ug/kg dry	42.9	85.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 18:26	KH
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/kg dry	42.9	85.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 18:26	KH
111-44-4	Bis(2-chloroethyl)ether	ND		ug/kg dry	42.9	85.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 18:26	KH
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/kg dry	42.9	85.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 18:26	KH
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/kg dry	42.9	85.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 18:26	KH
105-60-2	Caprolactam	ND		ug/kg dry	85.5	171	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 18:26	KH
86-74-8	Carbazole	ND		ug/kg dry	42.9	85.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 18:26	KH
218-01-9	Chrysene	101		ug/kg dry	42.9	85.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 18:26	KH
53-70-3	Dibenzo(a,h)anthracene	ND		ug/kg dry	42.9	85.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 18:26	KH
132-64-9	Dibenzofuran	ND		ug/kg dry	42.9	85.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 18:26	KH
84-66-2	Diethyl phthalate	ND		ug/kg dry	42.9	85.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 18:26	KH
131-11-3	Dimethyl phthalate	ND		ug/kg dry	42.9	85.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 18:26	KH
84-74-2	Di-n-butyl phthalate	ND		ug/kg dry	42.9	85.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 18:26	KH
117-84-0	Di-n-octyl phthalate	ND		ug/kg dry	42.9	85.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 18:26	KH
206-44-0	Fluoranthene	156		ug/kg dry	42.9	85.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 18:26	KH
86-73-7	Fluorene	ND		ug/kg dry	42.9	85.5	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 18:26	KH
118-74-1	Hexachlorobenzene	ND		ug/kg dry	42.9	85.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 18:26	KH
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	42.9	85.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 18:26	KH
77-47-4	Hexachlorocyclopentadiene	ND		ug/kg dry	42.9	85.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 18:26	KH
67-72-1	Hexachloroethane	ND		ug/kg dry	42.9	85.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 18:26	KH
193-39-5	Indeno(1,2,3-cd)pyrene	73.8	J	ug/kg dry	42.9	85.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 18:26	KH
78-59-1	Isophorone	ND		ug/kg dry	42.9	85.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 18:26	KH
91-20-3	Naphthalene	ND		ug/kg dry	42.9	85.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 18:26	KH



Sample Information

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Semi-Volatiles, NYSDEC Part 375

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3546 SVOA

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
98-95-3	Nitrobenzene	ND		ug/kg dry	42.9	85.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 18:26	KH
621-64-7	N-nitroso-di-n-propylamine	ND		ug/kg dry	42.9	85.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 18:26	KH
86-30-6	N-Nitrosodiphenylamine	ND		ug/kg dry	42.9	85.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 18:26	KH
87-86-5	Pentachlorophenol	ND		ug/kg dry	42.9	85.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 18:26	KH
85-01-8	Phenanthrene	62.2	J	ug/kg dry	42.9	85.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 18:26	KH
108-95-2	Phenol	ND		ug/kg dry	42.9	85.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 18:26	KH
129-00-0	Pyrene	148		ug/kg dry	42.9	85.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 18:26	KH
Surrogate Recoveries		Result		Acceptance Range							
367-12-4	Surrogate: SURR: 2-Fluorophenol	40.8 %		30-130							
4165-62-2	Surrogate: SURR: Phenol-d5	44.0 %		30-130							
4165-60-0	Surrogate: SURR: Nitrobenzene-d5	40.2 %		30-130							
321-60-8	Surrogate: SURR: 2-Fluorobiphenyl	44.1 %		30-130							
118-79-6	Surrogate: SURR: 2,4,6-Tribromophenol	42.8 %		30-130							
1718-51-0	Surrogate: SURR: Terphenyl-d14	46.0 %		30-130							

Semi-Volatiles, 1,4-Dioxane 8270 SIM-Soil

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
123-91-1	1,4-Dioxane	ND		ug/kg	9.80	1	EPA 8270D SIM Certifications: NELAC-NY10854	05/26/2021 07:37	05/26/2021 17:39	KH
Surrogate Recoveries		Result		Acceptance Range						
17647-74-4	Surrogate: 1,4-Dioxane-d8	58.0 %		39-127.5						

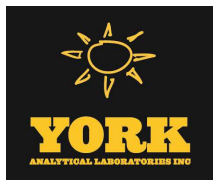
Pesticides, NYSDEC Part 375 Target List

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		ug/kg dry	1.69	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/21/2021 14:08	05/25/2021 16:28	CM
72-55-9	4,4'-DDE	ND		ug/kg dry	1.69	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/21/2021 14:08	05/25/2021 16:28	CM
50-29-3	4,4'-DDT	ND		ug/kg dry	1.69	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/21/2021 14:08	05/25/2021 16:28	CM



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Pesticides, NYSDEC Part 375 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
309-00-2	Aldrin	ND		ug/kg dry	1.69	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/21/2021 14:08	05/25/2021 16:28	CM
319-84-6	alpha-BHC	ND		ug/kg dry	1.69	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/21/2021 14:08	05/25/2021 16:28	CM
5103-71-9	alpha-Chlordane	ND		ug/kg dry	1.69	5	EPA 8081B Certifications: NELAC-NY10854,NJDEP	05/21/2021 14:08	05/25/2021 16:28	CM
319-85-7	beta-BHC	ND		ug/kg dry	1.69	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/21/2021 14:08	05/25/2021 16:28	CM
319-86-8	delta-BHC	ND		ug/kg dry	1.69	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/21/2021 14:08	05/25/2021 16:28	CM
60-57-1	Dieldrin	ND		ug/kg dry	1.69	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/21/2021 14:08	05/25/2021 16:28	CM
959-98-8	Endosulfan I	ND		ug/kg dry	1.69	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/21/2021 14:08	05/25/2021 16:28	CM
33213-65-9	Endosulfan II	ND		ug/kg dry	1.69	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854	05/21/2021 14:08	05/25/2021 16:28	CM
1031-07-8	Endosulfan sulfate	ND		ug/kg dry	1.69	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/21/2021 14:08	05/25/2021 16:28	CM
72-20-8	Endrin	ND		ug/kg dry	1.69	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/21/2021 14:08	05/25/2021 16:28	CM
58-89-9	gamma-BHC (Lindane)	ND		ug/kg dry	1.69	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/21/2021 14:08	05/25/2021 16:28	CM
76-44-8	Heptachlor	ND		ug/kg dry	1.69	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/21/2021 14:08	05/25/2021 16:28	CM
Surrogate Recoveries		Result		Acceptance Range						
2051-24-3	Surrogate: Decachlorobiphenyl	101 %		30-150						
877-09-8	Surrogate: Tetrachloro-m-xylene	56.2 %		30-150						

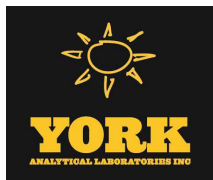
Polychlorinated Biphenyls (PCB)

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
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0171	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	05/21/2021 14:08	05/24/2021 22:01	BJ
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0171	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	05/21/2021 14:08	05/24/2021 22:01	BJ
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0171	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	05/21/2021 14:08	05/24/2021 22:01	BJ
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0171	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	05/21/2021 14:08	05/24/2021 22:01	BJ
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0171	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	05/21/2021 14:08	05/24/2021 22:01	BJ
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0171	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	05/21/2021 14:08	05/24/2021 22:01	BJ



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Polychlorinated Biphenyls (PCB)

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
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0171	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	05/21/2021 14:08	05/24/2021 22:01	BJ
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0171	1	EPA 8082A Certifications:	05/21/2021 14:08	05/24/2021 22:01	BJ
Surrogate Recoveries		Result		Acceptance Range						
877-09-8	Surrogate: Tetrachloro-m-xylene	85.5 %		30-120						
2051-24-3	Surrogate: Decachlorobiphenyl	56.5 %		30-120						

Herbicides, NYSDEC Part 375 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C/8151A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
93-72-1	2,4,5-TP (Silvex)	ND		ug/kg dry	20.8	1	EPA 8151A Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/26/2021 07:34	05/26/2021 19:05	BJ
Surrogate Recoveries		Result		Acceptance Range						
19719-28-9	Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)	77.4 %		21-150						

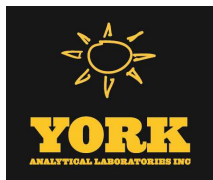
Metals, NYSDEC Part 375

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	6.01		mg/kg dry	1.57	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/27/2021 15:30	05/28/2021 14:40	EM
7440-39-3	Barium	84.5		mg/kg dry	2.62	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/27/2021 15:30	05/28/2021 14:40	EM
7440-41-7	Beryllium	0.058		mg/kg dry	0.052	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/27/2021 15:30	05/28/2021 14:40	EM
7440-43-9	Cadmium	ND		mg/kg dry	0.314	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/27/2021 15:30	05/28/2021 14:40	EM
7440-47-3	Chromium	19.8		mg/kg dry	0.523	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/27/2021 15:30	05/28/2021 14:40	EM
7440-50-8	Copper	35.3		mg/kg dry	2.09	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/27/2021 15:30	05/28/2021 14:40	EM
7439-92-1	Lead	38.2		mg/kg dry	0.523	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/27/2021 15:30	05/28/2021 14:40	EM
7439-96-5	Manganese	701		mg/kg dry	0.523	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/27/2021 15:30	05/28/2021 14:40	EM
7440-02-0	Nickel	27.0		mg/kg dry	1.05	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/27/2021 15:30	05/28/2021 14:40	EM
7782-49-2	Selenium	ND		mg/kg dry	2.62	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/27/2021 15:30	05/28/2021 14:40	EM



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Metals, NYSDEC Part 375

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
7440-22-4	Silver	ND		mg/kg dry	0.523	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/27/2021 15:30	05/28/2021 14:40	EM
7440-66-6	Zinc	85.1		mg/kg dry	2.62	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/27/2021 15:30	05/28/2021 14:40	EM

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	0.0667		mg/kg dry	0.0314	1	EPA 7473 Certifications: CTDOH,NJDEP,NELAC-NY10854,PADEP	05/27/2021 17:24	05/27/2021 18:55	AD

Chromium, Hexavalent

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND		mg/kg dry	0.523	1	EPA 7196A Certifications: NJDEP,CTDOH,NELAC-NY10854,PADEP	05/21/2021 07:29	05/21/2021 12:42	OT

Chromium, Trivalent

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
16065-83-1	* Chromium, Trivalent	19.8		mg/kg	0.500	1	Calculation Certifications:	05/27/2021 11:07	05/28/2021 16:37	PAM

Cyanide, Total

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation Soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-12-5	Cyanide, total	ND		mg/kg dry	0.523	1	EPA 9014/9010C Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	05/21/2021 13:54	05/21/2021 20:28	MAO

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	95.6		%	0.100	1	SM 2540G Certifications: CTDOH	05/21/2021 08:15	05/21/2021 12:52	SK



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Semi-Volatiles, NYSDEC Part 375

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3546 SVOA

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		ug/kg dry	43.7	87.3	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 19:00	KH
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		ug/kg dry	87.3	174	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 19:00	KH
58-90-2	2,3,4,6-Tetrachlorophenol	ND		ug/kg dry	87.3	174	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 19:00	KH
95-95-4	2,4,5-Trichlorophenol	ND		ug/kg dry	43.7	87.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 19:00	KH
88-06-2	2,4,6-Trichlorophenol	ND		ug/kg dry	43.7	87.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 19:00	KH
120-83-2	2,4-Dichlorophenol	ND		ug/kg dry	43.7	87.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 19:00	KH
105-67-9	2,4-Dimethylphenol	ND		ug/kg dry	43.7	87.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 19:00	KH
51-28-5	2,4-Dinitrophenol	ND		ug/kg dry	87.3	174	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 19:00	KH
121-14-2	2,4-Dinitrotoluene	ND		ug/kg dry	43.7	87.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 19:00	KH
606-20-2	2,6-Dinitrotoluene	ND		ug/kg dry	43.7	87.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 19:00	KH
91-58-7	2-Chloronaphthalene	ND		ug/kg dry	43.7	87.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 19:00	KH
95-57-8	2-Chlorophenol	ND		ug/kg dry	43.7	87.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 19:00	KH
91-57-6	2-Methylnaphthalene	ND		ug/kg dry	43.7	87.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 19:00	KH
95-48-7	2-Methylphenol	ND		ug/kg dry	43.7	87.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 19:00	KH
88-74-4	2-Nitroaniline	ND		ug/kg dry	87.3	174	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 19:00	KH
88-75-5	2-Nitrophenol	ND		ug/kg dry	43.7	87.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 19:00	KH
65794-96-9	3- & 4-Methylphenols	ND		ug/kg dry	43.7	87.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 19:00	KH
91-94-1	3,3-Dichlorobenzidine	ND		ug/kg dry	43.7	87.3	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 19:00	KH
99-09-2	3-Nitroaniline	ND		ug/kg dry	87.3	174	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 19:00	KH
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/kg dry	87.3	174	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 19:00	KH
101-55-3	4-Bromophenyl phenyl ether	ND		ug/kg dry	43.7	87.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 19:00	KH
59-50-7	4-Chloro-3-methylphenol	ND		ug/kg dry	43.7	87.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 19:00	KH
106-47-8	4-Chloroaniline	ND		ug/kg dry	43.7	87.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 19:00	KH



Sample Information

Client Sample ID: Comp 7 20210519

York Sample ID: 21E0875-33

York Project (SDG) No.
21E0875

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Matrix
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Date Received
05/20/2021

Semi-Volatiles, NYSDEC Part 375

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3546 SVOA

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/kg dry	43.7	87.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 19:00	KH
100-01-6	4-Nitroaniline	ND		ug/kg dry	87.3	174	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 19:00	KH
100-02-7	4-Nitrophenol	ND		ug/kg dry	87.3	174	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 19:00	KH
83-32-9	Acenaphthene	ND		ug/kg dry	43.7	87.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 19:00	KH
208-96-8	Acenaphthylene	46.7	J	ug/kg dry	43.7	87.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 19:00	KH
98-86-2	Acetophenone	ND		ug/kg dry	43.7	87.3	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 19:00	KH
120-12-7	Anthracene	ND		ug/kg dry	43.7	87.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 19:00	KH
1912-24-9	Atrazine	ND		ug/kg dry	43.7	87.3	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 19:00	KH
100-52-7	Benzaldehyde	ND		ug/kg dry	43.7	87.3	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 19:00	KH
56-55-3	Benzo(a)anthracene	133		ug/kg dry	43.7	87.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 19:00	KH
50-32-8	Benzo(a)pyrene	149		ug/kg dry	43.7	87.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 19:00	KH
205-99-2	Benzo(b)fluoranthene	123		ug/kg dry	43.7	87.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 19:00	KH
191-24-2	Benzo(g,h,i)perylene	119		ug/kg dry	43.7	87.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 19:00	KH
207-08-9	Benzo(k)fluoranthene	128		ug/kg dry	43.7	87.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 19:00	KH
85-68-7	Benzyl butyl phthalate	ND		ug/kg dry	43.7	87.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 19:00	KH
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/kg dry	43.7	87.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 19:00	KH
111-44-4	Bis(2-chloroethyl)ether	ND		ug/kg dry	43.7	87.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 19:00	KH
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/kg dry	43.7	87.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 19:00	KH
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/kg dry	43.7	87.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 19:00	KH
105-60-2	Caprolactam	ND		ug/kg dry	87.3	174	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 19:00	KH
86-74-8	Carbazole	ND		ug/kg dry	43.7	87.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 19:00	KH
218-01-9	Chrysene	150		ug/kg dry	43.7	87.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 19:00	KH
53-70-3	Dibenzo(a,h)anthracene	ND		ug/kg dry	43.7	87.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 19:00	KH



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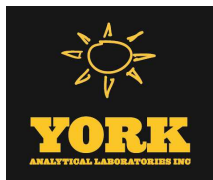
Semi-Volatiles, NYSDEC Part 375

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3546 SVOA

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
132-64-9	Dibenzofuran	ND		ug/kg dry	43.7	87.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 19:00	KH
84-66-2	Diethyl phthalate	ND		ug/kg dry	43.7	87.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 19:00	KH
131-11-3	Dimethyl phthalate	ND		ug/kg dry	43.7	87.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 19:00	KH
84-74-2	Di-n-butyl phthalate	ND		ug/kg dry	43.7	87.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 19:00	KH
117-84-0	Di-n-octyl phthalate	ND		ug/kg dry	43.7	87.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 19:00	KH
206-44-0	Fluoranthene	212		ug/kg dry	43.7	87.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 19:00	KH
86-73-7	Fluorene	ND		ug/kg dry	43.7	87.3	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 19:00	KH
118-74-1	Hexachlorobenzene	ND		ug/kg dry	43.7	87.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 19:00	KH
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	43.7	87.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 19:00	KH
77-47-4	Hexachlorocyclopentadiene	ND		ug/kg dry	43.7	87.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 19:00	KH
67-72-1	Hexachloroethane	ND		ug/kg dry	43.7	87.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 19:00	KH
193-39-5	Indeno(1,2,3-cd)pyrene	120		ug/kg dry	43.7	87.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 19:00	KH
78-59-1	Isophorone	ND		ug/kg dry	43.7	87.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 19:00	KH
91-20-3	Naphthalene	ND		ug/kg dry	43.7	87.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 19:00	KH
98-95-3	Nitrobenzene	ND		ug/kg dry	43.7	87.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 19:00	KH
621-64-7	N-nitroso-di-n-propylamine	ND		ug/kg dry	43.7	87.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 19:00	KH
86-30-6	N-Nitrosodiphenylamine	ND		ug/kg dry	43.7	87.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 19:00	KH
87-86-5	Pentachlorophenol	ND		ug/kg dry	43.7	87.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 19:00	KH
85-01-8	Phenanthrene	137		ug/kg dry	43.7	87.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 19:00	KH
108-95-2	Phenol	ND		ug/kg dry	43.7	87.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 19:00	KH
129-00-0	Pyrene	239		ug/kg dry	43.7	87.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 19:00	KH
Surrogate Recoveries		Result	Acceptance Range								
367-12-4	Surrogate: SURR: 2-Fluorophenol	42.8 %	30-130								
4165-62-2	Surrogate: SURR: Phenol-d5	47.2 %	30-130								
4165-60-0	Surrogate: SURR: Nitrobenzene-d5	45.0 %	30-130								



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Semi-Volatiles, NYSDEC Part 375

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3546 SVOA

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
321-60-8	Surrogate: SURR: 2-Fluorobiphenyl	47.1 %			30-130						
118-79-6	Surrogate: SURR: 2,4,6-Tribromophenol	45.5 %			30-130						
1718-51-0	Surrogate: SURR: Terphenyl-d14	51.1 %			30-130						

Semi-Volatiles, 1,4-Dioxane 8270 SIM-Soil

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
123-91-1	1,4-Dioxane	ND		ug/kg	9.80	1	EPA 8270D SIM Certifications: NELAC-NY10854	05/26/2021 07:37	05/26/2021 17:56	KH
Surrogate Recoveries		Result	Acceptance Range							
17647-74-4	Surrogate: 1,4-Dioxane-d8	54.0 %			39-127.5					

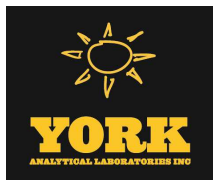
Pesticides, NYSDEC Part 375 Target List

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		ug/kg dry	1.69	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/21/2021 14:08	05/25/2021 16:45	CM
72-55-9	4,4'-DDE	ND		ug/kg dry	1.69	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/21/2021 14:08	05/25/2021 16:45	CM
50-29-3	4,4'-DDT	ND		ug/kg dry	1.69	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/21/2021 14:08	05/25/2021 16:45	CM
309-00-2	Aldrin	ND		ug/kg dry	1.69	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/21/2021 14:08	05/25/2021 16:45	CM
319-84-6	alpha-BHC	ND		ug/kg dry	1.69	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/21/2021 14:08	05/25/2021 16:45	CM
5103-71-9	alpha-Chlordane	ND		ug/kg dry	1.69	5	EPA 8081B Certifications: NELAC-NY10854,NJDEP	05/21/2021 14:08	05/25/2021 16:45	CM
319-85-7	beta-BHC	ND		ug/kg dry	1.69	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/21/2021 14:08	05/25/2021 16:45	CM
319-86-8	delta-BHC	ND		ug/kg dry	1.69	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/21/2021 14:08	05/25/2021 16:45	CM
60-57-1	Dieldrin	ND		ug/kg dry	1.69	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/21/2021 14:08	05/25/2021 16:45	CM
959-98-8	Endosulfan I	ND		ug/kg dry	1.69	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/21/2021 14:08	05/25/2021 16:45	CM
33213-65-9	Endosulfan II	ND		ug/kg dry	1.69	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854	05/21/2021 14:08	05/25/2021 16:45	CM
1031-07-8	Endosulfan sulfate	ND		ug/kg dry	1.69	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/21/2021 14:08	05/25/2021 16:45	CM
72-20-8	Endrin	ND		ug/kg dry	1.69	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/21/2021 14:08	05/25/2021 16:45	CM



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Pesticides, NYSDEC Part 375 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
58-89-9	gamma-BHC (Lindane)	ND		ug/kg dry	1.69	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/21/2021 14:08	05/25/2021 16:45	CM
76-44-8	Heptachlor	ND		ug/kg dry	1.69	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/21/2021 14:08	05/25/2021 16:45	CM
Surrogate Recoveries		Result		Acceptance Range						
2051-24-3	Surrogate: Decachlorobiphenyl	94.7 %		30-150						
877-09-8	Surrogate: Tetrachloro-m-xylene	54.1 %		30-150						

Polychlorinated Biphenyls (PCB)

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
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0170	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	05/21/2021 14:08	05/24/2021 22:15	BJ
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0170	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	05/21/2021 14:08	05/24/2021 22:15	BJ
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0170	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	05/21/2021 14:08	05/24/2021 22:15	BJ
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0170	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	05/21/2021 14:08	05/24/2021 22:15	BJ
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0170	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	05/21/2021 14:08	05/24/2021 22:15	BJ
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0170	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	05/21/2021 14:08	05/24/2021 22:15	BJ
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0170	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	05/21/2021 14:08	05/24/2021 22:15	BJ
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0170	1	EPA 8082A Certifications:	05/21/2021 14:08	05/24/2021 22:15	BJ
Surrogate Recoveries		Result		Acceptance Range						
877-09-8	Surrogate: Tetrachloro-m-xylene	84.0 %		30-120						
2051-24-3	Surrogate: Decachlorobiphenyl	57.0 %		30-120						

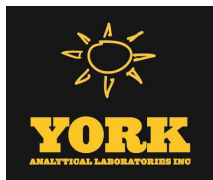
Herbicides, NYSDEC Part 375 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C/8151A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
93-72-1	2,4,5-TP (Silvex)	ND		ug/kg dry	20.9	1	EPA 8151A Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/26/2021 07:34	05/26/2021 19:16	BJ
Surrogate Recoveries		Result		Acceptance Range						
19719-28-9	Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)	81.4 %		21-150						



Sample Information

Client Sample ID: Comp 7 20210519

York Sample ID: 21E0875-33

York Project (SDG) No.
21E0875

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560909-Onekey

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Metals, NYSDEC Part 375

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	5.81		mg/kg dry	1.57	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/27/2021 15:30	05/28/2021 14:44	EM
7440-39-3	Barium	76.1		mg/kg dry	2.62	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/27/2021 15:30	05/28/2021 14:44	EM
7440-41-7	Beryllium	ND		mg/kg dry	0.052	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/27/2021 15:30	05/28/2021 14:44	EM
7440-43-9	Cadmium	ND		mg/kg dry	0.315	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/27/2021 15:30	05/28/2021 14:44	EM
7440-47-3	Chromium	17.5		mg/kg dry	0.525	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/27/2021 15:30	05/28/2021 14:44	EM
7440-50-8	Copper	32.4		mg/kg dry	2.10	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/27/2021 15:30	05/28/2021 14:44	EM
7439-92-1	Lead	35.7		mg/kg dry	0.525	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/27/2021 15:30	05/28/2021 14:44	EM
7439-96-5	Manganese	624		mg/kg dry	0.525	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/27/2021 15:30	05/28/2021 14:44	EM
7440-02-0	Nickel	23.7		mg/kg dry	1.05	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/27/2021 15:30	05/28/2021 14:44	EM
7782-49-2	Selenium	ND		mg/kg dry	2.62	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/27/2021 15:30	05/28/2021 14:44	EM
7440-22-4	Silver	ND		mg/kg dry	0.525	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/27/2021 15:30	05/28/2021 14:44	EM
7440-66-6	Zinc	78.4		mg/kg dry	2.62	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/27/2021 15:30	05/28/2021 14:44	EM

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	0.0737		mg/kg dry	0.0315	1	EPA 7473 Certifications: CTDOH,NJDEP,NELAC-NY10854,PADEP	05/27/2021 17:24	05/27/2021 19:05	AD

Chromium, Hexavalent

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND		mg/kg dry	0.525	1	EPA 7196A Certifications: NJDEP,CTDOH,NELAC-NY10854,PADEP	05/21/2021 07:29	05/21/2021 12:42	OT

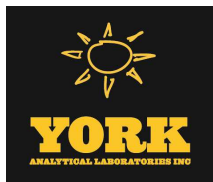
Chromium, Trivalent

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

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: Comp 7 20210519

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Chromium, Trivalent

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
16065-83-1	* Chromium, Trivalent	17.5		mg/kg	0.500	1	Calculation Certifications:	05/27/2021 11:07	05/28/2021 16:37	PAM

Cyanide, Total

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation Soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-12-5	Cyanide, total	ND		mg/kg dry	0.525	1	EPA 9014/9010C Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	05/21/2021 13:54	05/21/2021 20:28	MAO

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	95.2		%	0.100	1	SM 2540G Certifications: CTDOH	05/21/2021 08:15	05/21/2021 12:52	SK

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Semi-Volatiles, NYSDEC Part 375

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3546 SVOA

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		ug/kg dry	43.1	86.0	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 19:33	KH
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		ug/kg dry	86.0	172	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 19:33	KH
58-90-2	2,3,4,6-Tetrachlorophenol	ND		ug/kg dry	86.0	172	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 19:33	KH
95-95-4	2,4,5-Trichlorophenol	ND		ug/kg dry	43.1	86.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 19:33	KH
88-06-2	2,4,6-Trichlorophenol	ND		ug/kg dry	43.1	86.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 19:33	KH
120-83-2	2,4-Dichlorophenol	ND		ug/kg dry	43.1	86.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 19:33	KH
105-67-9	2,4-Dimethylphenol	ND		ug/kg dry	43.1	86.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 19:33	KH



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Semi-Volatiles, NYSDEC Part 375

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3546 SVOA

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
51-28-5	2,4-Dinitrophenol	ND		ug/kg dry	86.0	172	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 19:33	KH
121-14-2	2,4-Dinitrotoluene	ND		ug/kg dry	43.1	86.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 19:33	KH
606-20-2	2,6-Dinitrotoluene	ND		ug/kg dry	43.1	86.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 19:33	KH
91-58-7	2-Chloronaphthalene	ND		ug/kg dry	43.1	86.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 19:33	KH
95-57-8	2-Chlorophenol	ND		ug/kg dry	43.1	86.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 19:33	KH
91-57-6	2-Methylnaphthalene	ND		ug/kg dry	43.1	86.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 19:33	KH
95-48-7	2-Methylphenol	ND		ug/kg dry	43.1	86.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 19:33	KH
88-74-4	2-Nitroaniline	ND		ug/kg dry	86.0	172	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 19:33	KH
88-75-5	2-Nitrophenol	ND		ug/kg dry	43.1	86.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 19:33	KH
65794-96-9	3- & 4-Methylphenols	ND		ug/kg dry	43.1	86.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 19:33	KH
91-94-1	3,3-Dichlorobenzidine	ND		ug/kg dry	43.1	86.0	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 19:33	KH
99-09-2	3-Nitroaniline	ND		ug/kg dry	86.0	172	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 19:33	KH
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/kg dry	86.0	172	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 19:33	KH
101-55-3	4-Bromophenyl phenyl ether	ND		ug/kg dry	43.1	86.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 19:33	KH
59-50-7	4-Chloro-3-methylphenol	ND		ug/kg dry	43.1	86.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 19:33	KH
106-47-8	4-Chloroaniline	ND		ug/kg dry	43.1	86.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 19:33	KH
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/kg dry	43.1	86.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 19:33	KH
100-01-6	4-Nitroaniline	ND		ug/kg dry	86.0	172	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 19:33	KH
100-02-7	4-Nitrophenol	ND		ug/kg dry	86.0	172	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 19:33	KH
83-32-9	Acenaphthene	ND		ug/kg dry	43.1	86.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 19:33	KH
208-96-8	Acenaphthylene	ND		ug/kg dry	43.1	86.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 19:33	KH
98-86-2	Acetophenone	ND		ug/kg dry	43.1	86.0	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 19:33	KH
120-12-7	Anthracene	ND		ug/kg dry	43.1	86.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 19:33	KH



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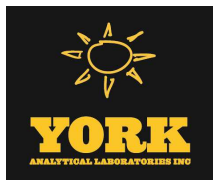
Semi-Volatiles, NYSDEC Part 375

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3546 SVOA

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
1912-24-9	Atrazine	ND		ug/kg dry	43.1	86.0	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 19:33	KH
100-52-7	Benzaldehyde	ND		ug/kg dry	43.1	86.0	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 19:33	KH
56-55-3	Benzo(a)anthracene	102		ug/kg dry	43.1	86.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 19:33	KH
50-32-8	Benzo(a)pyrene	118		ug/kg dry	43.1	86.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 19:33	KH
205-99-2	Benzo(b)fluoranthene	95.5		ug/kg dry	43.1	86.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 19:33	KH
191-24-2	Benzo(g,h,i)perylene	95.5		ug/kg dry	43.1	86.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 19:33	KH
207-08-9	Benzo(k)fluoranthene	113		ug/kg dry	43.1	86.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 19:33	KH
85-68-7	Benzyl butyl phthalate	ND		ug/kg dry	43.1	86.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 19:33	KH
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/kg dry	43.1	86.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 19:33	KH
111-44-4	Bis(2-chloroethyl)ether	ND		ug/kg dry	43.1	86.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 19:33	KH
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/kg dry	43.1	86.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 19:33	KH
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/kg dry	43.1	86.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 19:33	KH
105-60-2	Caprolactam	ND		ug/kg dry	86.0	172	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 19:33	KH
86-74-8	Carbazole	ND		ug/kg dry	43.1	86.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 19:33	KH
218-01-9	Chrysene	109		ug/kg dry	43.1	86.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 19:33	KH
53-70-3	Dibenzo(a,h)anthracene	ND		ug/kg dry	43.1	86.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 19:33	KH
132-64-9	Dibenzofuran	ND		ug/kg dry	43.1	86.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 19:33	KH
84-66-2	Diethyl phthalate	ND		ug/kg dry	43.1	86.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 19:33	KH
131-11-3	Dimethyl phthalate	ND		ug/kg dry	43.1	86.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 19:33	KH
84-74-2	Di-n-butyl phthalate	ND		ug/kg dry	43.1	86.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 19:33	KH
117-84-0	Di-n-octyl phthalate	ND		ug/kg dry	43.1	86.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 19:33	KH
206-44-0	Fluoranthene	175		ug/kg dry	43.1	86.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 19:33	KH
86-73-7	Fluorene	ND		ug/kg dry	43.1	86.0	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 19:33	KH



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Semi-Volatiles, NYSDEC Part 375

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3546 SVOA

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
118-74-1	Hexachlorobenzene	ND		ug/kg dry	43.1	86.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 19:33	KH
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	43.1	86.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 19:33	KH
77-47-4	Hexachlorocyclopentadiene	ND		ug/kg dry	43.1	86.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 19:33	KH
67-72-1	Hexachloroethane	ND		ug/kg dry	43.1	86.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 19:33	KH
193-39-5	Indeno(1,2,3-cd)pyrene	106		ug/kg dry	43.1	86.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 19:33	KH
78-59-1	Isophorone	ND		ug/kg dry	43.1	86.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 19:33	KH
91-20-3	Naphthalene	ND		ug/kg dry	43.1	86.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 19:33	KH
98-95-3	Nitrobenzene	ND		ug/kg dry	43.1	86.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 19:33	KH
621-64-7	N-nitroso-di-n-propylamine	ND		ug/kg dry	43.1	86.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 19:33	KH
86-30-6	N-Nitrosodiphenylamine	ND		ug/kg dry	43.1	86.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 19:33	KH
87-86-5	Pentachlorophenol	ND		ug/kg dry	43.1	86.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 19:33	KH
85-01-8	Phenanthrene	69.4	J	ug/kg dry	43.1	86.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 19:33	KH
108-95-2	Phenol	ND		ug/kg dry	43.1	86.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 19:33	KH
129-00-0	Pyrene	169		ug/kg dry	43.1	86.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 19:33	KH
Surrogate Recoveries		Result	Acceptance Range								
367-12-4	Surrogate: SURR: 2-Fluorophenol	48.0 %	30-130								
4165-62-2	Surrogate: SURR: Phenol-d5	52.7 %	30-130								
4165-60-0	Surrogate: SURR: Nitrobenzene-d5	47.7 %	30-130								
321-60-8	Surrogate: SURR: 2-Fluorobiphenyl	50.3 %	30-130								
118-79-6	Surrogate: SURR: 2,4,6-Tribromophenol	52.3 %	30-130								
1718-51-0	Surrogate: SURR: Terphenyl-d14	50.7 %	30-130								

Semi-Volatiles, 1,4-Dioxane 8270 SIM-Soil

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
123-91-1	1,4-Dioxane	ND		ug/kg	9.80	1	EPA 8270D SIM Certifications: NELAC-NY10854	05/26/2021 07:37	05/26/2021 18:13	KH
Surrogate Recoveries		Result	Acceptance Range							



Sample Information

Client Sample ID: Comp 8 20210519

York Sample ID: 21E0875-34

York Project (SDG) No.
21E0875

Client Project ID
560909-Onekey

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Soil

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May 19, 2021 11:15 am

Date Received
05/20/2021

Semi-Volatiles, 1,4-Dioxane 8270 SIM-Soil

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
17647-74-4	Surrogate: 1,4-Dioxane-d8	52.0 %			39-127.5					

Pesticides, NYSDEC Part 375 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		ug/kg dry	1.70	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/21/2021 14:08	05/25/2021 11:47	CM
72-55-9	4,4'-DDE	ND		ug/kg dry	1.70	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/21/2021 14:08	05/25/2021 11:47	CM
50-29-3	4,4'-DDT	ND		ug/kg dry	1.70	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/21/2021 14:08	05/25/2021 11:47	CM
309-00-2	Aldrin	ND		ug/kg dry	1.70	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/21/2021 14:08	05/25/2021 11:47	CM
319-84-6	alpha-BHC	ND		ug/kg dry	1.70	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/21/2021 14:08	05/25/2021 11:47	CM
5103-71-9	alpha-Chlordane	ND		ug/kg dry	1.70	5	EPA 8081B Certifications: NELAC-NY10854,NJDEP	05/21/2021 14:08	05/25/2021 11:47	CM
319-85-7	beta-BHC	ND		ug/kg dry	1.70	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/21/2021 14:08	05/25/2021 11:47	CM
319-86-8	delta-BHC	ND		ug/kg dry	1.70	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/21/2021 14:08	05/25/2021 11:47	CM
60-57-1	Dieldrin	ND		ug/kg dry	1.70	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/21/2021 14:08	05/25/2021 11:47	CM
959-98-8	Endosulfan I	ND		ug/kg dry	1.70	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/21/2021 14:08	05/25/2021 11:47	CM
33213-65-9	Endosulfan II	ND		ug/kg dry	1.70	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854	05/21/2021 14:08	05/25/2021 11:47	CM
1031-07-8	Endosulfan sulfate	ND		ug/kg dry	1.70	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/21/2021 14:08	05/25/2021 11:47	CM
72-20-8	Endrin	ND		ug/kg dry	1.70	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/21/2021 14:08	05/25/2021 11:47	CM
58-89-9	gamma-BHC (Lindane)	ND		ug/kg dry	1.70	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/21/2021 14:08	05/25/2021 11:47	CM
76-44-8	Heptachlor	ND		ug/kg dry	1.70	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/21/2021 14:08	05/25/2021 11:47	CM
Surrogate Recoveries		Result		Acceptance Range						
2051-24-3	Surrogate: Decachlorobiphenyl	80.8 %		30-150						
877-09-8	Surrogate: Tetrachloro-m-xylene	45.5 %		30-150						

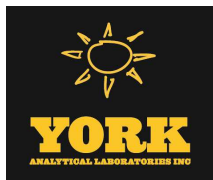
Polychlorinated Biphenyls (PCB)

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
120 RESEARCH DRIVE		STRATFORD, CT 06615		■		132-02 89th AVENUE		RICHMOND HILL, NY 11418		
www.YORKLAB.com		(203) 325-1371				FAX (203) 357-0166		ClientServices@		



Sample Information

Client Sample ID: Comp 8 20210519

York Sample ID: 21E0875-34

York Project (SDG) No.
21E0875

Client Project ID
560909-Onekey

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Polychlorinated Biphenyls (PCB)

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
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0172	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	05/21/2021 14:08	05/24/2021 22:28	BJ
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0172	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	05/21/2021 14:08	05/24/2021 22:28	BJ
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0172	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	05/21/2021 14:08	05/24/2021 22:28	BJ
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0172	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	05/21/2021 14:08	05/24/2021 22:28	BJ
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0172	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	05/21/2021 14:08	05/24/2021 22:28	BJ
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0172	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	05/21/2021 14:08	05/24/2021 22:28	BJ
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0172	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	05/21/2021 14:08	05/24/2021 22:28	BJ
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0172	1	EPA 8082A Certifications:	05/21/2021 14:08	05/24/2021 22:28	BJ
Surrogate Recoveries		Result		Acceptance Range						
877-09-8	Surrogate: Tetrachloro-m-xylene	75.0 %		30-120						
2051-24-3	Surrogate: Decachlorobiphenyl	46.0 %		30-120						

Herbicides, NYSDEC Part 375 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C/8151A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
93-72-1	2,4,5-TP (Silvex)	ND		ug/kg dry	20.7	1	EPA 8151A Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/26/2021 07:34	05/26/2021 19:27	BJ
Surrogate Recoveries		Result		Acceptance Range						
19719-28-9	Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)	60.2 %		21-150						

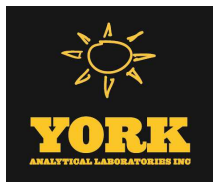
Metals, NYSDEC Part 375

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	5.00		mg/kg dry	1.56	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/27/2021 15:30	05/28/2021 14:48	EM
7440-39-3	Barium	79.9		mg/kg dry	2.60	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/27/2021 15:30	05/28/2021 14:48	EM
7440-41-7	Beryllium	0.089		mg/kg dry	0.052	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/27/2021 15:30	05/28/2021 14:48	EM
7440-43-9	Cadmium	ND		mg/kg dry	0.312	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/27/2021 15:30	05/28/2021 14:48	EM



Sample Information

Client Sample ID: Comp 8 20210519

York Sample ID: 21E0875-34

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May 19, 2021 11:15 am

Date Received

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Metals, NYSDEC Part 375

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
7440-47-3	Chromium	19.0		mg/kg dry	0.521	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/27/2021 15:30	05/28/2021 14:48	EM
7440-50-8	Copper	34.6		mg/kg dry	2.08	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/27/2021 15:30	05/28/2021 14:48	EM
7439-92-1	Lead	33.0		mg/kg dry	0.521	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/27/2021 15:30	05/28/2021 14:48	EM
7439-96-5	Manganese	731		mg/kg dry	0.521	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/27/2021 15:30	05/28/2021 14:48	EM
7440-02-0	Nickel	26.3		mg/kg dry	1.04	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/27/2021 15:30	05/28/2021 14:48	EM
7782-49-2	Selenium	ND		mg/kg dry	2.60	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/27/2021 15:30	05/28/2021 14:48	EM
7440-22-4	Silver	ND		mg/kg dry	0.521	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/27/2021 15:30	05/28/2021 14:48	EM
7440-66-6	Zinc	78.6		mg/kg dry	2.60	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/27/2021 15:30	05/28/2021 14:48	EM

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	0.0718		mg/kg dry	0.0312	1	EPA 7473 Certifications: CTDOH,NJDEP,NELAC-NY10854,PADEP	05/27/2021 17:24	05/27/2021 19:16	AD

Chromium, Hexavalent

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND		mg/kg dry	0.521	1	EPA 7196A Certifications: NJDEP,CTDOH,NELAC-NY10854,PADEP	05/21/2021 07:29	05/21/2021 12:42	OT

Chromium, Trivalent

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
16065-83-1	* Chromium, Trivalent	19.0		mg/kg	0.500	1	Calculation Certifications:	05/27/2021 11:07	05/28/2021 16:37	PAM

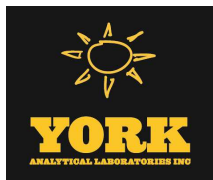
Cyanide, Total

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation Soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-12-5	Cyanide, total	ND		mg/kg dry	0.521	1	EPA 9014/9010C Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	05/21/2021 13:54	05/21/2021 20:28	MAO



Sample Information

Client Sample ID: Comp 8 20210519

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May 19, 2021 11:15 am

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05/20/2021

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	96.0		%	0.100	1	SM 2540G Certifications: CTDH	05/21/2021 08:15	05/21/2021 12:52	SK

Sample Information

Client Sample ID: Comp 9 20210519

York Sample ID: 21E0875-35

York Project (SDG) No.
21E0875

Client Project ID
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May 19, 2021 11:35 am

Date Received
05/20/2021

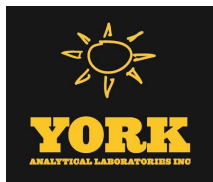
Semi-Volatiles, NYSDEC Part 375

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3546 SVOA

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		ug/kg dry	43.2	86.2	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 20:08	KH
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		ug/kg dry	86.2	172	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 20:08	KH
58-90-2	2,3,4,6-Tetrachlorophenol	ND		ug/kg dry	86.2	172	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 20:08	KH
95-95-4	2,4,5-Trichlorophenol	ND		ug/kg dry	43.2	86.2	2	EPA 8270D Certifications: CTDH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 20:08	KH
88-06-2	2,4,6-Trichlorophenol	ND		ug/kg dry	43.2	86.2	2	EPA 8270D Certifications: CTDH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 20:08	KH
120-83-2	2,4-Dichlorophenol	ND		ug/kg dry	43.2	86.2	2	EPA 8270D Certifications: CTDH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 20:08	KH
105-67-9	2,4-Dimethylphenol	ND		ug/kg dry	43.2	86.2	2	EPA 8270D Certifications: CTDH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 20:08	KH
51-28-5	2,4-Dinitrophenol	ND		ug/kg dry	86.2	172	2	EPA 8270D Certifications: CTDH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 20:08	KH
121-14-2	2,4-Dinitrotoluene	ND		ug/kg dry	43.2	86.2	2	EPA 8270D Certifications: CTDH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 20:08	KH
606-20-2	2,6-Dinitrotoluene	ND		ug/kg dry	43.2	86.2	2	EPA 8270D Certifications: CTDH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 20:08	KH
91-58-7	2-Chloronaphthalene	ND		ug/kg dry	43.2	86.2	2	EPA 8270D Certifications: CTDH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 20:08	KH
95-57-8	2-Chlorophenol	ND		ug/kg dry	43.2	86.2	2	EPA 8270D Certifications: CTDH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 20:08	KH
91-57-6	2-Methylnaphthalene	ND		ug/kg dry	43.2	86.2	2	EPA 8270D Certifications: CTDH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 20:08	KH
95-48-7	2-Methylphenol	ND		ug/kg dry	43.2	86.2	2	EPA 8270D Certifications: CTDH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 20:08	KH



Sample Information

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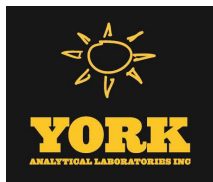
Semi-Volatiles, NYSDEC Part 375

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3546 SVOA

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
88-74-4	2-Nitroaniline	ND		ug/kg dry	86.2	172	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 20:08	KH
88-75-5	2-Nitrophenol	ND		ug/kg dry	43.2	86.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 20:08	KH
65794-96-9	3- & 4-Methylphenols	ND		ug/kg dry	43.2	86.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 20:08	KH
91-94-1	3,3-Dichlorobenzidine	ND		ug/kg dry	43.2	86.2	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 20:08	KH
99-09-2	3-Nitroaniline	ND		ug/kg dry	86.2	172	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 20:08	KH
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/kg dry	86.2	172	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 20:08	KH
101-55-3	4-Bromophenyl phenyl ether	ND		ug/kg dry	43.2	86.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 20:08	KH
59-50-7	4-Chloro-3-methylphenol	ND		ug/kg dry	43.2	86.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 20:08	KH
106-47-8	4-Chloroaniline	ND		ug/kg dry	43.2	86.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 20:08	KH
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/kg dry	43.2	86.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 20:08	KH
100-01-6	4-Nitroaniline	ND		ug/kg dry	86.2	172	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 20:08	KH
100-02-7	4-Nitrophenol	ND		ug/kg dry	86.2	172	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 20:08	KH
83-32-9	Acenaphthene	ND		ug/kg dry	43.2	86.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 20:08	KH
208-96-8	Acenaphthylene	ND		ug/kg dry	43.2	86.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 20:08	KH
98-86-2	Acetophenone	ND		ug/kg dry	43.2	86.2	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 20:08	KH
120-12-7	Anthracene	55.8	J	ug/kg dry	43.2	86.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 20:08	KH
1912-24-9	Atrazine	ND		ug/kg dry	43.2	86.2	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 20:08	KH
100-52-7	Benzaldehyde	ND		ug/kg dry	43.2	86.2	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 20:08	KH
56-55-3	Benzo(a)anthracene	149		ug/kg dry	43.2	86.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 20:08	KH
50-32-8	Benzo(a)pyrene	164		ug/kg dry	43.2	86.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 20:08	KH
205-99-2	Benzo(b)fluoranthene	128		ug/kg dry	43.2	86.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 20:08	KH
191-24-2	Benzo(g,h,i)perylene	142		ug/kg dry	43.2	86.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 20:08	KH
207-08-9	Benzo(k)fluoranthene	148		ug/kg dry	43.2	86.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 20:08	KH



Sample Information

Client Sample ID: Comp 9 20210519

York Sample ID: 21E0875-35

York Project (SDG) No.

21E0875

Client Project ID

560909-Onekey

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Collection Date/Time

May 19, 2021 11:35 am

Date Received

05/20/2021

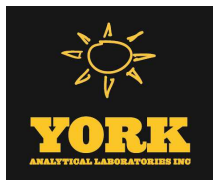
Semi-Volatiles, NYSDEC Part 375

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3546 SVOA

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
85-68-7	Benzyl butyl phthalate	ND		ug/kg dry	43.2	86.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 20:08	KH
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/kg dry	43.2	86.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 20:08	KH
111-44-4	Bis(2-chloroethyl)ether	ND		ug/kg dry	43.2	86.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 20:08	KH
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/kg dry	43.2	86.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 20:08	KH
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/kg dry	43.2	86.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 20:08	KH
105-60-2	Caprolactam	ND		ug/kg dry	86.2	172	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 20:08	KH
86-74-8	Carbazole	ND		ug/kg dry	43.2	86.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 20:08	KH
218-01-9	Chrysene	161		ug/kg dry	43.2	86.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 20:08	KH
53-70-3	Dibenzo(a,h)anthracene	ND		ug/kg dry	43.2	86.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 20:08	KH
132-64-9	Dibenzofuran	ND		ug/kg dry	43.2	86.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 20:08	KH
84-66-2	Diethyl phthalate	ND		ug/kg dry	43.2	86.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 20:08	KH
131-11-3	Dimethyl phthalate	ND		ug/kg dry	43.2	86.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 20:08	KH
84-74-2	Di-n-butyl phthalate	ND		ug/kg dry	43.2	86.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 20:08	KH
117-84-0	Di-n-octyl phthalate	ND		ug/kg dry	43.2	86.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 20:08	KH
206-44-0	Fluoranthene	297		ug/kg dry	43.2	86.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 20:08	KH
86-73-7	Fluorene	ND		ug/kg dry	43.2	86.2	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 20:08	KH
118-74-1	Hexachlorobenzene	ND		ug/kg dry	43.2	86.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 20:08	KH
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	43.2	86.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 20:08	KH
77-47-4	Hexachlorocyclopentadiene	ND		ug/kg dry	43.2	86.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 20:08	KH
67-72-1	Hexachloroethane	ND		ug/kg dry	43.2	86.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 20:08	KH
193-39-5	Indeno(1,2,3-cd)pyrene	127		ug/kg dry	43.2	86.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 20:08	KH
78-59-1	Isophorone	ND		ug/kg dry	43.2	86.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 20:08	KH
91-20-3	Naphthalene	ND		ug/kg dry	43.2	86.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 20:08	KH



Sample Information

Client Sample ID: Comp 9 20210519

York Sample ID: 21E0875-35

York Project (SDG) No.
21E0875

Client Project ID
560909-Onekey

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Soil

Collection Date/Time
May 19, 2021 11:35 am

Date Received
05/20/2021

Semi-Volatiles, NYSDEC Part 375

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3546 SVOA

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
98-95-3	Nitrobenzene	ND		ug/kg dry	43.2	86.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 20:08	KH
621-64-7	N-nitroso-di-n-propylamine	ND		ug/kg dry	43.2	86.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 20:08	KH
86-30-6	N-Nitrosodiphenylamine	ND		ug/kg dry	43.2	86.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 20:08	KH
87-86-5	Pentachlorophenol	ND		ug/kg dry	43.2	86.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 20:08	KH
85-01-8	Phenanthrene	183		ug/kg dry	43.2	86.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 20:08	KH
108-95-2	Phenol	ND		ug/kg dry	43.2	86.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 20:08	KH
129-00-0	Pyrene	266		ug/kg dry	43.2	86.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 20:08	KH
Surrogate Recoveries		Result	Acceptance Range								
367-12-4	Surrogate: SURR: 2-Fluorophenol	43.7 %	30-130								
4165-62-2	Surrogate: SURR: Phenol-d5	47.4 %	30-130								
4165-60-0	Surrogate: SURR: Nitrobenzene-d5	45.0 %	30-130								
321-60-8	Surrogate: SURR: 2-Fluorobiphenyl	48.3 %	30-130								
118-79-6	Surrogate: SURR: 2,4,6-Tribromophenol	47.6 %	30-130								
1718-51-0	Surrogate: SURR: Terphenyl-d14	51.7 %	30-130								

Semi-Volatiles, 1,4-Dioxane 8270 SIM-Soil

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
123-91-1	1,4-Dioxane	ND		ug/kg	9.80	1	EPA 8270D SIM Certifications: NELAC-NY10854	05/26/2021 07:37	05/26/2021 18:30	KH
Surrogate Recoveries		Result	Acceptance Range							
17647-74-4	Surrogate: 1,4-Dioxane-d8	50.0 %	39-127.5							

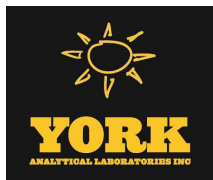
Pesticides, NYSDEC Part 375 Target List

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		ug/kg dry	1.69	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/21/2021 14:08	05/25/2021 17:02	CM
72-55-9	4,4'-DDE	ND		ug/kg dry	1.69	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/21/2021 14:08	05/25/2021 17:02	CM
50-29-3	4,4'-DDT	ND		ug/kg dry	1.69	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/21/2021 14:08	05/25/2021 17:02	CM



Sample Information

Client Sample ID: Comp 9 20210519

York Sample ID: 21E0875-35

York Project (SDG) No.
21E0875

Client Project ID
560909-Onekey

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May 19, 2021 11:35 am

Date Received
05/20/2021

Pesticides, NYSDEC Part 375 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
309-00-2	Aldrin	ND		ug/kg dry	1.69	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/21/2021 14:08	05/25/2021 17:02	CM
319-84-6	alpha-BHC	ND		ug/kg dry	1.69	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/21/2021 14:08	05/25/2021 17:02	CM
5103-71-9	alpha-Chlordane	ND		ug/kg dry	1.69	5	EPA 8081B Certifications: NELAC-NY10854,NJDEP	05/21/2021 14:08	05/25/2021 17:02	CM
319-85-7	beta-BHC	ND		ug/kg dry	1.69	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/21/2021 14:08	05/25/2021 17:02	CM
319-86-8	delta-BHC	ND		ug/kg dry	1.69	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/21/2021 14:08	05/25/2021 17:02	CM
60-57-1	Dieldrin	ND		ug/kg dry	1.69	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/21/2021 14:08	05/25/2021 17:02	CM
959-98-8	Endosulfan I	ND		ug/kg dry	1.69	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/21/2021 14:08	05/25/2021 17:02	CM
33213-65-9	Endosulfan II	ND		ug/kg dry	1.69	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854	05/21/2021 14:08	05/25/2021 17:02	CM
1031-07-8	Endosulfan sulfate	ND		ug/kg dry	1.69	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/21/2021 14:08	05/25/2021 17:02	CM
72-20-8	Endrin	ND		ug/kg dry	1.69	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/21/2021 14:08	05/25/2021 17:02	CM
58-89-9	gamma-BHC (Lindane)	ND		ug/kg dry	1.69	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/21/2021 14:08	05/25/2021 17:02	CM
76-44-8	Heptachlor	ND		ug/kg dry	1.69	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/21/2021 14:08	05/25/2021 17:02	CM
Surrogate Recoveries		Result		Acceptance Range						
2051-24-3	Surrogate: Decachlorobiphenyl	90.3 %		30-150						
877-09-8	Surrogate: Tetrachloro-m-xylene	51.9 %		30-150						

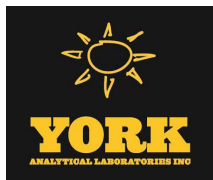
Polychlorinated Biphenyls (PCB)

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
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0171	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	05/21/2021 14:08	05/24/2021 22:42	BJ
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0171	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	05/21/2021 14:08	05/24/2021 22:42	BJ
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0171	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	05/21/2021 14:08	05/24/2021 22:42	BJ
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0171	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	05/21/2021 14:08	05/24/2021 22:42	BJ
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0171	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	05/21/2021 14:08	05/24/2021 22:42	BJ
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0171	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	05/21/2021 14:08	05/24/2021 22:42	BJ



Sample Information

Client Sample ID: Comp 9 20210519

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May 19, 2021 11:35 am

Date Received
05/20/2021

Polychlorinated Biphenyls (PCB)

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
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0171	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	05/21/2021 14:08	05/24/2021 22:42	BJ
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0171	1	EPA 8082A Certifications:	05/21/2021 14:08	05/24/2021 22:42	BJ
Surrogate Recoveries		Result		Acceptance Range						
877-09-8	Surrogate: Tetrachloro-m-xylene	86.5 %								
2051-24-3	Surrogate: Decachlorobiphenyl	54.5 %								

Herbicides, NYSDEC Part 375 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C/8151A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
93-72-1	2,4,5-TP (Silvex)	ND		ug/kg dry	20.8	1	EPA 8151A Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/26/2021 07:34	05/26/2021 19:37	BJ
Surrogate Recoveries		Result		Acceptance Range						
19719-28-9	Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)	68.4 %								

Metals, NYSDEC Part 375

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	6.06		mg/kg dry	1.57	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/27/2021 15:30	05/28/2021 14:52	EM
7440-39-3	Barium	91.7		mg/kg dry	2.61	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/27/2021 15:30	05/28/2021 14:52	EM
7440-41-7	Beryllium	ND		mg/kg dry	0.052	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/27/2021 15:30	05/28/2021 14:52	EM
7440-43-9	Cadmium	ND		mg/kg dry	0.313	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/27/2021 15:30	05/28/2021 14:52	EM
7440-47-3	Chromium	19.7		mg/kg dry	0.522	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/27/2021 15:30	05/28/2021 14:52	EM
7440-50-8	Copper	34.7		mg/kg dry	2.09	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/27/2021 15:30	05/28/2021 14:52	EM
7439-92-1	Lead	35.4		mg/kg dry	0.522	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/27/2021 15:30	05/28/2021 14:52	EM
7439-96-5	Manganese	683		mg/kg dry	0.522	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/27/2021 15:30	05/28/2021 14:52	EM
7440-02-0	Nickel	25.9		mg/kg dry	1.04	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/27/2021 15:30	05/28/2021 14:52	EM
7782-49-2	Selenium	ND		mg/kg dry	2.61	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/27/2021 15:30	05/28/2021 14:52	EM



Sample Information

Client Sample ID: Comp 9 20210519

York Sample ID: 21E0875-35

York Project (SDG) No.
21E0875

Client Project ID
560909-Onekey

Matrix
Soil

Collection Date/Time
May 19, 2021 11:35 am

Date Received
05/20/2021

Metals, NYSDEC Part 375

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
7440-22-4	Silver	ND		mg/kg dry	0.522	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/27/2021 15:30	05/28/2021 14:52	EM
7440-66-6	Zinc	81.7		mg/kg dry	2.61	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/27/2021 15:30	05/28/2021 14:52	EM

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	0.0670		mg/kg dry	0.0313	1	EPA 7473 Certifications: CTDOH,NJDEP,NELAC-NY10854,PADEP	05/27/2021 17:24	05/27/2021 19:26	AD

Chromium, Hexavalent

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND		mg/kg dry	0.522	1	EPA 7196A Certifications: NJDEP,CTDOH,NELAC-NY10854,PADEP	05/21/2021 07:29	05/21/2021 12:42	OT

Chromium, Trivalent

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
16065-83-1	* Chromium, Trivalent	19.7		mg/kg	0.500	1	Calculation Certifications:	05/27/2021 11:07	05/28/2021 16:37	PAM

Cyanide, Total

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation Soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-12-5	Cyanide, total	ND		mg/kg dry	0.522	1	EPA 9014/9010C Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	05/21/2021 13:54	05/21/2021 20:28	MAO

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	95.7		%	0.100	1	SM 2540G Certifications: CTDOH	05/21/2021 08:15	05/21/2021 12:52	SK



Sample Information

Client Sample ID: Comp 10 20210519

York Sample ID: 21E0875-36

York Project (SDG) No.
21E0875

Client Project ID
560909-Onekey

Matrix
Soil

Collection Date/Time
May 19, 2021 11:45 am

Date Received
05/20/2021

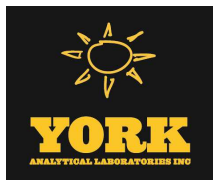
Semi-Volatiles, NYSDEC Part 375

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3546 SVOA

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		ug/kg dry	42.5	84.9	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 20:44	KH
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		ug/kg dry	84.9	170	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 20:44	KH
58-90-2	2,3,4,6-Tetrachlorophenol	ND		ug/kg dry	84.9	170	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 20:44	KH
95-95-4	2,4,5-Trichlorophenol	ND		ug/kg dry	42.5	84.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 20:44	KH
88-06-2	2,4,6-Trichlorophenol	ND		ug/kg dry	42.5	84.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 20:44	KH
120-83-2	2,4-Dichlorophenol	ND		ug/kg dry	42.5	84.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 20:44	KH
105-67-9	2,4-Dimethylphenol	ND		ug/kg dry	42.5	84.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 20:44	KH
51-28-5	2,4-Dinitrophenol	ND		ug/kg dry	84.9	170	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 20:44	KH
121-14-2	2,4-Dinitrotoluene	ND		ug/kg dry	42.5	84.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 20:44	KH
606-20-2	2,6-Dinitrotoluene	ND		ug/kg dry	42.5	84.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 20:44	KH
91-58-7	2-Chloronaphthalene	ND		ug/kg dry	42.5	84.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 20:44	KH
95-57-8	2-Chlorophenol	ND		ug/kg dry	42.5	84.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 20:44	KH
91-57-6	2-Methylnaphthalene	ND		ug/kg dry	42.5	84.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 20:44	KH
95-48-7	2-Methylphenol	ND		ug/kg dry	42.5	84.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 20:44	KH
88-74-4	2-Nitroaniline	ND		ug/kg dry	84.9	170	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 20:44	KH
88-75-5	2-Nitrophenol	ND		ug/kg dry	42.5	84.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 20:44	KH
65794-96-9	3- & 4-Methylphenols	ND		ug/kg dry	42.5	84.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 20:44	KH
91-94-1	3,3-Dichlorobenzidine	ND		ug/kg dry	42.5	84.9	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 20:44	KH
99-09-2	3-Nitroaniline	ND		ug/kg dry	84.9	170	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 20:44	KH
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/kg dry	84.9	170	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 20:44	KH
101-55-3	4-Bromophenyl phenyl ether	ND		ug/kg dry	42.5	84.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 20:44	KH
59-50-7	4-Chloro-3-methylphenol	ND		ug/kg dry	42.5	84.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 20:44	KH
106-47-8	4-Chloroaniline	ND		ug/kg dry	42.5	84.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 20:44	KH



Sample Information

Client Sample ID: Comp 10 20210519

York Sample ID: 21E0875-36

York Project (SDG) No.
21E0875

Client Project ID
560909-Onekey

Matrix
Soil

Collection Date/Time
May 19, 2021 11:45 am

Date Received
05/20/2021

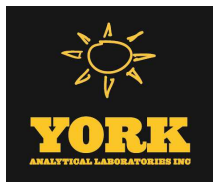
Semi-Volatiles, NYSDEC Part 375

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3546 SVOA

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/kg dry	42.5	84.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 20:44	KH
100-01-6	4-Nitroaniline	ND		ug/kg dry	84.9	170	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 20:44	KH
100-02-7	4-Nitrophenol	ND		ug/kg dry	84.9	170	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 20:44	KH
83-32-9	Acenaphthene	45.5	J	ug/kg dry	42.5	84.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 20:44	KH
208-96-8	Acenaphthylene	105		ug/kg dry	42.5	84.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 20:44	KH
98-86-2	Acetophenone	ND		ug/kg dry	42.5	84.9	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 20:44	KH
120-12-7	Anthracene	301		ug/kg dry	42.5	84.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 20:44	KH
1912-24-9	Atrazine	ND		ug/kg dry	42.5	84.9	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 20:44	KH
100-52-7	Benzaldehyde	ND		ug/kg dry	42.5	84.9	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 20:44	KH
56-55-3	Benzo(a)anthracene	735		ug/kg dry	42.5	84.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 20:44	KH
50-32-8	Benzo(a)pyrene	730		ug/kg dry	42.5	84.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 20:44	KH
205-99-2	Benzo(b)fluoranthene	613		ug/kg dry	42.5	84.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 20:44	KH
191-24-2	Benzo(g,h,i)perylene	522		ug/kg dry	42.5	84.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 20:44	KH
207-08-9	Benzo(k)fluoranthene	632		ug/kg dry	42.5	84.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 20:44	KH
85-68-7	Benzyl butyl phthalate	ND		ug/kg dry	42.5	84.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 20:44	KH
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/kg dry	42.5	84.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 20:44	KH
111-44-4	Bis(2-chloroethyl)ether	ND		ug/kg dry	42.5	84.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 20:44	KH
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/kg dry	42.5	84.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 20:44	KH
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/kg dry	42.5	84.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 20:44	KH
105-60-2	Caprolactam	ND		ug/kg dry	84.9	170	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 20:44	KH
86-74-8	Carbazole	ND		ug/kg dry	42.5	84.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 20:44	KH
218-01-9	Chrysene	708		ug/kg dry	42.5	84.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 20:44	KH
53-70-3	Dibenzo(a,h)anthracene	105		ug/kg dry	42.5	84.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 20:44	KH



Sample Information

Client Sample ID: Comp 10 20210519

York Sample ID: 21E0875-36

York Project (SDG) No.

21E0875

Client Project ID

560909-Onekey

Matrix

Soil

Collection Date/Time

May 19, 2021 11:45 am

Date Received

05/20/2021

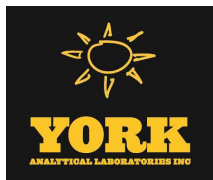
Semi-Volatiles, NYSDEC Part 375

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3546 SVOA

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
132-64-9	Dibenzofuran	ND		ug/kg dry	42.5	84.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 20:44	KH
84-66-2	Diethyl phthalate	ND		ug/kg dry	42.5	84.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 20:44	KH
131-11-3	Dimethyl phthalate	ND		ug/kg dry	42.5	84.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 20:44	KH
84-74-2	Di-n-butyl phthalate	ND		ug/kg dry	42.5	84.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 20:44	KH
117-84-0	Di-n-octyl phthalate	ND		ug/kg dry	42.5	84.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 20:44	KH
206-44-0	Fluoranthene	1630		ug/kg dry	42.5	84.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 20:44	KH
86-73-7	Fluorene	76.7	J	ug/kg dry	42.5	84.9	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 20:44	KH
118-74-1	Hexachlorobenzene	ND		ug/kg dry	42.5	84.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 20:44	KH
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	42.5	84.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 20:44	KH
77-47-4	Hexachlorocyclopentadiene	ND		ug/kg dry	42.5	84.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 20:44	KH
67-72-1	Hexachloroethane	ND		ug/kg dry	42.5	84.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 20:44	KH
193-39-5	Indeno(1,2,3-cd)pyrene	561		ug/kg dry	42.5	84.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 20:44	KH
78-59-1	Isophorone	ND		ug/kg dry	42.5	84.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 20:44	KH
91-20-3	Naphthalene	ND		ug/kg dry	42.5	84.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 20:44	KH
98-95-3	Nitrobenzene	ND		ug/kg dry	42.5	84.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 20:44	KH
621-64-7	N-nitroso-di-n-propylamine	ND		ug/kg dry	42.5	84.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 20:44	KH
86-30-6	N-Nitrosodiphenylamine	ND		ug/kg dry	42.5	84.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 20:44	KH
87-86-5	Pentachlorophenol	ND		ug/kg dry	42.5	84.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 20:44	KH
85-01-8	Phenanthrene	797		ug/kg dry	42.5	84.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 20:44	KH
108-95-2	Phenol	ND		ug/kg dry	42.5	84.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 20:44	KH
129-00-0	Pyrene	1300		ug/kg dry	42.5	84.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 20:44	KH
Surrogate Recoveries		Result	Acceptance Range								
367-12-4	Surrogate: SURR: 2-Fluorophenol	39.5 %	30-130								
4165-62-2	Surrogate: SURR: Phenol-d5	42.0 %	30-130								
4165-60-0	Surrogate: SURR: Nitrobenzene-d5	40.5 %	30-130								



Sample Information

Client Sample ID: Comp 10 20210519

York Sample ID: 21E0875-36

York Project (SDG) No.
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Semi-Volatiles, NYSDEC Part 375

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3546 SVOA

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
321-60-8	Surrogate: SURR: 2-Fluorobiphenyl	42.2 %			30-130						
118-79-6	Surrogate: SURR: 2,4,6-Tribromophenol	44.2 %			30-130						
1718-51-0	Surrogate: SURR: Terphenyl-d14	44.7 %			30-130						

Semi-Volatiles, 1,4-Dioxane 8270 SIM-Soil

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
123-91-1	1,4-Dioxane	ND		ug/kg	9.80	1	EPA 8270D SIM Certifications: NELAC-NY10854	05/26/2021 07:37	05/26/2021 18:47	KH
Surrogate Recoveries		Result		Acceptance Range						
17647-74-4	Surrogate: 1,4-Dioxane-d8	52.0 %			39-127.5					

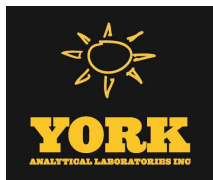
Pesticides, NYSDEC Part 375 Target List

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		ug/kg dry	1.70	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/21/2021 14:08	05/25/2021 17:19	CM
72-55-9	4,4'-DDE	ND		ug/kg dry	1.70	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/21/2021 14:08	05/25/2021 17:19	CM
50-29-3	4,4'-DDT	ND		ug/kg dry	1.70	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/21/2021 14:08	05/25/2021 17:19	CM
309-00-2	Aldrin	ND		ug/kg dry	1.70	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/21/2021 14:08	05/25/2021 17:19	CM
319-84-6	alpha-BHC	ND		ug/kg dry	1.70	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/21/2021 14:08	05/25/2021 17:19	CM
5103-71-9	alpha-Chlordane	ND		ug/kg dry	1.70	5	EPA 8081B Certifications: NELAC-NY10854,NJDEP	05/21/2021 14:08	05/25/2021 17:19	CM
319-85-7	beta-BHC	ND		ug/kg dry	1.70	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/21/2021 14:08	05/25/2021 17:19	CM
319-86-8	delta-BHC	ND		ug/kg dry	1.70	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/21/2021 14:08	05/25/2021 17:19	CM
60-57-1	Dieldrin	ND		ug/kg dry	1.70	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/21/2021 14:08	05/25/2021 17:19	CM
959-98-8	Endosulfan I	ND		ug/kg dry	1.70	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/21/2021 14:08	05/25/2021 17:19	CM
33213-65-9	Endosulfan II	ND		ug/kg dry	1.70	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854	05/21/2021 14:08	05/25/2021 17:19	CM
1031-07-8	Endosulfan sulfate	ND		ug/kg dry	1.70	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/21/2021 14:08	05/25/2021 17:19	CM
72-20-8	Endrin	ND		ug/kg dry	1.70	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/21/2021 14:08	05/25/2021 17:19	CM



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Pesticides, NYSDEC Part 375 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
58-89-9	gamma-BHC (Lindane)	ND		ug/kg dry	1.70	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/21/2021 14:08	05/25/2021 17:19	CM
76-44-8	Heptachlor	ND		ug/kg dry	1.70	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/21/2021 14:08	05/25/2021 17:19	CM
Surrogate Recoveries		Result		Acceptance Range						
2051-24-3	Surrogate: Decachlorobiphenyl	88.5 %		30-150						
877-09-8	Surrogate: Tetrachloro-m-xylene	53.7 %		30-150						

Polychlorinated Biphenyls (PCB)

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
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0171	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	05/21/2021 14:08	05/24/2021 22:55	BJ
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0171	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	05/21/2021 14:08	05/24/2021 22:55	BJ
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0171	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	05/21/2021 14:08	05/24/2021 22:55	BJ
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0171	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	05/21/2021 14:08	05/24/2021 22:55	BJ
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0171	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	05/21/2021 14:08	05/24/2021 22:55	BJ
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0171	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	05/21/2021 14:08	05/24/2021 22:55	BJ
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0171	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	05/21/2021 14:08	05/24/2021 22:55	BJ
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0171	1	EPA 8082A Certifications:	05/21/2021 14:08	05/24/2021 22:55	BJ
Surrogate Recoveries		Result		Acceptance Range						
877-09-8	Surrogate: Tetrachloro-m-xylene	79.0 %		30-120						
2051-24-3	Surrogate: Decachlorobiphenyl	53.5 %		30-120						

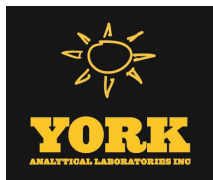
Herbicides, NYSDEC Part 375 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C/8151A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
93-72-1	2,4,5-TP (Silvex)	ND		ug/kg dry	20.7	1	EPA 8151A Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/26/2021 07:34	05/26/2021 19:48	BJ
Surrogate Recoveries		Result		Acceptance Range						
19719-28-9	Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)	63.0 %		21-150						



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Metals, NYSDEC Part 375

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	6.89		mg/kg dry	1.56	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/27/2021 15:30	05/28/2021 14:55	EM
7440-39-3	Barium	91.8		mg/kg dry	2.60	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/27/2021 15:30	05/28/2021 14:55	EM
7440-41-7	Beryllium	0.113		mg/kg dry	0.052	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/27/2021 15:30	05/28/2021 14:55	EM
7440-43-9	Cadmium	ND		mg/kg dry	0.312	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/27/2021 15:30	05/28/2021 14:55	EM
7440-47-3	Chromium	19.5		mg/kg dry	0.521	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/27/2021 15:30	05/28/2021 14:55	EM
7440-50-8	Copper	36.1		mg/kg dry	2.08	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/27/2021 15:30	05/28/2021 14:55	EM
7439-92-1	Lead	39.2		mg/kg dry	0.521	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/27/2021 15:30	05/28/2021 14:55	EM
7439-96-5	Manganese	651		mg/kg dry	0.521	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/27/2021 15:30	05/28/2021 14:55	EM
7440-02-0	Nickel	25.0		mg/kg dry	1.04	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/27/2021 15:30	05/28/2021 14:55	EM
7782-49-2	Selenium	ND		mg/kg dry	2.60	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/27/2021 15:30	05/28/2021 14:55	EM
7440-22-4	Silver	ND		mg/kg dry	0.521	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/27/2021 15:30	05/28/2021 14:55	EM
7440-66-6	Zinc	85.3		mg/kg dry	2.60	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/27/2021 15:30	05/28/2021 14:55	EM

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	0.0610		mg/kg dry	0.0312	1	EPA 7473 Certifications: CTDOH,NJDEP,NELAC-NY10854,PADEP	05/27/2021 17:24	05/27/2021 19:36	AD

Chromium, Hexavalent

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND		mg/kg dry	0.521	1	EPA 7196A Certifications: NJDEP,CTDOH,NELAC-NY10854,PADEP	05/21/2021 07:29	05/21/2021 12:42	OT

Chromium, Trivalent

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

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: Comp 10 20210519

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Chromium, Trivalent

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
16065-83-1	* Chromium, Trivalent	19.5		mg/kg	0.500	1	Calculation Certifications:	05/27/2021 11:07	05/28/2021 16:37	PAM

Cyanide, Total

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation Soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-12-5	Cyanide, total	ND		mg/kg dry	0.521	1	EPA 9014/9010C Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	05/21/2021 13:54	05/21/2021 20:28	MAO

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	96.0		%	0.100	1	SM 2540G Certifications: CTDOH	05/21/2021 08:15	05/21/2021 12:52	SK

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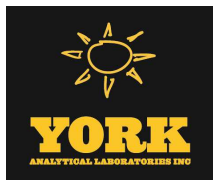
Semi-Volatiles, NYSDEC Part 375

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3546 SVOA

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		ug/kg dry	43.3	86.4	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 21:20	KH
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		ug/kg dry	86.4	173	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 21:20	KH
58-90-2	2,3,4,6-Tetrachlorophenol	ND		ug/kg dry	86.4	173	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 21:20	KH
95-95-4	2,4,5-Trichlorophenol	ND		ug/kg dry	43.3	86.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 21:20	KH
88-06-2	2,4,6-Trichlorophenol	ND		ug/kg dry	43.3	86.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 21:20	KH
120-83-2	2,4-Dichlorophenol	ND		ug/kg dry	43.3	86.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 21:20	KH
105-67-9	2,4-Dimethylphenol	ND		ug/kg dry	43.3	86.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 21:20	KH



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Sample Notes:

Sample Prepared by Method: EPA 3546 SVOA

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
51-28-5	2,4-Dinitrophenol	ND		ug/kg dry	86.4	173	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 21:20	KH
121-14-2	2,4-Dinitrotoluene	ND		ug/kg dry	43.3	86.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 21:20	KH
606-20-2	2,6-Dinitrotoluene	ND		ug/kg dry	43.3	86.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 21:20	KH
91-58-7	2-Chloronaphthalene	ND		ug/kg dry	43.3	86.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 21:20	KH
95-57-8	2-Chlorophenol	ND		ug/kg dry	43.3	86.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 21:20	KH
91-57-6	2-Methylnaphthalene	ND		ug/kg dry	43.3	86.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 21:20	KH
95-48-7	2-Methylphenol	ND		ug/kg dry	43.3	86.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 21:20	KH
88-74-4	2-Nitroaniline	ND		ug/kg dry	86.4	173	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 21:20	KH
88-75-5	2-Nitrophenol	ND		ug/kg dry	43.3	86.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 21:20	KH
65794-96-9	3- & 4-Methylphenols	ND		ug/kg dry	43.3	86.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 21:20	KH
91-94-1	3,3-Dichlorobenzidine	ND		ug/kg dry	43.3	86.4	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 21:20	KH
99-09-2	3-Nitroaniline	ND		ug/kg dry	86.4	173	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 21:20	KH
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/kg dry	86.4	173	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 21:20	KH
101-55-3	4-Bromophenyl phenyl ether	ND		ug/kg dry	43.3	86.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 21:20	KH
59-50-7	4-Chloro-3-methylphenol	ND		ug/kg dry	43.3	86.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 21:20	KH
106-47-8	4-Chloroaniline	ND		ug/kg dry	43.3	86.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 21:20	KH
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/kg dry	43.3	86.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 21:20	KH
100-01-6	4-Nitroaniline	ND		ug/kg dry	86.4	173	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 21:20	KH
100-02-7	4-Nitrophenol	ND		ug/kg dry	86.4	173	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 21:20	KH
83-32-9	Acenaphthene	ND		ug/kg dry	43.3	86.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 21:20	KH
208-96-8	Acenaphthylene	ND		ug/kg dry	43.3	86.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 21:20	KH
98-86-2	Acetophenone	ND		ug/kg dry	43.3	86.4	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 21:20	KH
120-12-7	Anthracene	ND		ug/kg dry	43.3	86.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 21:20	KH



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05/20/2021

Semi-Volatiles, NYSDEC Part 375

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3546 SVOA

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
1912-24-9	Atrazine	ND		ug/kg dry	43.3	86.4	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 21:20	KH
100-52-7	Benzaldehyde	ND		ug/kg dry	43.3	86.4	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 21:20	KH
56-55-3	Benzo(a)anthracene	74.6	J	ug/kg dry	43.3	86.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 21:20	KH
50-32-8	Benzo(a)pyrene	87.1		ug/kg dry	43.3	86.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 21:20	KH
205-99-2	Benzo(b)fluoranthene	69.8	J	ug/kg dry	43.3	86.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 21:20	KH
191-24-2	Benzo(g,h,i)perylene	71.9	J	ug/kg dry	43.3	86.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 21:20	KH
207-08-9	Benzo(k)fluoranthene	76.7	J	ug/kg dry	43.3	86.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 21:20	KH
85-68-7	Benzyl butyl phthalate	ND		ug/kg dry	43.3	86.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 21:20	KH
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/kg dry	43.3	86.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 21:20	KH
111-44-4	Bis(2-chloroethyl)ether	ND		ug/kg dry	43.3	86.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 21:20	KH
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/kg dry	43.3	86.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 21:20	KH
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/kg dry	43.3	86.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 21:20	KH
105-60-2	Caprolactam	ND		ug/kg dry	86.4	173	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 21:20	KH
86-74-8	Carbazole	ND		ug/kg dry	43.3	86.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 21:20	KH
218-01-9	Chrysene	78.1	J	ug/kg dry	43.3	86.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 21:20	KH
53-70-3	Dibenzo(a,h)anthracene	ND		ug/kg dry	43.3	86.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 21:20	KH
132-64-9	Dibenzofuran	ND		ug/kg dry	43.3	86.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 21:20	KH
84-66-2	Diethyl phthalate	ND		ug/kg dry	43.3	86.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 21:20	KH
131-11-3	Dimethyl phthalate	ND		ug/kg dry	43.3	86.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 21:20	KH
84-74-2	Di-n-butyl phthalate	ND		ug/kg dry	43.3	86.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 21:20	KH
117-84-0	Di-n-octyl phthalate	ND		ug/kg dry	43.3	86.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 21:20	KH
206-44-0	Fluoranthene	106		ug/kg dry	43.3	86.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 21:20	KH
86-73-7	Fluorene	ND		ug/kg dry	43.3	86.4	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 21:20	KH



Sample Information

Client Sample ID: Comp 11 20210519

York Sample ID: 21E0875-37

York Project (SDG) No.
21E0875

Client Project ID
560909-Onekey

Matrix
Soil

Collection Date/Time
May 19, 2021 12:15 pm

Date Received
05/20/2021

Semi-Volatiles, NYSDEC Part 375

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3546 SVOA

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
118-74-1	Hexachlorobenzene	ND		ug/kg dry	43.3	86.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 21:20	KH
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	43.3	86.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 21:20	KH
77-47-4	Hexachlorocyclopentadiene	ND		ug/kg dry	43.3	86.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 21:20	KH
67-72-1	Hexachloroethane	ND		ug/kg dry	43.3	86.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 21:20	KH
193-39-5	Indeno(1,2,3-cd)pyrene	80.8	J	ug/kg dry	43.3	86.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 21:20	KH
78-59-1	Isophorone	ND		ug/kg dry	43.3	86.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 21:20	KH
91-20-3	Naphthalene	ND		ug/kg dry	43.3	86.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 21:20	KH
98-95-3	Nitrobenzene	ND		ug/kg dry	43.3	86.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 21:20	KH
621-64-7	N-nitroso-di-n-propylamine	ND		ug/kg dry	43.3	86.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 21:20	KH
86-30-6	N-Nitrosodiphenylamine	ND		ug/kg dry	43.3	86.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 21:20	KH
87-86-5	Pentachlorophenol	ND		ug/kg dry	43.3	86.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 21:20	KH
85-01-8	Phenanthrene	51.1	J	ug/kg dry	43.3	86.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 21:20	KH
108-95-2	Phenol	ND		ug/kg dry	43.3	86.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 21:20	KH
129-00-0	Pyrene	111		ug/kg dry	43.3	86.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 21:20	KH
Surrogate Recoveries		Result	Acceptance Range								
367-12-4	Surrogate: SURR: 2-Fluorophenol	40.3 %	30-130								
4165-62-2	Surrogate: SURR: Phenol-d5	43.1 %	30-130								
4165-60-0	Surrogate: SURR: Nitrobenzene-d5	41.0 %	30-130								
321-60-8	Surrogate: SURR: 2-Fluorobiphenyl	44.8 %	30-130								
118-79-6	Surrogate: SURR: 2,4,6-Tribromophenol	46.3 %	30-130								
1718-51-0	Surrogate: SURR: Terphenyl-d14	47.9 %	30-130								

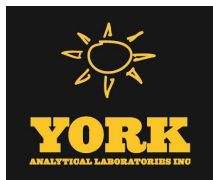
Semi-Volatiles, 1,4-Dioxane 8270 SIM-Soil

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
123-91-1	1,4-Dioxane	ND		ug/kg	9.80	1	EPA 8270D SIM Certifications: NELAC-NY10854	05/26/2021 07:37	05/26/2021 19:05	KH
Surrogate Recoveries		Result	Acceptance Range							



Sample Information

Client Sample ID: Comp 11 20210519

York Sample ID: 21E0875-37

York Project (SDG) No.
21E0875

Client Project ID
560909-Onekey

Matrix
Soil

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May 19, 2021 12:15 pm

Date Received
05/20/2021

Semi-Volatiles, 1,4-Dioxane 8270 SIM-Soil

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
17647-74-4	Surrogate: 1,4-Dioxane-d8	48.0 %			39-127.5					

Pesticides, NYSDEC Part 375 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		ug/kg dry	1.69	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/21/2021 14:08	05/25/2021 17:35	CM
72-55-9	4,4'-DDE	ND		ug/kg dry	1.69	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/21/2021 14:08	05/25/2021 17:35	CM
50-29-3	4,4'-DDT	ND		ug/kg dry	1.69	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/21/2021 14:08	05/25/2021 17:35	CM
309-00-2	Aldrin	ND		ug/kg dry	1.69	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/21/2021 14:08	05/25/2021 17:35	CM
319-84-6	alpha-BHC	ND		ug/kg dry	1.69	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/21/2021 14:08	05/25/2021 17:35	CM
5103-71-9	alpha-Chlordane	ND		ug/kg dry	1.69	5	EPA 8081B Certifications: NELAC-NY10854,NJDEP	05/21/2021 14:08	05/25/2021 17:35	CM
319-85-7	beta-BHC	ND		ug/kg dry	1.69	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/21/2021 14:08	05/25/2021 17:35	CM
319-86-8	delta-BHC	ND		ug/kg dry	1.69	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/21/2021 14:08	05/25/2021 17:35	CM
60-57-1	Dieldrin	ND		ug/kg dry	1.69	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/21/2021 14:08	05/25/2021 17:35	CM
959-98-8	Endosulfan I	ND		ug/kg dry	1.69	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/21/2021 14:08	05/25/2021 17:35	CM
33213-65-9	Endosulfan II	ND		ug/kg dry	1.69	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854	05/21/2021 14:08	05/25/2021 17:35	CM
1031-07-8	Endosulfan sulfate	ND		ug/kg dry	1.69	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/21/2021 14:08	05/25/2021 17:35	CM
72-20-8	Endrin	ND		ug/kg dry	1.69	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/21/2021 14:08	05/25/2021 17:35	CM
58-89-9	gamma-BHC (Lindane)	ND		ug/kg dry	1.69	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/21/2021 14:08	05/25/2021 17:35	CM
76-44-8	Heptachlor	ND		ug/kg dry	1.69	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/21/2021 14:08	05/25/2021 17:35	CM
Surrogate Recoveries		Result		Acceptance Range						
2051-24-3	Surrogate: Decachlorobiphenyl	82.7 %			30-150					
877-09-8	Surrogate: Tetrachloro-m-xylene	53.7 %			30-150					

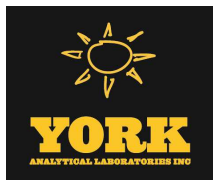
Polychlorinated Biphenyls (PCB)

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
120 RESEARCH DRIVE		STRATFORD, CT 06615		■		132-02 89th AVENUE		RICHMOND HILL, NY 11418		
www.YORKLAB.com		(203) 325-1371				FAX (203) 357-0166		ClientServices@		



Sample Information

Client Sample ID: Comp 11 20210519

York Sample ID: 21E0875-37

York Project (SDG) No.
21E0875

Client Project ID
560909-Onekey

Matrix
Soil

Collection Date/Time
May 19, 2021 12:15 pm

Date Received
05/20/2021

Polychlorinated Biphenyls (PCB)

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
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0171	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	05/21/2021 14:08	05/24/2021 23:09	BJ
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0171	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	05/21/2021 14:08	05/24/2021 23:09	BJ
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0171	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	05/21/2021 14:08	05/24/2021 23:09	BJ
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0171	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	05/21/2021 14:08	05/24/2021 23:09	BJ
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0171	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	05/21/2021 14:08	05/24/2021 23:09	BJ
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0171	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	05/21/2021 14:08	05/24/2021 23:09	BJ
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0171	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	05/21/2021 14:08	05/24/2021 23:09	BJ
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0171	1	EPA 8082A Certifications:	05/21/2021 14:08	05/24/2021 23:09	BJ
Surrogate Recoveries		Result		Acceptance Range						
877-09-8	Surrogate: Tetrachloro-m-xylene	77.5 %		30-120						
2051-24-3	Surrogate: Decachlorobiphenyl	48.0 %		30-120						

Herbicides, NYSDEC Part 375 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C/8151A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
93-72-1	2,4,5-TP (Silvex)	ND		ug/kg dry	20.8	1	EPA 8151A Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/26/2021 07:34	05/26/2021 19:59	BJ
Surrogate Recoveries		Result		Acceptance Range						
19719-28-9	Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)	66.2 %		21-150						

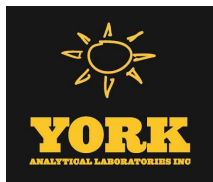
Metals, NYSDEC Part 375

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	5.40		mg/kg dry	1.57	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/27/2021 15:30	05/28/2021 14:59	EM
7440-39-3	Barium	70.1		mg/kg dry	2.62	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/27/2021 15:30	05/28/2021 14:59	EM
7440-41-7	Beryllium	ND		mg/kg dry	0.052	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/27/2021 15:30	05/28/2021 14:59	EM
7440-43-9	Cadmium	ND		mg/kg dry	0.314	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/27/2021 15:30	05/28/2021 14:59	EM



Sample Information

Client Sample ID: Comp 11 20210519

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Soil

Collection Date/Time

May 19, 2021 12:15 pm

Date Received

05/20/2021

Metals, NYSDEC Part 375

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
7440-47-3	Chromium	16.5		mg/kg dry	0.523	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/27/2021 15:30	05/28/2021 14:59	EM
7440-50-8	Copper	30.2		mg/kg dry	2.09	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/27/2021 15:30	05/28/2021 14:59	EM
7439-92-1	Lead	31.7		mg/kg dry	0.523	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/27/2021 15:30	05/28/2021 14:59	EM
7439-96-5	Manganese	635		mg/kg dry	0.523	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/27/2021 15:30	05/28/2021 14:59	EM
7440-02-0	Nickel	22.2		mg/kg dry	1.05	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/27/2021 15:30	05/28/2021 14:59	EM
7782-49-2	Selenium	ND		mg/kg dry	2.62	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/27/2021 15:30	05/28/2021 14:59	EM
7440-22-4	Silver	ND		mg/kg dry	0.523	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/27/2021 15:30	05/28/2021 14:59	EM
7440-66-6	Zinc	74.4		mg/kg dry	2.62	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/27/2021 15:30	05/28/2021 14:59	EM

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	0.0728		mg/kg dry	0.0314	1	EPA 7473 Certifications: CTDOH,NJDEP,NELAC-NY10854,PADEP	05/27/2021 17:24	05/27/2021 20:18	AD

Chromium, Hexavalent

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND		mg/kg dry	0.523	1	EPA 7196A Certifications: NJDEP,CTDOH,NELAC-NY10854,PADEP	05/21/2021 07:29	05/21/2021 12:42	OT

Chromium, Trivalent

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
16065-83-1	* Chromium, Trivalent	16.5		mg/kg	0.500	1	Calculation Certifications:	05/27/2021 11:07	05/28/2021 16:37	PAM

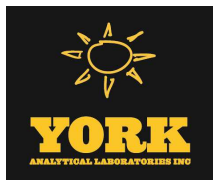
Cyanide, Total

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation Soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-12-5	Cyanide, total	ND		mg/kg dry	0.523	1	EPA 9014/9010C Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	05/21/2021 13:54	05/21/2021 20:28	MAO



Sample Information

Client Sample ID: Comp 11 20210519

York Sample ID: 21E0875-37

York Project (SDG) No.
21E0875

Client Project ID
560909-Onekey

Matrix
Soil

Collection Date/Time
May 19, 2021 12:15 pm

Date Received
05/20/2021

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	95.5		%	0.100	1	SM 2540G Certifications: CTDH	05/21/2021 08:15	05/21/2021 12:52	SK

Sample Information

Client Sample ID: Comp 12 20210519

York Sample ID: 21E0875-38

York Project (SDG) No.
21E0875

Client Project ID
560909-Onekey

Matrix
Soil

Collection Date/Time
May 19, 2021 12:35 pm

Date Received
05/20/2021

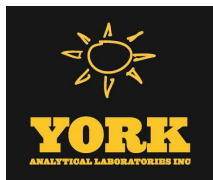
Semi-Volatiles, NYSDEC Part 375

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3546 SVOA

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		ug/kg dry	43.0	85.9	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 21:56	KH
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		ug/kg dry	85.9	171	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 21:56	KH
58-90-2	2,3,4,6-Tetrachlorophenol	ND		ug/kg dry	85.9	171	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 21:56	KH
95-95-4	2,4,5-Trichlorophenol	ND		ug/kg dry	43.0	85.9	2	EPA 8270D Certifications: CTDH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 21:56	KH
88-06-2	2,4,6-Trichlorophenol	ND		ug/kg dry	43.0	85.9	2	EPA 8270D Certifications: CTDH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 21:56	KH
120-83-2	2,4-Dichlorophenol	ND		ug/kg dry	43.0	85.9	2	EPA 8270D Certifications: CTDH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 21:56	KH
105-67-9	2,4-Dimethylphenol	ND		ug/kg dry	43.0	85.9	2	EPA 8270D Certifications: CTDH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 21:56	KH
51-28-5	2,4-Dinitrophenol	ND		ug/kg dry	85.9	171	2	EPA 8270D Certifications: CTDH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 21:56	KH
121-14-2	2,4-Dinitrotoluene	ND		ug/kg dry	43.0	85.9	2	EPA 8270D Certifications: CTDH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 21:56	KH
606-20-2	2,6-Dinitrotoluene	ND		ug/kg dry	43.0	85.9	2	EPA 8270D Certifications: CTDH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 21:56	KH
91-58-7	2-Chloronaphthalene	ND		ug/kg dry	43.0	85.9	2	EPA 8270D Certifications: CTDH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 21:56	KH
95-57-8	2-Chlorophenol	ND		ug/kg dry	43.0	85.9	2	EPA 8270D Certifications: CTDH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 21:56	KH
91-57-6	2-Methylnaphthalene	ND		ug/kg dry	43.0	85.9	2	EPA 8270D Certifications: CTDH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 21:56	KH
95-48-7	2-Methylphenol	ND		ug/kg dry	43.0	85.9	2	EPA 8270D Certifications: CTDH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 21:56	KH



Sample Information

Client Sample ID: Comp 12 20210519

York Sample ID: 21E0875-38

York Project (SDG) No.
21E0875

Client Project ID
560909-Onekey

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Soil

Collection Date/Time
May 19, 2021 12:35 pm

Date Received
05/20/2021

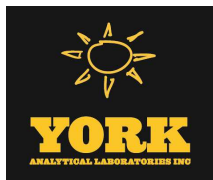
Semi-Volatiles, NYSDEC Part 375

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3546 SVOA

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
88-74-4	2-Nitroaniline	ND		ug/kg dry	85.9	171	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 21:56	KH
88-75-5	2-Nitrophenol	ND		ug/kg dry	43.0	85.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 21:56	KH
65794-96-9	3- & 4-Methylphenols	ND		ug/kg dry	43.0	85.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 21:56	KH
91-94-1	3,3-Dichlorobenzidine	ND		ug/kg dry	43.0	85.9	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 21:56	KH
99-09-2	3-Nitroaniline	ND		ug/kg dry	85.9	171	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 21:56	KH
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/kg dry	85.9	171	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 21:56	KH
101-55-3	4-Bromophenyl phenyl ether	ND		ug/kg dry	43.0	85.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 21:56	KH
59-50-7	4-Chloro-3-methylphenol	ND		ug/kg dry	43.0	85.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 21:56	KH
106-47-8	4-Chloroaniline	ND		ug/kg dry	43.0	85.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 21:56	KH
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/kg dry	43.0	85.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 21:56	KH
100-01-6	4-Nitroaniline	ND		ug/kg dry	85.9	171	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 21:56	KH
100-02-7	4-Nitrophenol	ND		ug/kg dry	85.9	171	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 21:56	KH
83-32-9	Acenaphthene	ND		ug/kg dry	43.0	85.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 21:56	KH
208-96-8	Acenaphthylene	ND		ug/kg dry	43.0	85.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 21:56	KH
98-86-2	Acetophenone	ND		ug/kg dry	43.0	85.9	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 21:56	KH
120-12-7	Anthracene	ND		ug/kg dry	43.0	85.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 21:56	KH
1912-24-9	Atrazine	ND		ug/kg dry	43.0	85.9	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 21:56	KH
100-52-7	Benzaldehyde	ND		ug/kg dry	43.0	85.9	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 21:56	KH
56-55-3	Benzo(a)anthracene	64.5	J	ug/kg dry	43.0	85.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 21:56	KH
50-32-8	Benzo(a)pyrene	70.7	J	ug/kg dry	43.0	85.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 21:56	KH
205-99-2	Benzo(b)fluoranthene	62.5	J	ug/kg dry	43.0	85.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 21:56	KH
191-24-2	Benzo(g,h,i)perylene	55.6	J	ug/kg dry	43.0	85.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 21:56	KH
207-08-9	Benzo(k)fluoranthene	65.2	J	ug/kg dry	43.0	85.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 21:56	KH



Sample Information

Client Sample ID: Comp 12 20210519

York Sample ID: 21E0875-38

York Project (SDG) No.
21E0875

Client Project ID
560909-Onekey

Matrix
Soil

Collection Date/Time
May 19, 2021 12:35 pm

Date Received
05/20/2021

Semi-Volatiles, NYSDEC Part 375

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3546 SVOA

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
85-68-7	Benzyl butyl phthalate	ND		ug/kg dry	43.0	85.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 21:56	KH
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/kg dry	43.0	85.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 21:56	KH
111-44-4	Bis(2-chloroethyl)ether	ND		ug/kg dry	43.0	85.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 21:56	KH
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/kg dry	43.0	85.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 21:56	KH
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/kg dry	43.0	85.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 21:56	KH
105-60-2	Caprolactam	ND		ug/kg dry	85.9	171	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 21:56	KH
86-74-8	Carbazole	ND		ug/kg dry	43.0	85.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 21:56	KH
218-01-9	Chrysene	67.9	J	ug/kg dry	43.0	85.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 21:56	KH
53-70-3	Dibenzo(a,h)anthracene	ND		ug/kg dry	43.0	85.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 21:56	KH
132-64-9	Dibenzofuran	ND		ug/kg dry	43.0	85.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 21:56	KH
84-66-2	Diethyl phthalate	ND		ug/kg dry	43.0	85.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 21:56	KH
131-11-3	Dimethyl phthalate	ND		ug/kg dry	43.0	85.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 21:56	KH
84-74-2	Di-n-butyl phthalate	ND		ug/kg dry	43.0	85.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 21:56	KH
117-84-0	Di-n-octyl phthalate	ND		ug/kg dry	43.0	85.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 21:56	KH
206-44-0	Fluoranthene	91.3		ug/kg dry	43.0	85.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 21:56	KH
86-73-7	Fluorene	ND		ug/kg dry	43.0	85.9	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 21:56	KH
118-74-1	Hexachlorobenzene	ND		ug/kg dry	43.0	85.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 21:56	KH
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	43.0	85.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 21:56	KH
77-47-4	Hexachlorocyclopentadiene	ND		ug/kg dry	43.0	85.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 21:56	KH
67-72-1	Hexachloroethane	ND		ug/kg dry	43.0	85.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 21:56	KH
193-39-5	Indeno(1,2,3-cd)pyrene	65.9	J	ug/kg dry	43.0	85.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 21:56	KH
78-59-1	Isophorone	ND		ug/kg dry	43.0	85.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 21:56	KH
91-20-3	Naphthalene	ND		ug/kg dry	43.0	85.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 21:56	KH



Sample Information

Client Sample ID: Comp 12 20210519

York Sample ID: 21E0875-38

York Project (SDG) No.
21E0875

Client Project ID
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Matrix
Soil

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May 19, 2021 12:35 pm

Date Received
05/20/2021

Semi-Volatiles, NYSDEC Part 375

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3546 SVOA

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
98-95-3	Nitrobenzene	ND		ug/kg dry	43.0	85.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 21:56	KH
621-64-7	N-nitroso-di-n-propylamine	ND		ug/kg dry	43.0	85.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 21:56	KH
86-30-6	N-Nitrosodiphenylamine	ND		ug/kg dry	43.0	85.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 21:56	KH
87-86-5	Pentachlorophenol	ND		ug/kg dry	43.0	85.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 21:56	KH
85-01-8	Phenanthrene	ND		ug/kg dry	43.0	85.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 21:56	KH
108-95-2	Phenol	ND		ug/kg dry	43.0	85.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 21:56	KH
129-00-0	Pyrene	87.2		ug/kg dry	43.0	85.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 21:56	KH
Surrogate Recoveries		Result		Acceptance Range							
367-12-4	Surrogate: SURR: 2-Fluorophenol	41.4 %		30-130							
4165-62-2	Surrogate: SURR: Phenol-d5	43.4 %		30-130							
4165-60-0	Surrogate: SURR: Nitrobenzene-d5	42.8 %		30-130							
321-60-8	Surrogate: SURR: 2-Fluorobiphenyl	43.2 %		30-130							
118-79-6	Surrogate: SURR: 2,4,6-Tribromophenol	43.3 %		30-130							
1718-51-0	Surrogate: SURR: Terphenyl-d14	45.2 %		30-130							

Semi-Volatiles, 1,4-Dioxane 8270 SIM-Soil

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
123-91-1	1,4-Dioxane	ND		ug/kg	9.80	1	EPA 8270D SIM Certifications: NELAC-NY10854	05/26/2021 07:37	05/26/2021 19:22	KH
Surrogate Recoveries		Result		Acceptance Range						
17647-74-4	Surrogate: 1,4-Dioxane-d8	48.0 %		39-127.5						

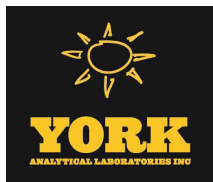
Pesticides, NYSDEC Part 375 Target List

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		ug/kg dry	1.68	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/21/2021 14:08	05/25/2021 17:52	CM
72-55-9	4,4'-DDE	ND		ug/kg dry	1.68	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/21/2021 14:08	05/25/2021 17:52	CM
50-29-3	4,4'-DDT	ND		ug/kg dry	1.68	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/21/2021 14:08	05/25/2021 17:52	CM



Sample Information

Client Sample ID: Comp 12 20210519

York Sample ID: 21E0875-38

York Project (SDG) No.

21E0875

Client Project ID

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May 19, 2021 12:35 pm

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Pesticides, NYSDEC Part 375 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
309-00-2	Aldrin	ND		ug/kg dry	1.68	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/21/2021 14:08	05/25/2021 17:52	CM
319-84-6	alpha-BHC	ND		ug/kg dry	1.68	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/21/2021 14:08	05/25/2021 17:52	CM
5103-71-9	alpha-Chlordane	ND		ug/kg dry	1.68	5	EPA 8081B Certifications: NELAC-NY10854,NJDEP	05/21/2021 14:08	05/25/2021 17:52	CM
319-85-7	beta-BHC	ND		ug/kg dry	1.68	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/21/2021 14:08	05/25/2021 17:52	CM
319-86-8	delta-BHC	ND		ug/kg dry	1.68	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/21/2021 14:08	05/25/2021 17:52	CM
60-57-1	Dieldrin	ND		ug/kg dry	1.68	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/21/2021 14:08	05/25/2021 17:52	CM
959-98-8	Endosulfan I	ND		ug/kg dry	1.68	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/21/2021 14:08	05/25/2021 17:52	CM
33213-65-9	Endosulfan II	ND		ug/kg dry	1.68	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854	05/21/2021 14:08	05/25/2021 17:52	CM
1031-07-8	Endosulfan sulfate	ND		ug/kg dry	1.68	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/21/2021 14:08	05/25/2021 17:52	CM
72-20-8	Endrin	ND		ug/kg dry	1.68	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/21/2021 14:08	05/25/2021 17:52	CM
58-89-9	gamma-BHC (Lindane)	ND		ug/kg dry	1.68	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/21/2021 14:08	05/25/2021 17:52	CM
76-44-8	Heptachlor	ND		ug/kg dry	1.68	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/21/2021 14:08	05/25/2021 17:52	CM
Surrogate Recoveries		Result	Acceptance Range							
2051-24-3	Surrogate: Decachlorobiphenyl	85.9 %	30-150							
877-09-8	Surrogate: Tetrachloro-m-xylene	48.5 %	30-150							

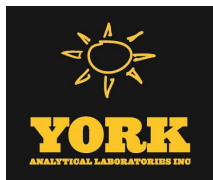
Polychlorinated Biphenyls (PCB)

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
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0169	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	05/21/2021 14:08	05/24/2021 23:22	BJ
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0169	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	05/21/2021 14:08	05/24/2021 23:22	BJ
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0169	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	05/21/2021 14:08	05/24/2021 23:22	BJ
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0169	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	05/21/2021 14:08	05/24/2021 23:22	BJ
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0169	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	05/21/2021 14:08	05/24/2021 23:22	BJ
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0169	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	05/21/2021 14:08	05/24/2021 23:22	BJ



Sample Information

Client Sample ID: Comp 12 20210519

York Sample ID: 21E0875-38

York Project (SDG) No.
21E0875

Client Project ID
560909-Onekey

Matrix
Soil

Collection Date/Time
May 19, 2021 12:35 pm

Date Received
05/20/2021

Polychlorinated Biphenyls (PCB)

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
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0169	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	05/21/2021 14:08	05/24/2021 23:22	BJ
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0169	1	EPA 8082A Certifications:	05/21/2021 14:08	05/24/2021 23:22	BJ
Surrogate Recoveries		Result		Acceptance Range						
877-09-8	Surrogate: Tetrachloro-m-xylene	84.5 %		30-120						
2051-24-3	Surrogate: Decachlorobiphenyl	54.0 %		30-120						

Herbicides, NYSDEC Part 375 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C/8151A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
93-72-1	2,4,5-TP (Silvex)	ND		ug/kg dry	20.7	1	EPA 8151A Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/26/2021 07:34	05/26/2021 20:10	BJ
Surrogate Recoveries		Result		Acceptance Range						
19719-28-9	Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)	74.6 %		21-150						

Metals, NYSDEC Part 375

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	7.28		mg/kg dry	1.56	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/27/2021 15:30	05/28/2021 15:03	EM
7440-39-3	Barium	88.8		mg/kg dry	2.61	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/27/2021 15:30	05/28/2021 15:03	EM
7440-41-7	Beryllium	0.103		mg/kg dry	0.052	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/27/2021 15:30	05/28/2021 15:03	EM
7440-43-9	Cadmium	ND		mg/kg dry	0.313	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/27/2021 15:30	05/28/2021 15:03	EM
7440-47-3	Chromium	19.7		mg/kg dry	0.522	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/27/2021 15:30	05/28/2021 15:03	EM
7440-50-8	Copper	36.2		mg/kg dry	2.09	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/27/2021 15:30	05/28/2021 15:03	EM
7439-92-1	Lead	37.5		mg/kg dry	0.522	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/27/2021 15:30	05/28/2021 15:03	EM
7439-96-5	Manganese	715		mg/kg dry	0.522	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/27/2021 15:30	05/28/2021 15:03	EM
7440-02-0	Nickel	25.9		mg/kg dry	1.04	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/27/2021 15:30	05/28/2021 15:03	EM
7782-49-2	Selenium	ND		mg/kg dry	2.61	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/27/2021 15:30	05/28/2021 15:03	EM



Sample Information

Client Sample ID: Comp 12 20210519

York Sample ID: 21E0875-38

York Project (SDG) No.
21E0875

Client Project ID
560909-Onekey

Matrix
Soil

Collection Date/Time
May 19, 2021 12:35 pm

Date Received
05/20/2021

Metals, NYSDEC Part 375

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
7440-22-4	Silver	ND		mg/kg dry	0.522	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/27/2021 15:30	05/28/2021 15:03	EM
7440-66-6	Zinc	85.4		mg/kg dry	2.61	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/27/2021 15:30	05/28/2021 15:03	EM

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	0.0684		mg/kg dry	0.0313	1	EPA 7473 Certifications: CTDOH,NJDEP,NELAC-NY10854,PADEP	05/27/2021 17:24	05/27/2021 20:27	AD

Chromium, Hexavalent

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND		mg/kg dry	0.522	1	EPA 7196A Certifications: NJDEP,CTDOH,NELAC-NY10854,PADEP	05/21/2021 07:29	05/21/2021 12:42	OT

Chromium, Trivalent

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
16065-83-1	* Chromium, Trivalent	19.7		mg/kg	0.500	1	Calculation Certifications:	05/27/2021 11:07	05/28/2021 16:37	PAM

Cyanide, Total

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation Soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-12-5	Cyanide, total	ND		mg/kg dry	0.522	1	EPA 9014/9010C Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	05/21/2021 13:54	05/21/2021 20:28	MAO

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	95.9		%	0.100	1	SM 2540G Certifications: CTDOH	05/21/2021 08:15	05/21/2021 12:52	SK



Sample Information

Client Sample ID: Comp 13 20210519

York Sample ID: 21E0875-39

York Project (SDG) No.
21E0875

Client Project ID
560909-Onekey

Matrix
Soil

Collection Date/Time
May 19, 2021 12:05 pm

Date Received
05/20/2021

Semi-Volatiles, NYSDEC Part 375

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3546 SVOA

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		ug/kg dry	42.3	84.3	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 20:28	KH
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		ug/kg dry	84.3	168	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 20:28	KH
58-90-2	2,3,4,6-Tetrachlorophenol	ND		ug/kg dry	84.3	168	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 20:28	KH
95-95-4	2,4,5-Trichlorophenol	ND		ug/kg dry	42.3	84.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 20:28	KH
88-06-2	2,4,6-Trichlorophenol	ND		ug/kg dry	42.3	84.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 20:28	KH
120-83-2	2,4-Dichlorophenol	ND		ug/kg dry	42.3	84.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 20:28	KH
105-67-9	2,4-Dimethylphenol	ND		ug/kg dry	42.3	84.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 20:28	KH
51-28-5	2,4-Dinitrophenol	ND		ug/kg dry	84.3	168	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 20:28	KH
121-14-2	2,4-Dinitrotoluene	ND		ug/kg dry	42.3	84.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 20:28	KH
606-20-2	2,6-Dinitrotoluene	ND		ug/kg dry	42.3	84.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 20:28	KH
91-58-7	2-Chloronaphthalene	ND		ug/kg dry	42.3	84.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 20:28	KH
95-57-8	2-Chlorophenol	ND		ug/kg dry	42.3	84.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 20:28	KH
91-57-6	2-Methylnaphthalene	ND		ug/kg dry	42.3	84.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 20:28	KH
95-48-7	2-Methylphenol	ND		ug/kg dry	42.3	84.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 20:28	KH
88-74-4	2-Nitroaniline	ND		ug/kg dry	84.3	168	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 20:28	KH
88-75-5	2-Nitrophenol	ND		ug/kg dry	42.3	84.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 20:28	KH
65794-96-9	3- & 4-Methylphenols	ND		ug/kg dry	42.3	84.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 20:28	KH
91-94-1	3,3-Dichlorobenzidine	ND		ug/kg dry	42.3	84.3	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 20:28	KH
99-09-2	3-Nitroaniline	ND		ug/kg dry	84.3	168	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 20:28	KH
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/kg dry	84.3	168	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 20:28	KH
101-55-3	4-Bromophenyl phenyl ether	ND		ug/kg dry	42.3	84.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 20:28	KH
59-50-7	4-Chloro-3-methylphenol	ND		ug/kg dry	42.3	84.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 20:28	KH
106-47-8	4-Chloroaniline	ND		ug/kg dry	42.3	84.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 20:28	KH



Sample Information

Client Sample ID: Comp 13 20210519

York Sample ID: 21E0875-39

York Project (SDG) No.
21E0875

Client Project ID
560909-Onekey

Matrix
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Collection Date/Time
May 19, 2021 12:05 pm

Date Received
05/20/2021

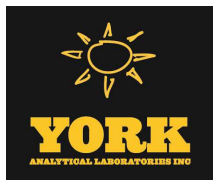
Semi-Volatiles, NYSDEC Part 375

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3546 SVOA

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/kg dry	42.3	84.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 20:28	KH
100-01-6	4-Nitroaniline	ND		ug/kg dry	84.3	168	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 20:28	KH
100-02-7	4-Nitrophenol	ND		ug/kg dry	84.3	168	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 20:28	KH
83-32-9	Acenaphthene	ND		ug/kg dry	42.3	84.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 20:28	KH
208-96-8	Acenaphthylene	ND		ug/kg dry	42.3	84.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 20:28	KH
98-86-2	Acetophenone	ND		ug/kg dry	42.3	84.3	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 20:28	KH
120-12-7	Anthracene	ND		ug/kg dry	42.3	84.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 20:28	KH
1912-24-9	Atrazine	ND		ug/kg dry	42.3	84.3	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 20:28	KH
100-52-7	Benzaldehyde	ND		ug/kg dry	42.3	84.3	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 20:28	KH
56-55-3	Benzo(a)anthracene	68.1	J	ug/kg dry	42.3	84.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 20:28	KH
50-32-8	Benzo(a)pyrene	64.1	J	ug/kg dry	42.3	84.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 20:28	KH
205-99-2	Benzo(b)fluoranthene	53.9	J	ug/kg dry	42.3	84.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 20:28	KH
191-24-2	Benzo(g,h,i)perylene	54.6	J	ug/kg dry	42.3	84.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 20:28	KH
207-08-9	Benzo(k)fluoranthene	63.4	J	ug/kg dry	42.3	84.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 20:28	KH
85-68-7	Benzyl butyl phthalate	ND		ug/kg dry	42.3	84.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 20:28	KH
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/kg dry	42.3	84.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 20:28	KH
111-44-4	Bis(2-chloroethyl)ether	ND		ug/kg dry	42.3	84.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 20:28	KH
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/kg dry	42.3	84.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 20:28	KH
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/kg dry	42.3	84.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 20:28	KH
105-60-2	Caprolactam	ND		ug/kg dry	84.3	168	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 20:28	KH
86-74-8	Carbazole	ND		ug/kg dry	42.3	84.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 20:28	KH
218-01-9	Chrysene	82.9	J	ug/kg dry	42.3	84.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 20:28	KH
53-70-3	Dibenzo(a,h)anthracene	ND		ug/kg dry	42.3	84.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 20:28	KH



Sample Information

Client Sample ID: Comp 13 20210519

York Sample ID: 21E0875-39

York Project (SDG) No.
21E0875

Client Project ID
560909-Onekey

Matrix
Soil

Collection Date/Time
May 19, 2021 12:05 pm

Date Received
05/20/2021

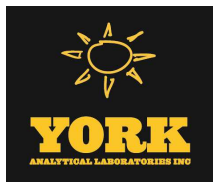
Semi-Volatiles, NYSDEC Part 375

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3546 SVOA

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
132-64-9	Dibenzofuran	ND		ug/kg dry	42.3	84.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 20:28	KH
84-66-2	Diethyl phthalate	ND		ug/kg dry	42.3	84.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 20:28	KH
131-11-3	Dimethyl phthalate	ND		ug/kg dry	42.3	84.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 20:28	KH
84-74-2	Di-n-butyl phthalate	ND		ug/kg dry	42.3	84.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 20:28	KH
117-84-0	Di-n-octyl phthalate	ND		ug/kg dry	42.3	84.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 20:28	KH
206-44-0	Fluoranthene	116		ug/kg dry	42.3	84.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 20:28	KH
86-73-7	Fluorene	ND		ug/kg dry	42.3	84.3	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 20:28	KH
118-74-1	Hexachlorobenzene	ND		ug/kg dry	42.3	84.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 20:28	KH
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	42.3	84.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 20:28	KH
77-47-4	Hexachlorocyclopentadiene	ND		ug/kg dry	42.3	84.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 20:28	KH
67-72-1	Hexachloroethane	ND		ug/kg dry	42.3	84.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 20:28	KH
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/kg dry	42.3	84.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 20:28	KH
78-59-1	Isophorone	ND		ug/kg dry	42.3	84.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 20:28	KH
91-20-3	Naphthalene	ND		ug/kg dry	42.3	84.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 20:28	KH
98-95-3	Nitrobenzene	ND		ug/kg dry	42.3	84.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 20:28	KH
621-64-7	N-nitroso-di-n-propylamine	ND		ug/kg dry	42.3	84.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 20:28	KH
86-30-6	N-Nitrosodiphenylamine	ND		ug/kg dry	42.3	84.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 20:28	KH
87-86-5	Pentachlorophenol	ND		ug/kg dry	42.3	84.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 20:28	KH
85-01-8	Phenanthrene	67.4	J	ug/kg dry	42.3	84.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 20:28	KH
108-95-2	Phenol	ND		ug/kg dry	42.3	84.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 20:28	KH
129-00-0	Pyrene	115		ug/kg dry	42.3	84.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 20:28	KH
Surrogate Recoveries		Result	Acceptance Range								
367-12-4	Surrogate: SURR: 2-Fluorophenol	46.7 %	30-130								
4165-62-2	Surrogate: SURR: Phenol-d5	47.1 %	30-130								
4165-60-0	Surrogate: SURR: Nitrobenzene-d5	57.9 %	30-130								



Sample Information

Client Sample ID: Comp 13 20210519

York Sample ID: 21E0875-39

York Project (SDG) No.

21E0875

Client Project ID

560909-Onekey

Matrix

Soil

Collection Date/Time

May 19, 2021 12:05 pm

Date Received

05/20/2021

Semi-Volatiles, NYSDEC Part 375

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3546 SVOA

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
321-60-8	Surrogate: SURR: 2-Fluorobiphenyl	43.8 %			30-130						
118-79-6	Surrogate: SURR: 2,4,6-Tribromophenol	45.0 %			30-130						
1718-51-0	Surrogate: SURR: Terphenyl-d14	54.0 %			30-130						

Semi-Volatiles, 1,4-Dioxane 8270 SIM-Soil

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
123-91-1	1,4-Dioxane	ND		ug/kg	9.17	1	EPA 8270D SIM Certifications: NELAC-NY10854	05/24/2021 08:22	05/25/2021 10:55	KH
Surrogate Recoveries		Result		Acceptance Range						
17647-74-4	Surrogate: 1,4-Dioxane-d8	64.0 %			39-127.5					

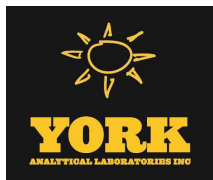
Pesticides, NYSDEC Part 375 Target List

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		ug/kg dry	1.70	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/21/2021 14:08	05/25/2021 18:09	CM
72-55-9	4,4'-DDE	ND		ug/kg dry	1.70	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/21/2021 14:08	05/25/2021 18:09	CM
50-29-3	4,4'-DDT	ND		ug/kg dry	1.70	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/21/2021 14:08	05/25/2021 18:09	CM
309-00-2	Aldrin	ND		ug/kg dry	1.70	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/21/2021 14:08	05/25/2021 18:09	CM
319-84-6	alpha-BHC	ND		ug/kg dry	1.70	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/21/2021 14:08	05/25/2021 18:09	CM
5103-71-9	alpha-Chlordane	ND		ug/kg dry	1.70	5	EPA 8081B Certifications: NELAC-NY10854,NJDEP	05/21/2021 14:08	05/25/2021 18:09	CM
319-85-7	beta-BHC	ND		ug/kg dry	1.70	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/21/2021 14:08	05/25/2021 18:09	CM
319-86-8	delta-BHC	ND		ug/kg dry	1.70	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/21/2021 14:08	05/25/2021 18:09	CM
60-57-1	Dieldrin	ND		ug/kg dry	1.70	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/21/2021 14:08	05/25/2021 18:09	CM
959-98-8	Endosulfan I	ND		ug/kg dry	1.70	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/21/2021 14:08	05/25/2021 18:09	CM
33213-65-9	Endosulfan II	ND		ug/kg dry	1.70	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854	05/21/2021 14:08	05/25/2021 18:09	CM
1031-07-8	Endosulfan sulfate	ND		ug/kg dry	1.70	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/21/2021 14:08	05/25/2021 18:09	CM
72-20-8	Endrin	ND		ug/kg dry	1.70	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/21/2021 14:08	05/25/2021 18:09	CM



Sample Information

Client Sample ID: Comp 13 20210519

York Sample ID: 21E0875-39

York Project (SDG) No.
21E0875

Client Project ID
560909-Onekey

Matrix
Soil

Collection Date/Time
May 19, 2021 12:05 pm

Date Received
05/20/2021

Pesticides, NYSDEC Part 375 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
58-89-9	gamma-BHC (Lindane)	ND		ug/kg dry	1.70	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/21/2021 14:08	05/25/2021 18:09	CM
76-44-8	Heptachlor	ND		ug/kg dry	1.70	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/21/2021 14:08	05/25/2021 18:09	CM
Surrogate Recoveries		Result		Acceptance Range						
2051-24-3	Surrogate: Decachlorobiphenyl	91.0 %		30-150						
877-09-8	Surrogate: Tetrachloro-m-xylene	48.6 %		30-150						

Polychlorinated Biphenyls (PCB)

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
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0171	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	05/21/2021 14:08	05/24/2021 23:36	BJ
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0171	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	05/21/2021 14:08	05/24/2021 23:36	BJ
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0171	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	05/21/2021 14:08	05/24/2021 23:36	BJ
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0171	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	05/21/2021 14:08	05/24/2021 23:36	BJ
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0171	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	05/21/2021 14:08	05/24/2021 23:36	BJ
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0171	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	05/21/2021 14:08	05/24/2021 23:36	BJ
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0171	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	05/21/2021 14:08	05/24/2021 23:36	BJ
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0171	1	EPA 8082A Certifications:	05/21/2021 14:08	05/24/2021 23:36	BJ
Surrogate Recoveries		Result		Acceptance Range						
877-09-8	Surrogate: Tetrachloro-m-xylene	80.5 %		30-120						
2051-24-3	Surrogate: Decachlorobiphenyl	50.0 %		30-120						

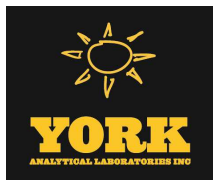
Herbicides, NYSDEC Part 375 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C/8151A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
93-72-1	2,4,5-TP (Silvex)	ND		ug/kg dry	20.6	1	EPA 8151A Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/26/2021 07:34	05/26/2021 20:21	BJ
Surrogate Recoveries		Result		Acceptance Range						
19719-28-9	Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)	77.8 %		21-150						



Sample Information

Client Sample ID: Comp 13 20210519

York Sample ID: 21E0875-39

York Project (SDG) No.
21E0875

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Collection Date/Time
May 19, 2021 12:05 pm

Date Received
05/20/2021

Metals, NYSDEC Part 375

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	5.94		mg/kg dry	1.56	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/27/2021 15:30	05/28/2021 16:50	EM
7440-39-3	Barium	76.1		mg/kg dry	2.60	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/27/2021 15:30	05/28/2021 16:50	EM
7440-41-7	Beryllium	0.255		mg/kg dry	0.052	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/27/2021 15:30	05/28/2021 16:50	EM
7440-43-9	Cadmium	0.346		mg/kg dry	0.311	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/27/2021 15:30	05/28/2021 16:50	EM
7440-47-3	Chromium	17.9		mg/kg dry	0.519	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/27/2021 15:30	05/28/2021 16:50	EM
7440-50-8	Copper	38.2		mg/kg dry	2.08	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/27/2021 15:30	05/28/2021 16:50	EM
7439-92-1	Lead	29.4		mg/kg dry	0.519	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/27/2021 15:30	05/28/2021 16:50	EM
7439-96-5	Manganese	823		mg/kg dry	0.519	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/27/2021 15:30	05/28/2021 16:50	EM
7440-02-0	Nickel	23.5		mg/kg dry	1.04	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/27/2021 15:30	05/28/2021 16:50	EM
7782-49-2	Selenium	ND		mg/kg dry	2.60	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/27/2021 15:30	05/28/2021 16:50	EM
7440-22-4	Silver	ND		mg/kg dry	0.519	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/27/2021 15:30	05/28/2021 16:50	EM
7440-66-6	Zinc	76.2		mg/kg dry	2.60	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/27/2021 15:30	05/28/2021 16:50	EM

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	0.0603		mg/kg dry	0.0311	1	EPA 7473 Certifications: CTDOH,NJDEP,NELAC-NY10854,PADEP	05/27/2021 17:24	05/27/2021 20:37	AD

Chromium, Hexavalent

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND		mg/kg dry	0.519	1	EPA 7196A Certifications: NJDEP,CTDOH,NELAC-NY10854,PADEP	05/21/2021 07:29	05/21/2021 12:42	OT

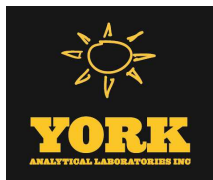
Chromium, Trivalent

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

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: Comp 13 20210519

York Sample ID: 21E0875-39

York Project (SDG) No.
21E0875

Client Project ID
560909-Onekey

Matrix
Soil

Collection Date/Time
May 19, 2021 12:05 pm

Date Received
05/20/2021

16065-83-1 * Chromium, Trivalent 17.9 mg/kg 0.500 1 Calculation 05/27/2021 11:07 05/28/2021 16:37 PAM
Certifications:

Cyanide, Total

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation Soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-12-5	Cyanide, total	ND		mg/kg dry	0.519	1	EPA 9014/9010C Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	05/21/2021 13:54	05/21/2021 20:28	MAO

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	96.3		%	0.100	1	SM 2540G Certifications: CTDOH	05/21/2021 08:15	05/21/2021 12:52	SK

Sample Information

Client Sample ID: Comp 14 20210519

York Sample ID: 21E0875-40

York Project (SDG) No.
21E0875

Client Project ID
560909-Onekey

Matrix
Soil

Collection Date/Time
May 19, 2021 12:30 pm

Date Received
05/20/2021

Semi-Volatiles, NYSDEC Part 375

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3546 SVOA

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		ug/kg dry	42.7	85.1	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 20:59	KH
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		ug/kg dry	85.1	170	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 20:59	KH
58-90-2	2,3,4,6-Tetrachlorophenol	ND		ug/kg dry	85.1	170	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 20:59	KH
95-95-4	2,4,5-Trichlorophenol	ND		ug/kg dry	42.7	85.1	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 20:59	KH
88-06-2	2,4,6-Trichlorophenol	ND		ug/kg dry	42.7	85.1	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 20:59	KH
120-83-2	2,4-Dichlorophenol	ND		ug/kg dry	42.7	85.1	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 20:59	KH
105-67-9	2,4-Dimethylphenol	ND		ug/kg dry	42.7	85.1	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 20:59	KH
51-28-5	2,4-Dinitrophenol	ND		ug/kg dry	85.1	170	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 20:59	KH
121-14-2	2,4-Dinitrotoluene	ND		ug/kg dry	42.7	85.1	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 20:59	KH



Sample Information

Client Sample ID: Comp 14 20210519

York Sample ID: 21E0875-40

York Project (SDG) No.
21E0875

Client Project ID
560909-Onekey

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May 19, 2021 12:30 pm

Date Received
05/20/2021

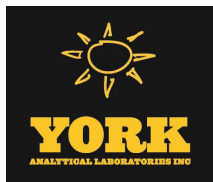
Semi-Volatiles, NYSDEC Part 375

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3546 SVOA

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
606-20-2	2,6-Dinitrotoluene	ND		ug/kg dry	42.7	85.1	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 20:59	KH
91-58-7	2-Chloronaphthalene	ND		ug/kg dry	42.7	85.1	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 20:59	KH
95-57-8	2-Chlorophenol	ND		ug/kg dry	42.7	85.1	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 20:59	KH
91-57-6	2-Methylnaphthalene	ND		ug/kg dry	42.7	85.1	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 20:59	KH
95-48-7	2-Methylphenol	ND		ug/kg dry	42.7	85.1	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 20:59	KH
88-74-4	2-Nitroaniline	ND		ug/kg dry	85.1	170	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 20:59	KH
88-75-5	2-Nitrophenol	ND		ug/kg dry	42.7	85.1	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 20:59	KH
65794-96-9	3- & 4-Methylphenols	ND		ug/kg dry	42.7	85.1	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 20:59	KH
91-94-1	3,3-Dichlorobenzidine	ND		ug/kg dry	42.7	85.1	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 20:59	KH
99-09-2	3-Nitroaniline	ND		ug/kg dry	85.1	170	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 20:59	KH
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/kg dry	85.1	170	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 20:59	KH
101-55-3	4-Bromophenyl phenyl ether	ND		ug/kg dry	42.7	85.1	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 20:59	KH
59-50-7	4-Chloro-3-methylphenol	ND		ug/kg dry	42.7	85.1	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 20:59	KH
106-47-8	4-Chloroaniline	ND		ug/kg dry	42.7	85.1	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 20:59	KH
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/kg dry	42.7	85.1	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 20:59	KH
100-01-6	4-Nitroaniline	ND		ug/kg dry	85.1	170	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 20:59	KH
100-02-7	4-Nitrophenol	ND		ug/kg dry	85.1	170	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 20:59	KH
83-32-9	Acenaphthene	ND		ug/kg dry	42.7	85.1	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 20:59	KH
208-96-8	Acenaphthylene	ND		ug/kg dry	42.7	85.1	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 20:59	KH
98-86-2	Acetophenone	ND		ug/kg dry	42.7	85.1	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 20:59	KH
120-12-7	Anthracene	ND		ug/kg dry	42.7	85.1	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 20:59	KH
1912-24-9	Atrazine	ND		ug/kg dry	42.7	85.1	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 20:59	KH
100-52-7	Benzaldehyde	ND		ug/kg dry	42.7	85.1	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 20:59	KH



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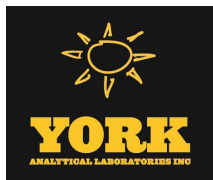
Semi-Volatiles, NYSDEC Part 375

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3546 SVOA

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
56-55-3	Benzo(a)anthracene	66.0	J	ug/kg dry	42.7	85.1	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 20:59	KH
50-32-8	Benzo(a)pyrene	61.2	J	ug/kg dry	42.7	85.1	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 20:59	KH
205-99-2	Benzo(b)fluoranthene	51.7	J	ug/kg dry	42.7	85.1	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 20:59	KH
191-24-2	Benzo(g,h,i)perylene	46.9	J	ug/kg dry	42.7	85.1	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 20:59	KH
207-08-9	Benzo(k)fluoranthene	61.9	J	ug/kg dry	42.7	85.1	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 20:59	KH
85-68-7	Benzyl butyl phthalate	ND		ug/kg dry	42.7	85.1	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 20:59	KH
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/kg dry	42.7	85.1	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 20:59	KH
111-44-4	Bis(2-chloroethyl)ether	ND		ug/kg dry	42.7	85.1	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 20:59	KH
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/kg dry	42.7	85.1	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 20:59	KH
117-81-7	Bis(2-ethylhexyl)phthalate	107		ug/kg dry	42.7	85.1	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 20:59	KH
105-60-2	Caprolactam	ND		ug/kg dry	85.1	170	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 20:59	KH
86-74-8	Carbazole	ND		ug/kg dry	42.7	85.1	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 20:59	KH
218-01-9	Chrysene	71.4	J	ug/kg dry	42.7	85.1	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 20:59	KH
53-70-3	Dibenzo(a,h)anthracene	ND		ug/kg dry	42.7	85.1	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 20:59	KH
132-64-9	Dibenzofuran	ND		ug/kg dry	42.7	85.1	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 20:59	KH
84-66-2	Diethyl phthalate	ND		ug/kg dry	42.7	85.1	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 20:59	KH
131-11-3	Dimethyl phthalate	ND		ug/kg dry	42.7	85.1	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 20:59	KH
84-74-2	Di-n-butyl phthalate	ND		ug/kg dry	42.7	85.1	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 20:59	KH
117-84-0	Di-n-octyl phthalate	ND		ug/kg dry	42.7	85.1	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 20:59	KH
206-44-0	Fluoranthene	92.5		ug/kg dry	42.7	85.1	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 20:59	KH
86-73-7	Fluorene	ND		ug/kg dry	42.7	85.1	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 20:59	KH
118-74-1	Hexachlorobenzene	ND		ug/kg dry	42.7	85.1	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 20:59	KH
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	42.7	85.1	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 20:59	KH



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Semi-Volatiles, NYSDEC Part 375

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3546 SVOA

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
77-47-4	Hexachlorocyclopentadiene	ND		ug/kg dry	42.7	85.1	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 20:59	KH
67-72-1	Hexachloroethane	ND		ug/kg dry	42.7	85.1	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 20:59	KH
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/kg dry	42.7	85.1	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 20:59	KH
78-59-1	Isophorone	ND		ug/kg dry	42.7	85.1	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 20:59	KH
91-20-3	Naphthalene	ND		ug/kg dry	42.7	85.1	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 20:59	KH
98-95-3	Nitrobenzene	ND		ug/kg dry	42.7	85.1	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 20:59	KH
621-64-7	N-nitroso-di-n-propylamine	ND		ug/kg dry	42.7	85.1	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 20:59	KH
86-30-6	N-Nitrosodiphenylamine	ND		ug/kg dry	42.7	85.1	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 20:59	KH
87-86-5	Pentachlorophenol	ND		ug/kg dry	42.7	85.1	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 20:59	KH
85-01-8	Phenanthrene	47.6	J	ug/kg dry	42.7	85.1	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 20:59	KH
108-95-2	Phenol	ND		ug/kg dry	42.7	85.1	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 20:59	KH
129-00-0	Pyrene	96.6		ug/kg dry	42.7	85.1	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 20:59	KH
Surrogate Recoveries		Result		Acceptance Range							
367-12-4	Surrogate: SURR: 2-Fluorophenol	46.9 %									
4165-62-2	Surrogate: SURR: Phenol-d5	43.3 %									
4165-60-0	Surrogate: SURR: Nitrobenzene-d5	55.7 %									
321-60-8	Surrogate: SURR: 2-Fluorobiphenyl	43.8 %									
118-79-6	Surrogate: SURR: 2,4,6-Tribromophenol	41.1 %									
1718-51-0	Surrogate: SURR: Terphenyl-d14	54.5 %									

Semi-Volatiles, 1,4-Dioxane 8270 SIM-Soil

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
123-91-1	1,4-Dioxane	ND		ug/kg	9.52	1	EPA 8270D SIM Certifications: NELAC-NY10854	05/24/2021 08:22	05/25/2021 11:12	KH
Surrogate Recoveries		Result		Acceptance Range						
17647-74-4	Surrogate: 1,4-Dioxane-d8	58.0 %								

Pesticides, NYSDEC Part 375 Target List

Log-in Notes:

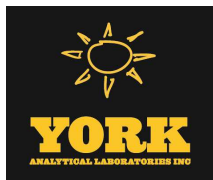
Sample Notes:

120 RESEARCH DRIVE
www.YORKLAB.com

STRATFORD, CT 06615
(203) 325-1371

132-02 89th AVENUE
FAX (203) 357-0166

RICHMOND HILL, NY 11418
ClientServices@



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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		ug/kg dry	1.66	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/21/2021 14:08	05/25/2021 18:26	CM
72-55-9	4,4'-DDE	ND		ug/kg dry	1.66	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/21/2021 14:08	05/25/2021 18:26	CM
50-29-3	4,4'-DDT	ND		ug/kg dry	1.66	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/21/2021 14:08	05/25/2021 18:26	CM
309-00-2	Aldrin	ND		ug/kg dry	1.66	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/21/2021 14:08	05/25/2021 18:26	CM
319-84-6	alpha-BHC	ND		ug/kg dry	1.66	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/21/2021 14:08	05/25/2021 18:26	CM
5103-71-9	alpha-Chlordane	ND		ug/kg dry	1.66	5	EPA 8081B Certifications: NELAC-NY10854,NJDEP	05/21/2021 14:08	05/25/2021 18:26	CM
319-85-7	beta-BHC	ND		ug/kg dry	1.66	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/21/2021 14:08	05/25/2021 18:26	CM
319-86-8	delta-BHC	ND		ug/kg dry	1.66	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/21/2021 14:08	05/25/2021 18:26	CM
60-57-1	Dieldrin	ND		ug/kg dry	1.66	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/21/2021 14:08	05/25/2021 18:26	CM
959-98-8	Endosulfan I	ND		ug/kg dry	1.66	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/21/2021 14:08	05/25/2021 18:26	CM
33213-65-9	Endosulfan II	ND		ug/kg dry	1.66	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854	05/21/2021 14:08	05/25/2021 18:26	CM
1031-07-8	Endosulfan sulfate	ND		ug/kg dry	1.66	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/21/2021 14:08	05/25/2021 18:26	CM
72-20-8	Endrin	ND		ug/kg dry	1.66	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/21/2021 14:08	05/25/2021 18:26	CM
58-89-9	gamma-BHC (Lindane)	ND		ug/kg dry	1.66	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/21/2021 14:08	05/25/2021 18:26	CM
76-44-8	Heptachlor	ND		ug/kg dry	1.66	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/21/2021 14:08	05/25/2021 18:26	CM
Surrogate Recoveries		Result	Acceptance Range							
2051-24-3	Surrogate: Decachlorobiphenyl	72.2 %	30-150							
877-09-8	Surrogate: Tetrachloro-m-xylene	38.9 %	30-150							

Polychlorinated Biphenyls (PCB)

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
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0168	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	05/21/2021 14:08	05/24/2021 23:49	BJ
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0168	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	05/21/2021 14:08	05/24/2021 23:49	BJ
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0168	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	05/21/2021 14:08	05/24/2021 23:49	BJ
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0168	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	05/21/2021 14:08	05/24/2021 23:49	BJ



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May 19, 2021 12:30 pm

Date Received
05/20/2021

Polychlorinated Biphenyls (PCB)

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
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0168	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	05/21/2021 14:08	05/24/2021 23:49	BJ
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0168	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	05/21/2021 14:08	05/24/2021 23:49	BJ
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0168	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	05/21/2021 14:08	05/24/2021 23:49	BJ
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0168	1	EPA 8082A Certifications:	05/21/2021 14:08	05/24/2021 23:49	BJ
Surrogate Recoveries		Result		Acceptance Range						
877-09-8	Surrogate: Tetrachloro-m-xylene	69.5 %		30-120						
2051-24-3	Surrogate: Decachlorobiphenyl	44.0 %		30-120						

Herbicides, NYSDEC Part 375 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C/8151A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
93-72-1	2,4,5-TP (Silvex)	ND		ug/kg dry	20.4	1	EPA 8151A Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/26/2021 07:34	05/26/2021 20:31	BJ
Surrogate Recoveries		Result		Acceptance Range						
19719-28-9	Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)	28.6 %		21-150						

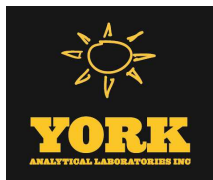
Metals, NYSDEC Part 375

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	5.89		mg/kg dry	1.54	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/27/2021 15:30	05/28/2021 16:54	EM
7440-39-3	Barium	88.4		mg/kg dry	2.57	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/27/2021 15:30	05/28/2021 16:54	EM
7440-41-7	Beryllium	0.054		mg/kg dry	0.051	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/27/2021 15:30	05/28/2021 16:54	EM
7440-43-9	Cadmium	0.335		mg/kg dry	0.308	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/27/2021 15:30	05/28/2021 16:54	EM
7440-47-3	Chromium	19.1		mg/kg dry	0.514	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/27/2021 15:30	05/28/2021 16:54	EM
7440-50-8	Copper	38.1		mg/kg dry	2.05	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/27/2021 15:30	05/28/2021 16:54	EM
7439-92-1	Lead	43.0		mg/kg dry	0.514	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/27/2021 15:30	05/28/2021 16:54	EM
7439-96-5	Manganese	690		mg/kg dry	0.514	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/27/2021 15:30	05/28/2021 16:54	EM



Sample Information

Client Sample ID: Comp 14 20210519

York Sample ID: 21E0875-40

York Project (SDG) No.
21E0875

Client Project ID
560909-Onekey

Matrix
Soil

Collection Date/Time
May 19, 2021 12:30 pm

Date Received
05/20/2021

Metals, NYSDEC Part 375

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
7440-02-0	Nickel	24.5		mg/kg dry	1.03	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/27/2021 15:30	05/28/2021 16:54	EM
7782-49-2	Selenium	ND		mg/kg dry	2.57	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/27/2021 15:30	05/28/2021 16:54	EM
7440-22-4	Silver	ND		mg/kg dry	0.514	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/27/2021 15:30	05/28/2021 16:54	EM
7440-66-6	Zinc	83.8		mg/kg dry	2.57	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/27/2021 15:30	05/28/2021 16:54	EM

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	0.0700		mg/kg dry	0.0308	1	EPA 7473 Certifications: CTDOH,NJDEP,NELAC-NY10854,PADEP	05/27/2021 17:24	05/27/2021 20:48	AD

Chromium, Hexavalent

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND		mg/kg dry	0.514	1	EPA 7196A Certifications: NJDEP,CTDOH,NELAC-NY10854,PADEP	05/21/2021 07:29	05/21/2021 12:42	OT

Chromium, Trivalent

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
16065-83-1	* Chromium, Trivalent	19.1		mg/kg	0.500	1	Calculation Certifications:	05/27/2021 11:07	05/28/2021 16:37	PAM

Cyanide, Total

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation Soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-12-5	Cyanide, total	ND		mg/kg dry	0.514	1	EPA 9014/9010C Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	05/21/2021 13:54	05/21/2021 20:28	MAO

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	97.3		%	0.100	1	SM 2540G Certifications: CTDOH	05/21/2021 08:15	05/21/2021 12:52	SK



Sample Information

Client Sample ID: Comp 14 20210519

York Sample ID: 21E0875-40

<u>York Project (SDG) No.</u> 21E0875	<u>Client Project ID</u> 560909-Onekey	<u>Matrix</u> Soil	<u>Collection Date/Time</u> May 19, 2021 12:30 pm	<u>Date Received</u> 05/20/2021
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Sample Information

Client Sample ID: Comp 15 20210519

York Sample ID: 21E0875-41

<u>York Project (SDG) No.</u> 21E0875	<u>Client Project ID</u> 560909-Onekey	<u>Matrix</u> Soil	<u>Collection Date/Time</u> May 19, 2021 11:55 am	<u>Date Received</u> 05/20/2021
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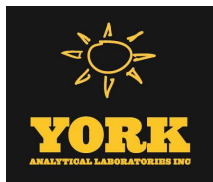
Semi-Volatiles, NYSDEC Part 375

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3546 SVOA

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		ug/kg dry	43.4	86.6	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 21:30	KH
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		ug/kg dry	86.6	173	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 21:30	KH
58-90-2	2,3,4,6-Tetrachlorophenol	ND		ug/kg dry	86.6	173	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 21:30	KH
95-95-4	2,4,5-Trichlorophenol	ND		ug/kg dry	43.4	86.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 21:30	KH
88-06-2	2,4,6-Trichlorophenol	ND		ug/kg dry	43.4	86.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 21:30	KH
120-83-2	2,4-Dichlorophenol	ND		ug/kg dry	43.4	86.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 21:30	KH
105-67-9	2,4-Dimethylphenol	ND		ug/kg dry	43.4	86.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 21:30	KH
51-28-5	2,4-Dinitrophenol	ND		ug/kg dry	86.6	173	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 21:30	KH
121-14-2	2,4-Dinitrotoluene	ND		ug/kg dry	43.4	86.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 21:30	KH
606-20-2	2,6-Dinitrotoluene	ND		ug/kg dry	43.4	86.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 21:30	KH
91-58-7	2-Chloronaphthalene	ND		ug/kg dry	43.4	86.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 21:30	KH
95-57-8	2-Chlorophenol	ND		ug/kg dry	43.4	86.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 21:30	KH
91-57-6	2-Methylnaphthalene	ND		ug/kg dry	43.4	86.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 21:30	KH
95-48-7	2-Methylphenol	ND		ug/kg dry	43.4	86.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 21:30	KH
88-74-4	2-Nitroaniline	ND		ug/kg dry	86.6	173	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 21:30	KH
88-75-5	2-Nitrophenol	ND		ug/kg dry	43.4	86.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 21:30	KH
65794-96-9	3- & 4-Methylphenols	ND		ug/kg dry	43.4	86.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 21:30	KH
91-94-1	3,3-Dichlorobenzidine	ND		ug/kg dry	43.4	86.6	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 21:30	KH



Sample Information

Client Sample ID: Comp 15 20210519

York Sample ID: 21E0875-41

York Project (SDG) No.

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Client Project ID

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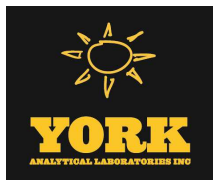
Semi-Volatiles, NYSDEC Part 375

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3546 SVOA

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
99-09-2	3-Nitroaniline	ND		ug/kg dry	86.6	173	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 21:30	KH
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/kg dry	86.6	173	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 21:30	KH
101-55-3	4-Bromophenyl phenyl ether	ND		ug/kg dry	43.4	86.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 21:30	KH
59-50-7	4-Chloro-3-methylphenol	ND		ug/kg dry	43.4	86.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 21:30	KH
106-47-8	4-Chloroaniline	ND		ug/kg dry	43.4	86.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 21:30	KH
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/kg dry	43.4	86.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 21:30	KH
100-01-6	4-Nitroaniline	ND		ug/kg dry	86.6	173	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 21:30	KH
100-02-7	4-Nitrophenol	ND		ug/kg dry	86.6	173	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 21:30	KH
83-32-9	Acenaphthene	ND		ug/kg dry	43.4	86.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 21:30	KH
208-96-8	Acenaphthylene	ND		ug/kg dry	43.4	86.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 21:30	KH
98-86-2	Acetophenone	ND		ug/kg dry	43.4	86.6	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 21:30	KH
120-12-7	Anthracene	61.6	J	ug/kg dry	43.4	86.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 21:30	KH
1912-24-9	Atrazine	ND		ug/kg dry	43.4	86.6	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 21:30	KH
100-52-7	Benzaldehyde	ND		ug/kg dry	43.4	86.6	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 21:30	KH
56-55-3	Benzo(a)anthracene	170		ug/kg dry	43.4	86.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 21:30	KH
50-32-8	Benzo(a)pyrene	120		ug/kg dry	43.4	86.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 21:30	KH
205-99-2	Benzo(b)fluoranthene	107		ug/kg dry	43.4	86.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 21:30	KH
191-24-2	Benzo(g,h,i)perylene	88.6		ug/kg dry	43.4	86.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 21:30	KH
207-08-9	Benzo(k)fluoranthene	123		ug/kg dry	43.4	86.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 21:30	KH
85-68-7	Benzyl butyl phthalate	ND		ug/kg dry	43.4	86.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 21:30	KH
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/kg dry	43.4	86.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 21:30	KH
111-44-4	Bis(2-chloroethyl)ether	ND		ug/kg dry	43.4	86.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 21:30	KH
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/kg dry	43.4	86.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 21:30	KH



Sample Information

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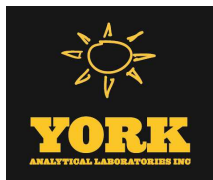
Semi-Volatiles, NYSDEC Part 375

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3546 SVOA

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/kg dry	43.4	86.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 21:30	KH
105-60-2	Caprolactam	ND		ug/kg dry	86.6	173	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 21:30	KH
86-74-8	Carbazole	ND		ug/kg dry	43.4	86.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 21:30	KH
218-01-9	Chrysene	166		ug/kg dry	43.4	86.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 21:30	KH
53-70-3	Dibenzo(a,h)anthracene	ND		ug/kg dry	43.4	86.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 21:30	KH
132-64-9	Dibenzofuran	ND		ug/kg dry	43.4	86.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 21:30	KH
84-66-2	Diethyl phthalate	ND		ug/kg dry	43.4	86.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 21:30	KH
131-11-3	Dimethyl phthalate	ND		ug/kg dry	43.4	86.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 21:30	KH
84-74-2	Di-n-butyl phthalate	ND		ug/kg dry	43.4	86.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 21:30	KH
117-84-0	Di-n-octyl phthalate	ND		ug/kg dry	43.4	86.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 21:30	KH
206-44-0	Fluoranthene	354		ug/kg dry	43.4	86.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 21:30	KH
86-73-7	Fluorene	ND		ug/kg dry	43.4	86.6	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 21:30	KH
118-74-1	Hexachlorobenzene	ND		ug/kg dry	43.4	86.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 21:30	KH
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	43.4	86.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 21:30	KH
77-47-4	Hexachlorocyclopentadiene	ND		ug/kg dry	43.4	86.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 21:30	KH
67-72-1	Hexachloroethane	ND		ug/kg dry	43.4	86.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 21:30	KH
193-39-5	Indeno(1,2,3-cd)pyrene	68.5	J	ug/kg dry	43.4	86.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 21:30	KH
78-59-1	Isophorone	ND		ug/kg dry	43.4	86.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 21:30	KH
91-20-3	Naphthalene	ND		ug/kg dry	43.4	86.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 21:30	KH
98-95-3	Nitrobenzene	ND		ug/kg dry	43.4	86.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 21:30	KH
621-64-7	N-nitroso-di-n-propylamine	ND		ug/kg dry	43.4	86.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 21:30	KH
86-30-6	N-Nitrosodiphenylamine	ND		ug/kg dry	43.4	86.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 21:30	KH
87-86-5	Pentachlorophenol	ND		ug/kg dry	43.4	86.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 21:30	KH



Sample Information

Client Sample ID: Comp 15 20210519

York Sample ID: 21E0875-41

York Project (SDG) No.
21E0875

Client Project ID
560909-Onekey

Matrix
Soil

Collection Date/Time
May 19, 2021 11:55 am

Date Received
05/20/2021

Semi-Volatiles, NYSDEC Part 375

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3546 SVOA

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
85-01-8	Phenanthrene	229		ug/kg dry	43.4	86.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 21:30	KH
108-95-2	Phenol	ND		ug/kg dry	43.4	86.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 21:30	KH
129-00-0	Pyrene	331		ug/kg dry	43.4	86.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 21:30	KH
Surrogate Recoveries		Result	Acceptance Range								
367-12-4	Surrogate: SURR: 2-Fluorophenol	45.5 %	30-130								
4165-62-2	Surrogate: SURR: Phenol-d5	43.4 %	30-130								
4165-60-0	Surrogate: SURR: Nitrobenzene-d5	53.0 %	30-130								
321-60-8	Surrogate: SURR: 2-Fluorobiphenyl	41.1 %	30-130								
118-79-6	Surrogate: SURR: 2,4,6-Tribromophenol	41.3 %	30-130								
1718-51-0	Surrogate: SURR: Terphenyl-d14	55.8 %	30-130								

Semi-Volatiles, 1,4-Dioxane 8270 SIM-Soil

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
123-91-1	1,4-Dioxane	ND		ug/kg	9.52	1	EPA 8270D SIM Certifications: NELAC-NY10854	05/24/2021 08:22	05/25/2021 11:29	KH
Surrogate Recoveries		Result	Acceptance Range							
17647-74-4	Surrogate: 1,4-Dioxane-d8	56.0 %	39-127.5							

Pesticides, NYSDEC Part 375 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		ug/kg dry	1.67	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/21/2021 14:08	05/25/2021 18:43	CM
72-55-9	4,4'-DDE	ND		ug/kg dry	1.67	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/21/2021 14:08	05/25/2021 18:43	CM
50-29-3	4,4'-DDT	ND		ug/kg dry	1.67	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/21/2021 14:08	05/25/2021 18:43	CM
309-00-2	Aldrin	ND		ug/kg dry	1.67	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/21/2021 14:08	05/25/2021 18:43	CM
319-84-6	alpha-BHC	ND		ug/kg dry	1.67	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/21/2021 14:08	05/25/2021 18:43	CM
5103-71-9	alpha-Chlordane	ND		ug/kg dry	1.67	5	EPA 8081B Certifications: NELAC-NY10854,NJDEP	05/21/2021 14:08	05/25/2021 18:43	CM
319-85-7	beta-BHC	ND		ug/kg dry	1.67	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/21/2021 14:08	05/25/2021 18:43	CM



Sample Information

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May 19, 2021 11:55 am

Date Received
05/20/2021

Pesticides, NYSDEC Part 375 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
319-86-8	delta-BHC	ND		ug/kg dry	1.67	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/21/2021 14:08	05/25/2021 18:43	CM
60-57-1	Dieldrin	ND		ug/kg dry	1.67	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/21/2021 14:08	05/25/2021 18:43	CM
959-98-8	Endosulfan I	ND		ug/kg dry	1.67	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/21/2021 14:08	05/25/2021 18:43	CM
33213-65-9	Endosulfan II	ND		ug/kg dry	1.67	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854	05/21/2021 14:08	05/25/2021 18:43	CM
1031-07-8	Endosulfan sulfate	ND		ug/kg dry	1.67	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/21/2021 14:08	05/25/2021 18:43	CM
72-20-8	Endrin	ND		ug/kg dry	1.67	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/21/2021 14:08	05/25/2021 18:43	CM
58-89-9	gamma-BHC (Lindane)	ND		ug/kg dry	1.67	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/21/2021 14:08	05/25/2021 18:43	CM
76-44-8	Heptachlor	ND		ug/kg dry	1.67	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/21/2021 14:08	05/25/2021 18:43	CM
Surrogate Recoveries		Result		Acceptance Range						
2051-24-3	Surrogate: Decachlorobiphenyl	81.5 %								
877-09-8	Surrogate: Tetrachloro-m-xylene	43.1 %								

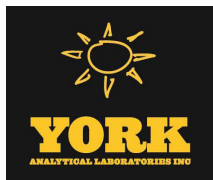
Polychlorinated Biphenyls (PCB)

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
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0169	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	05/21/2021 14:08	05/25/2021 00:03	BJ
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0169	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	05/21/2021 14:08	05/25/2021 00:03	BJ
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0169	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	05/21/2021 14:08	05/25/2021 00:03	BJ
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0169	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	05/21/2021 14:08	05/25/2021 00:03	BJ
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0169	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	05/21/2021 14:08	05/25/2021 00:03	BJ
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0169	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	05/21/2021 14:08	05/25/2021 00:03	BJ
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0169	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	05/21/2021 14:08	05/25/2021 00:03	BJ
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0169	1	EPA 8082A Certifications:	05/21/2021 14:08	05/25/2021 00:03	BJ
Surrogate Recoveries		Result		Acceptance Range						
877-09-8	Surrogate: Tetrachloro-m-xylene	75.5 %								
2051-24-3	Surrogate: Decachlorobiphenyl	49.5 %								



Sample Information

Client Sample ID: Comp 15 20210519

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May 19, 2021 11:55 am

Date Received
05/20/2021

Herbicides, NYSDEC Part 375 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C/8151A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
93-72-1	2,4,5-TP (Silvex)	ND		ug/kg dry	20.7	1	EPA 8151A Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/26/2021 07:34	05/26/2021 20:42	BJ
Surrogate Recoveries		Result		Acceptance Range						
19719-28-9	Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)	82.6 %		21-150						

Metals, NYSDEC Part 375

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	5.03		mg/kg dry	1.56	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/27/2021 15:30	05/28/2021 16:58	EM
7440-39-3	Barium	74.0		mg/kg dry	2.61	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/27/2021 15:30	05/28/2021 16:58	EM
7440-41-7	Beryllium	0.123		mg/kg dry	0.052	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/27/2021 15:30	05/28/2021 16:58	EM
7440-43-9	Cadmium	ND		mg/kg dry	0.313	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/27/2021 15:30	05/28/2021 16:58	EM
7440-47-3	Chromium	18.0		mg/kg dry	0.521	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/27/2021 15:30	05/28/2021 16:58	EM
7440-50-8	Copper	36.1		mg/kg dry	2.08	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/27/2021 15:30	05/28/2021 16:58	EM
7439-92-1	Lead	32.6		mg/kg dry	0.521	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/27/2021 15:30	05/28/2021 16:58	EM
7439-96-5	Manganese	649		mg/kg dry	0.521	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/27/2021 15:30	05/28/2021 16:58	EM
7440-02-0	Nickel	24.3		mg/kg dry	1.04	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/27/2021 15:30	05/28/2021 16:58	EM
7782-49-2	Selenium	ND		mg/kg dry	2.61	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/27/2021 15:30	05/28/2021 16:58	EM
7440-22-4	Silver	ND		mg/kg dry	0.521	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/27/2021 15:30	05/28/2021 16:58	EM
7440-66-6	Zinc	76.1		mg/kg dry	2.61	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/27/2021 15:30	05/28/2021 16:58	EM

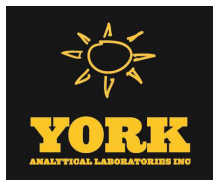
Mercury by 7473

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	0.0565		mg/kg dry	0.0313	1	EPA 7473 Certifications: CTDOH,NJDEP,NELAC-NY10854,PADEP	05/27/2021 17:24	05/27/2021 20:58	AD



Sample Information

Client Sample ID: Comp 15 20210519

York Sample ID: 21E0875-41

York Project (SDG) No.
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Client Project ID
560909-Onekey

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Soil

Collection Date/Time
May 19, 2021 11:55 am

Date Received
05/20/2021

Chromium, Hexavalent

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND		mg/kg dry	0.521	1	EPA 7196A Certifications: NJDEP,CTDOH,NELAC-NY10854,PADEP	05/21/2021 07:29	05/21/2021 12:42	OT

Chromium, Trivalent

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
16065-83-1	* Chromium, Trivalent	18.0		mg/kg	0.500	1	Calculation Certifications:	05/27/2021 11:07	05/28/2021 16:37	PAM

Cyanide, Total

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation Soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-12-5	Cyanide, total	ND		mg/kg dry	0.521	1	EPA 9014/9010C Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	05/21/2021 13:54	05/21/2021 20:28	MAO

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	96.0		%	0.100	1	SM 2540G Certifications: CTDOH	05/21/2021 08:15	05/21/2021 12:52	SK

Sample Information

Client Sample ID: Comp 16 20210519

York Sample ID: 21E0875-42

York Project (SDG) No.
21E0875

Client Project ID
560909-Onekey

Matrix
Soil

Collection Date/Time
May 19, 2021 12:05 pm

Date Received
05/20/2021

Semi-Volatiles, NYSDEC Part 375

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3546 SVOA

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		ug/kg dry	43.5	86.8	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 22:01	KH
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		ug/kg dry	86.8	173	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 22:01	KH
58-90-2	2,3,4,6-Tetrachlorophenol	ND		ug/kg dry	86.8	173	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 22:01	KH



Sample Information

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May 19, 2021 12:05 pm

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05/20/2021

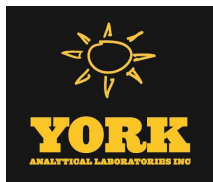
Semi-Volatiles, NYSDEC Part 375

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3546 SVOA

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
95-95-4	2,4,5-Trichlorophenol	ND		ug/kg dry	43.5	86.8	2	EPA 8270D Certifications:	05/24/2021 13:38 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/25/2021 22:01	KH
88-06-2	2,4,6-Trichlorophenol	ND		ug/kg dry	43.5	86.8	2	EPA 8270D Certifications:	05/24/2021 13:38 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/25/2021 22:01	KH
120-83-2	2,4-Dichlorophenol	ND		ug/kg dry	43.5	86.8	2	EPA 8270D Certifications:	05/24/2021 13:38 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/25/2021 22:01	KH
105-67-9	2,4-Dimethylphenol	ND		ug/kg dry	43.5	86.8	2	EPA 8270D Certifications:	05/24/2021 13:38 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/25/2021 22:01	KH
51-28-5	2,4-Dinitrophenol	ND		ug/kg dry	86.8	173	2	EPA 8270D Certifications:	05/24/2021 13:38 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/25/2021 22:01	KH
121-14-2	2,4-Dinitrotoluene	ND		ug/kg dry	43.5	86.8	2	EPA 8270D Certifications:	05/24/2021 13:38 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/25/2021 22:01	KH
606-20-2	2,6-Dinitrotoluene	ND		ug/kg dry	43.5	86.8	2	EPA 8270D Certifications:	05/24/2021 13:38 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/25/2021 22:01	KH
91-58-7	2-Chloronaphthalene	ND		ug/kg dry	43.5	86.8	2	EPA 8270D Certifications:	05/24/2021 13:38 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/25/2021 22:01	KH
95-57-8	2-Chlorophenol	ND		ug/kg dry	43.5	86.8	2	EPA 8270D Certifications:	05/24/2021 13:38 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/25/2021 22:01	KH
91-57-6	2-Methylnaphthalene	ND		ug/kg dry	43.5	86.8	2	EPA 8270D Certifications:	05/24/2021 13:38 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/25/2021 22:01	KH
95-48-7	2-Methylphenol	ND		ug/kg dry	43.5	86.8	2	EPA 8270D Certifications:	05/24/2021 13:38 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/25/2021 22:01	KH
88-74-4	2-Nitroaniline	ND		ug/kg dry	86.8	173	2	EPA 8270D Certifications:	05/24/2021 13:38 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/25/2021 22:01	KH
88-75-5	2-Nitrophenol	ND		ug/kg dry	43.5	86.8	2	EPA 8270D Certifications:	05/24/2021 13:38 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/25/2021 22:01	KH
65794-96-9	3- & 4-Methylphenols	ND		ug/kg dry	43.5	86.8	2	EPA 8270D Certifications:	05/24/2021 13:38 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/25/2021 22:01	KH
91-94-1	3,3-Dichlorobenzidine	ND		ug/kg dry	43.5	86.8	2	EPA 8270D Certifications:	05/24/2021 13:38 NELAC-NY10854,NJDEP,PADEP	05/25/2021 22:01	KH
99-09-2	3-Nitroaniline	ND		ug/kg dry	86.8	173	2	EPA 8270D Certifications:	05/24/2021 13:38 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/25/2021 22:01	KH
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/kg dry	86.8	173	2	EPA 8270D Certifications:	05/24/2021 13:38 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/25/2021 22:01	KH
101-55-3	4-Bromophenyl phenyl ether	ND		ug/kg dry	43.5	86.8	2	EPA 8270D Certifications:	05/24/2021 13:38 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/25/2021 22:01	KH
59-50-7	4-Chloro-3-methylphenol	ND		ug/kg dry	43.5	86.8	2	EPA 8270D Certifications:	05/24/2021 13:38 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/25/2021 22:01	KH
106-47-8	4-Chloroaniline	ND		ug/kg dry	43.5	86.8	2	EPA 8270D Certifications:	05/24/2021 13:38 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/25/2021 22:01	KH
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/kg dry	43.5	86.8	2	EPA 8270D Certifications:	05/24/2021 13:38 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/25/2021 22:01	KH
100-01-6	4-Nitroaniline	ND		ug/kg dry	86.8	173	2	EPA 8270D Certifications:	05/24/2021 13:38 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/25/2021 22:01	KH
100-02-7	4-Nitrophenol	ND		ug/kg dry	86.8	173	2	EPA 8270D Certifications:	05/24/2021 13:38 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/25/2021 22:01	KH



Sample Information

Client Sample ID: Comp 16 20210519

York Sample ID: 21E0875-42

York Project (SDG) No.

21E0875

Client Project ID

560909-Onekey

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Collection Date/Time

May 19, 2021 12:05 pm

Date Received

05/20/2021

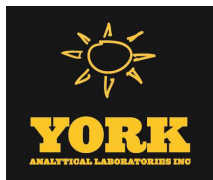
Semi-Volatiles, NYSDEC Part 375

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3546 SVOA

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
83-32-9	Acenaphthene	ND		ug/kg dry	43.5	86.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 22:01	KH
208-96-8	Acenaphthylene	ND		ug/kg dry	43.5	86.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 22:01	KH
98-86-2	Acetophenone	ND		ug/kg dry	43.5	86.8	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 22:01	KH
120-12-7	Anthracene	ND		ug/kg dry	43.5	86.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 22:01	KH
1912-24-9	Atrazine	ND		ug/kg dry	43.5	86.8	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 22:01	KH
100-52-7	Benzaldehyde	ND		ug/kg dry	43.5	86.8	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 22:01	KH
56-55-3	Benzo(a)anthracene	70.7	J	ug/kg dry	43.5	86.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 22:01	KH
50-32-8	Benzo(a)pyrene	54.1	J	ug/kg dry	43.5	86.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 22:01	KH
205-99-2	Benzo(b)fluoranthene	49.9	J	ug/kg dry	43.5	86.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 22:01	KH
191-24-2	Benzo(g,h,i)perylene	ND		ug/kg dry	43.5	86.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 22:01	KH
207-08-9	Benzo(k)fluoranthene	54.1	J	ug/kg dry	43.5	86.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 22:01	KH
85-68-7	Benzyl butyl phthalate	ND		ug/kg dry	43.5	86.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 22:01	KH
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/kg dry	43.5	86.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 22:01	KH
111-44-4	Bis(2-chloroethyl)ether	ND		ug/kg dry	43.5	86.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 22:01	KH
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/kg dry	43.5	86.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 22:01	KH
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/kg dry	43.5	86.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 22:01	KH
105-60-2	Caprolactam	ND		ug/kg dry	86.8	173	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 22:01	KH
86-74-8	Carbazole	ND		ug/kg dry	43.5	86.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 22:01	KH
218-01-9	Chrysene	76.3	J	ug/kg dry	43.5	86.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 22:01	KH
53-70-3	Dibenzo(a,h)anthracene	ND		ug/kg dry	43.5	86.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 22:01	KH
132-64-9	Dibenzofuran	ND		ug/kg dry	43.5	86.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 22:01	KH
84-66-2	Diethyl phthalate	ND		ug/kg dry	43.5	86.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 22:01	KH
131-11-3	Dimethyl phthalate	ND		ug/kg dry	43.5	86.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 22:01	KH



Sample Information

Client Sample ID: Comp 16 20210519

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York Project (SDG) No.
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Date Received
05/20/2021

Semi-Volatiles, NYSDEC Part 375

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3546 SVOA

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
84-74-2	Di-n-butyl phthalate	ND		ug/kg dry	43.5	86.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 22:01	KH
117-84-0	Di-n-octyl phthalate	ND		ug/kg dry	43.5	86.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 22:01	KH
206-44-0	Fluoranthene	102		ug/kg dry	43.5	86.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 22:01	KH
86-73-7	Fluorene	ND		ug/kg dry	43.5	86.8	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 22:01	KH
118-74-1	Hexachlorobenzene	ND		ug/kg dry	43.5	86.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 22:01	KH
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	43.5	86.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 22:01	KH
77-47-4	Hexachlorocyclopentadiene	ND		ug/kg dry	43.5	86.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 22:01	KH
67-72-1	Hexachloroethane	ND		ug/kg dry	43.5	86.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 22:01	KH
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/kg dry	43.5	86.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 22:01	KH
78-59-1	Isophorone	ND		ug/kg dry	43.5	86.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 22:01	KH
91-20-3	Naphthalene	ND		ug/kg dry	43.5	86.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 22:01	KH
98-95-3	Nitrobenzene	ND		ug/kg dry	43.5	86.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 22:01	KH
621-64-7	N-nitroso-di-n-propylamine	ND		ug/kg dry	43.5	86.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 22:01	KH
86-30-6	N-Nitrosodiphenylamine	ND		ug/kg dry	43.5	86.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 22:01	KH
87-86-5	Pentachlorophenol	ND		ug/kg dry	43.5	86.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 22:01	KH
85-01-8	Phenanthrene	49.9	J	ug/kg dry	43.5	86.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 22:01	KH
108-95-2	Phenol	ND		ug/kg dry	43.5	86.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 22:01	KH
129-00-0	Pyrene	119		ug/kg dry	43.5	86.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 22:01	KH
Surrogate Recoveries		Result	Acceptance Range								
367-12-4	Surrogate: SURR: 2-Fluorophenol	40.1 %	30-130								
4165-62-2	Surrogate: SURR: Phenol-d5	37.2 %	30-130								
4165-60-0	Surrogate: SURR: Nitrobenzene-d5	49.6 %	30-130								
321-60-8	Surrogate: SURR: 2-Fluorobiphenyl	36.2 %	30-130								
118-79-6	Surrogate: SURR: 2,4,6-Tribromophenol	38.1 %	30-130								
1718-51-0	Surrogate: SURR: Terphenyl-d14	44.5 %	30-130								



Sample Information

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York Sample ID: 21E0875-42

York Project (SDG) No.
21E0875

Client Project ID
560909-Onekey

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Collection Date/Time
May 19, 2021 12:05 pm

Date Received
05/20/2021

Semi-Volatiles, 1,4-Dioxane 8270 SIM-Soil

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
123-91-1	1,4-Dioxane	ND		ug/kg	9.52	1	EPA 8270D SIM Certifications: NELAC-NY10854	05/24/2021 08:22	05/25/2021 11:46	KH
Surrogate Recoveries		Result		Acceptance Range						
17647-74-4	Surrogate: 1,4-Dioxane-d8	54.0 %					39-127.5			

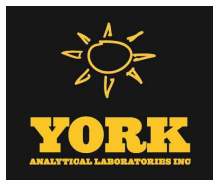
Pesticides, NYSDEC Part 375 Target List

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		ug/kg dry	1.69	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/21/2021 14:08	05/25/2021 18:59	CM
72-55-9	4,4'-DDE	ND		ug/kg dry	1.69	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/21/2021 14:08	05/25/2021 18:59	CM
50-29-3	4,4'-DDT	ND		ug/kg dry	1.69	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/21/2021 14:08	05/25/2021 18:59	CM
309-00-2	Aldrin	ND		ug/kg dry	1.69	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/21/2021 14:08	05/25/2021 18:59	CM
319-84-6	alpha-BHC	ND		ug/kg dry	1.69	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/21/2021 14:08	05/25/2021 18:59	CM
5103-71-9	alpha-Chlordane	ND		ug/kg dry	1.69	5	EPA 8081B Certifications: NELAC-NY10854,NJDEP	05/21/2021 14:08	05/25/2021 18:59	CM
319-85-7	beta-BHC	ND		ug/kg dry	1.69	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/21/2021 14:08	05/25/2021 18:59	CM
319-86-8	delta-BHC	ND		ug/kg dry	1.69	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/21/2021 14:08	05/25/2021 18:59	CM
60-57-1	Dieldrin	ND		ug/kg dry	1.69	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/21/2021 14:08	05/25/2021 18:59	CM
959-98-8	Endosulfan I	ND		ug/kg dry	1.69	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/21/2021 14:08	05/25/2021 18:59	CM
33213-65-9	Endosulfan II	ND		ug/kg dry	1.69	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854	05/21/2021 14:08	05/25/2021 18:59	CM
1031-07-8	Endosulfan sulfate	ND		ug/kg dry	1.69	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/21/2021 14:08	05/25/2021 18:59	CM
72-20-8	Endrin	ND		ug/kg dry	1.69	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/21/2021 14:08	05/25/2021 18:59	CM
58-89-9	gamma-BHC (Lindane)	ND		ug/kg dry	1.69	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/21/2021 14:08	05/25/2021 18:59	CM
76-44-8	Heptachlor	ND		ug/kg dry	1.69	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/21/2021 14:08	05/25/2021 18:59	CM
Surrogate Recoveries		Result		Acceptance Range						
2051-24-3	Surrogate: Decachlorobiphenyl	67.5 %					30-150			
877-09-8	Surrogate: Tetrachloro-m-xylene	41.2 %					30-150			



Sample Information

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May 19, 2021 12:05 pm

Date Received
05/20/2021

Polychlorinated Biphenyls (PCB)

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
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0171	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	05/21/2021 14:08	05/25/2021 00:17	BJ
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0171	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	05/21/2021 14:08	05/25/2021 00:17	BJ
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0171	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	05/21/2021 14:08	05/25/2021 00:17	BJ
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0171	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	05/21/2021 14:08	05/25/2021 00:17	BJ
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0171	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	05/21/2021 14:08	05/25/2021 00:17	BJ
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0171	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	05/21/2021 14:08	05/25/2021 00:17	BJ
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0171	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	05/21/2021 14:08	05/25/2021 00:17	BJ
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0171	1	EPA 8082A Certifications:	05/21/2021 14:08	05/25/2021 00:17	BJ
Surrogate Recoveries		Result	Acceptance Range							
877-09-8	Surrogate: Tetrachloro-m-xylene	71.5 %	30-120							
2051-24-3	Surrogate: Decachlorobiphenyl	45.0 %	30-120							

Herbicides, NYSDEC Part 375 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C/8151A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
93-72-1	2,4,5-TP (Silvex)	ND		ug/kg dry	20.9	1	EPA 8151A Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/25/2021 07:44	05/25/2021 16:28	BJ
Surrogate Recoveries		Result	Acceptance Range							
19719-28-9	Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)	73.0 %	21-150							

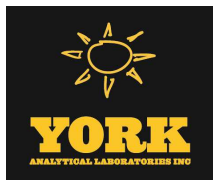
Metals, NYSDEC Part 375

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	5.82		mg/kg dry	1.58	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/27/2021 15:30	05/28/2021 17:02	EM
7440-39-3	Barium	64.3		mg/kg dry	2.64	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/27/2021 15:30	05/28/2021 17:02	EM
7440-41-7	Beryllium	0.312		mg/kg dry	0.053	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/27/2021 15:30	05/28/2021 17:02	EM
7440-43-9	Cadmium	0.424		mg/kg dry	0.316	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/27/2021 15:30	05/28/2021 17:02	EM



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Metals, NYSDEC Part 375

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
7440-47-3	Chromium	20.3		mg/kg dry	0.527	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/27/2021 15:30	05/28/2021 17:02	EM
7440-50-8	Copper	35.2		mg/kg dry	2.11	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/27/2021 15:30	05/28/2021 17:02	EM
7439-92-1	Lead	31.8		mg/kg dry	0.527	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/27/2021 15:30	05/28/2021 17:02	EM
7439-96-5	Manganese	762		mg/kg dry	0.527	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/27/2021 15:30	05/28/2021 17:02	EM
7440-02-0	Nickel	29.0		mg/kg dry	1.05	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/27/2021 15:30	05/28/2021 17:02	EM
7782-49-2	Selenium	ND		mg/kg dry	2.64	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/27/2021 15:30	05/28/2021 17:02	EM
7440-22-4	Silver	ND		mg/kg dry	0.527	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/27/2021 15:30	05/28/2021 17:02	EM
7440-66-6	Zinc	81.1		mg/kg dry	2.64	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/27/2021 15:30	05/28/2021 17:02	EM

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	0.0660		mg/kg dry	0.0316	1	EPA 7473 Certifications: CTDOH,NJDEP,NELAC-NY10854,PADEP	05/27/2021 17:24	05/27/2021 21:08	AD

Chromium, Hexavalent

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND		mg/kg dry	0.527	1	EPA 7196A Certifications: NJDEP,CTDOH,NELAC-NY10854,PADEP	05/21/2021 07:29	05/21/2021 12:42	OT

Chromium, Trivalent

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
16065-83-1	* Chromium, Trivalent	20.3		mg/kg	0.500	1	Calculation Certifications:	05/27/2021 11:07	05/28/2021 16:37	PAM

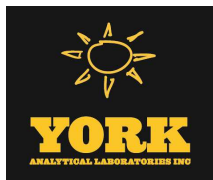
Cyanide, Total

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation Soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-12-5	Cyanide, total	ND		mg/kg dry	0.527	1	EPA 9014/9010C Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	05/24/2021 08:10	05/24/2021 13:13	JAG



Sample Information

Client Sample ID: Comp 16 20210519

York Sample ID: 21E0875-42

York Project (SDG) No.
21E0875

Client Project ID
560909-Onekey

Matrix
Soil

Collection Date/Time
May 19, 2021 12:05 pm

Date Received
05/20/2021

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	94.9		%	0.100	1	SM 2540G Certifications: CTDH	05/21/2021 08:15	05/21/2021 12:52	SK

Sample Information

Client Sample ID: Comp 17 20210519

York Sample ID: 21E0875-43

York Project (SDG) No.
21E0875

Client Project ID
560909-Onekey

Matrix
Soil

Collection Date/Time
May 19, 2021 12:10 pm

Date Received
05/20/2021

Semi-Volatiles, NYSDEC Part 375

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3546 SVOA

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		ug/kg dry	43.5	86.8	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 23:35	KH
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		ug/kg dry	86.8	173	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 23:35	KH
58-90-2	2,3,4,6-Tetrachlorophenol	ND		ug/kg dry	86.8	173	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 23:35	KH
95-95-4	2,4,5-Trichlorophenol	ND		ug/kg dry	43.5	86.8	2	EPA 8270D Certifications: CTDH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 23:35	KH
88-06-2	2,4,6-Trichlorophenol	ND		ug/kg dry	43.5	86.8	2	EPA 8270D Certifications: CTDH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 23:35	KH
120-83-2	2,4-Dichlorophenol	ND		ug/kg dry	43.5	86.8	2	EPA 8270D Certifications: CTDH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 23:35	KH
105-67-9	2,4-Dimethylphenol	ND		ug/kg dry	43.5	86.8	2	EPA 8270D Certifications: CTDH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 23:35	KH
51-28-5	2,4-Dinitrophenol	ND		ug/kg dry	86.8	173	2	EPA 8270D Certifications: CTDH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 23:35	KH
121-14-2	2,4-Dinitrotoluene	ND		ug/kg dry	43.5	86.8	2	EPA 8270D Certifications: CTDH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 23:35	KH
606-20-2	2,6-Dinitrotoluene	ND		ug/kg dry	43.5	86.8	2	EPA 8270D Certifications: CTDH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 23:35	KH
91-58-7	2-Chloronaphthalene	ND		ug/kg dry	43.5	86.8	2	EPA 8270D Certifications: CTDH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 23:35	KH
95-57-8	2-Chlorophenol	ND		ug/kg dry	43.5	86.8	2	EPA 8270D Certifications: CTDH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 23:35	KH
91-57-6	2-Methylnaphthalene	ND		ug/kg dry	43.5	86.8	2	EPA 8270D Certifications: CTDH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 23:35	KH
95-48-7	2-Methylphenol	ND		ug/kg dry	43.5	86.8	2	EPA 8270D Certifications: CTDH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 23:35	KH



Sample Information

Client Sample ID: Comp 17 20210519

York Sample ID: 21E0875-43

York Project (SDG) No.
21E0875

Client Project ID
560909-Onekey

Matrix
Soil

Collection Date/Time
May 19, 2021 12:10 pm

Date Received
05/20/2021

Semi-Volatiles, NYSDEC Part 375

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3546 SVOA

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
88-74-4	2-Nitroaniline	ND		ug/kg dry	86.8	173	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 23:35	KH
88-75-5	2-Nitrophenol	ND		ug/kg dry	43.5	86.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 23:35	KH
65794-96-9	3- & 4-Methylphenols	ND		ug/kg dry	43.5	86.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 23:35	KH
91-94-1	3,3-Dichlorobenzidine	ND		ug/kg dry	43.5	86.8	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 23:35	KH
99-09-2	3-Nitroaniline	ND		ug/kg dry	86.8	173	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 23:35	KH
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/kg dry	86.8	173	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 23:35	KH
101-55-3	4-Bromophenyl phenyl ether	ND		ug/kg dry	43.5	86.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 23:35	KH
59-50-7	4-Chloro-3-methylphenol	ND		ug/kg dry	43.5	86.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 23:35	KH
106-47-8	4-Chloroaniline	ND		ug/kg dry	43.5	86.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 23:35	KH
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/kg dry	43.5	86.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 23:35	KH
100-01-6	4-Nitroaniline	ND		ug/kg dry	86.8	173	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 23:35	KH
100-02-7	4-Nitrophenol	ND		ug/kg dry	86.8	173	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 23:35	KH
83-32-9	Acenaphthene	ND		ug/kg dry	43.5	86.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 23:35	KH
208-96-8	Acenaphthylene	ND		ug/kg dry	43.5	86.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 23:35	KH
98-86-2	Acetophenone	ND		ug/kg dry	43.5	86.8	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 23:35	KH
120-12-7	Anthracene	ND		ug/kg dry	43.5	86.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 23:35	KH
1912-24-9	Atrazine	ND		ug/kg dry	43.5	86.8	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 23:35	KH
100-52-7	Benzaldehyde	ND		ug/kg dry	43.5	86.8	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 23:35	KH
56-55-3	Benzo(a)anthracene	110		ug/kg dry	43.5	86.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 23:35	KH
50-32-8	Benzo(a)pyrene	81.9	J	ug/kg dry	43.5	86.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 23:35	KH
205-99-2	Benzo(b)fluoranthene	74.2	J	ug/kg dry	43.5	86.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 23:35	KH
191-24-2	Benzo(g,h,i)perylene	60.4	J	ug/kg dry	43.5	86.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 23:35	KH
207-08-9	Benzo(k)fluoranthene	77.0	J	ug/kg dry	43.5	86.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 23:35	KH



Sample Information

Client Sample ID: Comp 17 20210519

York Sample ID: 21E0875-43

York Project (SDG) No.
21E0875

Client Project ID
560909-Onekey

Matrix
Soil

Collection Date/Time
May 19, 2021 12:10 pm

Date Received
05/20/2021

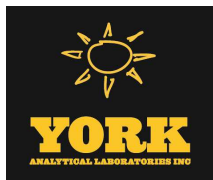
Semi-Volatiles, NYSDEC Part 375

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3546 SVOA

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
85-68-7	Benzyl butyl phthalate	ND		ug/kg dry	43.5	86.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 23:35	KH
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/kg dry	43.5	86.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 23:35	KH
111-44-4	Bis(2-chloroethyl)ether	ND		ug/kg dry	43.5	86.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 23:35	KH
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/kg dry	43.5	86.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 23:35	KH
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/kg dry	43.5	86.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 23:35	KH
105-60-2	Caprolactam	ND		ug/kg dry	86.8	173	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 23:35	KH
86-74-8	Carbazole	ND		ug/kg dry	43.5	86.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 23:35	KH
218-01-9	Chrysene	108		ug/kg dry	43.5	86.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 23:35	KH
53-70-3	Dibenzo(a,h)anthracene	ND		ug/kg dry	43.5	86.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 23:35	KH
132-64-9	Dibenzofuran	ND		ug/kg dry	43.5	86.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 23:35	KH
84-66-2	Diethyl phthalate	ND		ug/kg dry	43.5	86.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 23:35	KH
131-11-3	Dimethyl phthalate	ND		ug/kg dry	43.5	86.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 23:35	KH
84-74-2	Di-n-butyl phthalate	ND		ug/kg dry	43.5	86.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 23:35	KH
117-84-0	Di-n-octyl phthalate	ND		ug/kg dry	43.5	86.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 23:35	KH
206-44-0	Fluoranthene	197		ug/kg dry	43.5	86.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 23:35	KH
86-73-7	Fluorene	ND		ug/kg dry	43.5	86.8	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 23:35	KH
118-74-1	Hexachlorobenzene	ND		ug/kg dry	43.5	86.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 23:35	KH
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	43.5	86.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 23:35	KH
77-47-4	Hexachlorocyclopentadiene	ND		ug/kg dry	43.5	86.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 23:35	KH
67-72-1	Hexachloroethane	ND		ug/kg dry	43.5	86.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 23:35	KH
193-39-5	Indeno(1,2,3-cd)pyrene	50.0	J	ug/kg dry	43.5	86.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 23:35	KH
78-59-1	Isophorone	ND		ug/kg dry	43.5	86.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 23:35	KH
91-20-3	Naphthalene	ND		ug/kg dry	43.5	86.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 23:35	KH



Sample Information

Client Sample ID: Comp 17 20210519

York Sample ID: 21E0875-43

York Project (SDG) No.
21E0875

Client Project ID
560909-Onekey

Matrix
Soil

Collection Date/Time
May 19, 2021 12:10 pm

Date Received
05/20/2021

Semi-Volatiles, NYSDEC Part 375

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3546 SVOA

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
98-95-3	Nitrobenzene	ND		ug/kg dry	43.5	86.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 23:35	KH
621-64-7	N-nitroso-di-n-propylamine	ND		ug/kg dry	43.5	86.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 23:35	KH
86-30-6	N-Nitrosodiphenylamine	ND		ug/kg dry	43.5	86.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 23:35	KH
87-86-5	Pentachlorophenol	ND		ug/kg dry	43.5	86.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 23:35	KH
85-01-8	Phenanthrene	128		ug/kg dry	43.5	86.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 23:35	KH
108-95-2	Phenol	ND		ug/kg dry	43.5	86.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 23:35	KH
129-00-0	Pyrene	182		ug/kg dry	43.5	86.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/25/2021 23:35	KH
Surrogate Recoveries		Result	Acceptance Range								
367-12-4	Surrogate: SURR: 2-Fluorophenol	44.1 %	30-130								
4165-62-2	Surrogate: SURR: Phenol-d5	42.1 %	30-130								
4165-60-0	Surrogate: SURR: Nitrobenzene-d5	56.3 %	30-130								
321-60-8	Surrogate: SURR: 2-Fluorobiphenyl	39.5 %	30-130								
118-79-6	Surrogate: SURR: 2,4,6-Tribromophenol	45.4 %	30-130								
1718-51-0	Surrogate: SURR: Terphenyl-d14	55.4 %	30-130								

Semi-Volatiles, 1,4-Dioxane 8270 SIM-Soil

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
123-91-1	1,4-Dioxane		ND		ug/kg	9.52	1	EPA 8270D SIM Certifications: NELAC-NY10854	05/24/2021 08:22	05/25/2021 12:03	KH
		Surrogate Recoveries	Result	Acceptance Range							
17647-74-4	Surrogate: 1,4-Dioxane-d8		58.0 %	39-127.5							

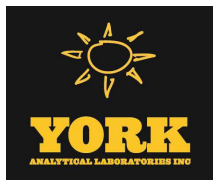
Pesticides, NYSDEC Part 375 Target List

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		ug/kg dry	1.69	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/21/2021 14:08	05/26/2021 12:52	CM
72-55-9	4,4'-DDE	ND		ug/kg dry	1.69	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/21/2021 14:08	05/26/2021 12:52	CM
50-29-3	4,4'-DDT	ND		ug/kg dry	1.69	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/21/2021 14:08	05/26/2021 12:52	CM



Sample Information

Client Sample ID: Comp 17 20210519

York Sample ID: 21E0875-43

York Project (SDG) No.
21E0875

Client Project ID
560909-Onekey

Matrix
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Collection Date/Time
May 19, 2021 12:10 pm

Date Received
05/20/2021

Pesticides, NYSDEC Part 375 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
309-00-2	Aldrin	ND		ug/kg dry	1.69	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/21/2021 14:08	05/26/2021 12:52	CM
319-84-6	alpha-BHC	ND		ug/kg dry	1.69	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/21/2021 14:08	05/26/2021 12:52	CM
5103-71-9	alpha-Chlordane	ND		ug/kg dry	1.69	5	EPA 8081B Certifications: NELAC-NY10854,NJDEP	05/21/2021 14:08	05/26/2021 12:52	CM
319-85-7	beta-BHC	ND		ug/kg dry	1.69	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/21/2021 14:08	05/26/2021 12:52	CM
319-86-8	delta-BHC	ND		ug/kg dry	1.69	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/21/2021 14:08	05/26/2021 12:52	CM
60-57-1	Dieldrin	ND		ug/kg dry	1.69	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/21/2021 14:08	05/26/2021 12:52	CM
959-98-8	Endosulfan I	ND		ug/kg dry	1.69	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/21/2021 14:08	05/26/2021 12:52	CM
33213-65-9	Endosulfan II	ND		ug/kg dry	1.69	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854	05/21/2021 14:08	05/26/2021 12:52	CM
1031-07-8	Endosulfan sulfate	ND		ug/kg dry	1.69	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/21/2021 14:08	05/26/2021 12:52	CM
72-20-8	Endrin	ND		ug/kg dry	1.69	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/21/2021 14:08	05/26/2021 12:52	CM
58-89-9	gamma-BHC (Lindane)	ND		ug/kg dry	1.69	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/21/2021 14:08	05/26/2021 12:52	CM
76-44-8	Heptachlor	ND		ug/kg dry	1.69	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/21/2021 14:08	05/26/2021 12:52	CM
Surrogate Recoveries		Result	Acceptance Range							
2051-24-3	Surrogate: Decachlorobiphenyl	69.4 %	30-150							
877-09-8	Surrogate: Tetrachloro-m-xylene	42.0 %	30-150							

Polychlorinated Biphenyls (PCB)

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
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0171	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	05/21/2021 14:08	05/25/2021 00:30	BJ
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0171	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	05/21/2021 14:08	05/25/2021 00:30	BJ
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0171	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	05/21/2021 14:08	05/25/2021 00:30	BJ
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0171	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	05/21/2021 14:08	05/25/2021 00:30	BJ
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0171	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	05/21/2021 14:08	05/25/2021 00:30	BJ
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0171	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	05/21/2021 14:08	05/25/2021 00:30	BJ



Sample Information

Client Sample ID: Comp 17 20210519

York Sample ID: 21E0875-43

York Project (SDG) No.
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Client Project ID
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05/20/2021

Polychlorinated Biphenyls (PCB)

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
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0171	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	05/21/2021 14:08	05/25/2021 00:30	BJ
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0171	1	EPA 8082A Certifications:	05/21/2021 14:08	05/25/2021 00:30	BJ
Surrogate Recoveries		Result		Acceptance Range						
877-09-8	Surrogate: Tetrachloro-m-xylene	74.0 %								
2051-24-3	Surrogate: Decachlorobiphenyl	47.5 %								

Herbicides, NYSDEC Part 375 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C/8151A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
93-72-1	2,4,5-TP (Silvex)	ND		ug/kg dry	20.9	1	EPA 8151A Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/25/2021 07:44	05/25/2021 16:39	BJ
Surrogate Recoveries		Result		Acceptance Range						
19719-28-9	Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)	74.6 %								

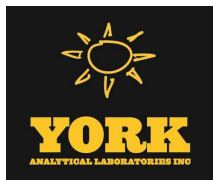
Metals, NYSDEC Part 375

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	5.15		mg/kg dry	1.58	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/27/2021 15:30	05/28/2021 17:06	EM
7440-39-3	Barium	81.2		mg/kg dry	2.64	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/27/2021 15:30	05/28/2021 17:06	EM
7440-41-7	Beryllium	0.153		mg/kg dry	0.053	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/27/2021 15:30	05/28/2021 17:06	EM
7440-43-9	Cadmium	0.338		mg/kg dry	0.316	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/27/2021 15:30	05/28/2021 17:06	EM
7440-47-3	Chromium	18.5		mg/kg dry	0.527	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/27/2021 15:30	05/28/2021 17:06	EM
7440-50-8	Copper	37.2		mg/kg dry	2.11	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/27/2021 15:30	05/28/2021 17:06	EM
7439-92-1	Lead	31.0		mg/kg dry	0.527	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/27/2021 15:30	05/28/2021 17:06	EM
7439-96-5	Manganese	660		mg/kg dry	0.527	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/27/2021 15:30	05/28/2021 17:06	EM
7440-02-0	Nickel	25.1		mg/kg dry	1.05	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/27/2021 15:30	05/28/2021 17:06	EM
7782-49-2	Selenium	ND		mg/kg dry	2.64	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/27/2021 15:30	05/28/2021 17:06	EM



Sample Information

Client Sample ID: Comp 17 20210519

York Sample ID: 21E0875-43

York Project (SDG) No.
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Client Project ID
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Metals, NYSDEC Part 375

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
7440-22-4	Silver	ND		mg/kg dry	0.527	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/27/2021 15:30	05/28/2021 17:06	EM
7440-66-6	Zinc	78.0		mg/kg dry	2.64	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/27/2021 15:30	05/28/2021 17:06	EM

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	0.0563		mg/kg dry	0.0316	1	EPA 7473 Certifications: CTDOH,NJDEP,NELAC-NY10854,PADEP	05/27/2021 17:24	05/27/2021 21:18	AD

Chromium, Hexavalent

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND		mg/kg dry	0.527	1	EPA 7196A Certifications: NJDEP,CTDOH,NELAC-NY10854,PADEP	05/21/2021 14:10	05/21/2021 19:59	ZTS

Chromium, Trivalent

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
16065-83-1	* Chromium, Trivalent	18.5		mg/kg	0.500	1	Calculation Certifications:	05/27/2021 11:07	05/28/2021 16:37	PAM

Cyanide, Total

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation Soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-12-5	Cyanide, total	ND		mg/kg dry	0.527	1	EPA 9014/9010C Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	05/24/2021 08:10	05/24/2021 13:13	JAG

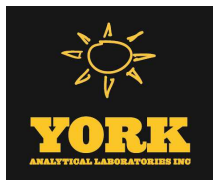
Total Solids

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	94.8		%	0.100	1	SM 2540G Certifications: CTDOH	05/21/2021 08:15	05/21/2021 12:52	SK



Sample Information

Client Sample ID: Comp 18 20210519

York Sample ID: 21E0875-44

York Project (SDG) No.
21E0875

Client Project ID
560909-Onekey

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Soil

Collection Date/Time
May 19, 2021 11:35 am

Date Received
05/20/2021

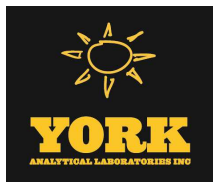
Semi-Volatiles, NYSDEC Part 375

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3546 SVOA

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		ug/kg dry	43.4	86.6	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/26/2021 00:07	KH
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		ug/kg dry	86.6	173	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/26/2021 00:07	KH
58-90-2	2,3,4,6-Tetrachlorophenol	ND		ug/kg dry	86.6	173	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/26/2021 00:07	KH
95-95-4	2,4,5-Trichlorophenol	ND		ug/kg dry	43.4	86.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/26/2021 00:07	KH
88-06-2	2,4,6-Trichlorophenol	ND		ug/kg dry	43.4	86.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/26/2021 00:07	KH
120-83-2	2,4-Dichlorophenol	ND		ug/kg dry	43.4	86.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/26/2021 00:07	KH
105-67-9	2,4-Dimethylphenol	ND		ug/kg dry	43.4	86.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/26/2021 00:07	KH
51-28-5	2,4-Dinitrophenol	ND		ug/kg dry	86.6	173	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/26/2021 00:07	KH
121-14-2	2,4-Dinitrotoluene	ND		ug/kg dry	43.4	86.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/26/2021 00:07	KH
606-20-2	2,6-Dinitrotoluene	ND		ug/kg dry	43.4	86.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/26/2021 00:07	KH
91-58-7	2-Chloronaphthalene	ND		ug/kg dry	43.4	86.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/26/2021 00:07	KH
95-57-8	2-Chlorophenol	ND		ug/kg dry	43.4	86.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/26/2021 00:07	KH
91-57-6	2-Methylnaphthalene	ND		ug/kg dry	43.4	86.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/26/2021 00:07	KH
95-48-7	2-Methylphenol	ND		ug/kg dry	43.4	86.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/26/2021 00:07	KH
88-74-4	2-Nitroaniline	ND		ug/kg dry	86.6	173	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/26/2021 00:07	KH
88-75-5	2-Nitrophenol	ND		ug/kg dry	43.4	86.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/26/2021 00:07	KH
65794-96-9	3- & 4-Methylphenols	ND		ug/kg dry	43.4	86.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/26/2021 00:07	KH
91-94-1	3,3-Dichlorobenzidine	ND		ug/kg dry	43.4	86.6	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/26/2021 00:07	KH
99-09-2	3-Nitroaniline	ND		ug/kg dry	86.6	173	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/26/2021 00:07	KH
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/kg dry	86.6	173	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/26/2021 00:07	KH
101-55-3	4-Bromophenyl phenyl ether	ND		ug/kg dry	43.4	86.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/26/2021 00:07	KH
59-50-7	4-Chloro-3-methylphenol	ND		ug/kg dry	43.4	86.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/26/2021 00:07	KH
106-47-8	4-Chloroaniline	ND		ug/kg dry	43.4	86.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/26/2021 00:07	KH



Sample Information

Client Sample ID: Comp 18 20210519

York Sample ID: 21E0875-44

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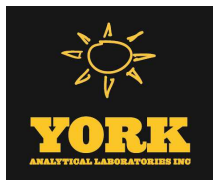
Semi-Volatiles, NYSDEC Part 375

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3546 SVOA

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/kg dry	43.4	86.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/26/2021 00:07	KH
100-01-6	4-Nitroaniline	ND		ug/kg dry	86.6	173	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/26/2021 00:07	KH
100-02-7	4-Nitrophenol	ND		ug/kg dry	86.6	173	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/26/2021 00:07	KH
83-32-9	Acenaphthene	ND		ug/kg dry	43.4	86.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/26/2021 00:07	KH
208-96-8	Acenaphthylene	ND		ug/kg dry	43.4	86.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/26/2021 00:07	KH
98-86-2	Acetophenone	ND		ug/kg dry	43.4	86.6	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/26/2021 00:07	KH
120-12-7	Anthracene	ND		ug/kg dry	43.4	86.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/26/2021 00:07	KH
1912-24-9	Atrazine	ND		ug/kg dry	43.4	86.6	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/26/2021 00:07	KH
100-52-7	Benzaldehyde	ND		ug/kg dry	43.4	86.6	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/26/2021 00:07	KH
56-55-3	Benzo(a)anthracene	116		ug/kg dry	43.4	86.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/26/2021 00:07	KH
50-32-8	Benzo(a)pyrene	90.0		ug/kg dry	43.4	86.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/26/2021 00:07	KH
205-99-2	Benzo(b)fluoranthene	83.7	J	ug/kg dry	43.4	86.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/26/2021 00:07	KH
191-24-2	Benzo(g,h,i)perylene	66.4	J	ug/kg dry	43.4	86.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/26/2021 00:07	KH
207-08-9	Benzo(k)fluoranthene	92.7		ug/kg dry	43.4	86.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/26/2021 00:07	KH
85-68-7	Benzyl butyl phthalate	ND		ug/kg dry	43.4	86.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/26/2021 00:07	KH
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/kg dry	43.4	86.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/26/2021 00:07	KH
111-44-4	Bis(2-chloroethyl)ether	ND		ug/kg dry	43.4	86.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/26/2021 00:07	KH
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/kg dry	43.4	86.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/26/2021 00:07	KH
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/kg dry	43.4	86.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/26/2021 00:07	KH
105-60-2	Caprolactam	ND		ug/kg dry	86.6	173	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/26/2021 00:07	KH
86-74-8	Carbazole	ND		ug/kg dry	43.4	86.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/26/2021 00:07	KH
218-01-9	Chrysene	117		ug/kg dry	43.4	86.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/26/2021 00:07	KH
53-70-3	Dibenzo(a,h)anthracene	ND		ug/kg dry	43.4	86.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/26/2021 00:07	KH



Sample Information

Client Sample ID: Comp 18 20210519

York Sample ID: 21E0875-44

York Project (SDG) No.
21E0875

Client Project ID
560909-Onekey

Matrix
Soil

Collection Date/Time
May 19, 2021 11:35 am

Date Received
05/20/2021

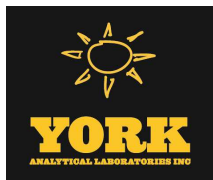
Semi-Volatiles, NYSDEC Part 375

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3546 SVOA

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
132-64-9	Dibenzofuran	ND		ug/kg dry	43.4	86.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/26/2021 00:07	KH
84-66-2	Diethyl phthalate	ND		ug/kg dry	43.4	86.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/26/2021 00:07	KH
131-11-3	Dimethyl phthalate	ND		ug/kg dry	43.4	86.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/26/2021 00:07	KH
84-74-2	Di-n-butyl phthalate	ND		ug/kg dry	43.4	86.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/26/2021 00:07	KH
117-84-0	Di-n-octyl phthalate	ND		ug/kg dry	43.4	86.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/26/2021 00:07	KH
206-44-0	Fluoranthene	185		ug/kg dry	43.4	86.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/26/2021 00:07	KH
86-73-7	Fluorene	ND		ug/kg dry	43.4	86.6	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/26/2021 00:07	KH
118-74-1	Hexachlorobenzene	ND		ug/kg dry	43.4	86.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/26/2021 00:07	KH
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	43.4	86.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/26/2021 00:07	KH
77-47-4	Hexachlorocyclopentadiene	ND		ug/kg dry	43.4	86.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/26/2021 00:07	KH
67-72-1	Hexachloroethane	ND		ug/kg dry	43.4	86.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/26/2021 00:07	KH
193-39-5	Indeno(1,2,3-cd)pyrene	54.0	J	ug/kg dry	43.4	86.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/26/2021 00:07	KH
78-59-1	Isophorone	ND		ug/kg dry	43.4	86.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/26/2021 00:07	KH
91-20-3	Naphthalene	ND		ug/kg dry	43.4	86.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/26/2021 00:07	KH
98-95-3	Nitrobenzene	ND		ug/kg dry	43.4	86.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/26/2021 00:07	KH
621-64-7	N-nitroso-di-n-propylamine	ND		ug/kg dry	43.4	86.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/26/2021 00:07	KH
86-30-6	N-Nitrosodiphenylamine	ND		ug/kg dry	43.4	86.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/26/2021 00:07	KH
87-86-5	Pentachlorophenol	ND		ug/kg dry	43.4	86.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/26/2021 00:07	KH
85-01-8	Phenanthrene	78.2	J	ug/kg dry	43.4	86.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/26/2021 00:07	KH
108-95-2	Phenol	ND		ug/kg dry	43.4	86.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/26/2021 00:07	KH
129-00-0	Pyrene	195		ug/kg dry	43.4	86.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/26/2021 00:07	KH
Surrogate Recoveries		Result	Acceptance Range								
367-12-4	Surrogate: SURR: 2-Fluorophenol	44.3 %	30-130								
4165-62-2	Surrogate: SURR: Phenol-d5	42.9 %	30-130								
4165-60-0	Surrogate: SURR: Nitrobenzene-d5	53.5 %	30-130								



Sample Information

Client Sample ID: Comp 18 20210519

York Sample ID: 21E0875-44

York Project (SDG) No.
21E0875

Client Project ID
560909-Onekey

Matrix
Soil

Collection Date/Time
May 19, 2021 11:35 am

Date Received
05/20/2021

Semi-Volatiles, NYSDEC Part 375

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3546 SVOA

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
321-60-8	Surrogate: SURR: 2-Fluorobiphenyl	39.6 %			30-130						
118-79-6	Surrogate: SURR: 2,4,6-Tribromophenol	43.7 %			30-130						
1718-51-0	Surrogate: SURR: Terphenyl-d14	59.2 %			30-130						

Semi-Volatiles, 1,4-Dioxane 8270 SIM-Soil

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
123-91-1	1,4-Dioxane	ND		ug/kg	9.52	1	EPA 8270D SIM Certifications: NELAC-NY10854	05/24/2021 08:22	05/25/2021 12:20	KH
Surrogate Recoveries		Result		Acceptance Range						
17647-74-4	Surrogate: 1,4-Dioxane-d8	54.0 %			39-127.5					

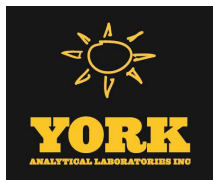
Pesticides, NYSDEC Part 375 Target List

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		ug/kg dry	1.69	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/21/2021 14:08	05/26/2021 13:09	CM
72-55-9	4,4'-DDE	ND		ug/kg dry	1.69	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/21/2021 14:08	05/26/2021 13:09	CM
50-29-3	4,4'-DDT	ND		ug/kg dry	1.69	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/21/2021 14:08	05/26/2021 13:09	CM
309-00-2	Aldrin	ND		ug/kg dry	1.69	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/21/2021 14:08	05/26/2021 13:09	CM
319-84-6	alpha-BHC	ND		ug/kg dry	1.69	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/21/2021 14:08	05/26/2021 13:09	CM
5103-71-9	alpha-Chlordane	ND		ug/kg dry	1.69	5	EPA 8081B Certifications: NELAC-NY10854,NJDEP	05/21/2021 14:08	05/26/2021 13:09	CM
319-85-7	beta-BHC	ND		ug/kg dry	1.69	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/21/2021 14:08	05/26/2021 13:09	CM
319-86-8	delta-BHC	ND		ug/kg dry	1.69	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/21/2021 14:08	05/26/2021 13:09	CM
60-57-1	Dieldrin	ND		ug/kg dry	1.69	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/21/2021 14:08	05/26/2021 13:09	CM
959-98-8	Endosulfan I	ND		ug/kg dry	1.69	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/21/2021 14:08	05/26/2021 13:09	CM
33213-65-9	Endosulfan II	ND		ug/kg dry	1.69	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854	05/21/2021 14:08	05/26/2021 13:09	CM
1031-07-8	Endosulfan sulfate	ND		ug/kg dry	1.69	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/21/2021 14:08	05/26/2021 13:09	CM
72-20-8	Endrin	ND		ug/kg dry	1.69	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/21/2021 14:08	05/26/2021 13:09	CM



Sample Information

Client Sample ID: Comp 18 20210519

York Sample ID: 21E0875-44

York Project (SDG) No.
21E0875

Client Project ID
560909-Onekey

Matrix
Soil

Collection Date/Time
May 19, 2021 11:35 am

Date Received
05/20/2021

Pesticides, NYSDEC Part 375 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
58-89-9	gamma-BHC (Lindane)	ND		ug/kg dry	1.69	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/21/2021 14:08	05/26/2021 13:09	CM
76-44-8	Heptachlor	ND		ug/kg dry	1.69	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/21/2021 14:08	05/26/2021 13:09	CM
Surrogate Recoveries		Result		Acceptance Range						
2051-24-3	Surrogate: Decachlorobiphenyl	75.1 %								
877-09-8	Surrogate: Tetrachloro-m-xylene	43.3 %								

Polychlorinated Biphenyls (PCB)

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
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0171	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	05/21/2021 14:08	05/25/2021 00:57	BJ
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0171	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	05/21/2021 14:08	05/25/2021 00:57	BJ
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0171	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	05/21/2021 14:08	05/25/2021 00:57	BJ
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0171	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	05/21/2021 14:08	05/25/2021 00:57	BJ
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0171	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	05/21/2021 14:08	05/25/2021 00:57	BJ
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0171	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	05/21/2021 14:08	05/25/2021 00:57	BJ
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0171	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	05/21/2021 14:08	05/25/2021 00:57	BJ
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0171	1	EPA 8082A Certifications:	05/21/2021 14:08	05/25/2021 00:57	BJ
Surrogate Recoveries		Result		Acceptance Range						
877-09-8	Surrogate: Tetrachloro-m-xylene	77.0 %								
2051-24-3	Surrogate: Decachlorobiphenyl	48.0 %								

Herbicides, NYSDEC Part 375 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C/8151A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
93-72-1	2,4,5-TP (Silvex)	ND		ug/kg dry	20.6	1	EPA 8151A Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/25/2021 07:44	05/25/2021 16:50	BJ
Surrogate Recoveries		Result		Acceptance Range						
19719-28-9	Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)	49.4 %								



Sample Information

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York Sample ID: 21E0875-44

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21E0875

Client Project ID

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May 19, 2021 11:35 am

Date Received

05/20/2021

Metals, NYSDEC Part 375

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	5.33		mg/kg dry	1.56	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/27/2021 15:30	05/28/2021 17:09	EM
7440-39-3	Barium	76.7		mg/kg dry	2.60	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/27/2021 15:30	05/28/2021 17:09	EM
7440-41-7	Beryllium	0.069		mg/kg dry	0.052	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/27/2021 15:30	05/28/2021 17:09	EM
7440-43-9	Cadmium	0.336		mg/kg dry	0.312	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/27/2021 15:30	05/28/2021 17:09	EM
7440-47-3	Chromium	16.7		mg/kg dry	0.521	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/27/2021 15:30	05/28/2021 17:09	EM
7440-50-8	Copper	36.8		mg/kg dry	2.08	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/27/2021 15:30	05/28/2021 17:09	EM
7439-92-1	Lead	34.2		mg/kg dry	0.521	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/27/2021 15:30	05/28/2021 17:09	EM
7439-96-5	Manganese	653		mg/kg dry	0.521	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/27/2021 15:30	05/28/2021 17:09	EM
7440-02-0	Nickel	21.8		mg/kg dry	1.04	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/27/2021 15:30	05/28/2021 17:09	EM
7782-49-2	Selenium	ND		mg/kg dry	2.60	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/27/2021 15:30	05/28/2021 17:09	EM
7440-22-4	Silver	ND		mg/kg dry	0.521	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/27/2021 15:30	05/28/2021 17:09	EM
7440-66-6	Zinc	71.1		mg/kg dry	2.60	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/27/2021 15:30	05/28/2021 17:09	EM

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	0.0696		mg/kg dry	0.0312	1	EPA 7473 Certifications: CTDOH,NJDEP,NELAC-NY10854,PADEP	05/27/2021 17:24	05/27/2021 21:28	AD

Chromium, Hexavalent

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND		mg/kg dry	0.521	1	EPA 7196A Certifications: NJDEP,CTDOH,NELAC-NY10854,PADEP	05/21/2021 14:10	05/21/2021 19:59	ZTS

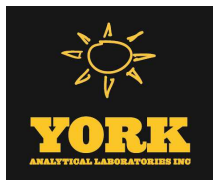
Chromium, Trivalent

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

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: Comp 18 20210519

York Sample ID: 21E0875-44

<u>York Project (SDG) No.</u> 21E0875	<u>Client Project ID</u> 560909-Onekey	<u>Matrix</u> Soil	<u>Collection Date/Time</u> May 19, 2021 11:35 am	<u>Date Received</u> 05/20/2021
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16065-83-1	* Chromium, Trivalent	16.7	mg/kg	0.500	1	Calculation	05/27/2021 11:07	05/28/2021 16:37	PAM
Certifications:									

Cyanide, Total

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation Soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-12-5	Cyanide, total	ND		mg/kg dry	0.521	1	EPA 9014/9010C Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	05/24/2021 08:10	05/24/2021 13:13	JAG

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	96.0		%	0.100	1	SM 2540G Certifications: CTDOH	05/21/2021 08:16	05/21/2021 13:57	SK

Sample Information

Client Sample ID: Comp 19 20210519

York Sample ID: 21E0875-45

<u>York Project (SDG) No.</u> 21E0875	<u>Client Project ID</u> 560909-Onekey	<u>Matrix</u> Soil	<u>Collection Date/Time</u> May 19, 2021 12:15 pm	<u>Date Received</u> 05/20/2021
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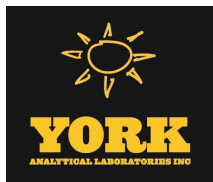
Semi-Volatiles, NYSDEC Part 375

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3546 SVOA

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		ug/kg dry	43.9	87.5	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/26/2021 00:38	KH
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		ug/kg dry	87.5	175	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/26/2021 00:38	KH
58-90-2	2,3,4,6-Tetrachlorophenol	ND		ug/kg dry	87.5	175	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/26/2021 00:38	KH
95-95-4	2,4,5-Trichlorophenol	ND		ug/kg dry	43.9	87.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/26/2021 00:38	KH
88-06-2	2,4,6-Trichlorophenol	ND		ug/kg dry	43.9	87.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/26/2021 00:38	KH
120-83-2	2,4-Dichlorophenol	ND		ug/kg dry	43.9	87.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/26/2021 00:38	KH
105-67-9	2,4-Dimethylphenol	ND		ug/kg dry	43.9	87.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/26/2021 00:38	KH
51-28-5	2,4-Dinitrophenol	ND		ug/kg dry	87.5	175	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/26/2021 00:38	KH
121-14-2	2,4-Dinitrotoluene	ND		ug/kg dry	43.9	87.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/26/2021 00:38	KH



Sample Information

Client Sample ID: Comp 19 20210519

York Sample ID: 21E0875-45

York Project (SDG) No.

21E0875

Client Project ID

560909-Onekey

Matrix

Soil

Collection Date/Time

May 19, 2021 12:15 pm

Date Received

05/20/2021

Semi-Volatiles, NYSDEC Part 375

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3546 SVOA

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
606-20-2	2,6-Dinitrotoluene	ND		ug/kg dry	43.9	87.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/26/2021 00:38	KH
91-58-7	2-Chloronaphthalene	ND		ug/kg dry	43.9	87.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/26/2021 00:38	KH
95-57-8	2-Chlorophenol	ND		ug/kg dry	43.9	87.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/26/2021 00:38	KH
91-57-6	2-Methylnaphthalene	ND		ug/kg dry	43.9	87.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/26/2021 00:38	KH
95-48-7	2-Methylphenol	ND		ug/kg dry	43.9	87.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/26/2021 00:38	KH
88-74-4	2-Nitroaniline	ND		ug/kg dry	87.5	175	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/26/2021 00:38	KH
88-75-5	2-Nitrophenol	ND		ug/kg dry	43.9	87.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/26/2021 00:38	KH
65794-96-9	3- & 4-Methylphenols	ND		ug/kg dry	43.9	87.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/26/2021 00:38	KH
91-94-1	3,3-Dichlorobenzidine	ND		ug/kg dry	43.9	87.5	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/26/2021 00:38	KH
99-09-2	3-Nitroaniline	ND		ug/kg dry	87.5	175	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/26/2021 00:38	KH
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/kg dry	87.5	175	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/26/2021 00:38	KH
101-55-3	4-Bromophenyl phenyl ether	ND		ug/kg dry	43.9	87.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/26/2021 00:38	KH
59-50-7	4-Chloro-3-methylphenol	ND		ug/kg dry	43.9	87.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/26/2021 00:38	KH
106-47-8	4-Chloroaniline	ND		ug/kg dry	43.9	87.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/26/2021 00:38	KH
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/kg dry	43.9	87.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/26/2021 00:38	KH
100-01-6	4-Nitroaniline	ND		ug/kg dry	87.5	175	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/26/2021 00:38	KH
100-02-7	4-Nitrophenol	ND		ug/kg dry	87.5	175	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/26/2021 00:38	KH
83-32-9	Acenaphthene	ND		ug/kg dry	43.9	87.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/26/2021 00:38	KH
208-96-8	Acenaphthylene	ND		ug/kg dry	43.9	87.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/26/2021 00:38	KH
98-86-2	Acetophenone	ND		ug/kg dry	43.9	87.5	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/26/2021 00:38	KH
120-12-7	Anthracene	ND		ug/kg dry	43.9	87.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/26/2021 00:38	KH
1912-24-9	Atrazine	ND		ug/kg dry	43.9	87.5	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/26/2021 00:38	KH
100-52-7	Benzaldehyde	ND		ug/kg dry	43.9	87.5	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/26/2021 00:38	KH



Sample Information

Client Sample ID: Comp 19 20210519

York Sample ID: 21E0875-45

York Project (SDG) No.
21E0875

Client Project ID
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Matrix
Soil

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May 19, 2021 12:15 pm

Date Received
05/20/2021

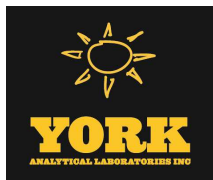
Semi-Volatiles, NYSDEC Part 375

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3546 SVOA

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
56-55-3	Benzo(a)anthracene	81.2	J	ug/kg dry	43.9	87.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/26/2021 00:38	KH
50-32-8	Benzo(a)pyrene	60.9	J	ug/kg dry	43.9	87.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/26/2021 00:38	KH
205-99-2	Benzo(b)fluoranthene	58.1	J	ug/kg dry	43.9	87.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/26/2021 00:38	KH
191-24-2	Benzo(g,h,i)perylene	48.3	J	ug/kg dry	43.9	87.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/26/2021 00:38	KH
207-08-9	Benzo(k)fluoranthene	64.4	J	ug/kg dry	43.9	87.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/26/2021 00:38	KH
85-68-7	Benzyl butyl phthalate	ND		ug/kg dry	43.9	87.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/26/2021 00:38	KH
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/kg dry	43.9	87.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/26/2021 00:38	KH
111-44-4	Bis(2-chloroethyl)ether	ND		ug/kg dry	43.9	87.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/26/2021 00:38	KH
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/kg dry	43.9	87.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/26/2021 00:38	KH
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/kg dry	43.9	87.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/26/2021 00:38	KH
105-60-2	Caprolactam	ND		ug/kg dry	87.5	175	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/26/2021 00:38	KH
86-74-8	Carbazole	ND		ug/kg dry	43.9	87.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/26/2021 00:38	KH
218-01-9	Chrysene	83.3	J	ug/kg dry	43.9	87.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/26/2021 00:38	KH
53-70-3	Dibenzo(a,h)anthracene	ND		ug/kg dry	43.9	87.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/26/2021 00:38	KH
132-64-9	Dibenzofuran	ND		ug/kg dry	43.9	87.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/26/2021 00:38	KH
84-66-2	Diethyl phthalate	ND		ug/kg dry	43.9	87.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/26/2021 00:38	KH
131-11-3	Dimethyl phthalate	ND		ug/kg dry	43.9	87.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/26/2021 00:38	KH
84-74-2	Di-n-butyl phthalate	ND		ug/kg dry	43.9	87.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/26/2021 00:38	KH
117-84-0	Di-n-octyl phthalate	ND		ug/kg dry	43.9	87.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/26/2021 00:38	KH
206-44-0	Fluoranthene	125		ug/kg dry	43.9	87.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/26/2021 00:38	KH
86-73-7	Fluorene	ND		ug/kg dry	43.9	87.5	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/26/2021 00:38	KH
118-74-1	Hexachlorobenzene	ND		ug/kg dry	43.9	87.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/26/2021 00:38	KH
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	43.9	87.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/26/2021 00:38	KH



Sample Information

Client Sample ID: Comp 19 20210519

York Sample ID: 21E0875-45

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Matrix
Soil

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May 19, 2021 12:15 pm

Date Received
05/20/2021

Semi-Volatiles, NYSDEC Part 375

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3546 SVOA

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
77-47-4	Hexachlorocyclopentadiene	ND		ug/kg dry	43.9	87.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/26/2021 00:38	KH
67-72-1	Hexachloroethane	ND		ug/kg dry	43.9	87.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/26/2021 00:38	KH
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/kg dry	43.9	87.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/26/2021 00:38	KH
78-59-1	Isophorone	ND		ug/kg dry	43.9	87.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/26/2021 00:38	KH
91-20-3	Naphthalene	ND		ug/kg dry	43.9	87.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/26/2021 00:38	KH
98-95-3	Nitrobenzene	ND		ug/kg dry	43.9	87.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/26/2021 00:38	KH
621-64-7	N-nitroso-di-n-propylamine	ND		ug/kg dry	43.9	87.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/26/2021 00:38	KH
86-30-6	N-Nitrosodiphenylamine	ND		ug/kg dry	43.9	87.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/26/2021 00:38	KH
87-86-5	Pentachlorophenol	ND		ug/kg dry	43.9	87.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/26/2021 00:38	KH
85-01-8	Phenanthrene	60.9	J	ug/kg dry	43.9	87.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/26/2021 00:38	KH
108-95-2	Phenol	ND		ug/kg dry	43.9	87.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/26/2021 00:38	KH
129-00-0	Pyrene	130		ug/kg dry	43.9	87.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/26/2021 00:38	KH
Surrogate Recoveries		Result		Acceptance Range							
367-12-4	Surrogate: SURR: 2-Fluorophenol	43.6 %									
4165-62-2	Surrogate: SURR: Phenol-d5	43.2 %									
4165-60-0	Surrogate: SURR: Nitrobenzene-d5	54.2 %									
321-60-8	Surrogate: SURR: 2-Fluorobiphenyl	38.8 %									
118-79-6	Surrogate: SURR: 2,4,6-Tribromophenol	41.4 %									
1718-51-0	Surrogate: SURR: Terphenyl-d14	57.6 %									

Semi-Volatiles, 1,4-Dioxane 8270 SIM-Soil

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
123-91-1	1,4-Dioxane	ND		ug/kg	9.52	1	EPA 8270D SIM Certifications: NELAC-NY10854	05/24/2021 08:22	05/25/2021 12:37	KH
Surrogate Recoveries		Result		Acceptance Range						
17647-74-4	Surrogate: 1,4-Dioxane-d8	56.0 %								

Pesticides, NYSDEC Part 375 Target List

Log-in Notes:

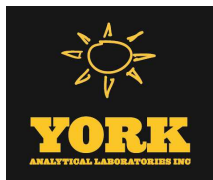
Sample Notes:

120 RESEARCH DRIVE
www.YORKLAB.com

STRATFORD, CT 06615
(203) 325-1371

132-02 89th AVENUE
FAX (203) 357-0166

RICHMOND HILL, NY 11418
ClientServices@



Sample Information

Client Sample ID: Comp 19 20210519

York Sample ID: 21E0875-45

York Project (SDG) No.
21E0875

Client Project ID
560909-Onekey

Matrix
Soil

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May 19, 2021 12:15 pm

Date Received
05/20/2021

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		ug/kg dry	1.70	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/21/2021 14:08	05/26/2021 13:26	CM
72-55-9	4,4'-DDE	ND		ug/kg dry	1.70	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/21/2021 14:08	05/26/2021 13:26	CM
50-29-3	4,4'-DDT	ND		ug/kg dry	1.70	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/21/2021 14:08	05/26/2021 13:26	CM
309-00-2	Aldrin	ND		ug/kg dry	1.70	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/21/2021 14:08	05/26/2021 13:26	CM
319-84-6	alpha-BHC	ND		ug/kg dry	1.70	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/21/2021 14:08	05/26/2021 13:26	CM
5103-71-9	alpha-Chlordane	ND		ug/kg dry	1.70	5	EPA 8081B Certifications: NELAC-NY10854,NJDEP	05/21/2021 14:08	05/26/2021 13:26	CM
319-85-7	beta-BHC	ND		ug/kg dry	1.70	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/21/2021 14:08	05/26/2021 13:26	CM
319-86-8	delta-BHC	ND		ug/kg dry	1.70	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/21/2021 14:08	05/26/2021 13:26	CM
60-57-1	Dieldrin	ND		ug/kg dry	1.70	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/21/2021 14:08	05/26/2021 13:26	CM
959-98-8	Endosulfan I	ND		ug/kg dry	1.70	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/21/2021 14:08	05/26/2021 13:26	CM
33213-65-9	Endosulfan II	ND		ug/kg dry	1.70	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854	05/21/2021 14:08	05/26/2021 13:26	CM
1031-07-8	Endosulfan sulfate	ND		ug/kg dry	1.70	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/21/2021 14:08	05/26/2021 13:26	CM
72-20-8	Endrin	ND		ug/kg dry	1.70	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/21/2021 14:08	05/26/2021 13:26	CM
58-89-9	gamma-BHC (Lindane)	ND		ug/kg dry	1.70	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/21/2021 14:08	05/26/2021 13:26	CM
76-44-8	Heptachlor	ND		ug/kg dry	1.70	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/21/2021 14:08	05/26/2021 13:26	CM
Surrogate Recoveries		Result	Acceptance Range							
2051-24-3	Surrogate: Decachlorobiphenyl	81.8 %	30-150							
877-09-8	Surrogate: Tetrachloro-m-xylene	47.9 %	30-150							

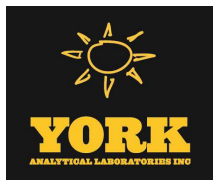
Polychlorinated Biphenyls (PCB)

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
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0172	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	05/21/2021 14:08	05/25/2021 01:11	BJ
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0172	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	05/21/2021 14:08	05/25/2021 01:11	BJ
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0172	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	05/21/2021 14:08	05/25/2021 01:11	BJ
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0172	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	05/21/2021 14:08	05/25/2021 01:11	BJ



Sample Information

Client Sample ID: Comp 19 20210519

York Sample ID: 21E0875-45

York Project (SDG) No.
21E0875

Client Project ID
560909-Onekey

Matrix
Soil

Collection Date/Time
May 19, 2021 12:15 pm

Date Received
05/20/2021

Polychlorinated Biphenyls (PCB)

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
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0172	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	05/21/2021 14:08	05/25/2021 01:11	BJ
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0172	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	05/21/2021 14:08	05/25/2021 01:11	BJ
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0172	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	05/21/2021 14:08	05/25/2021 01:11	BJ
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0172	1	EPA 8082A Certifications:	05/21/2021 14:08	05/25/2021 01:11	BJ
Surrogate Recoveries		Result		Acceptance Range						
877-09-8	Surrogate: Tetrachloro-m-xylene	81.5 %		30-120						
2051-24-3	Surrogate: Decachlorobiphenyl	50.5 %		30-120						

Herbicides, NYSDEC Part 375 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C/8151A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
93-72-1	2,4,5-TP (Silvex)	ND		ug/kg dry	20.9	1	EPA 8151A Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/25/2021 07:44	05/25/2021 17:00	BJ
Surrogate Recoveries		Result		Acceptance Range						
19719-28-9	Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)	70.4 %		21-150						

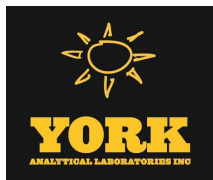
Metals, NYSDEC Part 375

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	5.45		mg/kg dry	1.58	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/27/2021 15:30	05/28/2021 17:13	EM
7440-39-3	Barium	76.2		mg/kg dry	2.64	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/27/2021 15:30	05/28/2021 17:13	EM
7440-41-7	Beryllium	0.081		mg/kg dry	0.053	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/27/2021 15:30	05/28/2021 17:13	EM
7440-43-9	Cadmium	ND		mg/kg dry	0.317	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/27/2021 15:30	05/28/2021 17:13	EM
7440-47-3	Chromium	18.1		mg/kg dry	0.528	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/27/2021 15:30	05/28/2021 17:13	EM
7440-50-8	Copper	34.5		mg/kg dry	2.11	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/27/2021 15:30	05/28/2021 17:13	EM
7439-92-1	Lead	35.1		mg/kg dry	0.528	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/27/2021 15:30	05/28/2021 17:13	EM
7439-96-5	Manganese	671		mg/kg dry	0.528	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/27/2021 15:30	05/28/2021 17:13	EM



Sample Information

Client Sample ID: Comp 19 20210519

York Sample ID: 21E0875-45

York Project (SDG) No.
21E0875

Client Project ID
560909-Onekey

Matrix
Soil

Collection Date/Time
May 19, 2021 12:15 pm

Date Received
05/20/2021

Metals, NYSDEC Part 375

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
7440-02-0	Nickel	24.0		mg/kg dry	1.06	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/27/2021 15:30	05/28/2021 17:13	EM
7782-49-2	Selenium	ND		mg/kg dry	2.64	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/27/2021 15:30	05/28/2021 17:13	EM
7440-22-4	Silver	ND		mg/kg dry	0.528	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/27/2021 15:30	05/28/2021 17:13	EM
7440-66-6	Zinc	75.7		mg/kg dry	2.64	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/27/2021 15:30	05/28/2021 17:13	EM

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	0.0612		mg/kg dry	0.0317	1	EPA 7473 Certifications: CTDOH,NJDEP,NELAC-NY10854,PADEP	05/27/2021 17:24	05/27/2021 21:39	AD

Chromium, Hexavalent

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND		mg/kg dry	0.528	1	EPA 7196A Certifications: NJDEP,CTDOH,NELAC-NY10854,PADEP	05/21/2021 14:10	05/21/2021 19:59	ZTS

Chromium, Trivalent

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
16065-83-1	* Chromium, Trivalent	18.1		mg/kg	0.500	1	Calculation Certifications:	05/27/2021 11:07	05/28/2021 16:37	PAM

Cyanide, Total

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation Soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-12-5	Cyanide, total	ND		mg/kg dry	0.528	1	EPA 9014/9010C Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	05/24/2021 08:10	05/24/2021 13:13	JAG

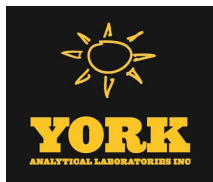
Total Solids

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	94.7		%	0.100	1	SM 2540G Certifications: CTDOH	05/21/2021 08:16	05/21/2021 13:57	SK



Sample Information

Client Sample ID: Comp 19 20210519

York Sample ID: 21E0875-45

<u>York Project (SDG) No.</u>	<u>Client Project ID</u>	<u>Matrix</u>	<u>Collection Date/Time</u>	<u>Date Received</u>
21E0875	560909-Onekey	Soil	May 19, 2021 12:15 pm	05/20/2021

Sample Information

Client Sample ID: Comp 20 20210519

York Sample ID: 21E0875-46

<u>York Project (SDG) No.</u>	<u>Client Project ID</u>	<u>Matrix</u>	<u>Collection Date/Time</u>	<u>Date Received</u>
21E0875	560909-Onekey	Soil	May 19, 2021 12:30 pm	05/20/2021

Semi-Volatiles, NYSDEC Part 375

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3546 SVOA

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		ug/kg dry	43.5	86.7	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/26/2021 01:10	KH
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		ug/kg dry	86.7	173	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/26/2021 01:10	KH
58-90-2	2,3,4,6-Tetrachlorophenol	ND		ug/kg dry	86.7	173	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/26/2021 01:10	KH
95-95-4	2,4,5-Trichlorophenol	ND		ug/kg dry	43.5	86.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/26/2021 01:10	KH
88-06-2	2,4,6-Trichlorophenol	ND		ug/kg dry	43.5	86.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/26/2021 01:10	KH
120-83-2	2,4-Dichlorophenol	ND		ug/kg dry	43.5	86.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/26/2021 01:10	KH
105-67-9	2,4-Dimethylphenol	ND		ug/kg dry	43.5	86.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/26/2021 01:10	KH
51-28-5	2,4-Dinitrophenol	ND		ug/kg dry	86.7	173	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/26/2021 01:10	KH
121-14-2	2,4-Dinitrotoluene	ND		ug/kg dry	43.5	86.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/26/2021 01:10	KH
606-20-2	2,6-Dinitrotoluene	ND		ug/kg dry	43.5	86.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/26/2021 01:10	KH
91-58-7	2-Chloronaphthalene	ND		ug/kg dry	43.5	86.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/26/2021 01:10	KH
95-57-8	2-Chlorophenol	ND		ug/kg dry	43.5	86.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/26/2021 01:10	KH
91-57-6	2-Methylnaphthalene	ND		ug/kg dry	43.5	86.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/26/2021 01:10	KH
95-48-7	2-Methylphenol	ND		ug/kg dry	43.5	86.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/26/2021 01:10	KH
88-74-4	2-Nitroaniline	ND		ug/kg dry	86.7	173	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/26/2021 01:10	KH
88-75-5	2-Nitrophenol	ND		ug/kg dry	43.5	86.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/26/2021 01:10	KH
65794-96-9	3- & 4-Methylphenols	ND		ug/kg dry	43.5	86.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/26/2021 01:10	KH
91-94-1	3,3-Dichlorobenzidine	ND		ug/kg dry	43.5	86.7	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/26/2021 01:10	KH



Sample Information

Client Sample ID: Comp 20 20210519

York Sample ID: 21E0875-46

York Project (SDG) No.
21E0875

Client Project ID
560909-Onekey

Matrix
Soil

Collection Date/Time
May 19, 2021 12:30 pm

Date Received
05/20/2021

Semi-Volatiles, NYSDEC Part 375

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3546 SVOA

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
99-09-2	3-Nitroaniline	ND		ug/kg dry	86.7	173	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/26/2021 01:10	KH
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/kg dry	86.7	173	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/26/2021 01:10	KH
101-55-3	4-Bromophenyl phenyl ether	ND		ug/kg dry	43.5	86.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/26/2021 01:10	KH
59-50-7	4-Chloro-3-methylphenol	ND		ug/kg dry	43.5	86.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/26/2021 01:10	KH
106-47-8	4-Chloroaniline	ND		ug/kg dry	43.5	86.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/26/2021 01:10	KH
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/kg dry	43.5	86.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/26/2021 01:10	KH
100-01-6	4-Nitroaniline	ND		ug/kg dry	86.7	173	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/26/2021 01:10	KH
100-02-7	4-Nitrophenol	ND		ug/kg dry	86.7	173	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/26/2021 01:10	KH
83-32-9	Acenaphthene	ND		ug/kg dry	43.5	86.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/26/2021 01:10	KH
208-96-8	Acenaphthylene	ND		ug/kg dry	43.5	86.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/26/2021 01:10	KH
98-86-2	Acetophenone	ND		ug/kg dry	43.5	86.7	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/26/2021 01:10	KH
120-12-7	Anthracene	ND		ug/kg dry	43.5	86.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/26/2021 01:10	KH
1912-24-9	Atrazine	ND		ug/kg dry	43.5	86.7	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/26/2021 01:10	KH
100-52-7	Benzaldehyde	ND		ug/kg dry	43.5	86.7	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/26/2021 01:10	KH
56-55-3	Benzo(a)anthracene	70.0	J	ug/kg dry	43.5	86.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/26/2021 01:10	KH
50-32-8	Benzo(a)pyrene	52.7	J	ug/kg dry	43.5	86.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/26/2021 01:10	KH
205-99-2	Benzo(b)fluoranthene	49.2	J	ug/kg dry	43.5	86.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/26/2021 01:10	KH
191-24-2	Benzo(g,h,i)perylene	44.4	J	ug/kg dry	43.5	86.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/26/2021 01:10	KH
207-08-9	Benzo(k)fluoranthene	58.2	J	ug/kg dry	43.5	86.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/26/2021 01:10	KH
85-68-7	Benzyl butyl phthalate	ND		ug/kg dry	43.5	86.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/26/2021 01:10	KH
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/kg dry	43.5	86.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/26/2021 01:10	KH
111-44-4	Bis(2-chloroethyl)ether	ND		ug/kg dry	43.5	86.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/26/2021 01:10	KH
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/kg dry	43.5	86.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/26/2021 01:10	KH



Sample Information

Client Sample ID: Comp 20 20210519

York Sample ID: 21E0875-46

York Project (SDG) No.
21E0875

Client Project ID
560909-Onekey

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Soil

Collection Date/Time
May 19, 2021 12:30 pm

Date Received
05/20/2021

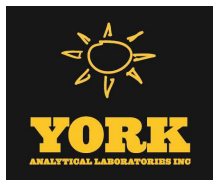
Semi-Volatiles, NYSDEC Part 375

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3546 SVOA

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/kg dry	43.5	86.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/26/2021 01:10	KH
105-60-2	Caprolactam	ND		ug/kg dry	86.7	173	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/26/2021 01:10	KH
86-74-8	Carbazole	ND		ug/kg dry	43.5	86.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/26/2021 01:10	KH
218-01-9	Chrysene	77.0	J	ug/kg dry	43.5	86.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/26/2021 01:10	KH
53-70-3	Dibenzo(a,h)anthracene	ND		ug/kg dry	43.5	86.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/26/2021 01:10	KH
132-64-9	Dibenzofuran	ND		ug/kg dry	43.5	86.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/26/2021 01:10	KH
84-66-2	Diethyl phthalate	ND		ug/kg dry	43.5	86.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/26/2021 01:10	KH
131-11-3	Dimethyl phthalate	ND		ug/kg dry	43.5	86.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/26/2021 01:10	KH
84-74-2	Di-n-butyl phthalate	ND		ug/kg dry	43.5	86.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/26/2021 01:10	KH
117-84-0	Di-n-octyl phthalate	ND		ug/kg dry	43.5	86.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/26/2021 01:10	KH
206-44-0	Fluoranthene	105		ug/kg dry	43.5	86.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/26/2021 01:10	KH
86-73-7	Fluorene	ND		ug/kg dry	43.5	86.7	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/26/2021 01:10	KH
118-74-1	Hexachlorobenzene	ND		ug/kg dry	43.5	86.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/26/2021 01:10	KH
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	43.5	86.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/26/2021 01:10	KH
77-47-4	Hexachlorocyclopentadiene	ND		ug/kg dry	43.5	86.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/26/2021 01:10	KH
67-72-1	Hexachloroethane	ND		ug/kg dry	43.5	86.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/26/2021 01:10	KH
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/kg dry	43.5	86.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/26/2021 01:10	KH
78-59-1	Isophorone	ND		ug/kg dry	43.5	86.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/26/2021 01:10	KH
91-20-3	Naphthalene	ND		ug/kg dry	43.5	86.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/26/2021 01:10	KH
98-95-3	Nitrobenzene	ND		ug/kg dry	43.5	86.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/26/2021 01:10	KH
621-64-7	N-nitroso-di-n-propylamine	ND		ug/kg dry	43.5	86.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/26/2021 01:10	KH
86-30-6	N-Nitrosodiphenylamine	ND		ug/kg dry	43.5	86.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/26/2021 01:10	KH
87-86-5	Pentachlorophenol	ND		ug/kg dry	43.5	86.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/26/2021 01:10	KH



Sample Information

Client Sample ID: Comp 20 20210519

York Sample ID: 21E0875-46

York Project (SDG) No.
21E0875

Client Project ID
560909-Onekey

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Soil

Collection Date/Time
May 19, 2021 12:30 pm

Date Received
05/20/2021

Semi-Volatiles, NYSDEC Part 375

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3546 SVOA

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
85-01-8	Phenanthrene	51.3	J	ug/kg dry	43.5	86.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/26/2021 01:10	KH
108-95-2	Phenol	ND		ug/kg dry	43.5	86.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/26/2021 01:10	KH
129-00-0	Pyrene	119		ug/kg dry	43.5	86.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/24/2021 13:38	05/26/2021 01:10	KH
Surrogate Recoveries		Result	Acceptance Range								
367-12-4	Surrogate: SURR: 2-Fluorophenol	49.1 %	30-130								
4165-62-2	Surrogate: SURR: Phenol-d5	46.5 %	30-130								
4165-60-0	Surrogate: SURR: Nitrobenzene-d5	56.3 %	30-130								
321-60-8	Surrogate: SURR: 2-Fluorobiphenyl	44.7 %	30-130								
118-79-6	Surrogate: SURR: 2,4,6-Tribromophenol	48.8 %	30-130								
1718-51-0	Surrogate: SURR: Terphenyl-d14	67.6 %	30-130								

Semi-Volatiles, 1,4-Dioxane 8270 SIM-Soil

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
123-91-1	1,4-Dioxane	ND		ug/kg	9.52	1	EPA 8270D SIM Certifications: NELAC-NY10854	05/24/2021 08:22	05/25/2021 12:54	KH
Surrogate Recoveries		Result	Acceptance Range							
17647-74-4	Surrogate: 1,4-Dioxane-d8	60.0 %	39-127.5							

Pesticides, NYSDEC Part 375 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		ug/kg dry	1.68	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/21/2021 14:08	05/26/2021 13:42	CM
72-55-9	4,4'-DDE	ND		ug/kg dry	1.68	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/21/2021 14:08	05/26/2021 13:42	CM
50-29-3	4,4'-DDT	ND		ug/kg dry	1.68	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/21/2021 14:08	05/26/2021 13:42	CM
309-00-2	Aldrin	ND		ug/kg dry	1.68	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/21/2021 14:08	05/26/2021 13:42	CM
319-84-6	alpha-BHC	ND		ug/kg dry	1.68	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/21/2021 14:08	05/26/2021 13:42	CM
5103-71-9	alpha-Chlordane	ND		ug/kg dry	1.68	5	EPA 8081B Certifications: NELAC-NY10854,NJDEP	05/21/2021 14:08	05/26/2021 13:42	CM
319-85-7	beta-BHC	ND		ug/kg dry	1.68	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/21/2021 14:08	05/26/2021 13:42	CM



Sample Information

Client Sample ID: Comp 20 20210519

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York Project (SDG) No.
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May 19, 2021 12:30 pm

Date Received
05/20/2021

Pesticides, NYSDEC Part 375 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
319-86-8	delta-BHC	ND		ug/kg dry	1.68	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/21/2021 14:08	05/26/2021 13:42	CM
60-57-1	Dieldrin	ND		ug/kg dry	1.68	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/21/2021 14:08	05/26/2021 13:42	CM
959-98-8	Endosulfan I	ND		ug/kg dry	1.68	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/21/2021 14:08	05/26/2021 13:42	CM
33213-65-9	Endosulfan II	ND		ug/kg dry	1.68	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854	05/21/2021 14:08	05/26/2021 13:42	CM
1031-07-8	Endosulfan sulfate	ND		ug/kg dry	1.68	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/21/2021 14:08	05/26/2021 13:42	CM
72-20-8	Endrin	ND		ug/kg dry	1.68	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/21/2021 14:08	05/26/2021 13:42	CM
58-89-9	gamma-BHC (Lindane)	ND		ug/kg dry	1.68	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/21/2021 14:08	05/26/2021 13:42	CM
76-44-8	Heptachlor	ND		ug/kg dry	1.68	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/21/2021 14:08	05/26/2021 13:42	CM
Surrogate Recoveries		Result		Acceptance Range						
2051-24-3	Surrogate: Decachlorobiphenyl	83.6 %								
877-09-8	Surrogate: Tetrachloro-m-xylene	53.2 %								

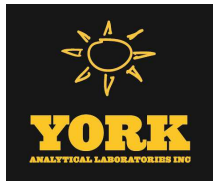
Polychlorinated Biphenyls (PCB)

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
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0170	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	05/21/2021 14:08	05/25/2021 01:24	BJ
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0170	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	05/21/2021 14:08	05/25/2021 01:24	BJ
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0170	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	05/21/2021 14:08	05/25/2021 01:24	BJ
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0170	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	05/21/2021 14:08	05/25/2021 01:24	BJ
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0170	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	05/21/2021 14:08	05/25/2021 01:24	BJ
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0170	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	05/21/2021 14:08	05/25/2021 01:24	BJ
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0170	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	05/21/2021 14:08	05/25/2021 01:24	BJ
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0170	1	EPA 8082A Certifications:	05/21/2021 14:08	05/25/2021 01:24	BJ
Surrogate Recoveries		Result		Acceptance Range						
877-09-8	Surrogate: Tetrachloro-m-xylene	80.5 %								
2051-24-3	Surrogate: Decachlorobiphenyl	54.5 %								



Sample Information

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York Project (SDG) No.

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Client Project ID

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Date Received

05/20/2021

Herbicides, NYSDEC Part 375 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C/8151A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
93-72-1	2,4,5-TP (Silvex)	ND		ug/kg dry	20.7	1	EPA 8151A Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/25/2021 07:44	05/25/2021 17:11	BJ
Surrogate Recoveries		Result		Acceptance Range						
19719-28-9	Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)	75.6 %		21-150						

Metals, NYSDEC Part 375

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	5.92		mg/kg dry	1.57	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/27/2021 15:30	05/28/2021 17:18	EM
7440-39-3	Barium	75.1		mg/kg dry	2.61	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/27/2021 15:30	05/28/2021 17:18	EM
7440-41-7	Beryllium	ND		mg/kg dry	0.052	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/27/2021 15:30	05/28/2021 17:18	EM
7440-43-9	Cadmium	ND		mg/kg dry	0.313	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/27/2021 15:30	05/28/2021 17:18	EM
7440-47-3	Chromium	15.7		mg/kg dry	0.522	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/27/2021 15:30	05/28/2021 17:18	EM
7440-50-8	Copper	37.4		mg/kg dry	2.09	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/27/2021 15:30	05/28/2021 17:18	EM
7439-92-1	Lead	37.3		mg/kg dry	0.522	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/27/2021 15:30	05/28/2021 17:18	EM
7439-96-5	Manganese	718		mg/kg dry	0.522	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/27/2021 15:30	05/28/2021 17:18	EM
7440-02-0	Nickel	21.3		mg/kg dry	1.04	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/27/2021 15:30	05/28/2021 17:18	EM
7782-49-2	Selenium	ND		mg/kg dry	2.61	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/27/2021 15:30	05/28/2021 17:18	EM
7440-22-4	Silver	ND		mg/kg dry	0.522	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/27/2021 15:30	05/28/2021 17:18	EM
7440-66-6	Zinc	69.4		mg/kg dry	2.61	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/27/2021 15:30	05/28/2021 17:18	EM

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	0.0668		mg/kg dry	0.0313	1	EPA 7473 Certifications: CTDOH,NJDEP,NELAC-NY10854,PADEP	05/27/2021 17:24	05/27/2021 21:49	AD



Sample Information

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May 19, 2021 12:30 pm

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Chromium, Hexavalent

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND		mg/kg dry	0.522	1	EPA 7196A Certifications: NJDEP,CTDOH,NELAC-NY10854,PADEP	05/21/2021 14:10	05/21/2021 19:59	ZTS

Chromium, Trivalent

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
16065-83-1	* Chromium, Trivalent	15.7		mg/kg	0.500	1	Calculation Certifications:	05/27/2021 11:07	05/28/2021 16:37	PAM

Cyanide, Total

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation Soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-12-5	Cyanide, total	ND		mg/kg dry	0.522	1	EPA 9014/9010C Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	05/24/2021 08:10	05/24/2021 13:13	JAG

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	95.8		%	0.100	1	SM 2540G Certifications: CTDOH	05/21/2021 08:16	05/21/2021 13:57	SK

Sample Information

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Semi-Volatiles, NYSDEC Part 375

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3546 SVOA

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		ug/kg dry	43.3	86.4	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	05/26/2021 08:04	05/26/2021 19:41	KH
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		ug/kg dry	86.4	173	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	05/26/2021 08:04	05/26/2021 19:41	KH
58-90-2	2,3,4,6-Tetrachlorophenol	ND		ug/kg dry	86.4	173	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	05/26/2021 08:04	05/26/2021 19:41	KH



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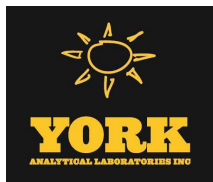
Semi-Volatiles, NYSDEC Part 375

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3546 SVOA

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
95-95-4	2,4,5-Trichlorophenol	ND		ug/kg dry	43.3	86.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/26/2021 08:04	05/26/2021 19:41	KH
88-06-2	2,4,6-Trichlorophenol	ND		ug/kg dry	43.3	86.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/26/2021 08:04	05/26/2021 19:41	KH
120-83-2	2,4-Dichlorophenol	ND		ug/kg dry	43.3	86.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/26/2021 08:04	05/26/2021 19:41	KH
105-67-9	2,4-Dimethylphenol	ND		ug/kg dry	43.3	86.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/26/2021 08:04	05/26/2021 19:41	KH
51-28-5	2,4-Dinitrophenol	ND		ug/kg dry	86.4	173	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/26/2021 08:04	05/26/2021 19:41	KH
121-14-2	2,4-Dinitrotoluene	ND		ug/kg dry	43.3	86.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/26/2021 08:04	05/26/2021 19:41	KH
606-20-2	2,6-Dinitrotoluene	ND		ug/kg dry	43.3	86.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/26/2021 08:04	05/26/2021 19:41	KH
91-58-7	2-Chloronaphthalene	ND		ug/kg dry	43.3	86.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/26/2021 08:04	05/26/2021 19:41	KH
95-57-8	2-Chlorophenol	ND		ug/kg dry	43.3	86.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/26/2021 08:04	05/26/2021 19:41	KH
91-57-6	2-Methylnaphthalene	ND		ug/kg dry	43.3	86.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/26/2021 08:04	05/26/2021 19:41	KH
95-48-7	2-Methylphenol	ND		ug/kg dry	43.3	86.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/26/2021 08:04	05/26/2021 19:41	KH
88-74-4	2-Nitroaniline	ND		ug/kg dry	86.4	173	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/26/2021 08:04	05/26/2021 19:41	KH
88-75-5	2-Nitrophenol	ND		ug/kg dry	43.3	86.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/26/2021 08:04	05/26/2021 19:41	KH
65794-96-9	3- & 4-Methylphenols	ND		ug/kg dry	43.3	86.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/26/2021 08:04	05/26/2021 19:41	KH
91-94-1	3,3-Dichlorobenzidine	ND		ug/kg dry	43.3	86.4	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	05/26/2021 08:04	05/26/2021 19:41	KH
99-09-2	3-Nitroaniline	ND		ug/kg dry	86.4	173	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/26/2021 08:04	05/26/2021 19:41	KH
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/kg dry	86.4	173	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/26/2021 08:04	05/26/2021 19:41	KH
101-55-3	4-Bromophenyl phenyl ether	ND		ug/kg dry	43.3	86.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/26/2021 08:04	05/26/2021 19:41	KH
59-50-7	4-Chloro-3-methylphenol	ND		ug/kg dry	43.3	86.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/26/2021 08:04	05/26/2021 19:41	KH
106-47-8	4-Chloroaniline	ND		ug/kg dry	43.3	86.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/26/2021 08:04	05/26/2021 19:41	KH
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/kg dry	43.3	86.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/26/2021 08:04	05/26/2021 19:41	KH
100-01-6	4-Nitroaniline	ND		ug/kg dry	86.4	173	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/26/2021 08:04	05/26/2021 19:41	KH
100-02-7	4-Nitrophenol	ND		ug/kg dry	86.4	173	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/26/2021 08:04	05/26/2021 19:41	KH



Sample Information

Client Sample ID: Comp 21 20210519

York Sample ID: 21E0875-47

York Project (SDG) No.

21E0875

Client Project ID

560909-Onekey

Matrix

Soil

Collection Date/Time

May 19, 2021 12:30 pm

Date Received

05/20/2021

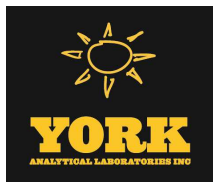
Semi-Volatiles, NYSDEC Part 375

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3546 SVOA

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
83-32-9	Acenaphthene	ND		ug/kg dry	43.3	86.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/26/2021 08:04	05/26/2021 19:41	KH
208-96-8	Acenaphthylene	ND		ug/kg dry	43.3	86.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/26/2021 08:04	05/26/2021 19:41	KH
98-86-2	Acetophenone	ND		ug/kg dry	43.3	86.4	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	05/26/2021 08:04	05/26/2021 19:41	KH
120-12-7	Anthracene	ND		ug/kg dry	43.3	86.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/26/2021 08:04	05/26/2021 19:41	KH
1912-24-9	Atrazine	ND		ug/kg dry	43.3	86.4	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	05/26/2021 08:04	05/26/2021 19:41	KH
100-52-7	Benzaldehyde	ND		ug/kg dry	43.3	86.4	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	05/26/2021 08:04	05/26/2021 19:41	KH
56-55-3	Benzo(a)anthracene	66.3	J	ug/kg dry	43.3	86.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/26/2021 08:04	05/26/2021 19:41	KH
50-32-8	Benzo(a)pyrene	76.7	J	ug/kg dry	43.3	86.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/26/2021 08:04	05/26/2021 19:41	KH
205-99-2	Benzo(b)fluoranthene	58.0	J	ug/kg dry	43.3	86.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/26/2021 08:04	05/26/2021 19:41	KH
191-24-2	Benzo(g,h,i)perylene	59.4	J	ug/kg dry	43.3	86.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/26/2021 08:04	05/26/2021 19:41	KH
207-08-9	Benzo(k)fluoranthene	70.4	J	ug/kg dry	43.3	86.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/26/2021 08:04	05/26/2021 19:41	KH
85-68-7	Benzyl butyl phthalate	ND		ug/kg dry	43.3	86.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/26/2021 08:04	05/26/2021 19:41	KH
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/kg dry	43.3	86.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/26/2021 08:04	05/26/2021 19:41	KH
111-44-4	Bis(2-chloroethyl)ether	ND		ug/kg dry	43.3	86.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/26/2021 08:04	05/26/2021 19:41	KH
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/kg dry	43.3	86.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/26/2021 08:04	05/26/2021 19:41	KH
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/kg dry	43.3	86.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/26/2021 08:04	05/26/2021 19:41	KH
105-60-2	Caprolactam	ND		ug/kg dry	86.4	173	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	05/26/2021 08:04	05/26/2021 19:41	KH
86-74-8	Carbazole	ND		ug/kg dry	43.3	86.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/26/2021 08:04	05/26/2021 19:41	KH
218-01-9	Chrysene	71.1	J	ug/kg dry	43.3	86.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/26/2021 08:04	05/26/2021 19:41	KH
53-70-3	Dibenzo(a,h)anthracene	ND		ug/kg dry	43.3	86.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/26/2021 08:04	05/26/2021 19:41	KH
132-64-9	Dibenzofuran	ND		ug/kg dry	43.3	86.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/26/2021 08:04	05/26/2021 19:41	KH
84-66-2	Diethyl phthalate	ND		ug/kg dry	43.3	86.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/26/2021 08:04	05/26/2021 19:41	KH
131-11-3	Dimethyl phthalate	ND		ug/kg dry	43.3	86.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/26/2021 08:04	05/26/2021 19:41	KH



Sample Information

Client Sample ID: Comp 21 20210519

York Sample ID: 21E0875-47

York Project (SDG) No.

21E0875

Client Project ID

560909-Onekey

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Soil

Collection Date/Time

May 19, 2021 12:30 pm

Date Received

05/20/2021

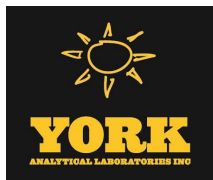
Semi-Volatiles, NYSDEC Part 375

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3546 SVOA

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
84-74-2	Di-n-butyl phthalate	ND		ug/kg dry	43.3	86.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/26/2021 08:04	05/26/2021 19:41	KH
117-84-0	Di-n-octyl phthalate	ND		ug/kg dry	43.3	86.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/26/2021 08:04	05/26/2021 19:41	KH
206-44-0	Fluoranthene	107		ug/kg dry	43.3	86.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/26/2021 08:04	05/26/2021 19:41	KH
86-73-7	Fluorene	ND		ug/kg dry	43.3	86.4	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	05/26/2021 08:04	05/26/2021 19:41	KH
118-74-1	Hexachlorobenzene	ND		ug/kg dry	43.3	86.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/26/2021 08:04	05/26/2021 19:41	KH
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	43.3	86.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/26/2021 08:04	05/26/2021 19:41	KH
77-47-4	Hexachlorocyclopentadiene	ND		ug/kg dry	43.3	86.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/26/2021 08:04	05/26/2021 19:41	KH
67-72-1	Hexachloroethane	ND		ug/kg dry	43.3	86.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/26/2021 08:04	05/26/2021 19:41	KH
193-39-5	Indeno(1,2,3-cd)pyrene	55.9	J	ug/kg dry	43.3	86.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/26/2021 08:04	05/26/2021 19:41	KH
78-59-1	Isophorone	ND		ug/kg dry	43.3	86.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/26/2021 08:04	05/26/2021 19:41	KH
91-20-3	Naphthalene	ND		ug/kg dry	43.3	86.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/26/2021 08:04	05/26/2021 19:41	KH
98-95-3	Nitrobenzene	ND		ug/kg dry	43.3	86.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/26/2021 08:04	05/26/2021 19:41	KH
621-64-7	N-nitroso-di-n-propylamine	ND		ug/kg dry	43.3	86.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/26/2021 08:04	05/26/2021 19:41	KH
86-30-6	N-Nitrosodiphenylamine	ND		ug/kg dry	43.3	86.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/26/2021 08:04	05/26/2021 19:41	KH
87-86-5	Pentachlorophenol	ND		ug/kg dry	43.3	86.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/26/2021 08:04	05/26/2021 19:41	KH
85-01-8	Phenanthrene	51.1	J	ug/kg dry	43.3	86.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/26/2021 08:04	05/26/2021 19:41	KH
108-95-2	Phenol	ND		ug/kg dry	43.3	86.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/26/2021 08:04	05/26/2021 19:41	KH
129-00-0	Pyrene	97.4		ug/kg dry	43.3	86.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/26/2021 08:04	05/26/2021 19:41	KH
Surrogate Recoveries		Result	Acceptance Range								
367-12-4	Surrogate: SURR: 2-Fluorophenol	36.9 %	30-130								
4165-62-2	Surrogate: SURR: Phenol-d5	40.7 %	30-130								
4165-60-0	Surrogate: SURR: Nitrobenzene-d5	39.8 %	30-130								
321-60-8	Surrogate: SURR: 2-Fluorobiphenyl	39.1 %	30-130								
118-79-6	Surrogate: SURR: 2,4,6-Tribromophenol	42.2 %	30-130								
1718-51-0	Surrogate: SURR: Terphenyl-d14	42.5 %	30-130								



Sample Information

Client Sample ID: Comp 21 20210519

York Sample ID: 21E0875-47

York Project (SDG) No.
21E0875

Client Project ID
560909-Onekey

Matrix
Soil

Collection Date/Time
May 19, 2021 12:30 pm

Date Received
05/20/2021

Semi-Volatiles, 1,4-Dioxane 8270 SIM-Soil

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
123-91-1	1,4-Dioxane	ND		ug/kg	9.52	1	EPA 8270D SIM Certifications: NELAC-NY10854	05/24/2021 08:22	05/25/2021 13:11	KH
Surrogate Recoveries		Result		Acceptance Range						
17647-74-4	Surrogate: 1,4-Dioxane-d8	56.0 %		39-127.5						

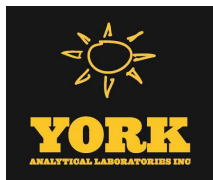
Pesticides, NYSDEC Part 375 Target List

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		ug/kg dry	1.70	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/21/2021 14:08	05/26/2021 13:59	CM
72-55-9	4,4'-DDE	ND		ug/kg dry	1.70	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/21/2021 14:08	05/26/2021 13:59	CM
50-29-3	4,4'-DDT	ND		ug/kg dry	1.70	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/21/2021 14:08	05/26/2021 13:59	CM
309-00-2	Aldrin	ND		ug/kg dry	1.70	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/21/2021 14:08	05/26/2021 13:59	CM
319-84-6	alpha-BHC	ND		ug/kg dry	1.70	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/21/2021 14:08	05/26/2021 13:59	CM
5103-71-9	alpha-Chlordane	ND		ug/kg dry	1.70	5	EPA 8081B Certifications: NELAC-NY10854,NJDEP	05/21/2021 14:08	05/26/2021 13:59	CM
319-85-7	beta-BHC	ND		ug/kg dry	1.70	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/21/2021 14:08	05/26/2021 13:59	CM
319-86-8	delta-BHC	ND		ug/kg dry	1.70	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/21/2021 14:08	05/26/2021 13:59	CM
60-57-1	Dieldrin	ND		ug/kg dry	1.70	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/21/2021 14:08	05/26/2021 13:59	CM
959-98-8	Endosulfan I	ND		ug/kg dry	1.70	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/21/2021 14:08	05/26/2021 13:59	CM
33213-65-9	Endosulfan II	ND		ug/kg dry	1.70	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854	05/21/2021 14:08	05/26/2021 13:59	CM
1031-07-8	Endosulfan sulfate	ND		ug/kg dry	1.70	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/21/2021 14:08	05/26/2021 13:59	CM
72-20-8	Endrin	ND		ug/kg dry	1.70	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/21/2021 14:08	05/26/2021 13:59	CM
58-89-9	gamma-BHC (Lindane)	ND		ug/kg dry	1.70	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/21/2021 14:08	05/26/2021 13:59	CM
76-44-8	Heptachlor	ND		ug/kg dry	1.70	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/21/2021 14:08	05/26/2021 13:59	CM
Surrogate Recoveries		Result		Acceptance Range						
2051-24-3	Surrogate: Decachlorobiphenyl	84.3 %		30-150						
877-09-8	Surrogate: Tetrachloro-m-xylene	51.4 %		30-150						



Sample Information

Client Sample ID: Comp 21 20210519

York Sample ID: 21E0875-47

York Project (SDG) No.
21E0875

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Matrix
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May 19, 2021 12:30 pm

Date Received
05/20/2021

Polychlorinated Biphenyls (PCB)

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
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0172	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	05/21/2021 14:08	05/25/2021 01:38	BJ
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0172	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	05/21/2021 14:08	05/25/2021 01:38	BJ
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0172	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	05/21/2021 14:08	05/25/2021 01:38	BJ
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0172	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	05/21/2021 14:08	05/25/2021 01:38	BJ
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0172	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	05/21/2021 14:08	05/25/2021 01:38	BJ
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0172	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	05/21/2021 14:08	05/25/2021 01:38	BJ
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0172	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	05/21/2021 14:08	05/25/2021 01:38	BJ
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0172	1	EPA 8082A Certifications:	05/21/2021 14:08	05/25/2021 01:38	BJ
Surrogate Recoveries		Result	Acceptance Range							
877-09-8	Surrogate: Tetrachloro-m-xylene	73.0 %	30-120							
2051-24-3	Surrogate: Decachlorobiphenyl	51.5 %	30-120							

Herbicides, NYSDEC Part 375 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C/8151A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
93-72-1	2,4,5-TP (Silvex)	ND		ug/kg dry	20.6	1	EPA 8151A Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/25/2021 07:44	05/25/2021 17:22	BJ
Surrogate Recoveries		Result	Acceptance Range							
19719-28-9	Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)	77.6 %	21-150							

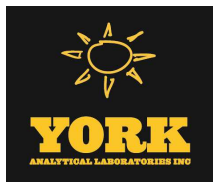
Metals, NYSDEC Part 375

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	5.71		mg/kg dry	1.56	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/27/2021 11:54	05/28/2021 17:59	EM
7440-39-3	Barium	72.5		mg/kg dry	2.61	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/27/2021 11:54	05/28/2021 17:59	EM
7440-41-7	Beryllium	0.249		mg/kg dry	0.052	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/27/2021 11:54	05/28/2021 17:59	EM
7440-43-9	Cadmium	ND		mg/kg dry	0.313	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/27/2021 11:54	05/28/2021 17:59	EM



Sample Information

Client Sample ID: Comp 21 20210519

York Sample ID: 21E0875-47

York Project (SDG) No.

21E0875

Client Project ID

560909-Onekey

Matrix

Soil

Collection Date/Time

May 19, 2021 12:30 pm

Date Received

05/20/2021

Metals, NYSDEC Part 375

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
7440-47-3	Chromium	16.0		mg/kg dry	0.521	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/27/2021 11:54	05/28/2021 17:59	EM
7440-50-8	Copper	35.6		mg/kg dry	2.09	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/27/2021 11:54	05/28/2021 17:59	EM
7439-92-1	Lead	30.1		mg/kg dry	0.521	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/27/2021 11:54	05/28/2021 17:59	EM
7439-96-5	Manganese	603		mg/kg dry	0.521	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/27/2021 11:54	05/28/2021 17:59	EM
7440-02-0	Nickel	21.4		mg/kg dry	1.04	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/27/2021 11:54	05/28/2021 17:59	EM
7782-49-2	Selenium	ND		mg/kg dry	2.61	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/27/2021 11:54	05/28/2021 17:59	EM
7440-22-4	Silver	ND		mg/kg dry	0.521	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/27/2021 11:54	05/28/2021 17:59	EM
7440-66-6	Zinc	67.5		mg/kg dry	2.61	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/27/2021 11:54	05/28/2021 17:59	EM

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	0.0653		mg/kg dry	0.0313	1	EPA 7473 Certifications: CTDOH,NJDEP,NELAC-NY10854,PADEP	05/27/2021 14:05	05/27/2021 20:23	BR

Chromium, Hexavalent

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND		mg/kg dry	0.521	1	EPA 7196A Certifications: NJDEP,CTDOH,NELAC-NY10854,PADEP	05/21/2021 14:10	05/21/2021 19:59	ZTS

Chromium, Trivalent

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
16065-83-1	* Chromium, Trivalent	16.0		mg/kg	0.500	1	Calculation Certifications:	05/27/2021 11:07	05/28/2021 16:37	PAM

Cyanide, Total

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation Soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-12-5	Cyanide, total	ND		mg/kg dry	0.521	1	EPA 9014/9010C Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	05/24/2021 08:10	05/24/2021 13:13	JAG



Sample Information

Client Sample ID: Comp 21 20210519

York Sample ID: 21E0875-47

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

21E0875

560909-Onekey

Soil

May 19, 2021 12:30 pm

05/20/2021

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	95.9		%	0.100	1	SM 2540G	05/21/2021 08:16	05/21/2021 13:57	SK
							Certifications:	CTDOH		



Analytical Batch Summary

Batch ID: BE11094

Preparation Method: EPA SW846-3060

Prepared By: OT

YORK Sample ID	Client Sample ID	Preparation Date
21E0875-27	Comp 1 20210519	05/21/21
21E0875-28	Comp 2 20210519	05/21/21
21E0875-29	Comp 3 20210519	05/21/21
21E0875-30	Comp 4 20210519	05/21/21
21E0875-31	Comp 5 20210519	05/21/21
21E0875-32	Comp 6 20210519	05/21/21
21E0875-33	Comp 7 20210519	05/21/21
21E0875-34	Comp 8 20210519	05/21/21
21E0875-35	Comp 9 20210519	05/21/21
21E0875-36	Comp 10 20210519	05/21/21
21E0875-37	Comp 11 20210519	05/21/21
21E0875-38	Comp 12 20210519	05/21/21
21E0875-39	Comp 13 20210519	05/21/21
21E0875-40	Comp 14 20210519	05/21/21
21E0875-41	Comp 15 20210519	05/21/21
21E0875-42	Comp 16 20210519	05/21/21
BE11094-BLK1	Blank	05/21/21
BE11094-DUP1	Duplicate	05/21/21
BE11094-MS1	Matrix Spike	05/21/21
BE11094-MS2	Matrix Spike	05/21/21
BE11094-SRM1	Reference	05/21/21

Batch ID: BE11102

Preparation Method: % Solids Prep

Prepared By: SK

YORK Sample ID	Client Sample ID	Preparation Date
21E0875-01	Grab 1 20210519	05/21/21
21E0875-02	Grab 2 20210519	05/21/21
21E0875-03	Grab 3 20210519	05/21/21
BE11102-DUP1	Duplicate	05/21/21

Batch ID: BE11103

Preparation Method: % Solids Prep

Prepared By: SK

YORK Sample ID	Client Sample ID	Preparation Date
21E0875-05	Grab 5 20210519	05/21/21
21E0875-06	Grab 6 20210519	05/21/21
21E0875-07	Grab 7 20210519	05/21/21
21E0875-08	Grab 8 20210519	05/21/21
21E0875-09	Grab 9 20210519	05/21/21
21E0875-10	Grab 10 20210519	05/21/21
21E0875-11	Grab 11 20210519	05/21/21
21E0875-12	Grab 12 20210519	05/21/21
21E0875-13	Grab 13 20210519	05/21/21
21E0875-14	Grab 14 20210519	05/21/21
21E0875-15	Grab 15 20210519	05/21/21
21E0875-16	Grab 16 20210519	05/21/21



21E0875-17	Grab 17 20210519	05/21/21
21E0875-18	Grab 18 20210519	05/21/21
21E0875-19	Grab 19 20210519	05/21/21
21E0875-20	Grab 20 20210519	05/21/21
21E0875-21	Grab 21 20210519	05/21/21
21E0875-22	Grab 22 20210519	05/21/21
21E0875-23	Grab 23 20210519	05/21/21
21E0875-24	Grab 24 20210519	05/21/21
BE11103-DUP1	Duplicate	05/21/21

Batch ID: BE11104 **Preparation Method:** % Solids Prep **Prepared By:** SK

YORK Sample ID	Client Sample ID	Preparation Date
21E0875-04	Grab 4 20210519	05/21/21
21E0875-25	Grab 25 20210519	05/21/21
21E0875-26	Grab 26 20210519	05/21/21
21E0875-27	Comp 1 20210519	05/21/21
21E0875-28	Comp 2 20210519	05/21/21
21E0875-29	Comp 3 20210519	05/21/21
21E0875-30	Comp 4 20210519	05/21/21
21E0875-31	Comp 5 20210519	05/21/21
21E0875-32	Comp 6 20210519	05/21/21
21E0875-33	Comp 7 20210519	05/21/21
21E0875-34	Comp 8 20210519	05/21/21
21E0875-35	Comp 9 20210519	05/21/21
21E0875-36	Comp 10 20210519	05/21/21
21E0875-37	Comp 11 20210519	05/21/21
21E0875-38	Comp 12 20210519	05/21/21
21E0875-39	Comp 13 20210519	05/21/21
21E0875-40	Comp 14 20210519	05/21/21
21E0875-41	Comp 15 20210519	05/21/21
21E0875-42	Comp 16 20210519	05/21/21
21E0875-43	Comp 17 20210519	05/21/21
BE11104-DUP1	Duplicate	05/21/21

Batch ID: BE11105 **Preparation Method:** % Solids Prep **Prepared By:** SK

YORK Sample ID	Client Sample ID	Preparation Date
21E0875-44	Comp 18 20210519	05/21/21
21E0875-45	Comp 19 20210519	05/21/21
21E0875-46	Comp 20 20210519	05/21/21
21E0875-47	Comp 21 20210519	05/21/21
BE11105-DUP1	Duplicate	05/21/21

Batch ID: BE11135 **Preparation Method:** Analysis Preparation Soil **Prepared By:** MAO

YORK Sample ID	Client Sample ID	Preparation Date
21E0875-27	Comp 1 20210519	05/21/21
21E0875-28	Comp 2 20210519	05/21/21
21E0875-29	Comp 3 20210519	05/21/21



21E0875-30	Comp 4 20210519	05/21/21
21E0875-31	Comp 5 20210519	05/21/21
21E0875-32	Comp 6 20210519	05/21/21
21E0875-33	Comp 7 20210519	05/21/21
21E0875-34	Comp 8 20210519	05/21/21
21E0875-35	Comp 9 20210519	05/21/21
21E0875-36	Comp 10 20210519	05/21/21
21E0875-37	Comp 11 20210519	05/21/21
21E0875-38	Comp 12 20210519	05/21/21
21E0875-39	Comp 13 20210519	05/21/21
21E0875-40	Comp 14 20210519	05/21/21
21E0875-41	Comp 15 20210519	05/21/21
BE11135-BLK1	Blank	05/21/21
BE11135-DUP1	Duplicate	05/21/21
BE11135-MS1	Matrix Spike	05/21/21
BE11135-SRM1	Reference	05/21/21

Batch ID: BE11138 **Preparation Method:** EPA 3550C **Prepared By:** SAK

YORK Sample ID	Client Sample ID	Preparation Date
21E0875-27	Comp 1 20210519	05/21/21
21E0875-27	Comp 1 20210519	05/21/21
BE11138-BLK1	Blank	05/21/21
BE11138-BLK2	Blank	05/21/21
BE11138-BS1	LCS	05/21/21
BE11138-BS2	LCS	05/21/21
BE11138-MS1	Matrix Spike	05/21/21
BE11138-MSD1	Matrix Spike Dup	05/21/21

Batch ID: BE11140 **Preparation Method:** EPA 3550C **Prepared By:** SAK

YORK Sample ID	Client Sample ID	Preparation Date
21E0875-28	Comp 2 20210519	05/21/21
21E0875-28	Comp 2 20210519	05/21/21
21E0875-29	Comp 3 20210519	05/21/21
21E0875-29	Comp 3 20210519	05/21/21
21E0875-30	Comp 4 20210519	05/21/21
21E0875-30	Comp 4 20210519	05/21/21
21E0875-31	Comp 5 20210519	05/21/21
21E0875-31	Comp 5 20210519	05/21/21
21E0875-32	Comp 6 20210519	05/21/21
21E0875-32	Comp 6 20210519	05/21/21
21E0875-33	Comp 7 20210519	05/21/21
21E0875-33	Comp 7 20210519	05/21/21
21E0875-34	Comp 8 20210519	05/21/21
21E0875-34	Comp 8 20210519	05/21/21
21E0875-35	Comp 9 20210519	05/21/21
21E0875-35	Comp 9 20210519	05/21/21
21E0875-36	Comp 10 20210519	05/21/21
21E0875-36	Comp 10 20210519	05/21/21
21E0875-37	Comp 11 20210519	05/21/21



21E0875-37	Comp 11 20210519	05/21/21
21E0875-38	Comp 12 20210519	05/21/21
21E0875-38	Comp 12 20210519	05/21/21
21E0875-39	Comp 13 20210519	05/21/21
21E0875-39	Comp 13 20210519	05/21/21
21E0875-40	Comp 14 20210519	05/21/21
21E0875-40	Comp 14 20210519	05/21/21
21E0875-41	Comp 15 20210519	05/21/21
21E0875-41	Comp 15 20210519	05/21/21
21E0875-42	Comp 16 20210519	05/21/21
21E0875-42	Comp 16 20210519	05/21/21
21E0875-43	Comp 17 20210519	05/21/21
21E0875-43	Comp 17 20210519	05/21/21
21E0875-44	Comp 18 20210519	05/21/21
21E0875-44	Comp 18 20210519	05/21/21
21E0875-45	Comp 19 20210519	05/21/21
21E0875-45	Comp 19 20210519	05/21/21
21E0875-46	Comp 20 20210519	05/21/21
21E0875-46	Comp 20 20210519	05/21/21
21E0875-47	Comp 21 20210519	05/21/21
21E0875-47	Comp 21 20210519	05/21/21
BE11140-BLK1	Blank	05/21/21
BE11140-BLK2	Blank	05/21/21
BE11140-BS1	LCS	05/21/21
BE11140-BS2	LCS	05/21/21
BE11140-MS1	Matrix Spike	05/21/21
BE11140-MSD1	Matrix Spike Dup	05/21/21

Batch ID: BE11141 **Preparation Method:** EPA SW846-3060 **Prepared By:** ZTS

YORK Sample ID	Client Sample ID	Preparation Date
21E0875-43	Comp 17 20210519	05/21/21
21E0875-44	Comp 18 20210519	05/21/21
21E0875-45	Comp 19 20210519	05/21/21
21E0875-46	Comp 20 20210519	05/21/21
21E0875-47	Comp 21 20210519	05/21/21
BE11141-BLK1	Blank	05/21/21
BE11141-DUP1	Duplicate	05/21/21
BE11141-MS1	Matrix Spike	05/21/21
BE11141-SRM1	Reference	05/21/21

Batch ID: BE11172 **Preparation Method:** Analysis Preparation Soil **Prepared By:** JAG

YORK Sample ID	Client Sample ID	Preparation Date
21E0875-42	Comp 16 20210519	05/24/21
21E0875-43	Comp 17 20210519	05/24/21
21E0875-44	Comp 18 20210519	05/24/21
21E0875-45	Comp 19 20210519	05/24/21
21E0875-46	Comp 20 20210519	05/24/21
21E0875-47	Comp 21 20210519	05/24/21
BE11172-BLK1	Blank	05/24/21



BE11172-DUP1	Duplicate	05/24/21
BE11172-MS1	Matrix Spike	05/24/21
BE11172-SRM1	Reference	05/24/21

Batch ID: BE11174 **Preparation Method:** EPA 3550C **Prepared By:** S_K

YORK Sample ID	Client Sample ID	Preparation Date
21E0875-39	Comp 13 20210519	05/24/21
21E0875-40	Comp 14 20210519	05/24/21
21E0875-41	Comp 15 20210519	05/24/21
21E0875-42	Comp 16 20210519	05/24/21
21E0875-43	Comp 17 20210519	05/24/21
21E0875-44	Comp 18 20210519	05/24/21
21E0875-45	Comp 19 20210519	05/24/21
21E0875-46	Comp 20 20210519	05/24/21
21E0875-47	Comp 21 20210519	05/24/21
BE11174-BLK1	Blank	05/24/21
BE11174-BS1	LCS	05/24/21
BE11174-MS1	Matrix Spike	05/24/21
BE11174-MSD1	Matrix Spike Dup	05/24/21

Batch ID: BE11211 **Preparation Method:** EPA 5035A **Prepared By:** MD

YORK Sample ID	Client Sample ID	Preparation Date
21E0875-01	Grab 1 20210519	05/24/21
21E0875-02	Grab 2 20210519	05/24/21
21E0875-03	Grab 3 20210519	05/24/21
21E0875-04	Grab 4 20210519	05/24/21
21E0875-05	Grab 5 20210519	05/24/21
21E0875-06	Grab 6 20210519	05/24/21
21E0875-07	Grab 7 20210519	05/24/21
21E0875-08	Grab 8 20210519	05/24/21
21E0875-09	Grab 9 20210519	05/24/21
21E0875-10	Grab 10 20210519	05/24/21
21E0875-11	Grab 11 20210519	05/24/21
21E0875-12	Grab 12 20210519	05/24/21
21E0875-13	Grab 13 20210519	05/24/21
21E0875-14	Grab 14 20210519	05/24/21
21E0875-15	Grab 15 20210519	05/24/21
21E0875-16	Grab 16 20210519	05/24/21
21E0875-17	Grab 17 20210519	05/24/21
21E0875-18	Grab 18 20210519	05/24/21
21E0875-19	Grab 19 20210519	05/24/21
BE11211-BLK1	Blank	05/24/21
BE11211-BS1	LCS	05/24/21
BE11211-BSD1	LCS Dup	05/24/21

Batch ID: BE11212 **Preparation Method:** EPA 5035A **Prepared By:** MD

YORK Sample ID	Client Sample ID	Preparation Date
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21E0875-20	Grab 20 20210519	05/24/21
21E0875-21	Grab 21 20210519	05/24/21
21E0875-22	Grab 22 20210519	05/24/21
21E0875-23	Grab 23 20210519	05/24/21
21E0875-25	Grab 25 20210519	05/24/21
21E0875-26	Grab 26 20210519	05/24/21
BE11212-BLK1	Blank	05/24/21
BE11212-BS1	LCS	05/24/21
BE11212-BSD1	LCS Dup	05/24/21

Batch ID: BE11230 **Preparation Method:** EPA 3546 SVOA **Prepared By:** SAK

YORK Sample ID	Client Sample ID	Preparation Date
21E0875-27	Comp 1 20210519	05/24/21
21E0875-28	Comp 2 20210519	05/24/21
21E0875-29	Comp 3 20210519	05/24/21
21E0875-30	Comp 4 20210519	05/24/21
21E0875-31	Comp 5 20210519	05/24/21
21E0875-32	Comp 6 20210519	05/24/21
21E0875-33	Comp 7 20210519	05/24/21
21E0875-34	Comp 8 20210519	05/24/21
21E0875-35	Comp 9 20210519	05/24/21
21E0875-36	Comp 10 20210519	05/24/21
21E0875-37	Comp 11 20210519	05/24/21
21E0875-38	Comp 12 20210519	05/24/21
21E0875-39	Comp 13 20210519	05/24/21
21E0875-40	Comp 14 20210519	05/24/21
21E0875-41	Comp 15 20210519	05/24/21
21E0875-42	Comp 16 20210519	05/24/21
21E0875-43	Comp 17 20210519	05/24/21
21E0875-44	Comp 18 20210519	05/24/21
21E0875-45	Comp 19 20210519	05/24/21
21E0875-46	Comp 20 20210519	05/24/21
BE11230-BLK1	Blank	05/24/21
BE11230-BS1	LCS	05/24/21
BE11230-MS1	Matrix Spike	05/24/21
BE11230-MSD1	Matrix Spike Dup	05/24/21

Batch ID: BE11253 **Preparation Method:** EPA 3550C/8151A **Prepared By:** SJB

YORK Sample ID	Client Sample ID	Preparation Date
21E0875-42	Comp 16 20210519	05/25/21
21E0875-43	Comp 17 20210519	05/25/21
21E0875-44	Comp 18 20210519	05/25/21
21E0875-45	Comp 19 20210519	05/25/21
21E0875-46	Comp 20 20210519	05/25/21
21E0875-47	Comp 21 20210519	05/25/21
BE11253-BLK1	Blank	05/25/21
BE11253-BS1	LCS	05/25/21
BE11253-MS1	Matrix Spike	05/25/21
BE11253-MSD1	Matrix Spike Dup	05/25/21



Batch ID: BE11273

Preparation Method: EPA 5035A

Prepared By: KHA

YORK Sample ID	Client Sample ID	Preparation Date
21E0875-24	Grab 24 20210519	05/25/21
BE11273-BLK1	Blank	05/25/21
BE11273-BLK2	Blank	05/25/21
BE11273-BS1	LCS	05/25/21
BE11273-BSD1	LCS Dup	05/25/21

Batch ID: BE11312

Preparation Method: EPA 3550C/8151A

Prepared By: S_K

YORK Sample ID	Client Sample ID	Preparation Date
21E0875-27	Comp 1 20210519	05/26/21
21E0875-28	Comp 2 20210519	05/26/21
21E0875-29	Comp 3 20210519	05/26/21
21E0875-30	Comp 4 20210519	05/26/21
21E0875-31	Comp 5 20210519	05/26/21
21E0875-32	Comp 6 20210519	05/26/21
21E0875-33	Comp 7 20210519	05/26/21
21E0875-34	Comp 8 20210519	05/26/21
21E0875-35	Comp 9 20210519	05/26/21
21E0875-36	Comp 10 20210519	05/26/21
21E0875-37	Comp 11 20210519	05/26/21
21E0875-38	Comp 12 20210519	05/26/21
21E0875-39	Comp 13 20210519	05/26/21
21E0875-40	Comp 14 20210519	05/26/21
21E0875-41	Comp 15 20210519	05/26/21
BE11312-BLK1	Blank	05/26/21
BE11312-BS1	LCS	05/26/21
BE11312-MS1	Matrix Spike	05/26/21
BE11312-MSD1	Matrix Spike Dup	05/26/21

Batch ID: BE11313

Preparation Method: EPA 3550C

Prepared By: S_K

YORK Sample ID	Client Sample ID	Preparation Date
21E0875-27	Comp 1 20210519	05/26/21
21E0875-28	Comp 2 20210519	05/26/21
21E0875-29	Comp 3 20210519	05/26/21
21E0875-30	Comp 4 20210519	05/26/21
21E0875-31	Comp 5 20210519	05/26/21
21E0875-32	Comp 6 20210519	05/26/21
21E0875-33	Comp 7 20210519	05/26/21
21E0875-34	Comp 8 20210519	05/26/21
21E0875-35	Comp 9 20210519	05/26/21
21E0875-36	Comp 10 20210519	05/26/21
21E0875-37	Comp 11 20210519	05/26/21
21E0875-38	Comp 12 20210519	05/26/21
BE11313-BLK1	Blank	05/26/21
BE11313-BS1	LCS	05/26/21



BE11313-MS1 Matrix Spike 05/26/21
BE11313-MSD1 Matrix Spike Dup 05/26/21

Batch ID: BE11317 **Preparation Method:** EPA 3546 SVOA **Prepared By:** S_K

YORK Sample ID	Client Sample ID	Preparation Date
21E0875-47	Comp 21 20210519	05/26/21
BE11317-BLK1	Blank	05/26/21
BE11317-BS1	LCS	05/26/21

Batch ID: BE11423 **Preparation Method:** Analysis Preparation **Prepared By:** PAM

YORK Sample ID	Client Sample ID	Preparation Date
21E0875-27	Comp 1 20210519	05/27/21
21E0875-28	Comp 2 20210519	05/27/21
21E0875-29	Comp 3 20210519	05/27/21
21E0875-30	Comp 4 20210519	05/27/21
21E0875-31	Comp 5 20210519	05/27/21
21E0875-32	Comp 6 20210519	05/27/21
21E0875-33	Comp 7 20210519	05/27/21
21E0875-34	Comp 8 20210519	05/27/21
21E0875-35	Comp 9 20210519	05/27/21
21E0875-36	Comp 10 20210519	05/27/21
21E0875-37	Comp 11 20210519	05/27/21
21E0875-38	Comp 12 20210519	05/27/21
21E0875-39	Comp 13 20210519	05/27/21
21E0875-40	Comp 14 20210519	05/27/21
21E0875-41	Comp 15 20210519	05/27/21
21E0875-42	Comp 16 20210519	05/27/21
21E0875-43	Comp 17 20210519	05/27/21
21E0875-44	Comp 18 20210519	05/27/21
21E0875-45	Comp 19 20210519	05/27/21
21E0875-46	Comp 20 20210519	05/27/21
21E0875-47	Comp 21 20210519	05/27/21

Batch ID: BE11425 **Preparation Method:** EPA 3050B **Prepared By:** BR

YORK Sample ID	Client Sample ID	Preparation Date
21E0875-47	Comp 21 20210519	05/27/21
BE11425-BLK1	Blank	05/27/21
BE11425-SRM1	Reference	05/27/21

Batch ID: BE11441 **Preparation Method:** EPA 7473 soil **Prepared By:** BR

YORK Sample ID	Client Sample ID	Preparation Date
21E0875-47	Comp 21 20210519	05/27/21
BE11441-BLK1	Blank	05/27/21
BE11441-DUP1	Duplicate	05/27/21
BE11441-MS1	Matrix Spike	05/27/21



BE11441-SRM1

Reference

05/27/21

Batch ID: BE11448**Preparation Method:** EPA 3050B**Prepared By:** BR

YORK Sample ID	Client Sample ID	Preparation Date
21E0875-27	Comp 1 20210519	05/27/21
21E0875-28	Comp 2 20210519	05/27/21
21E0875-29	Comp 3 20210519	05/27/21
21E0875-30	Comp 4 20210519	05/27/21
21E0875-31	Comp 5 20210519	05/27/21
21E0875-32	Comp 6 20210519	05/27/21
21E0875-33	Comp 7 20210519	05/27/21
21E0875-34	Comp 8 20210519	05/27/21
21E0875-35	Comp 9 20210519	05/27/21
21E0875-36	Comp 10 20210519	05/27/21
21E0875-37	Comp 11 20210519	05/27/21
21E0875-38	Comp 12 20210519	05/27/21
21E0875-39	Comp 13 20210519	05/27/21
21E0875-40	Comp 14 20210519	05/27/21
21E0875-41	Comp 15 20210519	05/27/21
21E0875-42	Comp 16 20210519	05/27/21
21E0875-43	Comp 17 20210519	05/27/21
21E0875-44	Comp 18 20210519	05/27/21
21E0875-45	Comp 19 20210519	05/27/21
21E0875-46	Comp 20 20210519	05/27/21
BE11448-BLK1	Blank	05/27/21
BE11448-DUP1	Duplicate	05/27/21
BE11448-MS1	Matrix Spike	05/27/21
BE11448-PS1	Post Spike	05/27/21
BE11448-SRM1	Reference	05/27/21

Batch ID: BE11453**Preparation Method:** EPA 7473 soil**Prepared By:** BR

YORK Sample ID	Client Sample ID	Preparation Date
21E0875-27	Comp 1 20210519	05/27/21
21E0875-28	Comp 2 20210519	05/27/21
21E0875-29	Comp 3 20210519	05/27/21
21E0875-30	Comp 4 20210519	05/27/21
21E0875-31	Comp 5 20210519	05/27/21
21E0875-32	Comp 6 20210519	05/27/21
21E0875-33	Comp 7 20210519	05/27/21
21E0875-34	Comp 8 20210519	05/27/21
21E0875-35	Comp 9 20210519	05/27/21
21E0875-36	Comp 10 20210519	05/27/21
21E0875-37	Comp 11 20210519	05/27/21
21E0875-38	Comp 12 20210519	05/27/21
21E0875-39	Comp 13 20210519	05/27/21
21E0875-40	Comp 14 20210519	05/27/21
21E0875-41	Comp 15 20210519	05/27/21
21E0875-42	Comp 16 20210519	05/27/21
21E0875-43	Comp 17 20210519	05/27/21



21E0875-44	Comp 18 20210519	05/27/21
21E0875-45	Comp 19 20210519	05/27/21
21E0875-46	Comp 20 20210519	05/27/21
BE11453-BLK1	Blank	05/27/21
BE11453-DUP1	Duplicate	05/27/21
BE11453-MS1	Matrix Spike	05/27/21
BE11453-SRM1	Reference	05/27/21



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
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Batch BE11211 - EPA 5035A

Blank (BE11211-BLK1)

Prepared & Analyzed: 05/24/2021

1,1,1-Trichloroethane	ND	5.0	ug/kg wet								
1,1-Dichloroethane	ND	5.0	"								
1,1-Dichloroethylene	ND	5.0	"								
1,2,4-Trimethylbenzene	ND	5.0	"								
1,2-Dichlorobenzene	ND	5.0	"								
1,2-Dichloroethane	ND	5.0	"								
1,3,5-Trimethylbenzene	ND	5.0	"								
1,3-Dichlorobenzene	ND	5.0	"								
1,4-Dichlorobenzene	ND	5.0	"								
1,4-Dioxane	ND	100	"								
2-Butanone	ND	5.0	"								
Acetone	ND	10	"								
Benzene	ND	5.0	"								
Carbon tetrachloride	ND	5.0	"								
Chlorobenzene	ND	5.0	"								
Chloroform	ND	5.0	"								
cis-1,2-Dichloroethylene	ND	5.0	"								
Ethyl Benzene	ND	5.0	"								
Methyl tert-butyl ether (MTBE)	ND	5.0	"								
Methylene chloride	ND	10	"								
Naphthalene	ND	10	"								
n-Butylbenzene	ND	5.0	"								
n-Propylbenzene	ND	5.0	"								
o-Xylene	ND	5.0	"								
p- & m- Xylenes	ND	10	"								
sec-Butylbenzene	ND	5.0	"								
tert-Butylbenzene	ND	5.0	"								
Tetrachloroethylene	ND	5.0	"								
Toluene	ND	5.0	"								
trans-1,2-Dichloroethylene	ND	5.0	"								
Trichloroethylene	ND	5.0	"								
Vinyl Chloride	ND	5.0	"								
Xylenes, Total	ND	15	"								
Surrogate: SURR: 1,2-Dichloroethane-d4	46.4		ug/L	50.0		92.9	77-125				
Surrogate: SURR: Toluene-d8	52.0		"	50.0		104	85-120				
Surrogate: SURR: p-Bromofluorobenzene	48.0		"	50.0		96.0	76-130				



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
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Batch BE11211 - EPA 5035A

LCS (BE11211-BS1)

Prepared & Analyzed: 05/24/2021

1,1,1-Trichloroethane	47.4		ug/L	50.0		94.9	71-137				
1,1-Dichloroethane	45.2		"	50.0		90.5	75-130				
1,1-Dichloroethylene	50.1		"	50.0		100	64-137				
1,2,4-Trimethylbenzene	51.6		"	50.0		103	84-125				
1,2-Dichlorobenzene	54.8		"	50.0		110	85-122				
1,2-Dichloroethane	45.9		"	50.0		91.8	71-133				
1,3,5-Trimethylbenzene	52.0		"	50.0		104	82-126				
1,3-Dichlorobenzene	54.4		"	50.0		109	84-124				
1,4-Dichlorobenzene	54.0		"	50.0		108	84-124				
1,4-Dioxane	1010		"	1050		96.4	10-228				
2-Butanone	36.9		"	50.0		73.8	58-147				
Acetone	38.7		"	50.0		77.3	36-155				
Benzene	49.4		"	50.0		98.8	77-127				
Carbon tetrachloride	42.3		"	50.0		84.7	66-143				
Chlorobenzene	53.4		"	50.0		107	86-120				
Chloroform	48.0		"	50.0		95.9	76-131				
cis-1,2-Dichloroethylene	48.9		"	50.0		97.8	74-132				
Ethyl Benzene	50.6		"	50.0		101	84-125				
Methyl tert-butyl ether (MTBE)	51.2		"	50.0		102	74-131				
Methylene chloride	48.4		"	50.0		96.8	57-141				
Naphthalene	54.8		"	50.0		110	86-141				
n-Butylbenzene	49.7		"	50.0		99.3	80-130				
n-Propylbenzene	50.2		"	50.0		100	74-136				
o-Xylene	50.6		"	50.0		101	83-123				
p- & m- Xylenes	104		"	100		104	82-128				
sec-Butylbenzene	53.2		"	50.0		106	83-125				
tert-Butylbenzene	51.1		"	50.0		102	80-127				
Tetrachloroethylene	50.7		"	50.0		101	80-129				
Toluene	49.9		"	50.0		99.9	85-121				
trans-1,2-Dichloroethylene	48.6		"	50.0		97.3	72-132				
Trichloroethylene	49.9		"	50.0		99.8	84-123				
Vinyl Chloride	50.1		"	50.0		100	52-130				
Surrogate: SURR: 1,2-Dichloroethane-d4	48.1		"	50.0		96.2	77-125				
Surrogate: SURR: Toluene-d8	52.3		"	50.0		105	85-120				
Surrogate: SURR: p-Bromofluorobenzene	46.4		"	50.0		92.8	76-130				



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
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Batch BE11211 - EPA 5035A

LCS Dup (BE11211-BSD1)

Prepared & Analyzed: 05/24/2021

1,1,1-Trichloroethane	48.0		ug/L	50.0		96.0	71-137		1.17	30	
1,1-Dichloroethane	46.0		"	50.0		92.1	75-130		1.80	30	
1,1-Dichloroethylene	49.9		"	50.0		99.8	64-137		0.460	30	
1,2,4-Trimethylbenzene	50.9		"	50.0		102	84-125		1.27	30	
1,2-Dichlorobenzene	55.2		"	50.0		110	85-122		0.763	30	
1,2-Dichloroethane	48.0		"	50.0		96.0	71-133		4.47	30	
1,3,5-Trimethylbenzene	51.7		"	50.0		103	82-126		0.424	30	
1,3-Dichlorobenzene	53.9		"	50.0		108	84-124		1.02	30	
1,4-Dichlorobenzene	53.7		"	50.0		107	84-124		0.632	30	
1,4-Dioxane	1060		"	1050		100	10-228		4.16	30	
2-Butanone	42.5		"	50.0		85.0	58-147		14.1	30	
Acetone	40.0		"	50.0		80.1	36-155		3.48	30	
Benzene	50.4		"	50.0		101	77-127		2.02	30	
Carbon tetrachloride	43.6		"	50.0		87.3	66-143		3.00	30	
Chlorobenzene	53.1		"	50.0		106	86-120		0.432	30	
Chloroform	48.4		"	50.0		96.9	76-131		1.02	30	
cis-1,2-Dichloroethylene	48.8		"	50.0		97.7	74-132		0.123	30	
Ethyl Benzene	51.0		"	50.0		102	84-125		0.768	30	
Methyl tert-butyl ether (MTBE)	53.5		"	50.0		107	74-131		4.26	30	
Methylene chloride	49.4		"	50.0		98.8	57-141		1.98	30	
Naphthalene	55.8		"	50.0		112	86-141		1.90	30	
n-Butylbenzene	49.2		"	50.0		98.5	80-130		0.829	30	
n-Propylbenzene	50.0		"	50.0		100	74-136		0.399	30	
o-Xylene	50.5		"	50.0		101	83-123		0.178	30	
p- & m- Xylenes	104		"	100		104	82-128		0.250	30	
sec-Butylbenzene	53.0		"	50.0		106	83-125		0.433	30	
tert-Butylbenzene	51.2		"	50.0		102	80-127		0.196	30	
Tetrachloroethylene	51.7		"	50.0		103	80-129		1.84	30	
Toluene	50.4		"	50.0		101	85-121		0.957	30	
trans-1,2-Dichloroethylene	49.2		"	50.0		98.3	72-132		1.06	30	
Trichloroethylene	50.8		"	50.0		102	84-123		1.73	30	
Vinyl Chloride	51.0		"	50.0		102	52-130		1.88	30	
Surrogate: SURR: 1,2-Dichloroethane-d4	48.6		"	50.0		97.1	77-125				
Surrogate: SURR: Toluene-d8	52.6		"	50.0		105	85-120				
Surrogate: SURR: p-Bromofluorobenzene	45.6		"	50.0		91.2	76-130				



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

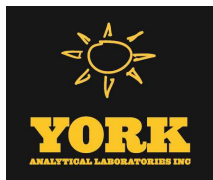
Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
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Batch BE11212 - EPA 5035A

Blank (BE11212-BLK1)

Prepared & Analyzed: 05/24/2021

1,1,1-Trichloroethane	ND	5.0	ug/kg wet								
1,1-Dichloroethane	ND	5.0	"								
1,1-Dichloroethylene	ND	5.0	"								
1,2,4-Trimethylbenzene	ND	5.0	"								
1,2-Dichlorobenzene	ND	5.0	"								
1,2-Dichloroethane	ND	5.0	"								
1,3,5-Trimethylbenzene	ND	5.0	"								
1,3-Dichlorobenzene	ND	5.0	"								
1,4-Dichlorobenzene	ND	5.0	"								
1,4-Dioxane	ND	100	"								
2-Butanone	ND	5.0	"								
Acetone	ND	10	"								
Benzene	ND	5.0	"								
Carbon tetrachloride	ND	5.0	"								
Chlorobenzene	ND	5.0	"								
Chloroform	ND	5.0	"								
cis-1,2-Dichloroethylene	ND	5.0	"								
Ethyl Benzene	ND	5.0	"								
Methyl tert-butyl ether (MTBE)	ND	5.0	"								
Methylene chloride	ND	10	"								
Naphthalene	ND	10	"								
n-Butylbenzene	ND	5.0	"								
n-Propylbenzene	ND	5.0	"								
o-Xylene	ND	5.0	"								
p- & m- Xylenes	ND	10	"								
sec-Butylbenzene	ND	5.0	"								
tert-Butylbenzene	ND	5.0	"								
Tetrachloroethylene	ND	5.0	"								
Toluene	ND	5.0	"								
trans-1,2-Dichloroethylene	ND	5.0	"								
Trichloroethylene	ND	5.0	"								
Vinyl Chloride	ND	5.0	"								
Xylenes, Total	ND	15	"								
Surrogate: SURR: 1,2-Dichloroethane-d4	46.8		ug/L	50.0		93.6	77-125				
Surrogate: SURR: Toluene-d8	51.5		"	50.0		103	85-120				
Surrogate: SURR: p-Bromofluorobenzene	47.6		"	50.0		95.3	76-130				



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
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Batch BE11212 - EPA 5035A

LCS (BE11212-BS1)

Prepared & Analyzed: 05/24/2021

1,1,1-Trichloroethane	44.9		ug/L	50.0		89.9	71-137				
1,1-Dichloroethane	43.4		"	50.0		86.7	75-130				
1,1-Dichloroethylene	60.4		"	50.0		121	64-137				
1,2,4-Trimethylbenzene	47.8		"	50.0		95.6	84-125				
1,2-Dichlorobenzene	52.4		"	50.0		105	85-122				
1,2-Dichloroethane	45.4		"	50.0		90.8	71-133				
1,3,5-Trimethylbenzene	48.3		"	50.0		96.7	82-126				
1,3-Dichlorobenzene	50.7		"	50.0		101	84-124				
1,4-Dichlorobenzene	49.6		"	50.0		99.2	84-124				
1,4-Dioxane	1070		"	1050		102	10-228				
2-Butanone	38.6		"	50.0		77.1	58-147				
Acetone	51.6		"	50.0		103	36-155				
Benzene	48.0		"	50.0		96.1	77-127				
Carbon tetrachloride	39.8		"	50.0		79.6	66-143				
Chlorobenzene	50.3		"	50.0		101	86-120				
Chloroform	46.7		"	50.0		93.4	76-131				
cis-1,2-Dichloroethylene	46.0		"	50.0		91.9	74-132				
Ethyl Benzene	47.9		"	50.0		95.7	84-125				
Methyl tert-butyl ether (MTBE)	49.1		"	50.0		98.3	74-131				
Methylene chloride	47.8		"	50.0		95.5	57-141				
Naphthalene	54.3		"	50.0		109	86-141				
n-Butylbenzene	46.2		"	50.0		92.3	80-130				
n-Propylbenzene	47.2		"	50.0		94.4	74-136				
o-Xylene	47.6		"	50.0		95.1	83-123				
p- & m- Xylenes	97.6		"	100		97.6	82-128				
sec-Butylbenzene	50.6		"	50.0		101	83-125				
tert-Butylbenzene	48.4		"	50.0		96.8	80-127				
Tetrachloroethylene	47.2		"	50.0		94.4	80-129				
Toluene	47.7		"	50.0		95.4	85-121				
trans-1,2-Dichloroethylene	46.2		"	50.0		92.4	72-132				
Trichloroethylene	48.2		"	50.0		96.4	84-123				
Vinyl Chloride	56.9		"	50.0		114	52-130				
Surrogate: SURR: 1,2-Dichloroethane-d4	47.4		"	50.0		94.8	77-125				
Surrogate: SURR: Toluene-d8	51.6		"	50.0		103	85-120				
Surrogate: SURR: p-Bromofluorobenzene	45.5		"	50.0		91.1	76-130				



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
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Batch BE11212 - EPA 5035A

LCS Dup (BE11212-BSD1)

Prepared & Analyzed: 05/24/2021

1,1,1-Trichloroethane	45.7		ug/L	50.0		91.5	71-137		1.76	30	
1,1-Dichloroethane	44.7		"	50.0		89.5	75-130		3.13	30	
1,1-Dichloroethylene	61.2		"	50.0		122	64-137		1.28	30	
1,2,4-Trimethylbenzene	48.1		"	50.0		96.1	84-125		0.542	30	
1,2-Dichlorobenzene	53.3		"	50.0		107	85-122		1.57	30	
1,2-Dichloroethane	46.6		"	50.0		93.3	71-133		2.72	30	
1,3,5-Trimethylbenzene	49.2		"	50.0		98.3	82-126		1.70	30	
1,3-Dichlorobenzene	50.7		"	50.0		101	84-124		0.0986	30	
1,4-Dichlorobenzene	50.6		"	50.0		101	84-124		2.01	30	
1,4-Dioxane	1130		"	1050		108	10-228		5.67	30	
2-Butanone	36.5		"	50.0		73.0	58-147		5.52	30	
Acetone	51.3		"	50.0		103	36-155		0.602	30	
Benzene	49.6		"	50.0		99.2	77-127		3.15	30	
Carbon tetrachloride	40.9		"	50.0		81.8	66-143		2.65	30	
Chlorobenzene	51.3		"	50.0		103	86-120		1.89	30	
Chloroform	48.2		"	50.0		96.4	76-131		3.14	30	
cis-1,2-Dichloroethylene	47.2		"	50.0		94.4	74-132		2.70	30	
Ethyl Benzene	49.0		"	50.0		98.0	84-125		2.35	30	
Methyl tert-butyl ether (MTBE)	50.9		"	50.0		102	74-131		3.56	30	
Methylene chloride	48.5		"	50.0		97.0	57-141		1.52	30	
Naphthalene	54.4		"	50.0		109	86-141		0.166	30	
n-Butylbenzene	44.6		"	50.0		89.2	80-130		3.48	30	
n-Propylbenzene	47.7		"	50.0		95.3	74-136		0.991	30	
o-Xylene	48.2		"	50.0		96.4	83-123		1.34	30	
p- & m- Xylenes	99.7		"	100		99.7	82-128		2.10	30	
sec-Butylbenzene	50.7		"	50.0		101	83-125		0.355	30	
tert-Butylbenzene	49.7		"	50.0		99.4	80-127		2.67	30	
Tetrachloroethylene	47.6		"	50.0		95.2	80-129		0.802	30	
Toluene	48.6		"	50.0		97.1	85-121		1.72	30	
trans-1,2-Dichloroethylene	47.3		"	50.0		94.6	72-132		2.31	30	
Trichloroethylene	48.5		"	50.0		97.0	84-123		0.641	30	
Vinyl Chloride	58.0		"	50.0		116	52-130		1.98	30	
Surrogate: SURR: 1,2-Dichloroethane-d4	47.6		"	50.0		95.2	77-125				
Surrogate: SURR: Toluene-d8	50.9		"	50.0		102	85-120				
Surrogate: SURR: p-Bromofluorobenzene	44.9		"	50.0		89.8	76-130				



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
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Batch BE11273 - EPA 5035A

Blank (BE11273-BLK1)

Prepared & Analyzed: 05/25/2021

1,1,1-Trichloroethane	ND	5.0	ug/kg wet								
1,1-Dichloroethane	ND	5.0	"								
1,1-Dichloroethylene	ND	5.0	"								
1,2,4-Trimethylbenzene	ND	5.0	"								
1,2-Dichlorobenzene	ND	5.0	"								
1,2-Dichloroethane	ND	5.0	"								
1,3,5-Trimethylbenzene	ND	5.0	"								
1,3-Dichlorobenzene	ND	5.0	"								
1,4-Dichlorobenzene	ND	5.0	"								
1,4-Dioxane	ND	100	"								
2-Butanone	ND	5.0	"								
Acetone	ND	10	"								
Benzene	ND	5.0	"								
Carbon tetrachloride	ND	5.0	"								
Chlorobenzene	ND	5.0	"								
Chloroform	ND	5.0	"								
cis-1,2-Dichloroethylene	ND	5.0	"								
Ethyl Benzene	ND	5.0	"								
Methyl tert-butyl ether (MTBE)	ND	5.0	"								
Methylene chloride	ND	10	"								
Naphthalene	ND	10	"								
n-Butylbenzene	ND	5.0	"								
n-Propylbenzene	ND	5.0	"								
o-Xylene	ND	5.0	"								
p- & m- Xylenes	ND	10	"								
sec-Butylbenzene	ND	5.0	"								
tert-Butylbenzene	ND	5.0	"								
Tetrachloroethylene	ND	5.0	"								
Toluene	ND	5.0	"								
trans-1,2-Dichloroethylene	ND	5.0	"								
Trichloroethylene	ND	5.0	"								
Vinyl Chloride	ND	5.0	"								
Xylenes, Total	ND	15	"								
Surrogate: SURR: 1,2-Dichloroethane-d4	48.2		ug/L	50.0		96.5	77-125				
Surrogate: SURR: Toluene-d8	52.4		"	50.0		105	85-120				
Surrogate: SURR: p-Bromofluorobenzene	49.8		"	50.0		99.5	76-130				



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
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Batch BE11273 - EPA 5035A

Blank (BE11273-BLK2)

Prepared & Analyzed: 05/25/2021

1,1,1-Trichloroethane	ND	5.0	ug/kg wet								
1,1-Dichloroethane	ND	5.0	"								
1,1-Dichloroethylene	ND	5.0	"								
1,2,4-Trimethylbenzene	ND	5.0	"								
1,2-Dichlorobenzene	ND	5.0	"								
1,2-Dichloroethane	ND	5.0	"								
1,3,5-Trimethylbenzene	ND	5.0	"								
1,3-Dichlorobenzene	ND	5.0	"								
1,4-Dichlorobenzene	ND	5.0	"								
1,4-Dioxane	ND	100	"								
2-Butanone	ND	5.0	"								
Acetone	ND	10	"								
Benzene	ND	5.0	"								
Carbon tetrachloride	ND	5.0	"								
Chlorobenzene	ND	5.0	"								
Chloroform	ND	5.0	"								
cis-1,2-Dichloroethylene	ND	5.0	"								
Ethyl Benzene	ND	5.0	"								
Methyl tert-butyl ether (MTBE)	ND	5.0	"								
Methylene chloride	ND	10	"								
Naphthalene	ND	10	"								
n-Butylbenzene	ND	5.0	"								
n-Propylbenzene	ND	5.0	"								
o-Xylene	ND	5.0	"								
p- & m- Xylenes	ND	10	"								
sec-Butylbenzene	ND	5.0	"								
tert-Butylbenzene	ND	5.0	"								
Tetrachloroethylene	ND	5.0	"								
Toluene	ND	5.0	"								
trans-1,2-Dichloroethylene	ND	5.0	"								
Trichloroethylene	ND	5.0	"								
Vinyl Chloride	ND	5.0	"								
Xylenes, Total	ND	15	"								
Surrogate: SURR: 1,2-Dichloroethane-d4	47.2		ug/L	50.0		94.4	77-125				
Surrogate: SURR: Toluene-d8	52.4		"	50.0		105	85-120				
Surrogate: SURR: p-Bromofluorobenzene	47.1		"	50.0		94.2	76-130				



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
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Batch BE11273 - EPA 5035A

LCS (BE11273-BS1)

Prepared & Analyzed: 05/25/2021

1,1,1-Trichloroethane	45.7		ug/L	50.0		91.3	71-137				
1,1-Dichloroethane	45.0		"	50.0		90.0	75-130				
1,1-Dichloroethylene	67.6		"	50.0		135	64-137				
1,2,4-Trimethylbenzene	50.1		"	50.0		100	84-125				
1,2-Dichlorobenzene	54.1		"	50.0		108	85-122				
1,2-Dichloroethane	47.1		"	50.0		94.2	71-133				
1,3,5-Trimethylbenzene	50.8		"	50.0		102	82-126				
1,3-Dichlorobenzene	52.6		"	50.0		105	84-124				
1,4-Dichlorobenzene	51.7		"	50.0		103	84-124				
1,4-Dioxane	1030		"	1050		97.7	10-228				
2-Butanone	36.3		"	50.0		72.6	58-147				
Acetone	52.9		"	50.0		106	36-155				
Benzene	50.1		"	50.0		100	77-127				
Carbon tetrachloride	40.9		"	50.0		81.9	66-143				
Chlorobenzene	51.6		"	50.0		103	86-120				
Chloroform	48.2		"	50.0		96.4	76-131				
cis-1,2-Dichloroethylene	47.9		"	50.0		95.8	74-132				
Ethyl Benzene	50.4		"	50.0		101	84-125				
Methyl tert-butyl ether (MTBE)	50.2		"	50.0		100	74-131				
Methylene chloride	48.0		"	50.0		95.9	57-141				
Naphthalene	54.3		"	50.0		109	86-141				
n-Butylbenzene	51.5		"	50.0		103	80-130				
n-Propylbenzene	50.9		"	50.0		102	74-136				
o-Xylene	49.6		"	50.0		99.3	83-123				
p- & m- Xylenes	104		"	100		104	82-128				
sec-Butylbenzene	53.2		"	50.0		106	83-125				
tert-Butylbenzene	49.5		"	50.0		98.9	80-127				
Tetrachloroethylene	46.0		"	50.0		92.0	80-129				
Toluene	49.4		"	50.0		98.9	85-121				
trans-1,2-Dichloroethylene	47.3		"	50.0		94.6	72-132				
Trichloroethylene	49.1		"	50.0		98.2	84-123				
Vinyl Chloride	61.3		"	50.0		123	52-130				
Surrogate: SURR: 1,2-Dichloroethane-d4	48.7		"	50.0		97.5	77-125				
Surrogate: SURR: Toluene-d8	52.3		"	50.0		105	85-120				
Surrogate: SURR: p-Bromofluorobenzene	46.0		"	50.0		92.0	76-130				



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
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Batch BE11273 - EPA 5035A

LCS Dup (BE11273-BSD1)

Prepared & Analyzed: 05/25/2021

1,1,1-Trichloroethane	46.9		ug/L	50.0		93.8	71-137		2.68	30	
1,1-Dichloroethane	46.3		"	50.0		92.5	75-130		2.74	30	
1,1-Dichloroethylene	67.2		"	50.0		134	64-137		0.564	30	
1,2,4-Trimethylbenzene	51.6		"	50.0		103	84-125		2.85	30	
1,2-Dichlorobenzene	55.6		"	50.0		111	85-122		2.62	30	
1,2-Dichloroethane	46.7		"	50.0		93.4	71-133		0.917	30	
1,3,5-Trimethylbenzene	52.1		"	50.0		104	82-126		2.55	30	
1,3-Dichlorobenzene	53.5		"	50.0		107	84-124		1.62	30	
1,4-Dichlorobenzene	52.6		"	50.0		105	84-124		1.63	30	
1,4-Dioxane	1050		"	1050		100	10-228		2.58	30	
2-Butanone	36.4		"	50.0		72.8	58-147		0.275	30	
Acetone	51.7		"	50.0		103	36-155		2.22	30	
Benzene	50.3		"	50.0		101	77-127		0.379	30	
Carbon tetrachloride	41.4		"	50.0		82.8	66-143		1.09	30	
Chlorobenzene	53.0		"	50.0		106	86-120		2.73	30	
Chloroform	49.0		"	50.0		97.9	76-131		1.52	30	
cis-1,2-Dichloroethylene	48.8		"	50.0		97.6	74-132		1.94	30	
Ethyl Benzene	52.1		"	50.0		104	84-125		3.16	30	
Methyl tert-butyl ether (MTBE)	50.7		"	50.0		101	74-131		0.951	30	
Methylene chloride	49.6		"	50.0		99.1	57-141		3.28	30	
Naphthalene	55.6		"	50.0		111	86-141		2.46	30	
n-Butylbenzene	52.5		"	50.0		105	80-130		2.06	30	
n-Propylbenzene	51.6		"	50.0		103	74-136		1.42	30	
o-Xylene	50.9		"	50.0		102	83-123		2.53	30	
p- & m- Xylenes	106		"	100		106	82-128		2.02	30	
sec-Butylbenzene	53.9		"	50.0		108	83-125		1.35	30	
tert-Butylbenzene	50.5		"	50.0		101	80-127		2.02	30	
Tetrachloroethylene	47.4		"	50.0		94.9	80-129		3.02	30	
Toluene	51.0		"	50.0		102	85-121		3.20	30	
trans-1,2-Dichloroethylene	48.0		"	50.0		96.1	72-132		1.57	30	
Trichloroethylene	50.4		"	50.0		101	84-123		2.59	30	
Vinyl Chloride	61.1		"	50.0		122	52-130		0.343	30	
Surrogate: SURR: 1,2-Dichloroethane-d4	47.1		"	50.0		94.2	77-125				
Surrogate: SURR: Toluene-d8	52.1		"	50.0		104	85-120				
Surrogate: SURR: p-Bromofluorobenzene	45.4		"	50.0		90.9	76-130				



Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
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Batch BE11230 - EPA 3546 SVOA

Blank (BE11230-BLK1)

Prepared: 05/24/2021 Analyzed: 05/25/2021

1,1-Biphenyl	ND	41.6	ug/kg wet
1,2,4,5-Tetrachlorobenzene	ND	83.0	"
2,3,4,6-Tetrachlorophenol	ND	83.0	"
2,4,5-Trichlorophenol	ND	41.6	"
2,4,6-Trichlorophenol	ND	41.6	"
2,4-Dichlorophenol	ND	41.6	"
2,4-Dimethylphenol	ND	41.6	"
2,4-Dinitrophenol	ND	83.0	"
2,4-Dinitrotoluene	ND	41.6	"
2,6-Dinitrotoluene	ND	41.6	"
2-Chloronaphthalene	ND	41.6	"
2-Chlorophenol	ND	41.6	"
2-Methylnaphthalene	ND	41.6	"
2-Methylphenol	ND	41.6	"
2-Nitroaniline	ND	83.0	"
2-Nitrophenol	ND	41.6	"
3- & 4-Methylphenols	ND	41.6	"
3,3-Dichlorobenzidine	ND	41.6	"
3-Nitroaniline	ND	83.0	"
4,6-Dinitro-2-methylphenol	ND	83.0	"
4-Bromophenyl phenyl ether	ND	41.6	"
4-Chloro-3-methylphenol	ND	41.6	"
4-Chloroaniline	ND	41.6	"
4-Chlorophenyl phenyl ether	ND	41.6	"
4-Nitroaniline	ND	83.0	"
4-Nitrophenol	ND	83.0	"
Acenaphthene	ND	41.6	"
Acenaphthylene	ND	41.6	"
Acetophenone	ND	41.6	"
Anthracene	ND	41.6	"
Atrazine	ND	41.6	"
Benzaldehyde	ND	41.6	"
Benzo(a)anthracene	ND	41.6	"
Benzo(a)pyrene	ND	41.6	"
Benzo(b)fluoranthene	ND	41.6	"
Benzo(g,h,i)perylene	ND	41.6	"
Benzo(k)fluoranthene	ND	41.6	"
Benzyl butyl phthalate	ND	41.6	"
Bis(2-chloroethoxy)methane	ND	41.6	"
Bis(2-chloroethyl)ether	ND	41.6	"
Bis(2-chloroisopropyl)ether	ND	41.6	"
Bis(2-ethylhexyl)phthalate	ND	41.6	"
Caprolactam	ND	83.0	"
Carbazole	ND	41.6	"
Chrysene	ND	41.6	"
Dibenzo(a,h)anthracene	ND	41.6	"
Dibenzofuran	ND	41.6	"
Diethyl phthalate	ND	41.6	"
Dimethyl phthalate	ND	41.6	"
Di-n-butyl phthalate	ND	41.6	"
Di-n-octyl phthalate	ND	41.6	"



Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
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Batch BE11230 - EPA 3546 SVOA

Blank (BE11230-BLK1)

Prepared: 05/24/2021 Analyzed: 05/25/2021

Fluoranthene	ND	41.6	ug/kg wet
Fluorene	ND	41.6	"
Hexachlorobenzene	ND	41.6	"
Hexachlorobutadiene	ND	41.6	"
Hexachlorocyclopentadiene	ND	41.6	"
Hexachloroethane	ND	41.6	"
Indeno(1,2,3-cd)pyrene	ND	41.6	"
Isophorone	ND	41.6	"
Naphthalene	ND	41.6	"
Nitrobenzene	ND	41.6	"
N-nitroso-di-n-propylamine	ND	41.6	"
N-Nitrosodiphenylamine	ND	41.6	"
Pentachlorophenol	ND	41.6	"
Phenanthrene	ND	41.6	"
Phenol	ND	41.6	"
Pyrene	ND	41.6	"

Surrogate: SURR: 2-Fluorophenol	940	"	1660	56.6	30-130
Surrogate: SURR: Phenol-d5	848	"	1660	51.0	30-130
Surrogate: SURR: Nitrobenzene-d5	550	"	831	66.2	30-130
Surrogate: SURR: 2-Fluorobiphenyl	480	"	831	57.8	30-130
Surrogate: SURR: 2,4,6-Tribromophenol	903	"	1660	54.3	30-130
Surrogate: SURR: Terphenyl-d14	544	"	831	65.5	30-130

LCS (BE11230-BS1)

Prepared: 05/24/2021 Analyzed: 05/25/2021

1,1-Biphenyl	472	41.6	ug/kg wet	831	56.8	70-130	Low Bias	30
1,2,4,5-Tetrachlorobenzene	380	83.0	"	831	45.8	70-130	Low Bias	30
2,3,4,6-Tetrachlorophenol	565	83.0	"	831	68.1	70-130	Low Bias	30
2,4,5-Trichlorophenol	418	41.6	"	831	50.3	70-130	Low Bias	30
2,4,6-Trichlorophenol	378	41.6	"	831	45.6	70-130	Low Bias	30
2,4-Dichlorophenol	421	41.6	"	831	50.7	70-130	Low Bias	30
2,4-Dimethylphenol	423	41.6	"	831	50.9	70-130	Low Bias	30
2,4-Dinitrophenol	283	83.0	"	831	34.1	20-160		30
2,4-Dinitrotoluene	486	41.6	"	831	58.6	70-130	Low Bias	30
2,6-Dinitrotoluene	474	41.6	"	831	57.1	70-130	Low Bias	30
2-Chloronaphthalene	390	41.6	"	831	47.0	70-130	Low Bias	30
2-Chlorophenol	389	41.6	"	831	46.8	70-130	Low Bias	30
2-Methylnaphthalene	441	41.6	"	831	53.0	70-130	Low Bias	30
2-Methylphenol	401	41.6	"	831	48.3	70-130	Low Bias	30
2-Nitroaniline	485	83.0	"	831	58.4	70-130	Low Bias	30
2-Nitrophenol	457	41.6	"	831	55.1	70-130	Low Bias	30
3- & 4-Methylphenols	367	41.6	"	831	44.2	20-160		30
3,3-Dichlorobenzidine	336	41.6	"	831	40.4	70-130	Low Bias	30
3-Nitroaniline	414	83.0	"	831	49.8	70-130	Low Bias	30
4,6-Dinitro-2-methylphenol	482	83.0	"	831	58.0	70-130	Low Bias	30
4-Bromophenyl phenyl ether	371	41.6	"	831	44.6	70-130	Low Bias	30
4-Chloro-3-methylphenol	456	41.6	"	831	54.9	70-130	Low Bias	30
4-Chloroaniline	248	41.6	"	831	29.9	70-130	Low Bias	30
4-Chlorophenyl phenyl ether	369	41.6	"	831	44.4	70-130	Low Bias	30
4-Nitroaniline	438	83.0	"	831	52.7	70-130	Low Bias	30
4-Nitrophenol	571	83.0	"	831	68.8	20-160		30
Acenaphthene	387	41.6	"	831	46.6	70-130	Low Bias	30



Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
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Batch BE11230 - EPA 3546 SVOA

LCS (BE11230-BS1)

Prepared: 05/24/2021 Analyzed: 05/25/2021

Acenaphthylene	409	41.6	ug/kg wet	831		49.3	70-130	Low Bias		30	
Acetophenone	456	41.6	"	831		54.9	70-130	Low Bias		30	
Anthracene	428	41.6	"	831		51.6	70-130	Low Bias		30	
Atrazine	522	41.6	"	831		62.8	70-130	Low Bias		30	
Benzaldehyde	455	41.6	"	831		54.8	20-160			30	
Benzo(a)anthracene	435	41.6	"	831		52.4	70-130	Low Bias		30	
Benzo(a)pyrene	506	41.6	"	831		60.9	70-130	Low Bias		30	
Benzo(b)fluoranthene	444	41.6	"	831		53.4	70-130	Low Bias		30	
Benzo(g,h,i)perylene	483	41.6	"	831		58.1	70-130	Low Bias		30	
Benzo(k)fluoranthene	481	41.6	"	831		57.9	70-130	Low Bias		30	
Benzyl butyl phthalate	482	41.6	"	831		58.0	70-130	Low Bias		30	
Bis(2-chloroethoxy)methane	411	41.6	"	831		49.5	70-130	Low Bias		30	
Bis(2-chloroethyl)ether	341	41.6	"	831		41.1	70-130	Low Bias		30	
Bis(2-chloroisopropyl)ether	414	41.6	"	831		49.9	70-130	Low Bias		30	
Bis(2-ethylhexyl)phthalate	525	41.6	"	831		63.2	70-130	Low Bias		30	
Caprolactam	540	83.0	"	831		65.0	20-160			30	
Carbazole	437	41.6	"	831		52.6	70-130	Low Bias		30	
Chrysene	459	41.6	"	831		55.2	70-130	Low Bias		30	
Dibenzo(a,h)anthracene	480	41.6	"	831		57.8	70-130	Low Bias		30	
Dibenzofuran	403	41.6	"	831		48.5	70-130	Low Bias		30	
Diethyl phthalate	445	41.6	"	831		53.6	70-130	Low Bias		30	
Dimethyl phthalate	414	41.6	"	831		49.8	70-130	Low Bias		30	
Di-n-butyl phthalate	448	41.6	"	831		53.9	70-130	Low Bias		30	
Di-n-octyl phthalate	530	41.6	"	831		63.8	70-130	Low Bias		30	
Fluoranthene	414	41.6	"	831		49.8	70-130	Low Bias		30	
Fluorene	408	41.6	"	831		49.1	70-130	Low Bias		30	
Hexachlorobenzene	520	41.6	"	831		62.6	70-130	Low Bias		30	
Hexachlorobutadiene	345	41.6	"	831		41.6	70-130	Low Bias		30	
Hexachlorocyclopentadiene	276	41.6	"	831		33.2	20-160			30	
Hexachloroethane	401	41.6	"	831		48.2	20-160			30	
Indeno(1,2,3-cd)pyrene	479	41.6	"	831		57.6	70-130	Low Bias		30	
Isophorone	455	41.6	"	831		54.8	70-130	Low Bias		30	
Naphthalene	407	41.6	"	831		49.0	70-130	Low Bias		30	
Nitrobenzene	474	41.6	"	831		57.0	70-130	Low Bias		30	
N-nitroso-di-n-propylamine	435	41.6	"	831		52.4	70-130	Low Bias		30	
N-Nitrosodiphenylamine	556	41.6	"	831		67.0	70-130	Low Bias		30	
Pentachlorophenol	277	41.6	"	831		33.3	20-160			30	
Phenanthrene	428	41.6	"	831		51.5	70-130	Low Bias		30	
Phenol	446	41.6	"	831		53.7	20-160			30	
Pyrene	441	41.6	"	831		53.1	70-130	Low Bias		30	
Surrogate: SURR: 2-Fluorophenol	878		"	1660		52.8	30-130				
Surrogate: SURR: Phenol-d5	888		"	1660		53.4	30-130				
Surrogate: SURR: Nitrobenzene-d5	528		"	831		63.6	30-130				
Surrogate: SURR: 2-Fluorobiphenyl	420		"	831		50.6	30-130				
Surrogate: SURR: 2,4,6-Tribromophenol	958		"	1660		57.7	30-130				
Surrogate: SURR: Terphenyl-d14	491		"	831		59.2	30-130				



Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BE11230 - EPA 3546 SVOA											
Matrix Spike (BE11230-MS1)		*Source sample: 21E0875-42 (Comp 16 20210519)					Prepared: 05/24/2021 Analyzed: 05/25/2021				
1,1-Biphenyl	455	87.6	ug/kg dry	875	ND	51.9	70-130	Low Bias		30	
1,2,4,5-Tetrachlorobenzene	384	175	"	875	ND	43.8	70-130	Low Bias		30	
2,3,4,6-Tetrachlorophenol	499	175	"	875	ND	57.0	70-130	Low Bias		30	
2,4,5-Trichlorophenol	422	87.6	"	875	ND	48.2	70-130	Low Bias		30	
2,4,6-Trichlorophenol	358	87.6	"	875	ND	40.9	70-130	Low Bias		30	
2,4-Dichlorophenol	385	87.6	"	875	ND	44.0	70-130	Low Bias		30	
2,4-Dimethylphenol	318	87.6	"	875	ND	36.3	70-130	Low Bias		30	
2,4-Dinitrophenol	114	175	"	875	ND	13.0	20-160	Low Bias		30	
2,4-Dinitrotoluene	428	87.6	"	875	ND	48.9	70-130	Low Bias		30	
2,6-Dinitrotoluene	427	87.6	"	875	ND	48.8	70-130	Low Bias		30	
2-Chloronaphthalene	383	87.6	"	875	ND	43.8	70-130	Low Bias		30	
2-Chlorophenol	395	87.6	"	875	ND	45.1	70-130	Low Bias		30	
2-Methylnaphthalene	457	87.6	"	875	ND	52.2	70-130	Low Bias		30	
2-Methylphenol	382	87.6	"	875	ND	43.7	70-130	Low Bias		30	
2-Nitroaniline	449	175	"	875	ND	51.3	70-130	Low Bias		30	
2-Nitrophenol	457	87.6	"	875	ND	52.2	70-130	Low Bias		30	
3- & 4-Methylphenols	346	87.6	"	875	ND	39.5	20-160			30	
3,3-Dichlorobenzidine	169	87.6	"	875	ND	19.4	70-160	Low Bias		30	
3-Nitroaniline	398	175	"	875	ND	45.4	70-130	Low Bias		30	
4,6-Dinitro-2-methylphenol	242	175	"	875	ND	27.6	70-130	Low Bias		30	
4-Bromophenyl phenyl ether	359	87.6	"	875	ND	41.0	70-130	Low Bias		30	
4-Chloro-3-methylphenol	466	87.6	"	875	ND	53.3	70-130	Low Bias		30	
4-Chloroaniline	270	87.6	"	875	ND	30.9	70-130	Low Bias		30	
4-Chlorophenyl phenyl ether	359	87.6	"	875	ND	41.0	70-130	Low Bias		30	
4-Nitroaniline	436	175	"	875	ND	49.8	70-130	Low Bias		30	
4-Nitrophenol	550	175	"	875	ND	62.8	20-160			30	
Acenaphthene	398	87.6	"	875	ND	45.4	70-130	Low Bias		30	
Acenaphthylene	403	87.6	"	875	ND	46.0	70-130	Low Bias		30	
Acetophenone	480	87.6	"	875	ND	54.9	70-130	Low Bias		30	
Anthracene	451	87.6	"	875	ND	51.5	70-130	Low Bias		30	
Atrazine	495	87.6	"	875	ND	56.6	70-130	Low Bias		30	
Benzaldehyde	483	87.6	"	875	ND	55.1	20-160			30	
Benzo(a)anthracene	532	87.6	"	875	70.7	52.6	70-130	Low Bias		30	
Benzo(a)pyrene	422	87.6	"	875	54.1	42.1	70-130	Low Bias		30	
Benzo(b)fluoranthene	424	87.6	"	875	49.9	42.8	70-130	Low Bias		30	
Benzo(g,h,i)perylene	404	87.6	"	875	ND	46.2	70-130	Low Bias		30	
Benzo(k)fluoranthene	450	87.6	"	875	54.1	45.3	70-130	Low Bias		30	
Benzyl butyl phthalate	508	87.6	"	875	ND	58.1	70-130	Low Bias		30	
Bis(2-chloroethoxy)methane	411	87.6	"	875	ND	47.0	70-130	Low Bias		30	
Bis(2-chloroethyl)ether	452	87.6	"	875	ND	51.6	70-130	Low Bias		30	
Bis(2-chloroisopropyl)ether	438	87.6	"	875	ND	50.1	70-130	Low Bias		30	
Bis(2-ethylhexyl)phthalate	479	87.6	"	875	ND	54.7	70-130	Low Bias		30	
Caprolactam	482	175	"	875	ND	55.0	20-160			30	
Carbazole	447	87.6	"	875	ND	51.0	70-130	Low Bias		30	
Chrysene	536	87.6	"	875	76.3	52.6	70-130	Low Bias		30	
Dibenzo(a,h)anthracene	363	87.6	"	875	ND	41.4	70-130	Low Bias		30	
Dibenzofuran	417	87.6	"	875	ND	47.6	70-130	Low Bias		30	
Diethyl phthalate	420	87.6	"	875	ND	47.9	70-130	Low Bias		30	
Dimethyl phthalate	366	87.6	"	875	ND	41.8	70-130	Low Bias		30	
Di-n-butyl phthalate	436	87.6	"	875	ND	49.8	70-130	Low Bias		30	
Di-n-octyl phthalate	454	87.6	"	875	ND	51.8	70-130	Low Bias		30	



Semivolatile Organic Compounds by GC/MS - Quality Control Data

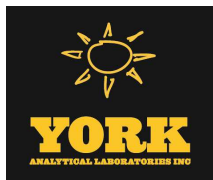
York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
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Batch BE11230 - EPA 3546 SVOA

Matrix Spike (BE11230-MS1)		*Source sample: 21E0875-42 (Comp 16 20210519)					Prepared: 05/24/2021 Analyzed: 05/25/2021				
Fluoranthene	621	87.6	ug/kg dry	875	102	59.3	70-130	Low Bias		30	
Fluorene	425	87.6	"	875	ND	48.6	70-130	Low Bias		30	
Hexachlorobenzene	567	87.6	"	875	ND	64.8	70-130	Low Bias		30	
Hexachlorobutadiene	352	87.6	"	875	ND	40.2	70-130	Low Bias		30	
Hexachlorocyclopentadiene	161	87.6	"	875	ND	18.4	20-160	Low Bias		30	
Hexachloroethane	408	87.6	"	875	ND	46.6	20-160			30	
Indeno(1,2,3-cd)pyrene	394	87.6	"	875	ND	45.0	70-130	Low Bias		30	
Isophorone	456	87.6	"	875	ND	52.1	70-130	Low Bias		30	
Naphthalene	424	87.6	"	875	ND	48.5	70-130	Low Bias		30	
Nitrobenzene	497	87.6	"	875	ND	56.8	70-130	Low Bias		30	
N-nitroso-di-n-propylamine	443	87.6	"	875	ND	50.6	70-130	Low Bias		30	
N-Nitrosodiphenylamine	549	87.6	"	875	ND	62.7	70-130	Low Bias		30	
Pentachlorophenol	195	87.6	"	875	ND	22.3	20-160			30	
Phenanthrene	513	87.6	"	875	49.9	52.9	70-130	Low Bias		30	
Phenol	441	87.6	"	875	ND	50.4	20-160			30	
Pyrene	634	87.6	"	875	119	58.8	70-130	Low Bias		30	
Surrogate: SURR: 2-Fluorophenol	894		"	1750		51.1	30-130				
Surrogate: SURR: Phenol-d5	882		"	1750		50.4	30-130				
Surrogate: SURR: Nitrobenzene-d5	544		"	875		62.2	30-130				
Surrogate: SURR: 2-Fluorobiphenyl	421		"	875		48.1	30-130				
Surrogate: SURR: 2,4,6-Tribromophenol	810		"	1750		46.3	30-130				
Surrogate: SURR: Terphenyl-d14	518		"	875		59.2	30-130				

Matrix Spike Dup (BE11230-MSD1)		*Source sample: 21E0875-42 (Comp 16 20210519)					Prepared: 05/24/2021 Analyzed: 05/25/2021				
1,1-Biphenyl	459	87.6	ug/kg dry	875	ND	52.4	70-130	Low Bias	0.920	30	
1,2,4,5-Tetrachlorobenzene	382	175	"	875	ND	43.6	70-130	Low Bias	0.549	30	
2,3,4,6-Tetrachlorophenol	529	175	"	875	ND	60.5	70-130	Low Bias	5.85	30	
2,4,5-Trichlorophenol	417	87.6	"	875	ND	47.7	70-130	Low Bias	1.00	30	
2,4,6-Trichlorophenol	354	87.6	"	875	ND	40.5	70-130	Low Bias	0.983	30	
2,4-Dichlorophenol	371	87.6	"	875	ND	42.4	70-130	Low Bias	3.70	30	
2,4-Dimethylphenol	325	87.6	"	875	ND	37.1	70-130	Low Bias	2.18	30	
2,4-Dinitrophenol	146	175	"	875	ND	16.7	20-160	Low Bias	24.7	30	
2,4-Dinitrotoluene	452	87.6	"	875	ND	51.6	70-130	Low Bias	5.41	30	
2,6-Dinitrotoluene	443	87.6	"	875	ND	50.6	70-130	Low Bias	3.54	30	
2-Chloronaphthalene	388	87.6	"	875	ND	44.3	70-130	Low Bias	1.27	30	
2-Chlorophenol	371	87.6	"	875	ND	42.3	70-130	Low Bias	6.40	30	
2-Methylnaphthalene	459	87.6	"	875	ND	52.4	70-130	Low Bias	0.306	30	
2-Methylphenol	377	87.6	"	875	ND	43.0	70-130	Low Bias	1.48	30	
2-Nitroaniline	475	175	"	875	ND	54.2	70-130	Low Bias	5.61	30	
2-Nitrophenol	445	87.6	"	875	ND	50.9	70-130	Low Bias	2.48	30	
3- & 4-Methylphenols	350	87.6	"	875	ND	40.0	20-160		1.21	30	
3,3-Dichlorobenzidine	282	87.6	"	875	ND	32.2	70-160	Low Bias	49.9	30	Non-dir.
3-Nitroaniline	394	175	"	875	ND	45.0	70-130	Low Bias	1.06	30	
4,6-Dinitro-2-methylphenol	247	175	"	875	ND	28.2	70-130	Low Bias	2.29	30	
4-Bromophenyl phenyl ether	360	87.6	"	875	ND	41.1	70-130	Low Bias	0.195	30	
4-Chloro-3-methylphenol	469	87.6	"	875	ND	53.6	70-130	Low Bias	0.599	30	
4-Chloroaniline	314	87.6	"	875	ND	35.8	70-130	Low Bias	14.9	30	
4-Chlorophenyl phenyl ether	349	87.6	"	875	ND	39.8	70-130	Low Bias	2.77	30	
4-Nitroaniline	417	175	"	875	ND	47.7	70-130	Low Bias	4.43	30	
4-Nitrophenol	562	175	"	875	ND	64.2	20-160		2.27	30	
Acenaphthene	395	87.6	"	875	ND	45.1	70-130	Low Bias	0.707	30	



Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
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Batch BE11230 - EPA 3546 SVOA

Matrix Spike Dup (BE11230-MSD1)		*Source sample: 21E0875-42 (Comp 16 20210519)					Prepared: 05/24/2021 Analyzed: 05/25/2021				
Acenaphthylene	436	87.6	ug/kg dry	875	ND	49.8	70-130	Low Bias	7.85	30	
Acetophenone	446	87.6	"	875	ND	51.0	70-130	Low Bias	7.41	30	
Anthracene	440	87.6	"	875	ND	50.2	70-130	Low Bias	2.52	30	
Atrazine	482	87.6	"	875	ND	55.0	70-130	Low Bias	2.72	30	
Benzaldehyde	444	87.6	"	875	ND	50.7	20-160		8.31	30	
Benzo(a)anthracene	585	87.6	"	875	70.7	58.7	70-130	Low Bias	9.54	30	
Benzo(a)pyrene	472	87.6	"	875	54.1	47.7	70-130	Low Bias	11.1	30	
Benzo(b)fluoranthene	471	87.6	"	875	49.9	48.1	70-130	Low Bias	10.5	30	
Benzo(g,h,i)perylene	455	87.6	"	875	ND	51.9	70-130	Low Bias	11.7	30	
Benzo(k)fluoranthene	498	87.6	"	875	54.1	50.7	70-130	Low Bias	10.0	30	
Benzyl butyl phthalate	510	87.6	"	875	ND	58.2	70-130	Low Bias	0.275	30	
Bis(2-chloroethoxy)methane	410	87.6	"	875	ND	46.8	70-130	Low Bias	0.341	30	
Bis(2-chloroethyl)ether	454	87.6	"	875	ND	51.8	70-130	Low Bias	0.464	30	
Bis(2-chloroisopropyl)ether	438	87.6	"	875	ND	50.0	70-130	Low Bias	0.160	30	
Bis(2-ethylhexyl)phthalate	497	87.6	"	875	ND	56.7	70-130	Low Bias	3.59	30	
Caprolactam	499	175	"	875	ND	57.0	20-160		3.43	30	
Carbazole	448	87.6	"	875	ND	51.2	70-130	Low Bias	0.313	30	
Chrysene	610	87.6	"	875	76.3	61.0	70-130	Low Bias	12.8	30	
Dibenzo(a,h)anthracene	369	87.6	"	875	ND	42.2	70-130	Low Bias	1.72	30	
Dibenzofuran	422	87.6	"	875	ND	48.2	70-130	Low Bias	1.34	30	
Diethyl phthalate	426	87.6	"	875	ND	48.6	70-130	Low Bias	1.49	30	
Dimethyl phthalate	391	87.6	"	875	ND	44.6	70-130	Low Bias	6.67	30	
Di-n-butyl phthalate	429	87.6	"	875	ND	49.0	70-130	Low Bias	1.62	30	
Di-n-octyl phthalate	466	87.6	"	875	ND	53.3	70-130	Low Bias	2.74	30	
Fluoranthene	737	87.6	"	875	102	72.6	70-130		17.1	30	
Fluorene	428	87.6	"	875	ND	48.9	70-130	Low Bias	0.657	30	
Hexachlorobenzene	541	87.6	"	875	ND	61.8	70-130	Low Bias	4.67	30	
Hexachlorobutadiene	351	87.6	"	875	ND	40.1	70-130	Low Bias	0.398	30	
Hexachlorocyclopentadiene	141	87.6	"	875	ND	16.2	20-160	Low Bias	13.0	30	
Hexachloroethane	395	87.6	"	875	ND	45.1	20-160		3.31	30	
Indeno(1,2,3-cd)pyrene	420	87.6	"	875	ND	48.0	70-130	Low Bias	6.54	30	
Isophorone	462	87.6	"	875	ND	52.7	70-130	Low Bias	1.22	30	
Naphthalene	427	87.6	"	875	ND	48.7	70-130	Low Bias	0.494	30	
Nitrobenzene	500	87.6	"	875	ND	57.1	70-130	Low Bias	0.562	30	
N-nitroso-di-n-propylamine	427	87.6	"	875	ND	48.7	70-130	Low Bias	3.86	30	
N-Nitrosodiphenylamine	513	87.6	"	875	ND	58.6	70-130	Low Bias	6.72	30	
Pentachlorophenol	216	87.6	"	875	ND	24.7	20-160		10.2	30	
Phenanthrene	524	87.6	"	875	49.9	54.1	70-130	Low Bias	2.03	30	
Phenol	448	87.6	"	875	ND	51.1	20-160		1.42	30	
Pyrene	766	87.6	"	875	119	73.9	70-130		18.9	30	
Surrogate: SURR: 2-Fluorophenol	856		"	1750		48.9	30-130				
Surrogate: SURR: Phenol-d5	903		"	1750		51.6	30-130				
Surrogate: SURR: Nitrobenzene-d5	541		"	875		61.8	30-130				
Surrogate: SURR: 2-Fluorobiphenyl	399		"	875		45.5	30-130				
Surrogate: SURR: 2,4,6-Tribromophenol	824		"	1750		47.1	30-130				
Surrogate: SURR: Terphenyl-d14	532		"	875		60.7	30-130				



Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
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Batch BE11317 - EPA 3546 SVOA

Blank (BE11317-BLK1)

Prepared & Analyzed: 05/26/2021

1,1-Biphenyl	ND	41.6	ug/kg wet
1,2,4,5-Tetrachlorobenzene	ND	83.0	"
2,3,4,6-Tetrachlorophenol	ND	83.0	"
2,4,5-Trichlorophenol	ND	41.6	"
2,4,6-Trichlorophenol	ND	41.6	"
2,4-Dichlorophenol	ND	41.6	"
2,4-Dimethylphenol	ND	41.6	"
2,4-Dinitrophenol	ND	83.0	"
2,4-Dinitrotoluene	ND	41.6	"
2,6-Dinitrotoluene	ND	41.6	"
2-Chloronaphthalene	ND	41.6	"
2-Chlorophenol	ND	41.6	"
2-Methylnaphthalene	ND	41.6	"
2-Methylphenol	ND	41.6	"
2-Nitroaniline	ND	83.0	"
2-Nitrophenol	ND	41.6	"
3- & 4-Methylphenols	ND	41.6	"
3,3-Dichlorobenzidine	ND	41.6	"
3-Nitroaniline	ND	83.0	"
4,6-Dinitro-2-methylphenol	ND	83.0	"
4-Bromophenyl phenyl ether	ND	41.6	"
4-Chloro-3-methylphenol	ND	41.6	"
4-Chloroaniline	ND	41.6	"
4-Chlorophenyl phenyl ether	ND	41.6	"
4-Nitroaniline	ND	83.0	"
4-Nitrophenol	ND	83.0	"
Acenaphthene	ND	41.6	"
Acenaphthylene	ND	41.6	"
Acetophenone	ND	41.6	"
Anthracene	ND	41.6	"
Atrazine	ND	41.6	"
Benzaldehyde	ND	41.6	"
Benzo(a)anthracene	ND	41.6	"
Benzo(a)pyrene	ND	41.6	"
Benzo(b)fluoranthene	ND	41.6	"
Benzo(g,h,i)perylene	ND	41.6	"
Benzo(k)fluoranthene	ND	41.6	"
Benzyl butyl phthalate	ND	41.6	"
Bis(2-chloroethoxy)methane	ND	41.6	"
Bis(2-chloroethyl)ether	ND	41.6	"
Bis(2-chloroisopropyl)ether	ND	41.6	"
Bis(2-ethylhexyl)phthalate	ND	41.6	"
Caprolactam	ND	83.0	"
Carbazole	ND	41.6	"
Chrysene	ND	41.6	"
Dibenzo(a,h)anthracene	ND	41.6	"
Dibenzofuran	ND	41.6	"
Diethyl phthalate	ND	41.6	"
Dimethyl phthalate	ND	41.6	"
Di-n-butyl phthalate	ND	41.6	"
Di-n-octyl phthalate	ND	41.6	"



Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
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Batch BE11317 - EPA 3546 SVOA

Blank (BE11317-BLK1)

Prepared & Analyzed: 05/26/2021

Fluoranthene	ND	41.6	ug/kg wet
Fluorene	ND	41.6	"
Hexachlorobenzene	ND	41.6	"
Hexachlorobutadiene	ND	41.6	"
Hexachlorocyclopentadiene	ND	41.6	"
Hexachloroethane	ND	41.6	"
Indeno(1,2,3-cd)pyrene	ND	41.6	"
Isophorone	ND	41.6	"
Naphthalene	ND	41.6	"
Nitrobenzene	ND	41.6	"
N-nitroso-di-n-propylamine	ND	41.6	"
N-Nitrosodiphenylamine	ND	41.6	"
Pentachlorophenol	ND	41.6	"
Phenanthrene	ND	41.6	"
Phenol	ND	41.6	"
Pyrene	ND	41.6	"

Surrogate: SURR: 2-Fluorophenol	1230	"	1660	74.3	30-130
Surrogate: SURR: Phenol-d5	1300	"	1660	78.3	30-130
Surrogate: SURR: Nitrobenzene-d5	655	"	831	78.9	30-130
Surrogate: SURR: 2-Fluorobiphenyl	621	"	831	74.8	30-130
Surrogate: SURR: 2,4,6-Tribromophenol	1350	"	1660	81.1	30-130
Surrogate: SURR: Terphenyl-d14	688	"	831	82.9	30-130

LCS (BE11317-BS1)

Prepared & Analyzed: 05/26/2021

1,1-Biphenyl	576	41.6	ug/kg wet	831	69.3	70-130	Low Bias	30
1,2,4,5-Tetrachlorobenzene	559	83.0	"	831	67.3	70-130	Low Bias	30
2,3,4,6-Tetrachlorophenol	646	83.0	"	831	77.7	70-130		30
2,4,5-Trichlorophenol	532	41.6	"	831	64.0	70-130	Low Bias	30
2,4,6-Trichlorophenol	550	41.6	"	831	66.2	70-130	Low Bias	30
2,4-Dichlorophenol	512	41.6	"	831	61.6	70-130	Low Bias	30
2,4-Dimethylphenol	564	41.6	"	831	67.9	70-130	Low Bias	30
2,4-Dinitrophenol	422	83.0	"	831	50.8	20-160		30
2,4-Dinitrotoluene	631	41.6	"	831	76.0	70-130		30
2,6-Dinitrotoluene	765	41.6	"	831	92.1	70-130		30
2-Chloronaphthalene	502	41.6	"	831	60.5	70-130	Low Bias	30
2-Chlorophenol	545	41.6	"	831	65.6	70-130	Low Bias	30
2-Methylnaphthalene	574	41.6	"	831	69.1	70-130	Low Bias	30
2-Methylphenol	610	41.6	"	831	73.4	70-130		30
2-Nitroaniline	603	83.0	"	831	72.6	70-130		30
2-Nitrophenol	552	41.6	"	831	66.4	70-130	Low Bias	30
3- & 4-Methylphenols	531	41.6	"	831	64.0	20-160		30
3,3-Dichlorobenzidine	512	41.6	"	831	61.7	70-130	Low Bias	30
3-Nitroaniline	545	83.0	"	831	65.6	70-130	Low Bias	30
4,6-Dinitro-2-methylphenol	592	83.0	"	831	71.2	70-130		30
4-Bromophenyl phenyl ether	469	41.6	"	831	56.4	70-130	Low Bias	30
4-Chloro-3-methylphenol	567	41.6	"	831	68.2	70-130	Low Bias	30
4-Chloroaniline	391	41.6	"	831	47.1	70-130	Low Bias	30
4-Chlorophenyl phenyl ether	515	41.6	"	831	62.0	70-130	Low Bias	30
4-Nitroaniline	576	83.0	"	831	69.4	70-130	Low Bias	30
4-Nitrophenol	666	83.0	"	831	80.2	20-160		30
Acenaphthene	518	41.6	"	831	62.4	70-130	Low Bias	30



Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
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Batch BE11317 - EPA 3546 SVOA

LCS (BE11317-BS1)

Prepared & Analyzed: 05/26/2021

Acenaphthylene	526	41.6	ug/kg wet	831		63.3	70-130	Low Bias		30	
Acetophenone	655	41.6	"	831		78.9	70-130			30	
Anthracene	547	41.6	"	831		65.8	70-130	Low Bias		30	
Atrazine	610	41.6	"	831		73.4	70-130			30	
Benzaldehyde	700	41.6	"	831		84.2	20-160			30	
Benzo(a)anthracene	561	41.6	"	831		67.6	70-130	Low Bias		30	
Benzo(a)pyrene	630	41.6	"	831		75.8	70-130			30	
Benzo(b)fluoranthene	573	41.6	"	831		69.0	70-130	Low Bias		30	
Benzo(g,h,i)perylene	756	41.6	"	831		91.1	70-130			30	
Benzo(k)fluoranthene	590	41.6	"	831		71.0	70-130			30	
Benzyl butyl phthalate	600	41.6	"	831		72.2	70-130			30	
Bis(2-chloroethoxy)methane	560	41.6	"	831		67.4	70-130	Low Bias		30	
Bis(2-chloroethyl)ether	585	41.6	"	831		70.4	70-130			30	
Bis(2-chloroisopropyl)ether	1370	41.6	"	831		164	70-130	High Bias		30	
Bis(2-ethylhexyl)phthalate	623	41.6	"	831		75.0	70-130			30	
Caprolactam	701	83.0	"	831		84.4	20-160			30	
Carbazole	549	41.6	"	831		66.1	70-130	Low Bias		30	
Chrysene	595	41.6	"	831		71.6	70-130			30	
Dibenzo(a,h)anthracene	664	41.6	"	831		79.9	70-130			30	
Dibenzofuran	544	41.6	"	831		65.5	70-130	Low Bias		30	
Diethyl phthalate	535	41.6	"	831		64.4	70-130	Low Bias		30	
Dimethyl phthalate	523	41.6	"	831		63.0	70-130	Low Bias		30	
Di-n-butyl phthalate	535	41.6	"	831		64.4	70-130	Low Bias		30	
Di-n-octyl phthalate	648	41.6	"	831		78.0	70-130			30	
Fluoranthene	547	41.6	"	831		65.8	70-130	Low Bias		30	
Fluorene	545	41.6	"	831		65.6	70-130	Low Bias		30	
Hexachlorobenzene	545	41.6	"	831		65.6	70-130	Low Bias		30	
Hexachlorobutadiene	480	41.6	"	831		57.8	70-130	Low Bias		30	
Hexachlorocyclopentadiene	481	41.6	"	831		58.0	20-160			30	
Hexachloroethane	532	41.6	"	831		64.1	20-160			30	
Indeno(1,2,3-cd)pyrene	866	41.6	"	831		104	70-130			30	
Isophorone	574	41.6	"	831		69.2	70-130	Low Bias		30	
Naphthalene	561	41.6	"	831		67.6	70-130	Low Bias		30	
Nitrobenzene	553	41.6	"	831		66.6	70-130	Low Bias		30	
N-nitroso-di-n-propylamine	656	41.6	"	831		79.0	70-130			30	
N-Nitrosodiphenylamine	638	41.6	"	831		76.8	70-130			30	
Pentachlorophenol	437	41.6	"	831		52.6	20-160			30	
Phenanthrene	557	41.6	"	831		67.0	70-130	Low Bias		30	
Phenol	644	41.6	"	831		77.5	20-160			30	
Pyrene	595	41.6	"	831		71.6	70-130			30	
Surrogate: SURR: 2-Fluorophenol	1090		"	1660		65.9	30-130				
Surrogate: SURR: Phenol-d5	1170		"	1660		70.7	30-130				
Surrogate: SURR: Nitrobenzene-d5	563		"	831		67.8	30-130				
Surrogate: SURR: 2-Fluorobiphenyl	519		"	831		62.5	30-130				
Surrogate: SURR: 2,4,6-Tribromophenol	1200		"	1660		72.2	30-130				
Surrogate: SURR: Terphenyl-d14	589		"	831		70.9	30-130				



Semivolatile Organic Compounds by GC/MS/SIM - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
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Batch BE11174 - EPA 3550C

Blank (BE11174-BLK1)

Prepared: 05/24/2021 Analyzed: 05/25/2021

1,4-Dioxane	ND	9.90	ug/kg								
Surrogate: 1,4-Dioxane-d8	297		"	495		60.0	39-127.5				

LCS (BE11174-BS1)

Prepared: 05/24/2021 Analyzed: 05/25/2021

1,4-Dioxane	477	9.90	ug/kg	495		96.4	40-130				
Surrogate: 1,4-Dioxane-d8	277		"	495		56.0	39-127.5				

Matrix Spike (BE11174-MS1)

*Source sample: 21E0769-22 (Matrix Spike)

Prepared & Analyzed: 05/24/2021

1,4-Dioxane	478	9.90	ug/kg	495	ND	96.6	40-130				
Surrogate: 1,4-Dioxane-d8	287		"	495		58.0	40-130				

Matrix Spike Dup (BE11174-MSD1)

*Source sample: 21E0769-22 (Matrix Spike Dup)

Prepared & Analyzed: 05/24/2021

1,4-Dioxane	479	9.90	ug/kg	495	ND	96.8	40-130		0.207	30	
Surrogate: 1,4-Dioxane-d8	307		"	495		62.0	40-130				

Batch BE11313 - EPA 3550C

Blank (BE11313-BLK1)

Prepared & Analyzed: 05/26/2021

1,4-Dioxane	ND	9.90	ug/kg								
Surrogate: 1,4-Dioxane-d8	277		"	495		56.0	39-127.5				

LCS (BE11313-BS1)

Prepared & Analyzed: 05/26/2021

1,4-Dioxane	478	9.90	ug/kg	495		96.6	40-130				
Surrogate: 1,4-Dioxane-d8	297		"	495		60.0	39-127.5				

Matrix Spike (BE11313-MS1)

*Source sample: 21E0875-27 (Comp 1 20210519)

Prepared & Analyzed: 05/26/2021

1,4-Dioxane	495	9.90	ug/kg	495	ND	100	40-130				
Surrogate: 1,4-Dioxane-d8	238		"	495		48.0	40-130				



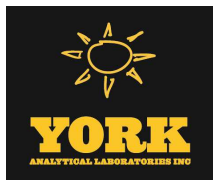
Semivolatile Organic Compounds by GC/MS/SIM - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
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Batch BE11313 - EPA 3550C

Matrix Spike Dup (BE11313-MSD1)		*Source sample: 21E0875-27 (Comp 1 20210519)						Prepared & Analyzed: 05/26/2021			
1,4-Dioxane	495	9.90	ug/kg	495	ND	100	40-130		0.00	30	
Surrogate: 1,4-Dioxane-d8	257		"	495		52.0	40-130				



Organochlorine Pesticides by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
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Batch BE11138 - EPA 3550C

Blank (BE11138-BLK1)

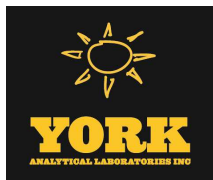
Prepared: 05/21/2021 Analyzed: 05/24/2021

4,4'-DDD	ND	1.64	ug/kg wet								
4,4'-DDE	ND	1.64	"								
4,4'-DDT	ND	1.64	"								
Aldrin	ND	1.64	"								
alpha-BHC	ND	1.64	"								
alpha-Chlordane	ND	1.64	"								
beta-BHC	ND	1.64	"								
delta-BHC	ND	1.64	"								
Dieldrin	ND	1.64	"								
Endosulfan I	ND	1.64	"								
Endosulfan II	ND	1.64	"								
Endosulfan sulfate	ND	1.64	"								
Endrin	ND	1.64	"								
gamma-BHC (Lindane)	ND	1.64	"								
Heptachlor	ND	1.64	"								
Surrogate: Decachlorobiphenyl	64.6		"	66.4		97.2	30-150				
Surrogate: Tetrachloro-m-xylene	56.3		"	66.4		84.8	30-150				

LCS (BE11138-BS1)

Prepared: 05/21/2021 Analyzed: 05/24/2021

4,4'-DDD	35.1	1.64	ug/kg wet	33.2		106	40-140				
4,4'-DDE	24.5	1.64	"	33.2		73.8	40-140				
4,4'-DDT	17.7	1.64	"	33.2		53.4	40-140				
Aldrin	32.1	1.64	"	33.2		96.8	40-140				
alpha-BHC	29.5	1.64	"	33.2		88.8	40-140				
alpha-Chlordane	32.3	1.64	"	33.2		97.4	40-140				
beta-BHC	32.6	1.64	"	33.2		98.0	40-140				
delta-BHC	30.9	1.64	"	33.2		93.0	40-140				
Dieldrin	33.2	1.64	"	33.2		99.8	40-140				
Endosulfan I	40.7	1.64	"	33.2		122	40-140				
Endosulfan II	33.4	1.64	"	33.2		100	40-140				
Endosulfan sulfate	31.3	1.64	"	33.2		94.1	40-140				
Endrin	27.4	1.64	"	33.2		82.5	40-140				
gamma-BHC (Lindane)	30.3	1.64	"	33.2		91.1	40-140				
Heptachlor	34.4	1.64	"	33.2		104	40-140				
Surrogate: Decachlorobiphenyl	68.9		"	66.4		104	30-150				
Surrogate: Tetrachloro-m-xylene	57.5		"	66.4		86.6	30-150				



Organochlorine Pesticides by GC/ECD - Quality Control Data

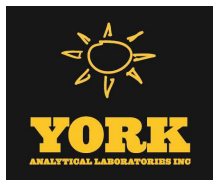
York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
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Batch BE11138 - EPA 3550C

Matrix Spike (BE11138-MS1)		*Source sample: 21E0897-01 (Matrix Spike)					Prepared: 05/21/2021 Analyzed: 05/26/2021				
4,4'-DDD	33.6	2.25	ug/kg dry	45.5	ND	73.9	30-150				
4,4'-DDE	28.9	2.25	"	45.5	ND	63.6	30-150				
4,4'-DDT	22.6	2.25	"	45.5	ND	49.7	30-150				
Aldrin	28.9	2.25	"	45.5	ND	63.5	30-150				
alpha-BHC	26.6	2.25	"	45.5	ND	58.6	30-150				
alpha-Chlordane	37.3	2.25	"	45.5	ND	82.0	30-150				
beta-BHC	29.6	2.25	"	45.5	ND	65.2	30-150				
delta-BHC	24.9	2.25	"	45.5	ND	54.8	30-150				
Dieldrin	34.6	2.25	"	45.5	ND	76.1	30-150				
Endosulfan I	32.7	2.25	"	45.5	ND	72.0	30-150				
Endosulfan II	31.6	2.25	"	45.5	ND	69.5	30-150				
Endosulfan sulfate	29.6	2.25	"	45.5	ND	65.1	30-150				
Endrin	25.5	2.25	"	45.5	ND	56.1	30-150				
gamma-BHC (Lindane)	27.2	2.25	"	45.5	ND	59.8	30-150				
Heptachlor	30.1	2.25	"	45.5	ND	66.2	30-150				
Surrogate: Decachlorobiphenyl	51.3		"	90.9		56.5	30-150				
Surrogate: Tetrachloro-m-xylene	36.3		"	90.9		39.9	30-150				

Matrix Spike Dup (BE11138-MSD1)		*Source sample: 21E0897-01 (Matrix Spike Dup)					Prepared: 05/21/2021 Analyzed: 05/26/2021				
4,4'-DDD	33.8	2.25	ug/kg dry	45.5	ND	74.4	30-150	0.661	30		
4,4'-DDE	28.9	2.25	"	45.5	ND	63.4	30-150	0.158	30		
4,4'-DDT	22.3	2.25	"	45.5	ND	49.1	30-150	1.38	30		
Aldrin	30.0	2.25	"	45.5	ND	66.0	30-150	3.89	30		
alpha-BHC	27.0	2.25	"	45.5	ND	59.4	30-150	1.37	30		
alpha-Chlordane	38.8	2.25	"	45.5	ND	85.3	30-150	3.89	30		
beta-BHC	30.4	2.25	"	45.5	ND	66.8	30-150	2.50	30		
delta-BHC	25.1	2.25	"	45.5	ND	55.3	30-150	0.872	30		
Dieldrin	35.7	2.25	"	45.5	ND	78.6	30-150	3.28	30		
Endosulfan I	34.7	2.25	"	45.5	ND	76.3	30-150	5.83	30		
Endosulfan II	32.4	2.25	"	45.5	ND	71.3	30-150	2.44	30		
Endosulfan sulfate	29.9	2.25	"	45.5	ND	65.8	30-150	1.12	30		
Endrin	25.9	2.25	"	45.5	ND	56.9	30-150	1.56	30		
gamma-BHC (Lindane)	27.8	2.25	"	45.5	ND	61.1	30-150	2.22	30		
Heptachlor	30.5	2.25	"	45.5	ND	67.0	30-150	1.30	30		
Surrogate: Decachlorobiphenyl	51.7		"	90.9		56.8	30-150				
Surrogate: Tetrachloro-m-xylene	36.9		"	90.9		40.5	30-150				



Organochlorine Pesticides by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
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Batch BE11140 - EPA 3550C

Blank (BE11140-BLK1)

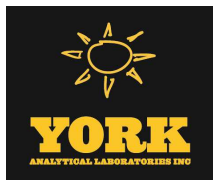
Prepared: 05/21/2021 Analyzed: 05/24/2021

4,4'-DDD	ND	1.64	ug/kg wet								
4,4'-DDE	ND	1.64	"								
4,4'-DDT	ND	1.64	"								
Aldrin	ND	1.64	"								
alpha-BHC	ND	1.64	"								
alpha-Chlordane	ND	1.64	"								
beta-BHC	ND	1.64	"								
delta-BHC	ND	1.64	"								
Dieldrin	ND	1.64	"								
Endosulfan I	ND	1.64	"								
Endosulfan II	ND	1.64	"								
Endosulfan sulfate	ND	1.64	"								
Endrin	ND	1.64	"								
gamma-BHC (Lindane)	ND	1.64	"								
Heptachlor	ND	1.64	"								
Surrogate: Decachlorobiphenyl	67.5		"	66.4		102	30-150				
Surrogate: Tetrachloro-m-xylene	59.1		"	66.4		88.9	30-150				

LCS (BE11140-BS1)

Prepared: 05/21/2021 Analyzed: 05/24/2021

4,4'-DDD	34.0	1.64	ug/kg wet	33.2		102	40-140				
4,4'-DDE	23.1	1.64	"	33.2		69.6	40-140				
4,4'-DDT	15.5	1.64	"	33.2		46.8	40-140				
Aldrin	31.2	1.64	"	33.2		94.0	40-140				
alpha-BHC	28.4	1.64	"	33.2		85.4	40-140				
alpha-Chlordane	31.2	1.64	"	33.2		93.9	40-140				
beta-BHC	31.4	1.64	"	33.2		94.5	40-140				
delta-BHC	29.9	1.64	"	33.2		90.1	40-140				
Dieldrin	32.0	1.64	"	33.2		96.3	40-140				
Endosulfan I	40.2	1.64	"	33.2		121	40-140				
Endosulfan II	32.3	1.64	"	33.2		97.1	40-140				
Endosulfan sulfate	30.3	1.64	"	33.2		91.3	40-140				
Endrin	25.9	1.64	"	33.2		77.9	40-140				
gamma-BHC (Lindane)	29.1	1.64	"	33.2		87.6	40-140				
Heptachlor	32.5	1.64	"	33.2		97.9	40-140				
Surrogate: Decachlorobiphenyl	69.3		"	66.4		104	30-150				
Surrogate: Tetrachloro-m-xylene	59.0		"	66.4		88.7	30-150				



Organochlorine Pesticides by GC/ECD - Quality Control Data

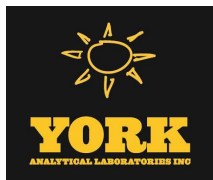
York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
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Batch BE11140 - EPA 3550C

Matrix Spike (BE11140-MS1)		*Source sample: 21E0875-47 (Comp 21 20210519)					Prepared: 05/21/2021 Analyzed: 05/26/2021				
4,4'-DDD	24.5	1.71	ug/kg dry	34.6	ND	70.6	30-150				
4,4'-DDE	19.8	1.71	"	34.6	ND	57.2	30-150				
4,4'-DDT	17.8	1.71	"	34.6	ND	51.4	30-150				
Aldrin	18.6	1.71	"	34.6	ND	53.7	30-150				
alpha-BHC	20.0	1.71	"	34.6	ND	57.6	30-150				
alpha-Chlordane	19.3	1.71	"	34.6	ND	55.7	30-150				
beta-BHC	20.9	1.71	"	34.6	ND	60.3	30-150				
delta-BHC	21.7	1.71	"	34.6	ND	62.7	30-150				
Dieldrin	22.2	1.71	"	34.6	ND	64.0	30-150				
Endosulfan I	21.1	1.71	"	34.6	ND	60.9	30-150				
Endosulfan II	24.1	1.71	"	34.6	ND	69.7	30-150				
Endosulfan sulfate	23.3	1.71	"	34.6	ND	67.2	30-150				
Endrin	23.1	1.71	"	34.6	ND	66.6	30-150				
gamma-BHC (Lindane)	18.3	1.71	"	34.6	ND	52.9	30-150				
Heptachlor	26.3	1.71	"	34.6	ND	75.8	30-150				
Surrogate: Decachlorobiphenyl		54.8	"	69.3		79.1	30-150				
Surrogate: Tetrachloro-m-xylene		34.8	"	69.3		50.2	30-150				

Matrix Spike Dup (BE11140-MSD1)		*Source sample: 21E0875-47 (Comp 21 20210519)					Prepared: 05/21/2021 Analyzed: 05/26/2021				
4,4'-DDD	29.8	1.71	ug/kg dry	34.6	ND	86.1	30-150	19.8	30		
4,4'-DDE	24.6	1.71	"	34.6	ND	70.9	30-150	21.4	30		
4,4'-DDT	19.8	1.71	"	34.6	ND	57.3	30-150	10.8	30		
Aldrin	24.0	1.71	"	34.6	ND	69.3	30-150	25.3	30		
alpha-BHC	23.4	1.71	"	34.6	ND	67.6	30-150	16.0	30		
alpha-Chlordane	28.6	1.71	"	34.6	ND	82.5	30-150	38.8	30	Non-dir.	
beta-BHC	25.8	1.71	"	34.6	ND	74.6	30-150	21.3	30		
delta-BHC	21.7	1.71	"	34.6	ND	62.7	30-150	0.128	30		
Dieldrin	27.2	1.71	"	34.6	ND	78.5	30-150	20.4	30		
Endosulfan I	28.9	1.71	"	34.6	ND	83.6	30-150	31.4	30	Non-dir.	
Endosulfan II	27.9	1.71	"	34.6	ND	80.5	30-150	14.4	30		
Endosulfan sulfate	24.2	1.71	"	34.6	ND	69.8	30-150	3.79	30		
Endrin	23.3	1.71	"	34.6	ND	67.3	30-150	1.03	30		
gamma-BHC (Lindane)	22.9	1.71	"	34.6	ND	66.2	30-150	22.4	30		
Heptachlor	27.6	1.71	"	34.6	ND	79.6	30-150	4.88	30		
Surrogate: Decachlorobiphenyl		51.7	"	69.3		74.7	30-150				
Surrogate: Tetrachloro-m-xylene		36.7	"	69.3		53.0	30-150				



Organochlorine Pesticides by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
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Batch Y1D0212 - BC11630

Performance Mix (Y1D0212-PEM1)

Prepared & Analyzed: 04/01/2021

4,4'-DDD	10.7		ng/mL	0.00			0-200				
4,4'-DDE	0.811		"	0.00			0-200				
4,4'-DDT	247		"	200		123	0-200				
Endrin	129		"	100		129	0-200				

Batch Y1E2525 - BE10937

Performance Mix (Y1E2525-PEM1)

Prepared & Analyzed: 05/24/2021

4,4'-DDD	12.0		ng/mL	0.00			0-200				
4,4'-DDE	1.74		"	0.00			0-200				
4,4'-DDT	240		"	200		120	0-200				
Endrin	129		"	100		129	0-200				

Batch Y1E2617 - BE10937

Performance Mix (Y1E2617-PEM1)

Prepared & Analyzed: 05/25/2021

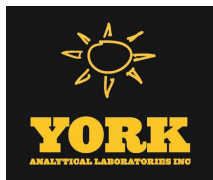
4,4'-DDD	14.7		ng/mL	0.00			0-200				
4,4'-DDE	1.62		"	0.00			0-200				
4,4'-DDT	250		"	200		125	0-200				
Endrin	131		"	100		131	0-200				

Batch Y1E2717 - BE10937

Performance Mix (Y1E2717-PEM1)

Prepared & Analyzed: 05/26/2021

4,4'-DDD	21.8		ng/mL	0.00			0-200				
4,4'-DDE	2.53		"	0.00			0-200				
4,4'-DDT	247		"	200		124	0-200				
Endrin	144		"	100		144	0-200				



Polychlorinated Biphenyls by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
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Batch BE11138 - EPA 3550C

Blank (BE11138-BLK2)

Prepared: 05/21/2021 Analyzed: 05/24/2021

Aroclor 1016	ND	0.0166	mg/kg wet								
Aroclor 1221	ND	0.0166	"								
Aroclor 1232	ND	0.0166	"								
Aroclor 1242	ND	0.0166	"								
Aroclor 1248	ND	0.0166	"								
Aroclor 1254	ND	0.0166	"								
Aroclor 1260	ND	0.0166	"								
Total PCBs	ND	0.0166	"								
Surrogate: Tetrachloro-m-xylene	0.0561		"	0.0664		84.5	30-120				
Surrogate: Decachlorobiphenyl	0.0382		"	0.0664		57.5	30-120				

LCS (BE11138-BS2)

Prepared: 05/21/2021 Analyzed: 05/24/2021

Aroclor 1016	0.317	0.0166	mg/kg wet	0.332		95.5	40-130				
Aroclor 1260	0.287	0.0166	"	0.332		86.4	40-130				
Surrogate: Tetrachloro-m-xylene	0.0568		"	0.0664		85.5	30-120				
Surrogate: Decachlorobiphenyl	0.0375		"	0.0664		56.5	30-120				

Batch BE11140 - EPA 3550C

Blank (BE11140-BLK2)

Prepared: 05/21/2021 Analyzed: 05/24/2021

Aroclor 1016	ND	0.0166	mg/kg wet								
Aroclor 1221	ND	0.0166	"								
Aroclor 1232	ND	0.0166	"								
Aroclor 1242	ND	0.0166	"								
Aroclor 1248	ND	0.0166	"								
Aroclor 1254	ND	0.0166	"								
Aroclor 1260	ND	0.0166	"								
Total PCBs	ND	0.0166	"								
Surrogate: Tetrachloro-m-xylene	0.0578		"	0.0664		87.0	30-120				
Surrogate: Decachlorobiphenyl	0.0339		"	0.0664		51.0	30-120				



Polychlorinated Biphenyls by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
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Batch BE11140 - EPA 3550C

LCS (BE11140-BS2)

Prepared: 05/21/2021 Analyzed: 05/24/2021

Aroclor 1016	0.312	0.0166	mg/kg wet	0.332		93.8	40-130				
Aroclor 1260	0.290	0.0166	"	0.332		87.2	40-130				
Surrogate: Tetrachloro-m-xylene	0.0598		"	0.0664		90.0	30-120				
Surrogate: Decachlorobiphenyl	0.0412		"	0.0664		62.0	30-120				

Batch Y1E2427 - BE11140

Aroclor Reference (Y1E2427-ARC1)

Prepared & Analyzed: 05/24/2021

Surrogate: Tetrachloro-m-xylene	0.217		ug/mL	0.200		108					
Surrogate: Decachlorobiphenyl	0.184		"	0.200		92.0					



Chlorinated Herbicides by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
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Batch BE11253 - EPA 3550C/8151A

Blank (BE11253-BLK1)

Prepared & Analyzed: 05/25/2021

2,4,5-TP (Silvex)	ND	19.9	ug/kg wet								
Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)	358		"	415		86.2	21-150				

LCS (BE11253-BS1)

Prepared & Analyzed: 05/25/2021

2,4,5-TP (Silvex)	98.8	19.9	ug/kg wet	133		74.4	10-120				
Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)	373		"	415		89.8	21-150				

Matrix Spike (BE11253-MS1)

*Source sample: 21E1010-03 (Matrix Spike)

Prepared & Analyzed: 05/25/2021

2,4,5-TP (Silvex)	65.8	20.0	ug/kg dry	133	ND	49.4	10-120				
Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)	264		"	417		63.4	21-150				

Matrix Spike Dup (BE11253-MSD1)

*Source sample: 21E1010-03 (Matrix Spike Dup)

Prepared & Analyzed: 05/25/2021

2,4,5-TP (Silvex)	71.7	20.0	ug/kg dry	133	ND	53.8	10-120		8.48	35	
Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)	285		"	417		68.4	21-150				

Batch BE11312 - EPA 3550C/8151A

Blank (BE11312-BLK1)

Prepared & Analyzed: 05/26/2021

2,4,5-TP (Silvex)	ND	19.9	ug/kg wet								
Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)	360		"	415		86.6	21-150				

LCS (BE11312-BS1)

Prepared & Analyzed: 05/26/2021

2,4,5-TP (Silvex)	98.8	19.9	ug/kg wet	133		74.4	10-120				
Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)	373		"	415		89.8	21-150				

Matrix Spike (BE11312-MS1)

*Source sample: 21E0875-41 (Comp 15 20210519)

Prepared: 05/26/2021 Analyzed: 05/27/2021

2,4,5-TP (Silvex)	25.1	20.8	ug/kg dry	138	ND	18.1	10-120				
Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)	106		"	433		24.6	21-150				



Chlorinated Herbicides by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
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Batch BE11312 - EPA 3550C/8151A

Matrix Spike Dup (BE11312-MSD1)	*Source sample: 21E0875-41 (Comp 15 20210519)						Prepared: 05/26/2021 Analyzed: 05/27/2021				
2,4,5-TP (Silvex)	25.1	20.8	ug/kg dry	138	ND	18.1	10-120		0.00	35	
Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)	110		"	433		25.4	21-150				



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

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
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Batch BE11425 - EPA 3050B

Blank (BE11425-BLK1)

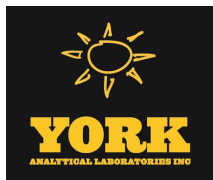
Prepared: 05/27/2021 Analyzed: 05/28/2021

Arsenic	ND	1.50	mg/kg wet
Barium	ND	2.50	"
Beryllium	ND	0.050	"
Cadmium	ND	0.300	"
Chromium	ND	0.500	"
Copper	ND	2.00	"
Lead	ND	0.500	"
Manganese	ND	0.500	"
Nickel	ND	1.00	"
Selenium	ND	2.50	"
Silver	ND	0.500	"
Zinc	ND	2.50	"

Reference (BE11425-SRM1)

Prepared: 05/27/2021 Analyzed: 05/28/2021

Arsenic	137	1.50	mg/kg wet	162	84.5	70.1-129.8
Barium	125	2.50	"	138	90.5	75-125
Beryllium	135	0.050	"	157	85.7	75-125.2
Cadmium	114	0.300	"	135	84.7	74.8-125.2
Chromium	99.3	0.500	"	117	84.9	70.1-129.9
Copper	134	2.00	"	143	93.5	75.3-125.3
Lead	62.5	0.500	"	77.6	80.5	70-130
Manganese	328	0.500	"	319	103	78.1-122
Nickel	76.4	1.00	"	79.9	95.6	70.1-130.1
Selenium	124	2.50	"	172	72.1	55.7-144.5
Silver	20.5	0.500	"	24.7	82.9	69.2-130.8
Zinc	260	2.50	"	312	83.4	69.9-130.1



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

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
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Batch BE11448 - EPA 3050B

Blank (BE11448-BLK1)

Prepared: 05/27/2021 Analyzed: 05/28/2021

Arsenic	ND	1.50	mg/kg wet
Barium	ND	2.50	"
Beryllium	ND	0.050	"
Cadmium	ND	0.300	"
Chromium	ND	0.500	"
Copper	ND	2.00	"
Lead	ND	0.500	"
Manganese	ND	0.500	"
Nickel	ND	1.00	"
Selenium	ND	2.50	"
Silver	ND	0.500	"
Zinc	ND	2.50	"

Duplicate (BE11448-DUP1)

*Source sample: 21E0875-46 (Comp 20 20210519)

Prepared: 05/27/2021 Analyzed: 05/28/2021

Arsenic	5.18	1.57	mg/kg dry	5.92	13.3	35
Barium	77.0	2.61	"	75.1	2.54	35
Beryllium	0.153	0.052	"	ND		35
Cadmium	0.346	0.313	"	ND		35
Chromium	17.4	0.522	"	15.7	10.5	35
Copper	34.7	2.09	"	37.4	7.54	35
Lead	32.8	0.522	"	37.3	12.7	35
Manganese	693	0.522	"	718	3.61	35
Nickel	22.9	1.04	"	21.3	7.00	35
Selenium	ND	2.61	"	ND		35
Silver	ND	0.522	"	ND		35
Zinc	74.9	2.61	"	69.4	7.63	35

Matrix Spike (BE11448-MS1)

*Source sample: 21E0875-46 (Comp 20 20210519)

Prepared: 05/27/2021 Analyzed: 05/28/2021

Arsenic	178	1.57	mg/kg dry	209	5.92	82.3	75-125
Barium	255	2.61	"	209	75.1	86.4	75-125
Beryllium	4.62	0.052	"	5.22	ND	88.5	75-125
Cadmium	4.68	0.313	"	5.22	ND	89.6	75-125
Chromium	34.6	0.522	"	20.9	15.7	90.8	75-125
Copper	58.2	2.09	"	26.1	37.4	79.9	75-125
Lead	81.4	0.522	"	52.2	37.3	84.5	75-125
Manganese	778	0.522	"	52.2	718	115	75-125
Nickel	70.5	1.04	"	52.2	21.3	94.2	75-125
Selenium	144	2.61	"	209	ND	68.9	75-125 Low Bias
Silver	2.08	0.522	"	5.22	ND	39.9	75-125 Low Bias
Zinc	121	2.61	"	52.2	69.4	98.8	75-125



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

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
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Batch BE11448 - EPA 3050B

Post Spike (BE11448-PS1)		*Source sample: 21E0875-46 (Comp 20 20210519)					Prepared: 05/27/2021 Analyzed: 05/28/2021				
Arsenic	2.00		ug/mL	2.00	0.057	97.0	75-125				
Barium	2.75		"	2.00	0.720	101	75-125				
Beryllium	0.050		"	0.0500	-0.0003	100	75-125				
Cadmium	0.050		"	0.0500	0.003	95.8	75-125				
Chromium	0.340		"	0.200	0.150	94.9	75-125				
Copper	0.674		"	0.250	0.358	126	75-125	High Bias			
Lead	0.815		"	0.500	0.357	91.5	75-125				
Manganese	7.24		"	0.500	6.88	70.9	75-125	Low Bias			
Nickel	0.714		"	0.500	0.205	102	75-125				
Selenium	1.69		"	2.00	-0.068	84.7	75-125				
Silver	0.049		"	0.0500	-0.008	98.3	75-125				
Zinc	1.09		"	0.500	0.665	84.3	75-125				

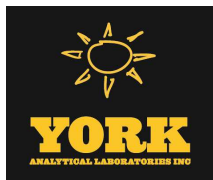
Reference (BE11448-SRM1)							Prepared: 05/27/2021 Analyzed: 05/28/2021				
Arsenic	155	1.50	mg/kg wet	162		95.7	70.1-129.8				
Barium	140	2.50	"	138		101	75-125				
Beryllium	160	0.050	"	157		102	75-125.2				
Cadmium	135	0.300	"	135		100	74.8-125.2				
Chromium	117	0.500	"	117		100	70.1-129.9				
Copper	148	2.00	"	143		104	75.3-125.3				
Lead	72.6	0.500	"	77.6		93.6	70-130				
Manganese	332	0.500	"	319		104	78.1-122				
Nickel	91.3	1.00	"	79.9		114	70.1-130.1				
Selenium	145	2.50	"	172		84.1	55.7-144.5				
Silver	22.9	0.500	"	24.7		92.9	69.2-130.8				
Zinc	306	2.50	"	312		98.0	69.9-130.1				



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

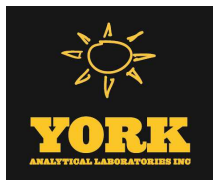
York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BE11441 - EPA 7473 soil											
Blank (BE11441-BLK1)											
										Prepared & Analyzed: 05/27/2021	
Mercury	ND	0.0300	mg/kg wet								
Duplicate (BE11441-DUP1)											
*Source sample: 21E0861-01 (Duplicate)										Prepared & Analyzed: 05/27/2021	
Mercury	0.169	0.0328	mg/kg dry		0.192				12.5	35	
Matrix Spike (BE11441-MS1)											
*Source sample: 21E0861-01 (Matrix Spike)										Prepared & Analyzed: 05/27/2021	
Mercury	0.550		mg/kg	0.500	0.175	74.9	75-125	Low Bias			
Reference (BE11441-SRM1)											
										Prepared & Analyzed: 05/27/2021	
Mercury	24.077		mg/kg	27.2		88.5	59.9-140.1				
Batch BE11453 - EPA 7473 soil											
Blank (BE11453-BLK1)											
										Prepared & Analyzed: 05/27/2021	
Mercury	ND	0.0300	mg/kg wet								
Duplicate (BE11453-DUP1)											
*Source sample: 21E0875-46 (Comp 20 20210519)										Prepared: 05/27/2021 Analyzed: 05/28/2021	
Mercury	ND	0.0313	mg/kg dry		0.0668					35	
Matrix Spike (BE11453-MS1)											
*Source sample: 21E0875-46 (Comp 20 20210519)										Prepared: 05/27/2021 Analyzed: 05/28/2021	
Mercury	0.341		mg/kg	0.500	0.0640	55.5	75-125	Low Bias			
Reference (BE11453-SRM1)											
										Prepared & Analyzed: 05/27/2021	
Mercury	25.477		mg/kg	27.2		93.7	59.9-140.1				



Wet Chemistry Parameters - Quality Control Data
York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BE11094 - EPA SW846-3060											
Blank (BE11094-BLK1)											
										Prepared & Analyzed: 05/21/2021	
Chromium, Hexavalent	ND	0.500	mg/kg wet								
Duplicate (BE11094-DUP1)											
*Source sample: 21E0875-42 (Comp 16 20210519)										Prepared & Analyzed: 05/21/2021	
Chromium, Hexavalent	ND	0.527	mg/kg dry		ND					35	
Matrix Spike (BE11094-MS1)											
*Source sample: 21E0875-42 (Comp 16 20210519)										Prepared & Analyzed: 05/21/2021	
Chromium, Hexavalent	5.27	0.527	mg/kg dry	21.1	ND	25.0	75-125	Low Bias			
Matrix Spike (BE11094-MS2)											
*Source sample: 21E0875-42 (Comp 16 20210519)										Prepared & Analyzed: 05/21/2021	
Chromium, Hexavalent	8.31	0.527	mg/kg dry	21.1	ND	39.4	75-125	Low Bias			
Reference (BE11094-SRM1)											
										Prepared & Analyzed: 05/21/2021	
Chromium, Hexavalent	63.2		mg/L	109		58.0	30-169.7				
Batch BE11135 - Analysis Preparation Soil											
Blank (BE11135-BLK1)											
										Prepared & Analyzed: 05/21/2021	
Cyanide, total	ND	0.500	mg/kg wet								
Duplicate (BE11135-DUP1)											
*Source sample: 21E0875-41 (Comp 15 20210519)										Prepared & Analyzed: 05/21/2021	
Cyanide, total	ND	0.521	mg/kg dry		ND					15	
Matrix Spike (BE11135-MS1)											
*Source sample: 21E0875-41 (Comp 15 20210519)										Prepared & Analyzed: 05/21/2021	
Cyanide, total	7.63	0.521	mg/kg dry	10.4	ND	73.2	79.6-107	Low Bias			
Reference (BE11135-SRM1)											
										Prepared & Analyzed: 05/21/2021	
Cyanide, total	95.1		ug/mL	91.9		103	42.22-159.96				



Wet Chemistry Parameters - Quality Control Data
York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	Limit	Flag
Batch BE11141 - EPA SW846-3060											
Blank (BE11141-BLK1)								Prepared & Analyzed: 05/21/2021			
Chromium, Hexavalent	ND	0.500	mg/kg wet								
Duplicate (BE11141-DUP1)								Prepared & Analyzed: 05/21/2021			
Chromium, Hexavalent	ND	0.548	mg/kg dry		ND					35	
Matrix Spike (BE11141-MS1)								Prepared & Analyzed: 05/21/2021			
Chromium, Hexavalent	10.2	0.548	mg/kg dry	21.9	ND	46.4	75-125	Low Bias			
Reference (BE11141-SRM1)								Prepared & Analyzed: 05/21/2021			
Chromium, Hexavalent	56.5		mg/L	109		51.9	30-169.7				
Batch BE11172 - Analysis Preparation Soil											
Blank (BE11172-BLK1)								Prepared & Analyzed: 05/24/2021			
Cyanide, total	ND	0.500	mg/kg wet								
Duplicate (BE11172-DUP1)								Prepared & Analyzed: 05/24/2021			
Cyanide, total	ND	0.538	mg/kg dry		ND					15	
Matrix Spike (BE11172-MS1)								Prepared & Analyzed: 05/24/2021			
Cyanide, total	6.68	0.538	mg/kg dry	10.8	ND	62.1	79.6-107	Low Bias			
Reference (BE11172-SRM1)								Prepared & Analyzed: 05/24/2021			
Cyanide, total	92.6		ug/mL	91.9		101	42.22-159.96				



Miscellaneous Physical Parameters - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
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Batch BE11102 - % Solids Prep

Duplicate (BE11102-DUP1)	*Source sample: 21E0926-02 (Duplicate)						Prepared & Analyzed: 05/21/2021				
% Solids	92.6	0.100	%		92.9				0.327	20	

Batch BE11103 - % Solids Prep

Duplicate (BE11103-DUP1)	*Source sample: 21E0875-24 (Grab 24 20210519)						Prepared & Analyzed: 05/21/2021				
% Solids	99.1	0.100	%		98.6				0.520	20	

Batch BE11104 - % Solids Prep

Duplicate (BE11104-DUP1)	*Source sample: 21E0875-43 (Comp 17 20210519)						Prepared & Analyzed: 05/21/2021				
% Solids	96.4	0.100	%		94.8				1.62	20	

Batch BE11105 - % Solids Prep

Duplicate (BE11105-DUP1)	*Source sample: 21E0886-16 (Duplicate)						Prepared & Analyzed: 05/21/2021				
% Solids	89.9	0.100	%		91.2				1.46	20	



Volatile Analysis Sample Containers

Lab ID	Client Sample ID	Volatile Sample Container
21E0875-01	Grab 1 20210519	40mL Vial with Stir Bar-Cool 4° C
21E0875-02	Grab 2 20210519	40mL Vial with Stir Bar-Cool 4° C
21E0875-03	Grab 3 20210519	40mL Vial with Stir Bar-Cool 4° C
21E0875-04	Grab 4 20210519	40mL Vial with Stir Bar-Cool 4° C
21E0875-05	Grab 5 20210519	40mL Vial with Stir Bar-Cool 4° C
21E0875-06	Grab 6 20210519	40mL Vial with Stir Bar-Cool 4° C
21E0875-07	Grab 7 20210519	40mL Vial with Stir Bar-Cool 4° C
21E0875-08	Grab 8 20210519	40mL Vial with Stir Bar-Cool 4° C
21E0875-09	Grab 9 20210519	40mL Vial with Stir Bar-Cool 4° C
21E0875-10	Grab 10 20210519	40mL Vial with Stir Bar-Cool 4° C
21E0875-11	Grab 11 20210519	40mL Vial with Stir Bar-Cool 4° C
21E0875-12	Grab 12 20210519	40mL Vial with Stir Bar-Cool 4° C
21E0875-13	Grab 13 20210519	40mL Vial with Stir Bar-Cool 4° C
21E0875-14	Grab 14 20210519	40mL Vial with Stir Bar-Cool 4° C
21E0875-15	Grab 15 20210519	40mL Vial with Stir Bar-Cool 4° C
21E0875-16	Grab 16 20210519	40mL Vial with Stir Bar-Cool 4° C
21E0875-17	Grab 17 20210519	40mL Vial with Stir Bar-Cool 4° C
21E0875-18	Grab 18 20210519	40mL Vial with Stir Bar-Cool 4° C
21E0875-19	Grab 19 20210519	40mL Vial with Stir Bar-Cool 4° C
21E0875-20	Grab 20 20210519	40mL Vial with Stir Bar-Cool 4° C
21E0875-21	Grab 21 20210519	40mL Vial with Stir Bar-Cool 4° C
21E0875-22	Grab 22 20210519	40mL Vial with Stir Bar-Cool 4° C
21E0875-23	Grab 23 20210519	40mL Vial with Stir Bar-Cool 4° C
21E0875-24	Grab 24 20210519	40mL Vial with Stir Bar-Cool 4° C
21E0875-25	Grab 25 20210519	40mL Vial with Stir Bar-Cool 4° C
21E0875-26	Grab 26 20210519	40mL Vial with Stir Bar-Cool 4° C

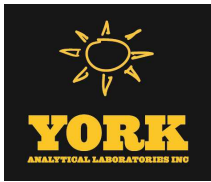


Sample and Data Qualifiers Relating to This Work Order

QR-02	The RPD result exceeded the QC control limits; however, both percent recoveries were acceptable. Sample results for the QC batch were accepted based on percent recoveries and completeness of QC data.
QM-07	The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery.
QL-02	This LCS analyte is outside Laboratory Recovery limits due the analyte behavior using the referenced method. The reference method has certain limitations with respect to analytes of this nature.
M-SRD1	The serial dilution for this element was outside control limits.
M-SPKM	The spike recovery is not within acceptance windows due to sample non-homogeneity, or matrix interference.
M-CRL	The RL check for this element recovered outside of control limits.
J	Detected below the Reporting Limit but greater than or equal to the Method Detection Limit (MDL/LOD) or in the case of a TIC, the result is an estimated concentration.
CCV-H	The value reported is estimated due to its behavior during continuing calibration verification (>20% difference for average RF or >20% drift for linear or quadratic fit.) This value may be biased high.
CCV-E	The value reported is ESTIMATED. The value is estimated due to its behavior during continuing calibration verification (>20% Difference for average Rf or >20% Drift for quadratic fit).

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.



York Analytical Laboratories, Inc.
120 Research Drive
Stratford, CT 06615
clientservices@yorklab.com
www.yorklab.com



Field Chain-of-Custody Record

YORK Project No.
21E0875

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Page 1 of 9

YOUR INFORMATION		Report To:		Invoice To:		YOUR Project Number		Turn-Around Time	
Company:	PVE Engineering	Company:		Company:		560909		RUSH - Next Day	
Address:	48 Spring Side Avenue	Address:		Address:	Same	YOUR Project Name		RUSH - Two Day	
Phone:	845-454-1263	Phone:		Phone:		560909 - Onekel		RUSH - Three Day	
Contact:	Trevor Trejlio	Contact:	Conor Tachell	Contact:	Tara Alvarado	560909 - Onekel		RUSH - Four Day	
E-mail:	ttrejlio@pve-llc.com	E-mail:	ctachell@pve-llc.com	E-mail:	TAlvarado@pve-llc.com	YOUR PO#: 560909 Clean Fill		Standard (5-7 Day) X	
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) Trevor Trejlio		S - soil / solid		New York		CT RCP		Compared to the following Regulation(s): (please fill in)	
		GW - groundwater		New Jersey		CT RCP DQA/DUE			
		DW - drinking water		Connecticut		NY ASP A Package			
		WW - wastewater		Pennsylvania		NY ASP B Package			
		O - Oil ; Other		Other		NJDEP SRP HazSite			
						Other:			
Sample Identification		Sample Matrix		Date/Time Sampled		Analysis Requested		Container Description	
Grab 1 20210519		S		5/19/21 10:30		Part 375 VOCs		• 1-5035 Kit	
Grab 2 20210519				/ 10:35				(each)	
Grab 3 20210519				/ 10:40					
Grab 4 20210519				/ 10:45					
Grab 5 20210519				/ 10:50					
Grab 6 20210519				/ 10:55					
Grab 7 20210519				/ 10:50					
Grab 8 20210519				/ 11:05					
Grab 9 20210519				/ 11:10					
Grab 10 20210519				/ 11:15					
Comments:		Preservation: (check all that apply)		HCl MeOH HNO3 H2SO4 NaOH ZnAc		Field Filtered		Special Instruction	
		Ascorbic Acid Other:				Lab to Filter			
Relinquished by / Company		Date/Time		Samples Relinquished by / Company		Date/Time			
PVE		5-20-21 9:15		Chute		5-20-21 14:50			
Relinquished by / Company		Date/Time		Samples Relinquished by / Company		Date/Time			
Relinquished by / Company		Date/Time		Samples Received in Lab by		Date/Time		Temp. Received at Lab	
				Michael Kimb		5/20/21 14:50		5.7	



York Analytical Laboratories, Inc.
120 Research Drive
Stratford, CT 06615
clientservices@yorklab.com
www.yorklab.com



Field Chain-of-Custody Record

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YORK Project No. 21E0875		Page 2 of 2	
YOUR Information		Report To:	
Company: PVC Engineering	Company:	Company:	
Address: 98 Springdale Avenue	Address:	Address:	
Phone: 845-454-2344	Phone:	Phone:	
Contact: Trevor Treglia	Contact:	Contact:	
E-mail: treglia@pvc-engineering.com	E-mail:	E-mail:	
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.		Report / EDD Type (circle selections)	
Matrix Codes		Report	
S - soil / solid		Summary Report	
GW - groundwater		QA Report	
DW - drinking water		NY ASP A Package	
WW - wastewater		NY ASP B Package	
O - Oil ; Other		Other:	
Sample Identification		Analysis Requested	
Grab 11	20210519	Port 375 VOCs	
Grab 12	20210519		
Grab 13	20210519		
Grab 14	20210519		
Grab 15	20210519		
Grab 16	20210519		
Grab 17	20210519		
Grab 18	20210519		
Grab 19	20210519		
Grab 20	20210519		
Comments:		Preservation: (check all that apply)	
		HCl ___ MeOH ___ HNO ₃ ___ H ₂ SO ₄ ___ NaOH ___ ZnAc ___	
		Ascorbic Acid ___ Other: ___	
Relinquished by / Company		Samples Relinquished by / Company	
Date/Time: 5-20-21 9:15		Date/Time: 5-20-21 9:15	
Received by / Company		Samples Received by / Company	
Date/Time: 5-20-21 14:50		Date/Time: 5-20-21 14:50	
Relinquished by / Company		Samples Received in LAB by	
Date/Time: 5-20-21 14:50		Date/Time: 5-20-21 14:50	
Temp. Received at Lab		Temp. Received at Lab	
5.7		5.7	



York Analytical Laboratories, Inc.
120 Research Drive
Stratford, CT 06615
clientservices@yorklab.com
www.yorklab.com

Field Chain-of-Custody Record

YORK Project No. 5280918

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YOUR INFORMATION			Report To:		Invoice To:		YOUR Project Number		Turn-Around Time				
Company:	PRE Engineering		Company:			Company:	560909		RUSH - Next Day				
Address:	48 Spring Lake Avenue		Address:			Address:	YOUR Project Name		RUSH - Two Day				
Phone:	845-454-4344		Phone:	Same		Phone:	560909 - oneke		RUSH - Three Day				
Contact:	Trevor Treglio		Contact:	Conor Torbell		Contact:	Tara Alvarado		RUSH - Four Day				
E-mail:	ttreglio@prellc.com		E-mail:	Charbel@prellc.com		E-mail:	talvarado@prellc.com		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.				
			S - soil / solid GW - groundwater DW - drinking water WW - wastewater O - Oil ; Other	X	New York New Jersey Connecticut Pennsylvania Other	Summary Report QA Report NY ASP A Package NY ASP B Package	CT RCP CT RCP DQA/DUE NJDEP Reduced Deliverables NJDEP SRP HazSite Other:	Compared to the following Regulation(s): (please fill in)					
Samples Collected by: (print your name above and sign below)			Sample Matrix		Date/Time Sampled		Analysis Requested		Container Description				
Trevor Treglio			S		5/12/12 12:10		Part 375 VOCs		1 - 5035 kit (each)				
[Signature]					/ 12:15								
					/ 12:20								
					/ 12:25								
					/ 12:30								
					/ 12:35								
Comments:										Preservation: (check all that apply)		Special Instruction	
										HCl MeOH HNO3 H2SO4 NaOH ZnAc		Field Filtered Lab to Filter	
Relinquished by / Company			Samples Received by / Company		Date/Time		Samples Relinquished by / Company		Date/Time				
PRE			Chic		5-20-21 9:15		Chic		5-20-21 14:50				
Received by / Company			Samples Relinquished by / Company		Date/Time		Samples Received by / Company		Date/Time				
Relinquished by / Company			Samples Received by / Company		Date/Time		Samples Relinquished by / Company		Date/Time				



York Analytical Laboratories, Inc.
120 Research Drive 132-02 89th Ave
Stratford, CT 06615 Queens, NY 11418
clientservices@yorklab.com
www.yorklab.com

Field Chain-of-Custody Record

YORK Project No.

2150875

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YOUR Information			Report To:		Invoice To:		YOUR Project Number		Turn-Around Time	
Company:		Company:							RUSH - Next Day	
Address:		Address:							RUSH - Two Day	
Phone:		Phone:							RUSH - Three Day	
Contact:		Contact:							RUSH - Four Day	
E-mail:		E-mail:							Standard (5-7 Day)	
PVC Engineering 48 Spring Side Avenue Poughkeepsie, NY 12603 845-454-2544 ttraglia@pvc.com ttraglia@pvc.com			Same		Same		560909		YOUR Project Name	
Ttraglia Samples Collected by: (print your name above and sign below)			Lanor Torbell ctorkelle@pvc.com		Tara Alvarado t.alvarado@pvc.com		560909		560909 clean fill	
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.	
			S - soil / solid		New York		CT RCP		Compared to the following Regulation(s): (please fill in)	
			GW - groundwater		New Jersey		CT RCP DQA/DUE			
			DW - drinking water		Connecticut		NJDEP Reduced Deliverables			
			WW - wastewater		Pennsylvania		NJDEP SRP HazSite			
			O - Oil ; Other		Other		NJDKQP			
Sample Identification			Sample Matrix		Date/Time Sampled		Analysis Requested		Container Description	
Comp 1 20210519			S		5/19/21/11:00		Post 375 SVCS, Inorganics, PCBs, Pesticides, Herbicides, Metals, AND 1,4-Dioxane		2-8oz Jar (each)	
Comp 2 20210519					/ 11:35					
Comp 3 20210519					/ 11:40					
Comp 4 20210519					/ 11:45					
Comp 5 20210519					/ 10:50					
Comp 6 20210519					/ 10:55					
Comp 7 20210519					/ 11:05					
Comp 8 20210519					/ 11:15					
Comp 9 20210519					/ 11:35					
Comp 10 20210519					/ 11:45					
Comments:							Preservation: (check all that apply)		Special Instruction	
			HCl MeOH HNO3 H2SO4 NaOH ZnAc						Field Filtered Lab to Filter	
Relinquished by / Company			Date/Time		Samples Relinquished by / Company		Date/Time		Date/Time	
PVC			5-20-21 9:05		Chute		5-20-21 9:05		5-20-21 14:50	
Received by / Company			Date/Time		Samples Received by / Company		Date/Time		Date/Time	
Relinquished by / Company			Date/Time		Samples Relinquished by / Company		Date/Time		Date/Time	



YORK
ANALYTICAL LABORATORIES, INC.

York Analytical Laboratories, Inc.
120 Research Drive
Stratford, CT 06615
clientservices@yorklab.com
www.yorklab.com

Field Chain-of-Custody Record

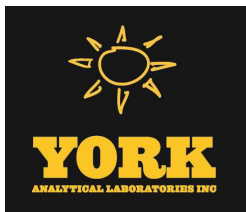
YORK Project No.

2150875

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Page 5 of 9

YOUR INFORMATION		Report To:		Invoice To:		YOUR Project Number		Turn-Around Time					
Company:	PVE Engineering	Company:		Company:		560909		RUSH - Next Day					
Address:	45 Spring St. Avenue	Address:		Address:	Same	560909		RUSH - Two Day					
Phone:	845-459-2544	Phone:		Phone:		560909-onkey		RUSH - Three Day					
Contact:	Trevor Taglia	Contact:	Conor Torbell	Contact:	Tara Alvarado			RUSH - Four Day					
E-mail:	ttaglia@pve.com	E-mail:	ctorbell@pve.com	E-mail:	talvarado@pve.com			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) Trevor Taglia 		S - soil / solid		New York		CT RCP		Compared to the following Regulation(s): (please fill in)					
		GW - groundwater		New Jersey		CT RCP DQA/DUE							
		DW - drinking water		Connecticut		NJDEP Reduced Deliverables							
		WW - wastewater		Pennsylvania		NJDEP SRP HazSite							
		O - Oil ; Other		Other		NJDKQP							
Sample Identification		Sample Matrix		Date/Time Sampled		Analysis Requested		Container Description					
Comp 11	20210519	S		5/19/11	12:15	Part 375 SVOCs, Inorganics, PCBs, Pesticides, Herbicides, Metals; AND 1,4-Dioxane		2-8oz jar (each)					
Comp 12	20210519				12:35								
Comp 13	20210519				12:05								
Comp 14	20210519				12:30								
Comp 15	20210519				11:55								
Comp 16	20210519				12:05								
Comp 17	20210519				12:10								
Comp 18	20210519				11:35								
Comp 19	20210519				12:15								
Comp 20	20210519				12:30								
Comments:		Preservation: (check all that apply)		HCl		MeOH		HNO3	H2SO4	NaOH	ZnAc	Field Filtered	Lab to Filter
Relinquished by / Company		Date/Time		Samples Received by / Company		Date/Time		Samples Relinquished by / Company		Date/Time		Temp. Received at Lab	
PVE		5-20-21 9:15		Chic		5-20-21 9:15		Chic		5-20-21 14:50		5.2	
Relinquished by / Company		Date/Time		Samples Received by / Company		Date/Time		Samples Relinquished by / Company		Date/Time		Temp. Received at Lab	
Relinquished by / Company		Date/Time		Samples Received by / Company		Date/Time		Samples Relinquished by / Company		Date/Time		Temp. Received at Lab	



Technical Report

prepared for:

PVE, LLC.
48 Springside Avenue
Poughkeepsie NY, 12603
Attention: Conor Tarbell

Report Date: 06/01/2021
Client Project ID: 560909-Onkey
York Project (SDG) No.: 21E0910

CT Cert. No. PH-0723

New Jersey Cert. No. CT005 and NY037



New York Cert. Nos. 10854 and 12058

PA Cert. No. 68-04440

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(203) 325-1371



132-02 89th AVENUE
FAX (203) 357-0166

RICHMOND HILL, NY 11418
ClientServices@yorklab.com

Report Date: 06/01/2021
Client Project ID: 560909-Onkey
York Project (SDG) No.: 21E0910

PVE, LLC.
48 Springside Avenue
Poughkeepsie NY, 12603
Attention: Conor Tarbell

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 May 20, 2021 and listed below. The project was identified as your project: **560909-Onkey**.

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>
21E0910-01	Comp 1 20210519	Soil	05/19/2021	05/20/2021
21E0910-02	Comp 2 20210519	Soil	05/19/2021	05/20/2021
21E0910-03	Comp 3 20210519	Soil	05/19/2021	05/20/2021
21E0910-04	Comp 4 20210519	Soil	05/19/2021	05/20/2021
21E0910-05	Comp 5 20210519	Soil	05/19/2021	05/20/2021
21E0910-06	Comp 6 20210519	Soil	05/19/2021	05/20/2021
21E0910-07	Comp 7 20210519	Soil	05/19/2021	05/20/2021
21E0910-08	Comp 8 20210519	Soil	05/19/2021	05/20/2021
21E0910-09	Comp 9 20210519	Soil	05/19/2021	05/20/2021
21E0910-10	Comp 10 20210519	Soil	05/19/2021	05/20/2021
21E0910-11	Comp 11 20210519	Soil	05/19/2021	05/20/2021
21E0910-12	Comp 12 20210519	Soil	05/19/2021	05/20/2021
21E0910-13	Comp 13 20210519	Soil	05/19/2021	05/20/2021
21E0910-14	Comp 14 20210519	Soil	05/19/2021	05/20/2021
21E0910-15	Comp 15 20210519	Soil	05/19/2021	05/20/2021
21E0910-16	Comp 16 20210519	Soil	05/19/2021	05/20/2021
21E0910-17	Comp 17 20210519	Soil	05/19/2021	05/20/2021
21E0910-18	Comp 18 20210519	Soil	05/19/2021	05/20/2021
21E0910-19	Comp 19 20210519	Soil	05/19/2021	05/20/2021
21E0910-20	Comp 20 20210519	Soil	05/19/2021	05/20/2021
21E0910-21	Comp 21 20210519	Soil	05/19/2021	05/20/2021
21E0910-22	FB 20210519	Water	05/19/2021	05/20/2021

General Notes for York Project (SDG) No.: 21E0910

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.

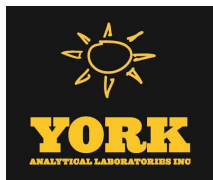
Approved By:



Date: 06/01/2021

Cassie L. Mosher
Laboratory Manager





Sample Information

Client Sample ID: Comp 1 20210519

York Sample ID: 21E0910-01

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

21E0910

560909-Onkey

Soil

May 19, 2021 11:00 am

05/20/2021

PFAS, NYSDEC Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: SPE PFAS Extraction-Soil-EPA 537m

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-73-5	* Perfluorobutanesulfonic acid (PFBS)	ND		ug/kg dry	0.248	1	EPA 537m Certifications:	05/24/2021 15:46	05/27/2021 16:52	WL
307-24-4	* Perfluorohexanoic acid (PFHxA)	ND		ug/kg dry	0.248	1	EPA 537m Certifications:	05/24/2021 15:46	05/27/2021 16:52	WL
375-85-9	* Perfluoroheptanoic acid (PFHpA)	ND		ug/kg dry	0.248	1	EPA 537m Certifications:	05/24/2021 15:46	05/27/2021 16:52	WL
355-46-4	* Perfluorohexanesulfonic acid (PFHxS)	ND		ug/kg dry	0.248	1	EPA 537m Certifications:	05/24/2021 15:46	05/27/2021 16:52	WL
335-67-1	* Perfluorooctanoic acid (PFOA)	ND		ug/kg dry	0.248	1	EPA 537m Certifications:	05/24/2021 15:46	05/27/2021 16:52	WL
1763-23-1	* Perfluorooctanesulfonic acid (PFOS)	ND		ug/kg dry	0.248	1	EPA 537m Certifications:	05/24/2021 15:46	05/27/2021 16:52	WL
375-95-1	* Perfluorononanoic acid (PFNA)	ND		ug/kg dry	0.248	1	EPA 537m Certifications:	05/24/2021 15:46	05/27/2021 16:52	WL
335-76-2	* Perfluorodecanoic acid (PFDA)	ND		ug/kg dry	0.248	1	EPA 537m Certifications:	05/24/2021 15:46	05/27/2021 16:52	WL
2058-94-8	* Perfluoroundecanoic acid (PFUnA)	ND		ug/kg dry	0.248	1	EPA 537m Certifications:	05/24/2021 15:46	05/27/2021 16:52	WL
307-55-1	* Perfluorododecanoic acid (PFDoA)	ND		ug/kg dry	0.248	1	EPA 537m Certifications:	05/24/2021 15:46	05/27/2021 16:52	WL
72629-94-8	* Perfluorotridecanoic acid (PFTrDA)	ND		ug/kg dry	0.248	1	EPA 537m Certifications:	05/24/2021 15:46	05/27/2021 16:52	WL
376-06-7	* Perfluorotetradecanoic acid (PFTA)	ND		ug/kg dry	0.248	1	EPA 537m Certifications:	05/24/2021 15:46	05/27/2021 16:52	WL
2355-31-9	* N-MeFOSAA	ND		ug/kg dry	0.248	1	EPA 537m Certifications:	05/24/2021 15:46	05/27/2021 16:52	WL
2991-50-6	* N-EtFOSAA	ND		ug/kg dry	0.248	1	EPA 537m Certifications:	05/24/2021 15:46	05/27/2021 16:52	WL
2706-90-3	* Perfluoropentanoic acid (PFPeA)	ND		ug/kg dry	0.248	1	EPA 537m Certifications:	05/24/2021 15:46	05/27/2021 16:52	WL
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ug/kg dry	0.248	1	EPA 537m Certifications:	05/24/2021 15:46	05/27/2021 16:52	WL
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ug/kg dry	0.248	1	EPA 537m Certifications:	05/24/2021 15:46	05/27/2021 16:52	WL
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ug/kg dry	0.248	1	EPA 537m Certifications:	05/24/2021 15:46	05/27/2021 16:52	WL
27619-97-2	* 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ug/kg dry	0.248	1	EPA 537m Certifications:	05/24/2021 15:46	05/27/2021 16:52	WL
39108-34-4	* 1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ug/kg dry	0.248	1	EPA 537m Certifications:	05/24/2021 15:46	05/27/2021 16:52	WL
375-22-4	* Perfluoro-n-butanoic acid (PFBA)	ND		ug/kg dry	0.248	1	EPA 537m Certifications:	05/24/2021 15:46	05/27/2021 16:52	WL

Surrogate Recoveries

Result

Acceptance Range

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Page 4 of 66



Sample Information

Client Sample ID: Comp 1 20210519

York Sample ID: 21E0910-01

York Project (SDG) No.
21E0910

Client Project ID
560909-Onkey

Matrix
Soil

Collection Date/Time
May 19, 2021 11:00 am

Date Received
05/20/2021

PFAS, NYSDEC Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: SPE PFAS Extraction-Soil-EPA 537m

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Surrogate: M3PFBS	69.1 %			25-150					
	Surrogate: M5PFHxA	71.0 %			25-150					
	Surrogate: M4PFHpA	65.7 %			25-150					
	Surrogate: M3PFHxS	64.4 %			25-150					
	Surrogate: Perfluoro-n- [13C8]octanoic acid (M8PFOA)	74.9 %			25-150					
	Surrogate: M6PFDA	73.0 %			25-150					
	Surrogate: M7PFUdA	66.0 %			25-150					
	Surrogate: Perfluoro-n- [1,2-13C2]dodecanoic acid (MPFDoA)	62.8 %			25-150					
	Surrogate: M2PFTeDA	53.7 %			10-150					
	Surrogate: Perfluoro-n- [13C4]butanoic acid (MPFBA)	81.6 %			25-150					
	Surrogate: Perfluoro-1- [13C8]octanesulfonic acid (M8PFOS)	61.1 %			25-150					
	Surrogate: Perfluoro-n- [13C5]pentanoic acid (M5PFPeA)	75.9 %			25-150					
	Surrogate: Perfluoro-1- [13C8]octanesulfonamide (M8FOSA)	51.5 %			10-150					
	Surrogate: d3-N-MeFOSAA	54.1 %			25-150					
	Surrogate: d5-N-EtFOSAA	64.4 %			25-150					
	Surrogate: M2-6:2 FTS	150 %	PFSu-H		25-150					
	Surrogate: M2-8:2 FTS	197 %	PFSu-H		25-150					
	Surrogate: M9PFNA	75.5 %			25-150					

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	94.2		%	0.100	1	SM 2540G	06/01/2021 15:25	06/01/2021 15:26	MD
							Certifications:	CTDOH		

Sample Information

Client Sample ID: Comp 2 20210519

York Sample ID: 21E0910-02

York Project (SDG) No.
21E0910

Client Project ID
560909-Onkey

Matrix
Soil

Collection Date/Time
May 19, 2021 11:35 am

Date Received
05/20/2021

PFAS, NYSDEC Target List

Log-in Notes:

Sample Notes:

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Sample Information

Client Sample ID: Comp 2 20210519

York Sample ID: 21E0910-02

York Project (SDG) No.
21E0910

Client Project ID
560909-Onkey

Matrix
Soil

Collection Date/Time
May 19, 2021 11:35 am

Date Received
05/20/2021

Sample Prepared by Method: SPE PFAS Extraction-Soil-EPA 537m

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-73-5	* Perfluorobutanesulfonic acid (PFBS)	ND		ug/kg dry	0.256	1	EPA 537m Certifications:	05/24/2021 15:46	05/27/2021 17:14	WL
307-24-4	* Perfluorohexanoic acid (PFHxA)	ND		ug/kg dry	0.256	1	EPA 537m Certifications:	05/24/2021 15:46	05/27/2021 17:14	WL
375-85-9	* Perfluoroheptanoic acid (PFHpA)	ND		ug/kg dry	0.256	1	EPA 537m Certifications:	05/24/2021 15:46	05/27/2021 17:14	WL
355-46-4	* Perfluorohexanesulfonic acid (PFHxS)	ND		ug/kg dry	0.256	1	EPA 537m Certifications:	05/24/2021 15:46	05/27/2021 17:14	WL
335-67-1	* Perfluorooctanoic acid (PFOA)	ND		ug/kg dry	0.256	1	EPA 537m Certifications:	05/24/2021 15:46	05/27/2021 17:14	WL
1763-23-1	* Perfluorooctanesulfonic acid (PFOS)	ND		ug/kg dry	0.256	1	EPA 537m Certifications:	05/24/2021 15:46	05/27/2021 17:14	WL
375-95-1	* Perfluorononanoic acid (PFNA)	ND		ug/kg dry	0.256	1	EPA 537m Certifications:	05/24/2021 15:46	05/27/2021 17:14	WL
335-76-2	* Perfluorodecanoic acid (PFDA)	ND		ug/kg dry	0.256	1	EPA 537m Certifications:	05/24/2021 15:46	05/27/2021 17:14	WL
2058-94-8	* Perfluoroundecanoic acid (PFUnA)	ND		ug/kg dry	0.256	1	EPA 537m Certifications:	05/24/2021 15:46	05/27/2021 17:14	WL
307-55-1	* Perfluorododecanoic acid (PFDoA)	ND		ug/kg dry	0.256	1	EPA 537m Certifications:	05/24/2021 15:46	05/27/2021 17:14	WL
72629-94-8	* Perfluorotridecanoic acid (PFTrDA)	ND		ug/kg dry	0.256	1	EPA 537m Certifications:	05/24/2021 15:46	05/27/2021 17:14	WL
376-06-7	* Perfluorotetradecanoic acid (PFTA)	ND		ug/kg dry	0.256	1	EPA 537m Certifications:	05/24/2021 15:46	05/27/2021 17:14	WL
2355-31-9	* N-MeFOSAA	ND		ug/kg dry	0.256	1	EPA 537m Certifications:	05/24/2021 15:46	05/27/2021 17:14	WL
2991-50-6	* N-EtFOSAA	ND		ug/kg dry	0.256	1	EPA 537m Certifications:	05/24/2021 15:46	05/27/2021 17:14	WL
2706-90-3	* Perfluoropentanoic acid (PFPeA)	ND		ug/kg dry	0.256	1	EPA 537m Certifications:	05/24/2021 15:46	05/27/2021 17:14	WL
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ug/kg dry	0.256	1	EPA 537m Certifications:	05/24/2021 15:46	05/27/2021 17:14	WL
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ug/kg dry	0.256	1	EPA 537m Certifications:	05/24/2021 15:46	05/27/2021 17:14	WL
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ug/kg dry	0.256	1	EPA 537m Certifications:	05/24/2021 15:46	05/27/2021 17:14	WL
27619-97-2	* 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ug/kg dry	0.256	1	EPA 537m Certifications:	05/24/2021 15:46	05/27/2021 17:14	WL
39108-34-4	* 1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ug/kg dry	0.256	1	EPA 537m Certifications:	05/24/2021 15:46	05/27/2021 17:14	WL
375-22-4	* Perfluoro-n-butanoic acid (PFBA)	ND		ug/kg dry	0.256	1	EPA 537m Certifications:	05/24/2021 15:46	05/27/2021 17:14	WL
Surrogate Recoveries		Result	Acceptance Range							
Surrogate: M3PFBS		78.4 %	25-150							
Surrogate: M5PFHxA		77.4 %	25-150							



Sample Information

Client Sample ID: Comp 2 20210519

York Sample ID: 21E0910-02

York Project (SDG) No.
21E0910

Client Project ID
560909-Onkey

Matrix
Soil

Collection Date/Time
May 19, 2021 11:35 am

Date Received
05/20/2021

PFAS, NYSDEC Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: SPE PFAS Extraction-Soil-EPA 537m

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Surrogate: M4PFHpA	72.2 %			25-150					
	Surrogate: M3PFHxS	76.5 %			25-150					
	Surrogate: Perfluoro-n- [13C8]octanoic acid (M8PFOA)	83.7 %			25-150					
	Surrogate: M6PFDA	80.3 %			25-150					
	Surrogate: M7PFUdA	73.0 %			25-150					
	Surrogate: Perfluoro-n- [1,2-13C2]dodecanoic acid (MPFDoA)	71.6 %			25-150					
	Surrogate: M2PFTeDA	62.3 %			10-150					
	Surrogate: Perfluoro-n- [13C4]butanoic acid (MPFBA)	90.4 %			25-150					
	Surrogate: Perfluoro-1- [13C8]octanesulfonic acid (M8PFOS)	71.7 %			25-150					
	Surrogate: Perfluoro-n- [13C5]pentanoic acid (M5PFPeA)	85.7 %			25-150					
	Surrogate: Perfluoro-1- [13C8]octanesulfonamide (M8FOSA)	63.0 %			10-150					
	Surrogate: d3-N-MeFOSAA	59.1 %			25-150					
	Surrogate: d5-N-EtFOSAA	74.9 %			25-150					
	Surrogate: M2-6:2 FTS	174 %	PFSu-H		25-150					
	Surrogate: M2-8:2 FTS	267 %	PFSu-H		25-150					
	Surrogate: M9PFNA	81.0 %			25-150					

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	93.8		%	0.100	1	SM 2540G Certifications: CTDOH	06/01/2021 15:25	06/01/2021 15:26	MD

Sample Information

Client Sample ID: Comp 3 20210519

York Sample ID: 21E0910-03

York Project (SDG) No.
21E0910

Client Project ID
560909-Onkey

Matrix
Soil

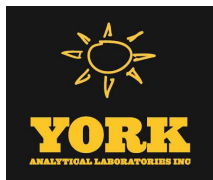
Collection Date/Time
May 19, 2021 11:40 am

Date Received
05/20/2021

PFAS, NYSDEC Target List

Log-in Notes:

Sample Notes:



Sample Information

Client Sample ID: Comp 3 20210519

York Sample ID: 21E0910-03

York Project (SDG) No.
21E0910

Client Project ID
560909-Onkey

Matrix
Soil

Collection Date/Time
May 19, 2021 11:40 am

Date Received
05/20/2021

Sample Prepared by Method: SPE PFAS Extraction-Soil-EPA 537m

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-73-5	* Perfluorobutanesulfonic acid (PFBS)	ND		ug/kg dry	0.246	1	EPA 537m Certifications:	05/24/2021 15:46	05/27/2021 17:59	WL
307-24-4	* Perfluorohexanoic acid (PFHxA)	ND		ug/kg dry	0.246	1	EPA 537m Certifications:	05/24/2021 15:46	05/27/2021 17:59	WL
375-85-9	* Perfluoroheptanoic acid (PFHpA)	ND		ug/kg dry	0.246	1	EPA 537m Certifications:	05/24/2021 15:46	05/27/2021 17:59	WL
355-46-4	* Perfluorohexanesulfonic acid (PFHxS)	ND		ug/kg dry	0.246	1	EPA 537m Certifications:	05/24/2021 15:46	05/27/2021 17:59	WL
335-67-1	* Perfluorooctanoic acid (PFOA)	ND		ug/kg dry	0.246	1	EPA 537m Certifications:	05/24/2021 15:46	05/27/2021 17:59	WL
1763-23-1	* Perfluorooctanesulfonic acid (PFOS)	ND		ug/kg dry	0.246	1	EPA 537m Certifications:	05/24/2021 15:46	05/27/2021 17:59	WL
375-95-1	* Perfluorononanoic acid (PFNA)	ND		ug/kg dry	0.246	1	EPA 537m Certifications:	05/24/2021 15:46	05/27/2021 17:59	WL
335-76-2	* Perfluorodecanoic acid (PFDA)	ND		ug/kg dry	0.246	1	EPA 537m Certifications:	05/24/2021 15:46	05/27/2021 17:59	WL
2058-94-8	* Perfluoroundecanoic acid (PFUnA)	ND		ug/kg dry	0.246	1	EPA 537m Certifications:	05/24/2021 15:46	05/27/2021 17:59	WL
307-55-1	* Perfluorododecanoic acid (PFDoA)	ND		ug/kg dry	0.246	1	EPA 537m Certifications:	05/24/2021 15:46	05/27/2021 17:59	WL
72629-94-8	* Perfluorotridecanoic acid (PFTrDA)	ND		ug/kg dry	0.246	1	EPA 537m Certifications:	05/24/2021 15:46	05/27/2021 17:59	WL
376-06-7	* Perfluorotetradecanoic acid (PFTA)	ND		ug/kg dry	0.246	1	EPA 537m Certifications:	05/24/2021 15:46	05/27/2021 17:59	WL
2355-31-9	* N-MeFOSAA	ND		ug/kg dry	0.246	1	EPA 537m Certifications:	05/24/2021 15:46	05/27/2021 17:59	WL
2991-50-6	* N-EtFOSAA	ND		ug/kg dry	0.246	1	EPA 537m Certifications:	05/24/2021 15:46	05/27/2021 17:59	WL
2706-90-3	* Perfluoropentanoic acid (PFPeA)	ND		ug/kg dry	0.246	1	EPA 537m Certifications:	05/24/2021 15:46	05/27/2021 17:59	WL
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ug/kg dry	0.246	1	EPA 537m Certifications:	05/24/2021 15:46	05/27/2021 17:59	WL
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ug/kg dry	0.246	1	EPA 537m Certifications:	05/24/2021 15:46	05/27/2021 17:59	WL
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ug/kg dry	0.246	1	EPA 537m Certifications:	05/24/2021 15:46	05/27/2021 17:59	WL
27619-97-2	* 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ug/kg dry	0.246	1	EPA 537m Certifications:	05/24/2021 15:46	05/27/2021 17:59	WL
39108-34-4	* 1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ug/kg dry	0.246	1	EPA 537m Certifications:	05/24/2021 15:46	05/27/2021 17:59	WL
375-22-4	* Perfluoro-n-butanoic acid (PFBA)	ND		ug/kg dry	0.246	1	EPA 537m Certifications:	05/24/2021 15:46	05/27/2021 17:59	WL
Surrogate Recoveries		Result	Acceptance Range							
Surrogate: M3PFBS		67.4 %	25-150							
Surrogate: M5PFHxA		68.7 %	25-150							



Sample Information

Client Sample ID: Comp 3 20210519

York Sample ID: 21E0910-03

York Project (SDG) No.
21E0910

Client Project ID
560909-Onkey

Matrix
Soil

Collection Date/Time
May 19, 2021 11:40 am

Date Received
05/20/2021

PFAS, NYSDEC Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: SPE PFAS Extraction-Soil-EPA 537m

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Surrogate: M4PFHpA	60.6 %			25-150					
	Surrogate: M3PFHxS	62.5 %			25-150					
	Surrogate: Perfluoro-n- [13C8]octanoic acid (M8PFOA)	75.6 %			25-150					
	Surrogate: M6PFDA	72.8 %			25-150					
	Surrogate: M7PFUdA	70.8 %			25-150					
	Surrogate: Perfluoro-n- [1,2-13C2]dodecanoic acid (MPFDoA)	67.1 %			25-150					
	Surrogate: M2PFTeDA	56.1 %			10-150					
	Surrogate: Perfluoro-n- [13C4]butanoic acid (MPFBA)	82.1 %			25-150					
	Surrogate: Perfluoro-1- [13C8]octanesulfonic acid (M8PFOS)	60.2 %			25-150					
	Surrogate: Perfluoro-n- [13C5]pentanoic acid (M5PFPeA)	73.5 %			25-150					
	Surrogate: Perfluoro-1- [13C8]octanesulfonamide (M8FOSA)	55.2 %			10-150					
	Surrogate: d3-N-MeFOSAA	56.9 %			25-150					
	Surrogate: d5-N-EtFOSAA	72.9 %			25-150					
	Surrogate: M2-6:2 FTS	207 %	PFSu-H		25-150					
	Surrogate: M2-8:2 FTS	273 %	PFSu-H		25-150					
	Surrogate: M9PFNA	76.1 %			25-150					

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	93.9		%	0.100	1	SM 2540G Certifications: CTDOH	06/01/2021 15:25	06/01/2021 15:26	MD

Sample Information

Client Sample ID: Comp 4 20210519

York Sample ID: 21E0910-04

York Project (SDG) No.
21E0910

Client Project ID
560909-Onkey

Matrix
Soil

Collection Date/Time
May 19, 2021 11:45 am

Date Received
05/20/2021

PFAS, NYSDEC Target List

Log-in Notes:

Sample Notes:



Sample Information

Client Sample ID: Comp 4 20210519

York Sample ID: 21E0910-04

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

21E0910

560909-Onkey

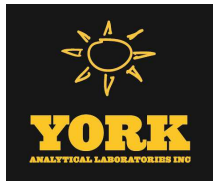
Soil

May 19, 2021 11:45 am

05/20/2021

Sample Prepared by Method: SPE PFAS Extraction-Soil-EPA 537m

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-73-5	* Perfluorobutanesulfonic acid (PFBS)	ND		ug/kg dry	0.240	1	EPA 537m Certifications:	05/24/2021 15:46	05/27/2021 18:21	WL
307-24-4	* Perfluorohexanoic acid (PFHxA)	ND		ug/kg dry	0.240	1	EPA 537m Certifications:	05/24/2021 15:46	05/27/2021 18:21	WL
375-85-9	* Perfluoroheptanoic acid (PFHpA)	ND		ug/kg dry	0.240	1	EPA 537m Certifications:	05/24/2021 15:46	05/27/2021 18:21	WL
355-46-4	* Perfluorohexanesulfonic acid (PFHxS)	ND		ug/kg dry	0.240	1	EPA 537m Certifications:	05/24/2021 15:46	05/27/2021 18:21	WL
335-67-1	* Perfluorooctanoic acid (PFOA)	ND		ug/kg dry	0.240	1	EPA 537m Certifications:	05/24/2021 15:46	05/27/2021 18:21	WL
1763-23-1	* Perfluorooctanesulfonic acid (PFOS)	ND		ug/kg dry	0.240	1	EPA 537m Certifications:	05/24/2021 15:46	05/27/2021 18:21	WL
375-95-1	* Perfluorononanoic acid (PFNA)	ND		ug/kg dry	0.240	1	EPA 537m Certifications:	05/24/2021 15:46	05/27/2021 18:21	WL
335-76-2	* Perfluorodecanoic acid (PFDA)	ND		ug/kg dry	0.240	1	EPA 537m Certifications:	05/24/2021 15:46	05/27/2021 18:21	WL
2058-94-8	* Perfluoroundecanoic acid (PFUnA)	ND		ug/kg dry	0.240	1	EPA 537m Certifications:	05/24/2021 15:46	05/27/2021 18:21	WL
307-55-1	* Perfluorododecanoic acid (PFDoA)	ND		ug/kg dry	0.240	1	EPA 537m Certifications:	05/24/2021 15:46	05/27/2021 18:21	WL
72629-94-8	* Perfluorotridecanoic acid (PFTrDA)	ND		ug/kg dry	0.240	1	EPA 537m Certifications:	05/24/2021 15:46	05/27/2021 18:21	WL
376-06-7	* Perfluorotetradecanoic acid (PFTA)	ND		ug/kg dry	0.240	1	EPA 537m Certifications:	05/24/2021 15:46	05/27/2021 18:21	WL
2355-31-9	* N-MeFOSAA	ND		ug/kg dry	0.240	1	EPA 537m Certifications:	05/24/2021 15:46	05/27/2021 18:21	WL
2991-50-6	* N-EtFOSAA	ND		ug/kg dry	0.240	1	EPA 537m Certifications:	05/24/2021 15:46	05/27/2021 18:21	WL
2706-90-3	* Perfluoropentanoic acid (PFPeA)	ND		ug/kg dry	0.240	1	EPA 537m Certifications:	05/24/2021 15:46	05/27/2021 18:21	WL
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ug/kg dry	0.240	1	EPA 537m Certifications:	05/24/2021 15:46	05/27/2021 18:21	WL
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ug/kg dry	0.240	1	EPA 537m Certifications:	05/24/2021 15:46	05/27/2021 18:21	WL
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ug/kg dry	0.240	1	EPA 537m Certifications:	05/24/2021 15:46	05/27/2021 18:21	WL
27619-97-2	* 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ug/kg dry	0.240	1	EPA 537m Certifications:	05/24/2021 15:46	05/27/2021 18:21	WL
39108-34-4	* 1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ug/kg dry	0.240	1	EPA 537m Certifications:	05/24/2021 15:46	05/27/2021 18:21	WL
375-22-4	* Perfluoro-n-butanoic acid (PFBA)	ND		ug/kg dry	0.240	1	EPA 537m Certifications:	05/24/2021 15:46	05/27/2021 18:21	WL
Surrogate Recoveries		Result	Acceptance Range							
Surrogate: M3PFBS		71.6 %	25-150							
Surrogate: M5PFHxA		71.8 %	25-150							



Sample Information

Client Sample ID: Comp 4 20210519

York Sample ID: 21E0910-04

York Project (SDG) No.

21E0910

Client Project ID

560909-Onkey

Matrix

Soil

Collection Date/Time

May 19, 2021 11:45 am

Date Received

05/20/2021

PFAS, NYSDEC Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: SPE PFAS Extraction-Soil-EPA 537m

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Surrogate: M4PFHpA	65.4 %			25-150					
	Surrogate: M3PFHxS	70.2 %			25-150					
	Surrogate: Perfluoro-n- [13C8]octanoic acid (M8PFOA)	72.5 %			25-150					
	Surrogate: M6PFDA	74.3 %			25-150					
	Surrogate: M7PFUdA	64.3 %			25-150					
	Surrogate: Perfluoro-n- [1,2-13C2]dodecanoic acid (MPFDoA)	62.4 %			25-150					
	Surrogate: M2PFTeDA	55.7 %			10-150					
	Surrogate: Perfluoro-n- [13C4]butanoic acid (MPFBA)	81.7 %			25-150					
	Surrogate: Perfluoro-1- [13C8]octanesulfonic acid (M8PFOS)	60.4 %			25-150					
	Surrogate: Perfluoro-n- [13C5]pentanoic acid (M5PFPeA)	77.1 %			25-150					
	Surrogate: Perfluoro-1- [13C8]octanesulfonamide (M8FOSA)	49.4 %			10-150					
	Surrogate: d3-N-MeFOSAA	52.8 %			25-150					
	Surrogate: d5-N-EtFOSAA	68.1 %			25-150					
	Surrogate: M2-6:2 FTS	143 %			25-150					
	Surrogate: M2-8:2 FTS	189 %	PFSu-H		25-150					
	Surrogate: M9PFNA	73.7 %			25-150					

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	94.4		%	0.100	1	SM 2540G Certifications: CTDOH	06/01/2021 15:25	06/01/2021 15:26	MD

Sample Information

Client Sample ID: Comp 5 20210519

York Sample ID: 21E0910-05

York Project (SDG) No.

21E0910

Client Project ID

560909-Onkey

Matrix

Soil

Collection Date/Time

May 19, 2021 10:50 am

Date Received

05/20/2021

PFAS, NYSDEC Target List

Log-in Notes:

Sample Notes:



Sample Information

Client Sample ID: Comp 5 20210519

York Sample ID: 21E0910-05

York Project (SDG) No.
21E0910

Client Project ID
560909-Onkey

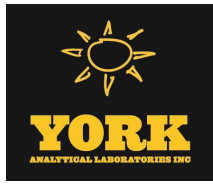
Matrix
Soil

Collection Date/Time
May 19, 2021 10:50 am

Date Received
05/20/2021

Sample Prepared by Method: SPE PFAS Extraction-Soil-EPA 537m

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-73-5	* Perfluorobutanesulfonic acid (PFBS)	ND		ug/kg dry	0.263	1	EPA 537m Certifications:	05/24/2021 15:46	05/27/2021 18:44	WL
307-24-4	* Perfluorohexanoic acid (PFHxA)	ND		ug/kg dry	0.263	1	EPA 537m Certifications:	05/24/2021 15:46	05/27/2021 18:44	WL
375-85-9	* Perfluoroheptanoic acid (PFHpA)	ND		ug/kg dry	0.263	1	EPA 537m Certifications:	05/24/2021 15:46	05/27/2021 18:44	WL
355-46-4	* Perfluorohexanesulfonic acid (PFHxS)	ND		ug/kg dry	0.263	1	EPA 537m Certifications:	05/24/2021 15:46	05/27/2021 18:44	WL
335-67-1	* Perfluorooctanoic acid (PFOA)	ND		ug/kg dry	0.263	1	EPA 537m Certifications:	05/24/2021 15:46	05/27/2021 18:44	WL
1763-23-1	* Perfluorooctanesulfonic acid (PFOS)	ND		ug/kg dry	0.263	1	EPA 537m Certifications:	05/24/2021 15:46	05/27/2021 18:44	WL
375-95-1	* Perfluorononanoic acid (PFNA)	ND		ug/kg dry	0.263	1	EPA 537m Certifications:	05/24/2021 15:46	05/27/2021 18:44	WL
335-76-2	* Perfluorodecanoic acid (PFDA)	ND		ug/kg dry	0.263	1	EPA 537m Certifications:	05/24/2021 15:46	05/27/2021 18:44	WL
2058-94-8	* Perfluoroundecanoic acid (PFUnA)	ND		ug/kg dry	0.263	1	EPA 537m Certifications:	05/24/2021 15:46	05/27/2021 18:44	WL
307-55-1	* Perfluorododecanoic acid (PFDoA)	ND		ug/kg dry	0.263	1	EPA 537m Certifications:	05/24/2021 15:46	05/27/2021 18:44	WL
72629-94-8	* Perfluorotridecanoic acid (PFTrDA)	ND		ug/kg dry	0.263	1	EPA 537m Certifications:	05/24/2021 15:46	05/27/2021 18:44	WL
376-06-7	* Perfluorotetradecanoic acid (PFTA)	ND		ug/kg dry	0.263	1	EPA 537m Certifications:	05/24/2021 15:46	05/27/2021 18:44	WL
2355-31-9	* N-MeFOSAA	ND		ug/kg dry	0.263	1	EPA 537m Certifications:	05/24/2021 15:46	05/27/2021 18:44	WL
2991-50-6	* N-EtFOSAA	ND		ug/kg dry	0.263	1	EPA 537m Certifications:	05/24/2021 15:46	05/27/2021 18:44	WL
2706-90-3	* Perfluoropentanoic acid (PFPeA)	ND		ug/kg dry	0.263	1	EPA 537m Certifications:	05/24/2021 15:46	05/27/2021 18:44	WL
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ug/kg dry	0.263	1	EPA 537m Certifications:	05/24/2021 15:46	05/27/2021 18:44	WL
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ug/kg dry	0.263	1	EPA 537m Certifications:	05/24/2021 15:46	05/27/2021 18:44	WL
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ug/kg dry	0.263	1	EPA 537m Certifications:	05/24/2021 15:46	05/27/2021 18:44	WL
27619-97-2	* 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ug/kg dry	0.263	1	EPA 537m Certifications:	05/24/2021 15:46	05/27/2021 18:44	WL
39108-34-4	* 1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ug/kg dry	0.263	1	EPA 537m Certifications:	05/24/2021 15:46	05/27/2021 18:44	WL
375-22-4	* Perfluoro-n-butanoic acid (PFBA)	ND		ug/kg dry	0.263	1	EPA 537m Certifications:	05/24/2021 15:46	05/27/2021 18:44	WL
Surrogate Recoveries		Result	Acceptance Range							
Surrogate: M3PFBS		74.8 %	25-150							
Surrogate: M5PFHxA		75.8 %	25-150							



Sample Information

Client Sample ID: Comp 5 20210519

York Sample ID: 21E0910-05

York Project (SDG) No.

21E0910

Client Project ID

560909-Onkey

Matrix

Soil

Collection Date/Time

May 19, 2021 10:50 am

Date Received

05/20/2021

PFAS, NYSDEC Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: SPE PFAS Extraction-Soil-EPA 537m

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Surrogate: M4PFHpA	70.2 %			25-150					
	Surrogate: M3PFHxS	72.5 %			25-150					
	Surrogate: Perfluoro-n- [13C8]octanoic acid (M8PFOA)	82.3 %			25-150					
	Surrogate: M6PFDA	81.2 %			25-150					
	Surrogate: M7PFUdA	76.0 %			25-150					
	Surrogate: Perfluoro-n- [1,2-13C2]dodecanoic acid (MPFDoA)	74.4 %			25-150					
	Surrogate: M2PFTeDA	64.8 %			10-150					
	Surrogate: Perfluoro-n- [13C4]butanoic acid (MPFBA)	90.4 %			25-150					
	Surrogate: Perfluoro-1- [13C8]octanesulfonic acid (M8PFOS)	66.8 %			25-150					
	Surrogate: Perfluoro-n- [13C5]pentanoic acid (M5PFPeA)	84.4 %			25-150					
	Surrogate: Perfluoro-1- [13C8]octanesulfonamide (M8FOSA)	54.2 %			10-150					
	Surrogate: d3-N-MeFOSAA	67.6 %			25-150					
	Surrogate: d5-N-EtFOSAA	78.6 %			25-150					
	Surrogate: M2-6:2 FTS	182 %	PFSu-H		25-150					
	Surrogate: M2-8:2 FTS	275 %	PFSu-H		25-150					
	Surrogate: M9PFNA	79.7 %			25-150					

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	93.8		%	0.100	1	SM 2540G Certifications: CTDOH	06/01/2021 15:25	06/01/2021 15:26	MD

Sample Information

Client Sample ID: Comp 6 20210519

York Sample ID: 21E0910-06

York Project (SDG) No.

21E0910

Client Project ID

560909-Onkey

Matrix

Soil

Collection Date/Time

May 19, 2021 10:55 am

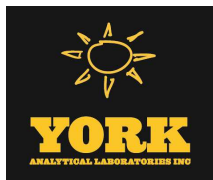
Date Received

05/20/2021

PFAS, NYSDEC Target List

Log-in Notes:

Sample Notes:



Sample Information

Client Sample ID: Comp 6 20210519

York Sample ID: 21E0910-06

York Project (SDG) No.
21E0910

Client Project ID
560909-Onkey

Matrix
Soil

Collection Date/Time
May 19, 2021 10:55 am

Date Received
05/20/2021

Sample Prepared by Method: SPE PFAS Extraction-Soil-EPA 537m

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-73-5	* Perfluorobutanesulfonic acid (PFBS)	ND		ug/kg dry	0.257	1	EPA 537m Certifications:	05/24/2021 15:46	05/27/2021 19:06	WL
307-24-4	* Perfluorohexanoic acid (PFHxA)	ND		ug/kg dry	0.257	1	EPA 537m Certifications:	05/24/2021 15:46	05/27/2021 19:06	WL
375-85-9	* Perfluoroheptanoic acid (PFHpA)	ND		ug/kg dry	0.257	1	EPA 537m Certifications:	05/24/2021 15:46	05/27/2021 19:06	WL
355-46-4	* Perfluorohexanesulfonic acid (PFHxS)	ND		ug/kg dry	0.257	1	EPA 537m Certifications:	05/24/2021 15:46	05/27/2021 19:06	WL
335-67-1	* Perfluorooctanoic acid (PFOA)	ND		ug/kg dry	0.257	1	EPA 537m Certifications:	05/24/2021 15:46	05/27/2021 19:06	WL
1763-23-1	* Perfluorooctanesulfonic acid (PFOS)	ND		ug/kg dry	0.257	1	EPA 537m Certifications:	05/24/2021 15:46	05/27/2021 19:06	WL
375-95-1	* Perfluorononanoic acid (PFNA)	ND		ug/kg dry	0.257	1	EPA 537m Certifications:	05/24/2021 15:46	05/27/2021 19:06	WL
335-76-2	* Perfluorodecanoic acid (PFDA)	ND		ug/kg dry	0.257	1	EPA 537m Certifications:	05/24/2021 15:46	05/27/2021 19:06	WL
2058-94-8	* Perfluoroundecanoic acid (PFUnA)	ND		ug/kg dry	0.257	1	EPA 537m Certifications:	05/24/2021 15:46	05/27/2021 19:06	WL
307-55-1	* Perfluorododecanoic acid (PFDoA)	ND		ug/kg dry	0.257	1	EPA 537m Certifications:	05/24/2021 15:46	05/27/2021 19:06	WL
72629-94-8	* Perfluorotridecanoic acid (PFTrDA)	ND		ug/kg dry	0.257	1	EPA 537m Certifications:	05/24/2021 15:46	05/27/2021 19:06	WL
376-06-7	* Perfluorotetradecanoic acid (PFTA)	ND		ug/kg dry	0.257	1	EPA 537m Certifications:	05/24/2021 15:46	05/27/2021 19:06	WL
2355-31-9	* N-MeFOSAA	ND		ug/kg dry	0.257	1	EPA 537m Certifications:	05/24/2021 15:46	05/27/2021 19:06	WL
2991-50-6	* N-EtFOSAA	ND		ug/kg dry	0.257	1	EPA 537m Certifications:	05/24/2021 15:46	05/27/2021 19:06	WL
2706-90-3	* Perfluoropentanoic acid (PFPeA)	ND		ug/kg dry	0.257	1	EPA 537m Certifications:	05/24/2021 15:46	05/27/2021 19:06	WL
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ug/kg dry	0.257	1	EPA 537m Certifications:	05/24/2021 15:46	05/27/2021 19:06	WL
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ug/kg dry	0.257	1	EPA 537m Certifications:	05/24/2021 15:46	05/27/2021 19:06	WL
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ug/kg dry	0.257	1	EPA 537m Certifications:	05/24/2021 15:46	05/27/2021 19:06	WL
27619-97-2	* 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ug/kg dry	0.257	1	EPA 537m Certifications:	05/24/2021 15:46	05/27/2021 19:06	WL
39108-34-4	* 1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ug/kg dry	0.257	1	EPA 537m Certifications:	05/24/2021 15:46	05/27/2021 19:06	WL
375-22-4	* Perfluoro-n-butanoic acid (PFBA)	ND		ug/kg dry	0.257	1	EPA 537m Certifications:	05/24/2021 15:46	05/27/2021 19:06	WL
Surrogate Recoveries		Result	Acceptance Range							
Surrogate: M3PFBS		74.1 %	25-150							
Surrogate: M5PFHxA		74.1 %	25-150							



Sample Information

Client Sample ID: Comp 6 20210519

York Sample ID: 21E0910-06

York Project (SDG) No.

21E0910

Client Project ID

560909-Onkey

Matrix

Soil

Collection Date/Time

May 19, 2021 10:55 am

Date Received

05/20/2021

PFAS, NYSDEC Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: SPE PFAS Extraction-Soil-EPA 537m

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Surrogate: M4PFHpA	67.7 %			25-150					
	Surrogate: M3PFHxS	70.6 %			25-150					
	Surrogate: Perfluoro-n- [13C8]octanoic acid (M8PFOA)	78.3 %			25-150					
	Surrogate: M6PFDA	82.2 %			25-150					
	Surrogate: M7PFUdA	71.5 %			25-150					
	Surrogate: Perfluoro-n- [1,2-13C2]dodecanoic acid (MPFDoA)	66.2 %			25-150					
	Surrogate: M2PFTeDA	59.6 %			10-150					
	Surrogate: Perfluoro-n- [13C4]butanoic acid (MPFBA)	87.8 %			25-150					
	Surrogate: Perfluoro-1- [13C8]octanesulfonic acid (M8PFOS)	64.3 %			25-150					
	Surrogate: Perfluoro-n- [13C5]pentanoic acid (M5PFPeA)	82.4 %			25-150					
	Surrogate: Perfluoro-1- [13C8]octanesulfonamide (M8FOSA)	54.0 %			10-150					
	Surrogate: d3-N-MeFOSAA	53.1 %			25-150					
	Surrogate: d5-N-EtFOSAA	70.8 %			25-150					
	Surrogate: M2-6:2 FTS	172 %	PFSu-H		25-150					
	Surrogate: M2-8:2 FTS	274 %	PFSu-H		25-150					
	Surrogate: M9PFNA	80.6 %			25-150					

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	94.0		%	0.100	1	SM 2540G Certifications: CTD0H	06/01/2021 15:25	06/01/2021 15:26	MD

Sample Information

Client Sample ID: Comp 7 20210519

York Sample ID: 21E0910-07

York Project (SDG) No.

21E0910

Client Project ID

560909-Onkey

Matrix

Soil

Collection Date/Time

May 19, 2021 11:05 am

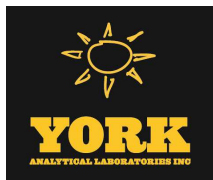
Date Received

05/20/2021

PFAS, NYSDEC Target List

Log-in Notes:

Sample Notes:



Sample Information

Client Sample ID: Comp 7 20210519

York Sample ID: 21E0910-07

York Project (SDG) No.
21E0910

Client Project ID
560909-Onkey

Matrix
Soil

Collection Date/Time
May 19, 2021 11:05 am

Date Received
05/20/2021

Sample Prepared by Method: SPE PFAS Extraction-Soil-EPA 537m

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-73-5	* Perfluorobutanesulfonic acid (PFBS)	ND		ug/kg dry	0.251	1	EPA 537m Certifications:	05/24/2021 15:46	05/27/2021 19:28	WL
307-24-4	* Perfluorohexanoic acid (PFHxA)	ND		ug/kg dry	0.251	1	EPA 537m Certifications:	05/24/2021 15:46	05/27/2021 19:28	WL
375-85-9	* Perfluoroheptanoic acid (PFHpA)	ND		ug/kg dry	0.251	1	EPA 537m Certifications:	05/24/2021 15:46	05/27/2021 19:28	WL
355-46-4	* Perfluorohexanesulfonic acid (PFHxS)	ND		ug/kg dry	0.251	1	EPA 537m Certifications:	05/24/2021 15:46	05/27/2021 19:28	WL
335-67-1	* Perfluorooctanoic acid (PFOA)	ND		ug/kg dry	0.251	1	EPA 537m Certifications:	05/24/2021 15:46	05/27/2021 19:28	WL
1763-23-1	* Perfluorooctanesulfonic acid (PFOS)	ND		ug/kg dry	0.251	1	EPA 537m Certifications:	05/24/2021 15:46	05/27/2021 19:28	WL
375-95-1	* Perfluorononanoic acid (PFNA)	ND		ug/kg dry	0.251	1	EPA 537m Certifications:	05/24/2021 15:46	05/27/2021 19:28	WL
335-76-2	* Perfluorodecanoic acid (PFDA)	ND		ug/kg dry	0.251	1	EPA 537m Certifications:	05/24/2021 15:46	05/27/2021 19:28	WL
2058-94-8	* Perfluoroundecanoic acid (PFUnA)	ND		ug/kg dry	0.251	1	EPA 537m Certifications:	05/24/2021 15:46	05/27/2021 19:28	WL
307-55-1	* Perfluorododecanoic acid (PFDoA)	ND		ug/kg dry	0.251	1	EPA 537m Certifications:	05/24/2021 15:46	05/27/2021 19:28	WL
72629-94-8	* Perfluorotridecanoic acid (PFTrDA)	ND		ug/kg dry	0.251	1	EPA 537m Certifications:	05/24/2021 15:46	05/27/2021 19:28	WL
376-06-7	* Perfluorotetradecanoic acid (PFTA)	ND		ug/kg dry	0.251	1	EPA 537m Certifications:	05/24/2021 15:46	05/27/2021 19:28	WL
2355-31-9	* N-MeFOSAA	ND		ug/kg dry	0.251	1	EPA 537m Certifications:	05/24/2021 15:46	05/27/2021 19:28	WL
2991-50-6	* N-EtFOSAA	ND		ug/kg dry	0.251	1	EPA 537m Certifications:	05/24/2021 15:46	05/27/2021 19:28	WL
2706-90-3	* Perfluoropentanoic acid (PFPeA)	ND		ug/kg dry	0.251	1	EPA 537m Certifications:	05/24/2021 15:46	05/27/2021 19:28	WL
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ug/kg dry	0.251	1	EPA 537m Certifications:	05/24/2021 15:46	05/27/2021 19:28	WL
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ug/kg dry	0.251	1	EPA 537m Certifications:	05/24/2021 15:46	05/27/2021 19:28	WL
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ug/kg dry	0.251	1	EPA 537m Certifications:	05/24/2021 15:46	05/27/2021 19:28	WL
27619-97-2	* 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ug/kg dry	0.251	1	EPA 537m Certifications:	05/24/2021 15:46	05/27/2021 19:28	WL
39108-34-4	* 1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ug/kg dry	0.251	1	EPA 537m Certifications:	05/24/2021 15:46	05/27/2021 19:28	WL
375-22-4	* Perfluoro-n-butanoic acid (PFBA)	ND		ug/kg dry	0.251	1	EPA 537m Certifications:	05/24/2021 15:46	05/27/2021 19:28	WL
Surrogate Recoveries		Result	Acceptance Range							
Surrogate: M3PFBS		72.0 %	25-150							
Surrogate: M5PFHxA		72.8 %	25-150							



Sample Information

Client Sample ID: Comp 7 20210519

York Sample ID: 21E0910-07

York Project (SDG) No.
21E0910

Client Project ID
560909-Onkey

Matrix
Soil

Collection Date/Time
May 19, 2021 11:05 am

Date Received
05/20/2021

PFAS, NYSDEC Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: SPE PFAS Extraction-Soil-EPA 537m

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Surrogate: M4PFHpA	69.3 %			25-150					
	Surrogate: M3PFHxS	70.5 %			25-150					
	Surrogate: Perfluoro-n- [13C8]octanoic acid (M8PFOA)	79.8 %			25-150					
	Surrogate: M6PFDA	79.8 %			25-150					
	Surrogate: M7PFUdA	74.4 %			25-150					
	Surrogate: Perfluoro-n- [1,2-13C2]dodecanoic acid (MPFDoA)	69.5 %			25-150					
	Surrogate: M2PFTeDA	64.0 %			10-150					
	Surrogate: Perfluoro-n- [13C4]butanoic acid (MPFBA)	87.7 %			25-150					
	Surrogate: Perfluoro-1- [13C8]octanesulfonic acid (M8PFOS)	64.2 %			25-150					
	Surrogate: Perfluoro-n- [13C5]pentanoic acid (M5PFPeA)	81.8 %			25-150					
	Surrogate: Perfluoro-1- [13C8]octanesulfonamide (M8FOSA)	53.1 %			10-150					
	Surrogate: d3-N-MeFOSAA	56.6 %			25-150					
	Surrogate: d5-N-EtFOSAA	71.8 %			25-150					
	Surrogate: M2-6:2 FTS	187 %	PFSu-H		25-150					
	Surrogate: M2-8:2 FTS	260 %	PFSu-H		25-150					
	Surrogate: M9PFNA	83.9 %			25-150					

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	93.3		%	0.100	1	SM 2540G Certifications: CTDOH	06/01/2021 15:25	06/01/2021 15:26	MD

Sample Information

Client Sample ID: Comp 8 20210519

York Sample ID: 21E0910-08

York Project (SDG) No.
21E0910

Client Project ID
560909-Onkey

Matrix
Soil

Collection Date/Time
May 19, 2021 11:15 am

Date Received
05/20/2021

PFAS, NYSDEC Target List

Log-in Notes:

Sample Notes:



Sample Information

Client Sample ID: Comp 8 20210519

York Sample ID: 21E0910-08

York Project (SDG) No.
21E0910

Client Project ID
560909-Onkey

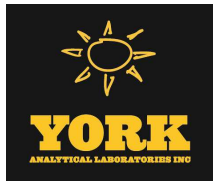
Matrix
Soil

Collection Date/Time
May 19, 2021 11:15 am

Date Received
05/20/2021

Sample Prepared by Method: SPE PFAS Extraction-Soil-EPA 537m

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-73-5	* Perfluorobutanesulfonic acid (PFBS)	ND		ug/kg dry	0.257	1	EPA 537m Certifications:	05/24/2021 15:46	05/27/2021 19:50	WL
307-24-4	* Perfluorohexanoic acid (PFHxA)	ND		ug/kg dry	0.257	1	EPA 537m Certifications:	05/24/2021 15:46	05/27/2021 19:50	WL
375-85-9	* Perfluoroheptanoic acid (PFHpA)	ND		ug/kg dry	0.257	1	EPA 537m Certifications:	05/24/2021 15:46	05/27/2021 19:50	WL
355-46-4	* Perfluorohexanesulfonic acid (PFHxS)	ND		ug/kg dry	0.257	1	EPA 537m Certifications:	05/24/2021 15:46	05/27/2021 19:50	WL
335-67-1	* Perfluorooctanoic acid (PFOA)	ND		ug/kg dry	0.257	1	EPA 537m Certifications:	05/24/2021 15:46	05/27/2021 19:50	WL
1763-23-1	* Perfluorooctanesulfonic acid (PFOS)	ND		ug/kg dry	0.257	1	EPA 537m Certifications:	05/24/2021 15:46	05/27/2021 19:50	WL
375-95-1	* Perfluorononanoic acid (PFNA)	ND		ug/kg dry	0.257	1	EPA 537m Certifications:	05/24/2021 15:46	05/27/2021 19:50	WL
335-76-2	* Perfluorodecanoic acid (PFDA)	ND		ug/kg dry	0.257	1	EPA 537m Certifications:	05/24/2021 15:46	05/27/2021 19:50	WL
2058-94-8	* Perfluoroundecanoic acid (PFUnA)	ND		ug/kg dry	0.257	1	EPA 537m Certifications:	05/24/2021 15:46	05/27/2021 19:50	WL
307-55-1	* Perfluorododecanoic acid (PFDoA)	ND		ug/kg dry	0.257	1	EPA 537m Certifications:	05/24/2021 15:46	05/27/2021 19:50	WL
72629-94-8	* Perfluorotridecanoic acid (PFTrDA)	ND		ug/kg dry	0.257	1	EPA 537m Certifications:	05/24/2021 15:46	05/27/2021 19:50	WL
376-06-7	* Perfluorotetradecanoic acid (PFTA)	ND		ug/kg dry	0.257	1	EPA 537m Certifications:	05/24/2021 15:46	05/27/2021 19:50	WL
2355-31-9	* N-MeFOSAA	ND		ug/kg dry	0.257	1	EPA 537m Certifications:	05/24/2021 15:46	05/27/2021 19:50	WL
2991-50-6	* N-EtFOSAA	ND		ug/kg dry	0.257	1	EPA 537m Certifications:	05/24/2021 15:46	05/27/2021 19:50	WL
2706-90-3	* Perfluoropentanoic acid (PFPeA)	ND		ug/kg dry	0.257	1	EPA 537m Certifications:	05/24/2021 15:46	05/27/2021 19:50	WL
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ug/kg dry	0.257	1	EPA 537m Certifications:	05/24/2021 15:46	05/27/2021 19:50	WL
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ug/kg dry	0.257	1	EPA 537m Certifications:	05/24/2021 15:46	05/27/2021 19:50	WL
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ug/kg dry	0.257	1	EPA 537m Certifications:	05/24/2021 15:46	05/27/2021 19:50	WL
27619-97-2	* 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ug/kg dry	0.257	1	EPA 537m Certifications:	05/24/2021 15:46	05/27/2021 19:50	WL
39108-34-4	* 1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ug/kg dry	0.257	1	EPA 537m Certifications:	05/24/2021 15:46	05/27/2021 19:50	WL
375-22-4	* Perfluoro-n-butanoic acid (PFBA)	ND		ug/kg dry	0.257	1	EPA 537m Certifications:	05/24/2021 15:46	05/27/2021 19:50	WL
Surrogate Recoveries		Result	Acceptance Range							
Surrogate: M3PFBS		83.1 %	25-150							
Surrogate: M5PFHxA		84.9 %	25-150							



Sample Information

Client Sample ID: Comp 8 20210519

York Sample ID: 21E0910-08

York Project (SDG) No.

21E0910

Client Project ID

560909-Onkey

Matrix

Soil

Collection Date/Time

May 19, 2021 11:15 am

Date Received

05/20/2021

PFAS, NYSDEC Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: SPE PFAS Extraction-Soil-EPA 537m

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Surrogate: M4PFHpA	77.2 %			25-150					
	Surrogate: M3PFHxS	73.9 %			25-150					
	Surrogate: Perfluoro-n- [13C8]octanoic acid (M8PFOA)	88.9 %			25-150					
	Surrogate: M6PFDA	91.9 %			25-150					
	Surrogate: M7PFUdA	72.0 %			25-150					
	Surrogate: Perfluoro-n- [1,2-13C2]dodecanoic acid (MPFDoA)	73.1 %			25-150					
	Surrogate: M2PFTeDA	69.7 %			10-150					
	Surrogate: Perfluoro-n- [13C4]butanoic acid (MPFBA)	98.3 %			25-150					
	Surrogate: Perfluoro-1- [13C8]octanesulfonic acid (M8PFOS)	74.1 %			25-150					
	Surrogate: Perfluoro-n- [13C5]pentanoic acid (M5PFPeA)	92.4 %			25-150					
	Surrogate: Perfluoro-1- [13C8]octanesulfonamide (M8FOSA)	52.6 %			10-150					
	Surrogate: d3-N-MeFOSAA	60.0 %			25-150					
	Surrogate: d5-N-EtFOSAA	72.0 %			25-150					
	Surrogate: M2-6:2 FTS	157 %	PFSu-H		25-150					
	Surrogate: M2-8:2 FTS	205 %	PFSu-H		25-150					
	Surrogate: M9PFNA	90.3 %			25-150					

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	94.5		%	0.100	1	SM 2540G Certifications: CTDOH	06/01/2021 15:25	06/01/2021 15:26	MD

Sample Information

Client Sample ID: Comp 9 20210519

York Sample ID: 21E0910-09

York Project (SDG) No.

21E0910

Client Project ID

560909-Onkey

Matrix

Soil

Collection Date/Time

May 19, 2021 11:35 am

Date Received

05/20/2021

PFAS, NYSDEC Target List

Log-in Notes:

Sample Notes:



Sample Information

Client Sample ID: Comp 9 20210519

York Sample ID: 21E0910-09

York Project (SDG) No.
21E0910

Client Project ID
560909-Onkey

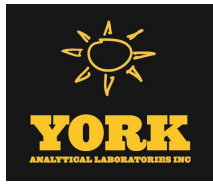
Matrix
Soil

Collection Date/Time
May 19, 2021 11:35 am

Date Received
05/20/2021

Sample Prepared by Method: SPE PFAS Extraction-Soil-EPA 537m

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-73-5	* Perfluorobutanesulfonic acid (PFBS)	ND		ug/kg dry	0.266	1	EPA 537m Certifications:	05/24/2021 15:46	05/27/2021 20:13	WL
307-24-4	* Perfluorohexanoic acid (PFHxA)	ND		ug/kg dry	0.266	1	EPA 537m Certifications:	05/24/2021 15:46	05/27/2021 20:13	WL
375-85-9	* Perfluoroheptanoic acid (PFHpA)	ND		ug/kg dry	0.266	1	EPA 537m Certifications:	05/24/2021 15:46	05/27/2021 20:13	WL
355-46-4	* Perfluorohexanesulfonic acid (PFHxS)	ND		ug/kg dry	0.266	1	EPA 537m Certifications:	05/24/2021 15:46	05/27/2021 20:13	WL
335-67-1	* Perfluorooctanoic acid (PFOA)	ND		ug/kg dry	0.266	1	EPA 537m Certifications:	05/24/2021 15:46	05/27/2021 20:13	WL
1763-23-1	* Perfluorooctanesulfonic acid (PFOS)	ND		ug/kg dry	0.266	1	EPA 537m Certifications:	05/24/2021 15:46	05/27/2021 20:13	WL
375-95-1	* Perfluorononanoic acid (PFNA)	ND		ug/kg dry	0.266	1	EPA 537m Certifications:	05/24/2021 15:46	05/27/2021 20:13	WL
335-76-2	* Perfluorodecanoic acid (PFDA)	ND		ug/kg dry	0.266	1	EPA 537m Certifications:	05/24/2021 15:46	05/27/2021 20:13	WL
2058-94-8	* Perfluoroundecanoic acid (PFUnA)	ND		ug/kg dry	0.266	1	EPA 537m Certifications:	05/24/2021 15:46	05/27/2021 20:13	WL
307-55-1	* Perfluorododecanoic acid (PFDoA)	ND		ug/kg dry	0.266	1	EPA 537m Certifications:	05/24/2021 15:46	05/27/2021 20:13	WL
72629-94-8	* Perfluorotridecanoic acid (PFTrDA)	ND		ug/kg dry	0.266	1	EPA 537m Certifications:	05/24/2021 15:46	05/27/2021 20:13	WL
376-06-7	* Perfluorotetradecanoic acid (PFTA)	ND		ug/kg dry	0.266	1	EPA 537m Certifications:	05/24/2021 15:46	05/27/2021 20:13	WL
2355-31-9	* N-MeFOSAA	ND		ug/kg dry	0.266	1	EPA 537m Certifications:	05/24/2021 15:46	05/27/2021 20:13	WL
2991-50-6	* N-EtFOSAA	ND		ug/kg dry	0.266	1	EPA 537m Certifications:	05/24/2021 15:46	05/27/2021 20:13	WL
2706-90-3	* Perfluoropentanoic acid (PFPeA)	ND		ug/kg dry	0.266	1	EPA 537m Certifications:	05/24/2021 15:46	05/27/2021 20:13	WL
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ug/kg dry	0.266	1	EPA 537m Certifications:	05/24/2021 15:46	05/27/2021 20:13	WL
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ug/kg dry	0.266	1	EPA 537m Certifications:	05/24/2021 15:46	05/27/2021 20:13	WL
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ug/kg dry	0.266	1	EPA 537m Certifications:	05/24/2021 15:46	05/27/2021 20:13	WL
27619-97-2	* 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ug/kg dry	0.266	1	EPA 537m Certifications:	05/24/2021 15:46	05/27/2021 20:13	WL
39108-34-4	* 1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ug/kg dry	0.266	1	EPA 537m Certifications:	05/24/2021 15:46	05/27/2021 20:13	WL
375-22-4	* Perfluoro-n-butanoic acid (PFBA)	ND		ug/kg dry	0.266	1	EPA 537m Certifications:	05/24/2021 15:46	05/27/2021 20:13	WL
Surrogate Recoveries		Result	Acceptance Range							
Surrogate: M3PFBS		73.7 %	25-150							
Surrogate: M5PFHxA		79.1 %	25-150							



Sample Information

Client Sample ID: Comp 9 20210519

York Sample ID: 21E0910-09

York Project (SDG) No.

21E0910

Client Project ID

560909-Onkey

Matrix

Soil

Collection Date/Time

May 19, 2021 11:35 am

Date Received

05/20/2021

PFAS, NYSDEC Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: SPE PFAS Extraction-Soil-EPA 537m

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Surrogate: M4PFHpA	71.3 %			25-150					
	Surrogate: M3PFHxS	73.3 %			25-150					
	Surrogate: Perfluoro-n- [13C8]octanoic acid (M8PFOA)	82.4 %			25-150					
	Surrogate: M6PFDA	77.7 %			25-150					
	Surrogate: M7PFUdA	74.0 %			25-150					
	Surrogate: Perfluoro-n- [1,2-13C2]dodecanoic acid (MPFDoA)	73.4 %			25-150					
	Surrogate: M2PFTeDA	65.1 %			10-150					
	Surrogate: Perfluoro-n- [13C4]butanoic acid (MPFBA)	91.3 %			25-150					
	Surrogate: Perfluoro-1- [13C8]octanesulfonic acid (M8PFOS)	72.3 %			25-150					
	Surrogate: Perfluoro-n- [13C5]pentanoic acid (M5PFPeA)	85.2 %			25-150					
	Surrogate: Perfluoro-1- [13C8]octanesulfonamide (M8FOSA)	53.4 %			10-150					
	Surrogate: d3-N-MeFOSAA	54.3 %			25-150					
	Surrogate: d5-N-EtFOSAA	66.6 %			25-150					
	Surrogate: M2-6:2 FTS	106 %			25-150					
	Surrogate: M2-8:2 FTS	158 %	PFSu-H		25-150					
	Surrogate: M9PFNA	81.0 %			25-150					

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	93.8		%	0.100	1	SM 2540G Certifications: CTDOH	06/01/2021 15:25	06/01/2021 15:26	MD

Sample Information

Client Sample ID: Comp 10 20210519

York Sample ID: 21E0910-10

York Project (SDG) No.

21E0910

Client Project ID

560909-Onkey

Matrix

Soil

Collection Date/Time

May 19, 2021 11:45 am

Date Received

05/20/2021

PFAS, NYSDEC Target List

Log-in Notes:

Sample Notes:



Sample Information

Client Sample ID: Comp 10 20210519

York Sample ID: 21E0910-10

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

21E0910

560909-Onkey

Soil

May 19, 2021 11:45 am

05/20/2021

Sample Prepared by Method: SPE PFAS Extraction-Soil-EPA 537m

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-73-5	* Perfluorobutanesulfonic acid (PFBS)	ND		ug/kg dry	0.244	1	EPA 537m Certifications:	05/24/2021 15:46	05/27/2021 20:35	WL
307-24-4	* Perfluorohexanoic acid (PFHxA)	ND		ug/kg dry	0.244	1	EPA 537m Certifications:	05/24/2021 15:46	05/27/2021 20:35	WL
375-85-9	* Perfluoroheptanoic acid (PFHpA)	ND		ug/kg dry	0.244	1	EPA 537m Certifications:	05/24/2021 15:46	05/27/2021 20:35	WL
355-46-4	* Perfluorohexanesulfonic acid (PFHxS)	ND		ug/kg dry	0.244	1	EPA 537m Certifications:	05/24/2021 15:46	05/27/2021 20:35	WL
335-67-1	* Perfluorooctanoic acid (PFOA)	ND		ug/kg dry	0.244	1	EPA 537m Certifications:	05/24/2021 15:46	05/27/2021 20:35	WL
1763-23-1	* Perfluorooctanesulfonic acid (PFOS)	ND		ug/kg dry	0.244	1	EPA 537m Certifications:	05/24/2021 15:46	05/27/2021 20:35	WL
375-95-1	* Perfluorononanoic acid (PFNA)	ND		ug/kg dry	0.244	1	EPA 537m Certifications:	05/24/2021 15:46	05/27/2021 20:35	WL
335-76-2	* Perfluorodecanoic acid (PFDA)	ND		ug/kg dry	0.244	1	EPA 537m Certifications:	05/24/2021 15:46	05/27/2021 20:35	WL
2058-94-8	* Perfluoroundecanoic acid (PFUnA)	ND		ug/kg dry	0.244	1	EPA 537m Certifications:	05/24/2021 15:46	05/27/2021 20:35	WL
307-55-1	* Perfluorododecanoic acid (PFDoA)	ND		ug/kg dry	0.244	1	EPA 537m Certifications:	05/24/2021 15:46	05/27/2021 20:35	WL
72629-94-8	* Perfluorotridecanoic acid (PFTrDA)	ND		ug/kg dry	0.244	1	EPA 537m Certifications:	05/24/2021 15:46	05/27/2021 20:35	WL
376-06-7	* Perfluorotetradecanoic acid (PFTA)	ND		ug/kg dry	0.244	1	EPA 537m Certifications:	05/24/2021 15:46	05/27/2021 20:35	WL
2355-31-9	* N-MeFOSAA	ND		ug/kg dry	0.244	1	EPA 537m Certifications:	05/24/2021 15:46	05/27/2021 20:35	WL
2991-50-6	* N-EtFOSAA	ND		ug/kg dry	0.244	1	EPA 537m Certifications:	05/24/2021 15:46	05/27/2021 20:35	WL
2706-90-3	* Perfluoropentanoic acid (PFPeA)	ND		ug/kg dry	0.244	1	EPA 537m Certifications:	05/24/2021 15:46	05/27/2021 20:35	WL
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ug/kg dry	0.244	1	EPA 537m Certifications:	05/24/2021 15:46	05/27/2021 20:35	WL
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ug/kg dry	0.244	1	EPA 537m Certifications:	05/24/2021 15:46	05/27/2021 20:35	WL
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ug/kg dry	0.244	1	EPA 537m Certifications:	05/24/2021 15:46	05/27/2021 20:35	WL
27619-97-2	* 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ug/kg dry	0.244	1	EPA 537m Certifications:	05/24/2021 15:46	05/27/2021 20:35	WL
39108-34-4	* 1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ug/kg dry	0.244	1	EPA 537m Certifications:	05/24/2021 15:46	05/27/2021 20:35	WL
375-22-4	* Perfluoro-n-butanoic acid (PFBA)	ND		ug/kg dry	0.244	1	EPA 537m Certifications:	05/24/2021 15:46	05/27/2021 20:35	WL
Surrogate Recoveries		Result	Acceptance Range							
Surrogate: M3PFBS		74.6 %	25-150							
Surrogate: M5PFHxA		73.6 %	25-150							



Sample Information

Client Sample ID: Comp 10 20210519

York Sample ID: 21E0910-10

York Project (SDG) No.
21E0910

Client Project ID
560909-Onkey

Matrix
Soil

Collection Date/Time
May 19, 2021 11:45 am

Date Received
05/20/2021

PFAS, NYSDEC Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: SPE PFAS Extraction-Soil-EPA 537m

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Surrogate: M4PFHpA	67.5 %			25-150					
	Surrogate: M3PFHxS	69.2 %			25-150					
	Surrogate: Perfluoro-n- [13C8]octanoic acid (M8PFOA)	76.6 %			25-150					
	Surrogate: M6PFDA	74.5 %			25-150					
	Surrogate: M7PFUdA	69.9 %			25-150					
	Surrogate: Perfluoro-n- [1,2-13C2]dodecanoic acid (MPFDoA)	72.4 %			25-150					
	Surrogate: M2PFTeDA	63.6 %			10-150					
	Surrogate: Perfluoro-n- [13C4]butanoic acid (MPFBA)	88.5 %			25-150					
	Surrogate: Perfluoro-1- [13C8]octanesulfonic acid (M8PFOS)	69.5 %			25-150					
	Surrogate: Perfluoro-n- [13C5]pentanoic acid (M5PFPeA)	80.5 %			25-150					
	Surrogate: Perfluoro-1- [13C8]octanesulfonamide (M8FOSA)	57.5 %			10-150					
	Surrogate: d3-N-MeFOSAA	50.5 %			25-150					
	Surrogate: d5-N-EtFOSAA	70.5 %			25-150					
	Surrogate: M2-6:2 FTS	104 %			25-150					
	Surrogate: M2-8:2 FTS	134 %			25-150					
	Surrogate: M9PFNA	78.2 %			25-150					

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	94.3		%	0.100	1	SM 2540G Certifications: CTDOH	06/01/2021 15:25	06/01/2021 15:26	MD

Sample Information

Client Sample ID: Comp 11 20210519

York Sample ID: 21E0910-11

York Project (SDG) No.
21E0910

Client Project ID
560909-Onkey

Matrix
Soil

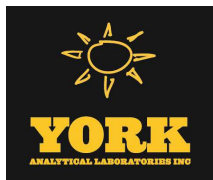
Collection Date/Time
May 19, 2021 12:15 pm

Date Received
05/20/2021

PFAS, NYSDEC Target List

Log-in Notes:

Sample Notes:



Sample Information

Client Sample ID: Comp 11 20210519

York Sample ID: 21E0910-11

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

21E0910

560909-Onkey

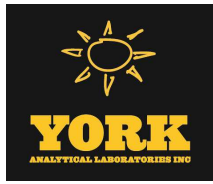
Soil

May 19, 2021 12:15 pm

05/20/2021

Sample Prepared by Method: SPE PFAS Extraction-Soil-EPA 537m

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-73-5	* Perfluorobutanesulfonic acid (PFBS)	ND		ug/kg dry	0.252	1	EPA 537m Certifications:	05/24/2021 15:46	05/27/2021 20:57	WL
307-24-4	* Perfluorohexanoic acid (PFHxA)	ND		ug/kg dry	0.252	1	EPA 537m Certifications:	05/24/2021 15:46	05/27/2021 20:57	WL
375-85-9	* Perfluoroheptanoic acid (PFHpA)	ND		ug/kg dry	0.252	1	EPA 537m Certifications:	05/24/2021 15:46	05/27/2021 20:57	WL
355-46-4	* Perfluorohexanesulfonic acid (PFHxS)	ND		ug/kg dry	0.252	1	EPA 537m Certifications:	05/24/2021 15:46	05/27/2021 20:57	WL
335-67-1	* Perfluorooctanoic acid (PFOA)	ND		ug/kg dry	0.252	1	EPA 537m Certifications:	05/24/2021 15:46	05/27/2021 20:57	WL
1763-23-1	* Perfluorooctanesulfonic acid (PFOS)	ND		ug/kg dry	0.252	1	EPA 537m Certifications:	05/24/2021 15:46	05/27/2021 20:57	WL
375-95-1	* Perfluorononanoic acid (PFNA)	ND		ug/kg dry	0.252	1	EPA 537m Certifications:	05/24/2021 15:46	05/27/2021 20:57	WL
335-76-2	* Perfluorodecanoic acid (PFDA)	ND		ug/kg dry	0.252	1	EPA 537m Certifications:	05/24/2021 15:46	05/27/2021 20:57	WL
2058-94-8	* Perfluoroundecanoic acid (PFUnA)	ND		ug/kg dry	0.252	1	EPA 537m Certifications:	05/24/2021 15:46	05/27/2021 20:57	WL
307-55-1	* Perfluorododecanoic acid (PFDoA)	ND		ug/kg dry	0.252	1	EPA 537m Certifications:	05/24/2021 15:46	05/27/2021 20:57	WL
72629-94-8	* Perfluorotridecanoic acid (PFTrDA)	ND		ug/kg dry	0.252	1	EPA 537m Certifications:	05/24/2021 15:46	05/27/2021 20:57	WL
376-06-7	* Perfluorotetradecanoic acid (PFTA)	ND		ug/kg dry	0.252	1	EPA 537m Certifications:	05/24/2021 15:46	05/27/2021 20:57	WL
2355-31-9	* N-MeFOSAA	ND		ug/kg dry	0.252	1	EPA 537m Certifications:	05/24/2021 15:46	05/27/2021 20:57	WL
2991-50-6	* N-EtFOSAA	ND		ug/kg dry	0.252	1	EPA 537m Certifications:	05/24/2021 15:46	05/27/2021 20:57	WL
2706-90-3	* Perfluoropentanoic acid (PFPeA)	ND		ug/kg dry	0.252	1	EPA 537m Certifications:	05/24/2021 15:46	05/27/2021 20:57	WL
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ug/kg dry	0.252	1	EPA 537m Certifications:	05/24/2021 15:46	05/27/2021 20:57	WL
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ug/kg dry	0.252	1	EPA 537m Certifications:	05/24/2021 15:46	05/27/2021 20:57	WL
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ug/kg dry	0.252	1	EPA 537m Certifications:	05/24/2021 15:46	05/27/2021 20:57	WL
27619-97-2	* 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ug/kg dry	0.252	1	EPA 537m Certifications:	05/24/2021 15:46	05/27/2021 20:57	WL
39108-34-4	* 1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ug/kg dry	0.252	1	EPA 537m Certifications:	05/24/2021 15:46	05/27/2021 20:57	WL
375-22-4	* Perfluoro-n-butanoic acid (PFBA)	ND		ug/kg dry	0.252	1	EPA 537m Certifications:	05/24/2021 15:46	05/27/2021 20:57	WL
Surrogate Recoveries		Result	Acceptance Range							
Surrogate: M3PFBS		72.1 %	25-150							
Surrogate: M5PFHxA		73.3 %	25-150							



Sample Information

Client Sample ID: Comp 11 20210519

York Sample ID: 21E0910-11

York Project (SDG) No.

21E0910

Client Project ID

560909-Onkey

Matrix

Soil

Collection Date/Time

May 19, 2021 12:15 pm

Date Received

05/20/2021

PFAS, NYSDEC Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: SPE PFAS Extraction-Soil-EPA 537m

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Surrogate: M4PFHpA	67.1 %			25-150					
	Surrogate: M3PFHxS	70.1 %			25-150					
	Surrogate: Perfluoro-n- [13C8]octanoic acid (M8PFOA)	83.0 %			25-150					
	Surrogate: M6PFDA	80.4 %			25-150					
	Surrogate: M7PFUdA	71.5 %			25-150					
	Surrogate: Perfluoro-n- [1,2-13C2]dodecanoic acid (MPFDoA)	70.1 %			25-150					
	Surrogate: M2PFTeDA	60.5 %			10-150					
	Surrogate: Perfluoro-n- [13C4]butanoic acid (MPFBA)	86.6 %			25-150					
	Surrogate: Perfluoro-1- [13C8]octanesulfonic acid (M8PFOS)	65.7 %			25-150					
	Surrogate: Perfluoro-n- [13C5]pentanoic acid (M5PFPeA)	81.1 %			25-150					
	Surrogate: Perfluoro-1- [13C8]octanesulfonamide (M8FOSA)	55.2 %			10-150					
	Surrogate: d3-N-MeFOSAA	56.3 %			25-150					
	Surrogate: d5-N-EtFOSAA	69.5 %			25-150					
	Surrogate: M2-6:2 FTS	161 %	PFSu-H		25-150					
	Surrogate: M2-8:2 FTS	222 %	PFSu-H		25-150					
	Surrogate: M9PFNA	78.2 %			25-150					

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	93.9		%	0.100	1	SM 2540G Certifications: CTDOH	06/01/2021 15:25	06/01/2021 15:26	MD

Sample Information

Client Sample ID: Comp 12 20210519

York Sample ID: 21E0910-12

York Project (SDG) No.

21E0910

Client Project ID

560909-Onkey

Matrix

Soil

Collection Date/Time

May 19, 2021 12:35 pm

Date Received

05/20/2021

PFAS, NYSDEC Target List

Log-in Notes:

Sample Notes:



Sample Information

Client Sample ID: Comp 12 20210519

York Sample ID: 21E0910-12

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

21E0910

560909-Onkey

Soil

May 19, 2021 12:35 pm

05/20/2021

Sample Prepared by Method: SPE PFAS Extraction-Soil-EPA 537m

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-73-5	* Perfluorobutanesulfonic acid (PFBS)	ND		ug/kg dry	0.265	1	EPA 537m Certifications:	05/24/2021 15:46	05/27/2021 21:20	WL
307-24-4	* Perfluorohexanoic acid (PFHxA)	ND		ug/kg dry	0.265	1	EPA 537m Certifications:	05/24/2021 15:46	05/27/2021 21:20	WL
375-85-9	* Perfluoroheptanoic acid (PFHpA)	ND		ug/kg dry	0.265	1	EPA 537m Certifications:	05/24/2021 15:46	05/27/2021 21:20	WL
355-46-4	* Perfluorohexanesulfonic acid (PFHxS)	ND		ug/kg dry	0.265	1	EPA 537m Certifications:	05/24/2021 15:46	05/27/2021 21:20	WL
335-67-1	* Perfluorooctanoic acid (PFOA)	ND		ug/kg dry	0.265	1	EPA 537m Certifications:	05/24/2021 15:46	05/27/2021 21:20	WL
1763-23-1	* Perfluorooctanesulfonic acid (PFOS)	ND		ug/kg dry	0.265	1	EPA 537m Certifications:	05/24/2021 15:46	05/27/2021 21:20	WL
375-95-1	* Perfluorononanoic acid (PFNA)	ND		ug/kg dry	0.265	1	EPA 537m Certifications:	05/24/2021 15:46	05/27/2021 21:20	WL
335-76-2	* Perfluorodecanoic acid (PFDA)	ND		ug/kg dry	0.265	1	EPA 537m Certifications:	05/24/2021 15:46	05/27/2021 21:20	WL
2058-94-8	* Perfluoroundecanoic acid (PFUnA)	ND		ug/kg dry	0.265	1	EPA 537m Certifications:	05/24/2021 15:46	05/27/2021 21:20	WL
307-55-1	* Perfluorododecanoic acid (PFDoA)	ND		ug/kg dry	0.265	1	EPA 537m Certifications:	05/24/2021 15:46	05/27/2021 21:20	WL
72629-94-8	* Perfluorotridecanoic acid (PFTrDA)	ND		ug/kg dry	0.265	1	EPA 537m Certifications:	05/24/2021 15:46	05/27/2021 21:20	WL
376-06-7	* Perfluorotetradecanoic acid (PFTA)	ND		ug/kg dry	0.265	1	EPA 537m Certifications:	05/24/2021 15:46	05/27/2021 21:20	WL
2355-31-9	* N-MeFOSAA	ND		ug/kg dry	0.265	1	EPA 537m Certifications:	05/24/2021 15:46	05/27/2021 21:20	WL
2991-50-6	* N-EtFOSAA	ND		ug/kg dry	0.265	1	EPA 537m Certifications:	05/24/2021 15:46	05/27/2021 21:20	WL
2706-90-3	* Perfluoropentanoic acid (PFPeA)	ND		ug/kg dry	0.265	1	EPA 537m Certifications:	05/24/2021 15:46	05/27/2021 21:20	WL
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ug/kg dry	0.265	1	EPA 537m Certifications:	05/24/2021 15:46	05/27/2021 21:20	WL
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ug/kg dry	0.265	1	EPA 537m Certifications:	05/24/2021 15:46	05/27/2021 21:20	WL
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ug/kg dry	0.265	1	EPA 537m Certifications:	05/24/2021 15:46	05/27/2021 21:20	WL
27619-97-2	* 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ug/kg dry	0.265	1	EPA 537m Certifications:	05/24/2021 15:46	05/27/2021 21:20	WL
39108-34-4	* 1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ug/kg dry	0.265	1	EPA 537m Certifications:	05/24/2021 15:46	05/27/2021 21:20	WL
375-22-4	* Perfluoro-n-butanoic acid (PFBA)	ND		ug/kg dry	0.265	1	EPA 537m Certifications:	05/24/2021 15:46	05/27/2021 21:20	WL
Surrogate Recoveries		Result	Acceptance Range							
Surrogate: M3PFBS		71.0 %	25-150							
Surrogate: M5PFHxA		75.3 %	25-150							



Sample Information

Client Sample ID: Comp 12 20210519

York Sample ID: 21E0910-12

York Project (SDG) No.

21E0910

Client Project ID

560909-Onkey

Matrix

Soil

Collection Date/Time

May 19, 2021 12:35 pm

Date Received

05/20/2021

PFAS, NYSDEC Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: SPE PFAS Extraction-Soil-EPA 537m

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Surrogate: M4PFHpA	68.2 %			25-150					
	Surrogate: M3PFHxS	65.5 %			25-150					
	Surrogate: Perfluoro-n- [13C8]octanoic acid (M8PFOA)	79.7 %			25-150					
	Surrogate: M6PFDA	76.5 %			25-150					
	Surrogate: M7PFUdA	70.9 %			25-150					
	Surrogate: Perfluoro-n- [1,2-13C2]dodecanoic acid (MPFDoA)	69.9 %			25-150					
	Surrogate: M2PFTeDA	60.5 %			10-150					
	Surrogate: Perfluoro-n- [13C4]butanoic acid (MPFBA)	86.4 %			25-150					
	Surrogate: Perfluoro-1- [13C8]octanesulfonic acid (M8PFOS)	61.7 %			25-150					
	Surrogate: Perfluoro-n- [13C5]pentanoic acid (M5PFPeA)	79.2 %			25-150					
	Surrogate: Perfluoro-1- [13C8]octanesulfonamide (M8FOSA)	48.5 %			10-150					
	Surrogate: d3-N-MeFOSAA	58.9 %			25-150					
	Surrogate: d5-N-EtFOSAA	75.8 %			25-150					
	Surrogate: M2-6:2 FTS	182 %	PFSu-H		25-150					
	Surrogate: M2-8:2 FTS	302 %	PFSu-H		25-150					
	Surrogate: M9PFNA	79.4 %			25-150					

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	93.9		%	0.100	1	SM 2540G Certifications: CTDOH	06/01/2021 15:25	06/01/2021 15:26	MD

Sample Information

Client Sample ID: Comp 13 20210519

York Sample ID: 21E0910-13

York Project (SDG) No.

21E0910

Client Project ID

560909-Onkey

Matrix

Soil

Collection Date/Time

May 19, 2021 12:05 pm

Date Received

05/20/2021

PFAS, NYSDEC Target List

Log-in Notes:

Sample Notes:



Sample Information

Client Sample ID: Comp 13 20210519

York Sample ID: 21E0910-13

York Project (SDG) No.
21E0910

Client Project ID
560909-Onkey

Matrix
Soil

Collection Date/Time
May 19, 2021 12:05 pm

Date Received
05/20/2021

Sample Prepared by Method: SPE PFAS Extraction-Soil-EPA 537m

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-73-5	* Perfluorobutanesulfonic acid (PFBS)	ND		ug/kg dry	0.257	1	EPA 537m Certifications:	05/24/2021 15:46	05/27/2021 22:04	WL
307-24-4	* Perfluorohexanoic acid (PFHxA)	ND		ug/kg dry	0.257	1	EPA 537m Certifications:	05/24/2021 15:46	05/27/2021 22:04	WL
375-85-9	* Perfluoroheptanoic acid (PFHpA)	ND		ug/kg dry	0.257	1	EPA 537m Certifications:	05/24/2021 15:46	05/27/2021 22:04	WL
355-46-4	* Perfluorohexanesulfonic acid (PFHxS)	ND		ug/kg dry	0.257	1	EPA 537m Certifications:	05/24/2021 15:46	05/27/2021 22:04	WL
335-67-1	* Perfluorooctanoic acid (PFOA)	ND		ug/kg dry	0.257	1	EPA 537m Certifications:	05/24/2021 15:46	05/27/2021 22:04	WL
1763-23-1	* Perfluorooctanesulfonic acid (PFOS)	ND		ug/kg dry	0.257	1	EPA 537m Certifications:	05/24/2021 15:46	05/27/2021 22:04	WL
375-95-1	* Perfluorononanoic acid (PFNA)	ND		ug/kg dry	0.257	1	EPA 537m Certifications:	05/24/2021 15:46	05/27/2021 22:04	WL
335-76-2	* Perfluorodecanoic acid (PFDA)	ND		ug/kg dry	0.257	1	EPA 537m Certifications:	05/24/2021 15:46	05/27/2021 22:04	WL
2058-94-8	* Perfluoroundecanoic acid (PFUnA)	ND		ug/kg dry	0.257	1	EPA 537m Certifications:	05/24/2021 15:46	05/27/2021 22:04	WL
307-55-1	* Perfluorododecanoic acid (PFDoA)	ND		ug/kg dry	0.257	1	EPA 537m Certifications:	05/24/2021 15:46	05/27/2021 22:04	WL
72629-94-8	* Perfluorotridecanoic acid (PFTrDA)	ND		ug/kg dry	0.257	1	EPA 537m Certifications:	05/24/2021 15:46	05/27/2021 22:04	WL
376-06-7	* Perfluorotetradecanoic acid (PFTA)	ND		ug/kg dry	0.257	1	EPA 537m Certifications:	05/24/2021 15:46	05/27/2021 22:04	WL
2355-31-9	* N-MeFOSAA	ND		ug/kg dry	0.257	1	EPA 537m Certifications:	05/24/2021 15:46	05/27/2021 22:04	WL
2991-50-6	* N-EtFOSAA	ND		ug/kg dry	0.257	1	EPA 537m Certifications:	05/24/2021 15:46	05/27/2021 22:04	WL
2706-90-3	* Perfluoropentanoic acid (PFPeA)	ND		ug/kg dry	0.257	1	EPA 537m Certifications:	05/24/2021 15:46	05/27/2021 22:04	WL
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ug/kg dry	0.257	1	EPA 537m Certifications:	05/24/2021 15:46	05/27/2021 22:04	WL
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ug/kg dry	0.257	1	EPA 537m Certifications:	05/24/2021 15:46	05/27/2021 22:04	WL
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ug/kg dry	0.257	1	EPA 537m Certifications:	05/24/2021 15:46	05/27/2021 22:04	WL
27619-97-2	* 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ug/kg dry	0.257	1	EPA 537m Certifications:	05/24/2021 15:46	05/27/2021 22:04	WL
39108-34-4	* 1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ug/kg dry	0.257	1	EPA 537m Certifications:	05/24/2021 15:46	05/27/2021 22:04	WL
375-22-4	* Perfluoro-n-butanoic acid (PFBA)	ND		ug/kg dry	0.257	1	EPA 537m Certifications:	05/24/2021 15:46	05/27/2021 22:04	WL
Surrogate Recoveries		Result	Acceptance Range							
Surrogate: M3PFBS		75.2 %	25-150							
Surrogate: M5PFHxA		78.1 %	25-150							



Sample Information

Client Sample ID: Comp 13 20210519

York Sample ID: 21E0910-13

York Project (SDG) No.
21E0910

Client Project ID
560909-Onkey

Matrix
Soil

Collection Date/Time
May 19, 2021 12:05 pm

Date Received
05/20/2021

PFAS, NYSDEC Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: SPE PFAS Extraction-Soil-EPA 537m

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Surrogate: M4PFHpA	71.6 %			25-150					
	Surrogate: M3PFHxS	70.3 %			25-150					
	Surrogate: Perfluoro-n- [13C8]octanoic acid (M8PFOA)	81.3 %			25-150					
	Surrogate: M6PFDA	80.8 %			25-150					
	Surrogate: M7PFUdA	66.9 %			25-150					
	Surrogate: Perfluoro-n- [1,2-13C2]dodecanoic acid (MPFDoA)	62.2 %			25-150					
	Surrogate: M2PFTeDA	53.4 %			10-150					
	Surrogate: Perfluoro-n- [13C4]butanoic acid (MPFBA)	91.1 %			25-150					
	Surrogate: Perfluoro-1- [13C8]octanesulfonic acid (M8PFOS)	64.9 %			25-150					
	Surrogate: Perfluoro-n- [13C5]pentanoic acid (M5PFPeA)	85.4 %			25-150					
	Surrogate: Perfluoro-1- [13C8]octanesulfonamide (M8FOSA)	48.8 %			10-150					
	Surrogate: d3-N-MeFOSAA	59.6 %			25-150					
	Surrogate: d5-N-EtFOSAA	71.8 %			25-150					
	Surrogate: M2-6:2 FTS	195 %	PFSu-H		25-150					
	Surrogate: M2-8:2 FTS	266 %	PFSu-H		25-150					
	Surrogate: M9PFNA	84.4 %			25-150					

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	94.0		%	0.100	1	SM 2540G Certifications: CTDOH	06/01/2021 15:25	06/01/2021 15:26	MD

Sample Information

Client Sample ID: Comp 14 20210519

York Sample ID: 21E0910-14

York Project (SDG) No.
21E0910

Client Project ID
560909-Onkey

Matrix
Soil

Collection Date/Time
May 19, 2021 12:30 pm

Date Received
05/20/2021

PFAS, NYSDEC Target List

Log-in Notes:

Sample Notes:



Sample Information

Client Sample ID: Comp 14 20210519

York Sample ID: 21E0910-14

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

21E0910

560909-Onkey

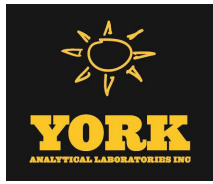
Soil

May 19, 2021 12:30 pm

05/20/2021

Sample Prepared by Method: SPE PFAS Extraction-Soil-EPA 537m

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-73-5	* Perfluorobutanesulfonic acid (PFBS)	ND		ug/kg dry	0.261	1	EPA 537m Certifications:	05/24/2021 15:50	05/26/2021 12:57	WL
307-24-4	* Perfluorohexanoic acid (PFHxA)	ND		ug/kg dry	0.261	1	EPA 537m Certifications:	05/24/2021 15:50	05/26/2021 12:57	WL
375-85-9	* Perfluoroheptanoic acid (PFHpA)	ND		ug/kg dry	0.261	1	EPA 537m Certifications:	05/24/2021 15:50	05/26/2021 12:57	WL
355-46-4	* Perfluorohexanesulfonic acid (PFHxS)	ND		ug/kg dry	0.261	1	EPA 537m Certifications:	05/24/2021 15:50	05/26/2021 12:57	WL
335-67-1	* Perfluorooctanoic acid (PFOA)	ND		ug/kg dry	0.261	1	EPA 537m Certifications:	05/24/2021 15:50	05/26/2021 12:57	WL
1763-23-1	* Perfluorooctanesulfonic acid (PFOS)	ND		ug/kg dry	0.261	1	EPA 537m Certifications:	05/24/2021 15:50	05/26/2021 12:57	WL
375-95-1	* Perfluorononanoic acid (PFNA)	ND		ug/kg dry	0.261	1	EPA 537m Certifications:	05/24/2021 15:50	05/26/2021 12:57	WL
335-76-2	* Perfluorodecanoic acid (PFDA)	ND		ug/kg dry	0.261	1	EPA 537m Certifications:	05/24/2021 15:50	05/26/2021 12:57	WL
2058-94-8	* Perfluoroundecanoic acid (PFUnA)	ND		ug/kg dry	0.261	1	EPA 537m Certifications:	05/24/2021 15:50	05/26/2021 12:57	WL
307-55-1	* Perfluorododecanoic acid (PFDoA)	ND		ug/kg dry	0.261	1	EPA 537m Certifications:	05/24/2021 15:50	05/26/2021 12:57	WL
72629-94-8	* Perfluorotridecanoic acid (PFTrDA)	ND		ug/kg dry	0.261	1	EPA 537m Certifications:	05/24/2021 15:50	05/26/2021 12:57	WL
376-06-7	* Perfluorotetradecanoic acid (PFTA)	ND		ug/kg dry	0.261	1	EPA 537m Certifications:	05/24/2021 15:50	05/26/2021 12:57	WL
2355-31-9	* N-MeFOSAA	ND		ug/kg dry	0.261	1	EPA 537m Certifications:	05/24/2021 15:50	05/26/2021 12:57	WL
2991-50-6	* N-EtFOSAA	ND		ug/kg dry	0.261	1	EPA 537m Certifications:	05/24/2021 15:50	05/26/2021 12:57	WL
2706-90-3	* Perfluoropentanoic acid (PFPeA)	ND		ug/kg dry	0.261	1	EPA 537m Certifications:	05/24/2021 15:50	05/26/2021 12:57	WL
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ug/kg dry	0.261	1	EPA 537m Certifications:	05/24/2021 15:50	05/26/2021 12:57	WL
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ug/kg dry	0.261	1	EPA 537m Certifications:	05/24/2021 15:50	05/26/2021 12:57	WL
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ug/kg dry	0.261	1	EPA 537m Certifications:	05/24/2021 15:50	05/26/2021 12:57	WL
27619-97-2	* 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ug/kg dry	0.261	1	EPA 537m Certifications:	05/24/2021 15:50	05/26/2021 12:57	WL
39108-34-4	* 1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ug/kg dry	0.261	1	EPA 537m Certifications:	05/24/2021 15:50	05/26/2021 12:57	WL
375-22-4	* Perfluoro-n-butanoic acid (PFBA)	ND		ug/kg dry	0.261	1	EPA 537m Certifications:	05/24/2021 15:50	05/26/2021 12:57	WL
Surrogate Recoveries		Result	Acceptance Range							
Surrogate: M3PFBS		68.7 %	25-150							
Surrogate: M5PFHxA		70.7 %	25-150							



Sample Information

Client Sample ID: Comp 14 20210519

York Sample ID: 21E0910-14

York Project (SDG) No.

21E0910

Client Project ID

560909-Onkey

Matrix

Soil

Collection Date/Time

May 19, 2021 12:30 pm

Date Received

05/20/2021

PFAS, NYSDEC Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: SPE PFAS Extraction-Soil-EPA 537m

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Surrogate: M4PFHpA	69.3 %			25-150					
	Surrogate: M3PFHxS	66.2 %			25-150					
	Surrogate: Perfluoro-n- [13C8]octanoic acid (M8PFOA)	75.3 %			25-150					
	Surrogate: M6PFDA	74.0 %			25-150					
	Surrogate: M7PFUdA	66.3 %			25-150					
	Surrogate: Perfluoro-n- [1,2-13C2]dodecanoic acid (MPFDoA)	64.3 %			25-150					
	Surrogate: M2PFTeDA	54.0 %			10-150					
	Surrogate: Perfluoro-n- [13C4]butanoic acid (MPFBA)	79.9 %			25-150					
	Surrogate: Perfluoro-1- [13C8]octanesulfonic acid (M8PFOS)	58.9 %			25-150					
	Surrogate: Perfluoro-n- [13C5]pentanoic acid (M5PFPeA)	74.7 %			25-150					
	Surrogate: Perfluoro-1- [13C8]octanesulfonamide (M8FOSA)	55.3 %			10-150					
	Surrogate: d3-N-MeFOSAA	62.8 %			25-150					
	Surrogate: d5-N-EtFOSAA	78.5 %			25-150					
	Surrogate: M2-6:2 FTS	188 %	PFSu-H		25-150					
	Surrogate: M2-8:2 FTS	260 %	PFSu-H		25-150					
	Surrogate: M9PFNA	76.6 %			25-150					

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	94.0		%	0.100	1	SM 2540G Certifications: CTDOH	06/01/2021 15:25	06/01/2021 15:26	MD

Sample Information

Client Sample ID: Comp 15 20210519

York Sample ID: 21E0910-15

York Project (SDG) No.

21E0910

Client Project ID

560909-Onkey

Matrix

Soil

Collection Date/Time

May 19, 2021 11:55 am

Date Received

05/20/2021

PFAS, NYSDEC Target List

Log-in Notes:

Sample Notes:



Sample Information

Client Sample ID: Comp 15 20210519

York Sample ID: 21E0910-15

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

21E0910

560909-Onkey

Soil

May 19, 2021 11:55 am

05/20/2021

Sample Prepared by Method: SPE PFAS Extraction-Soil-EPA 537m

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-73-5	* Perfluorobutanesulfonic acid (PFBS)	ND		ug/kg dry	0.261	1	EPA 537m Certifications:	05/24/2021 15:50	05/26/2021 13:20	WL
307-24-4	* Perfluorohexanoic acid (PFHxA)	ND		ug/kg dry	0.261	1	EPA 537m Certifications:	05/24/2021 15:50	05/26/2021 13:20	WL
375-85-9	* Perfluoroheptanoic acid (PFHpA)	ND		ug/kg dry	0.261	1	EPA 537m Certifications:	05/24/2021 15:50	05/26/2021 13:20	WL
355-46-4	* Perfluorohexanesulfonic acid (PFHxS)	ND		ug/kg dry	0.261	1	EPA 537m Certifications:	05/24/2021 15:50	05/26/2021 13:20	WL
335-67-1	* Perfluorooctanoic acid (PFOA)	ND		ug/kg dry	0.261	1	EPA 537m Certifications:	05/24/2021 15:50	05/26/2021 13:20	WL
1763-23-1	* Perfluorooctanesulfonic acid (PFOS)	ND		ug/kg dry	0.261	1	EPA 537m Certifications:	05/24/2021 15:50	05/26/2021 13:20	WL
375-95-1	* Perfluorononanoic acid (PFNA)	ND		ug/kg dry	0.261	1	EPA 537m Certifications:	05/24/2021 15:50	05/26/2021 13:20	WL
335-76-2	* Perfluorodecanoic acid (PFDA)	ND		ug/kg dry	0.261	1	EPA 537m Certifications:	05/24/2021 15:50	05/26/2021 13:20	WL
2058-94-8	* Perfluoroundecanoic acid (PFUnA)	ND		ug/kg dry	0.261	1	EPA 537m Certifications:	05/24/2021 15:50	05/26/2021 13:20	WL
307-55-1	* Perfluorododecanoic acid (PFDoA)	ND		ug/kg dry	0.261	1	EPA 537m Certifications:	05/24/2021 15:50	05/26/2021 13:20	WL
72629-94-8	* Perfluorotridecanoic acid (PFTrDA)	ND		ug/kg dry	0.261	1	EPA 537m Certifications:	05/24/2021 15:50	05/26/2021 13:20	WL
376-06-7	* Perfluorotetradecanoic acid (PFTA)	ND		ug/kg dry	0.261	1	EPA 537m Certifications:	05/24/2021 15:50	05/26/2021 13:20	WL
2355-31-9	* N-MeFOSAA	ND		ug/kg dry	0.261	1	EPA 537m Certifications:	05/24/2021 15:50	05/26/2021 13:20	WL
2991-50-6	* N-EtFOSAA	ND		ug/kg dry	0.261	1	EPA 537m Certifications:	05/24/2021 15:50	05/26/2021 13:20	WL
2706-90-3	* Perfluoropentanoic acid (PFPeA)	ND		ug/kg dry	0.261	1	EPA 537m Certifications:	05/24/2021 15:50	05/26/2021 13:20	WL
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ug/kg dry	0.261	1	EPA 537m Certifications:	05/24/2021 15:50	05/26/2021 13:20	WL
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ug/kg dry	0.261	1	EPA 537m Certifications:	05/24/2021 15:50	05/26/2021 13:20	WL
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ug/kg dry	0.261	1	EPA 537m Certifications:	05/24/2021 15:50	05/26/2021 13:20	WL
27619-97-2	* 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ug/kg dry	0.261	1	EPA 537m Certifications:	05/24/2021 15:50	05/26/2021 13:20	WL
39108-34-4	* 1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ug/kg dry	0.261	1	EPA 537m Certifications:	05/24/2021 15:50	05/26/2021 13:20	WL
375-22-4	* Perfluoro-n-butanoic acid (PFBA)	ND		ug/kg dry	0.261	1	EPA 537m Certifications:	05/24/2021 15:50	05/26/2021 13:20	WL
Surrogate Recoveries		Result	Acceptance Range							
Surrogate: M3PFBS		75.3 %	25-150							
Surrogate: M5PFHxA		78.4 %	25-150							



Sample Information

Client Sample ID: Comp 15 20210519

York Sample ID: 21E0910-15

York Project (SDG) No.

21E0910

Client Project ID

560909-Onkey

Matrix

Soil

Collection Date/Time

May 19, 2021 11:55 am

Date Received

05/20/2021

PFAS, NYSDEC Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: SPE PFAS Extraction-Soil-EPA 537m

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Surrogate: M4PFHpA	76.6 %			25-150					
	Surrogate: M3PFHxS	69.1 %			25-150					
	Surrogate: Perfluoro-n- [13C8]octanoic acid (M8PFOA)	82.4 %			25-150					
	Surrogate: M6PFDA	70.8 %			25-150					
	Surrogate: M7PFUdA	71.9 %			25-150					
	Surrogate: Perfluoro-n- [1,2-13C2]dodecanoic acid (MPFDoA)	75.2 %			25-150					
	Surrogate: M2PFTeDA	62.9 %			10-150					
	Surrogate: Perfluoro-n- [13C4]butanoic acid (MPFBA)	88.2 %			25-150					
	Surrogate: Perfluoro-1- [13C8]octanesulfonic acid (M8PFOS)	63.2 %			25-150					
	Surrogate: Perfluoro-n- [13C5]pentanoic acid (M5PFPeA)	83.9 %			25-150					
	Surrogate: Perfluoro-1- [13C8]octanesulfonamide (M8FOSA)	61.8 %			10-150					
	Surrogate: d3-N-MeFOSAA	65.3 %			25-150					
	Surrogate: d5-N-EtFOSAA	78.3 %			25-150					
	Surrogate: M2-6:2 FTS	142 %			25-150					
	Surrogate: M2-8:2 FTS	217 %	PFSu-H		25-150					
	Surrogate: M9PFNA	75.8 %			25-150					

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	93.7		%	0.100	1	SM 2540G Certifications: CTDOH	06/01/2021 15:25	06/01/2021 15:26	MD

Sample Information

Client Sample ID: Comp 16 20210519

York Sample ID: 21E0910-16

York Project (SDG) No.

21E0910

Client Project ID

560909-Onkey

Matrix

Soil

Collection Date/Time

May 19, 2021 12:05 pm

Date Received

05/20/2021

PFAS, NYSDEC Target List

Log-in Notes:

Sample Notes:



Sample Information

Client Sample ID: Comp 16 20210519

York Sample ID: 21E0910-16

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

21E0910

560909-Onkey

Soil

May 19, 2021 12:05 pm

05/20/2021

Sample Prepared by Method: SPE PFAS Extraction-Soil-EPA 537m

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-73-5	* Perfluorobutanesulfonic acid (PFBS)	ND		ug/kg dry	0.256	1	EPA 537m Certifications:	05/24/2021 15:50	05/26/2021 13:42	WL
307-24-4	* Perfluorohexanoic acid (PFHxA)	ND		ug/kg dry	0.256	1	EPA 537m Certifications:	05/24/2021 15:50	05/26/2021 13:42	WL
375-85-9	* Perfluoroheptanoic acid (PFHpA)	ND		ug/kg dry	0.256	1	EPA 537m Certifications:	05/24/2021 15:50	05/26/2021 13:42	WL
355-46-4	* Perfluorohexanesulfonic acid (PFHxS)	ND		ug/kg dry	0.256	1	EPA 537m Certifications:	05/24/2021 15:50	05/26/2021 13:42	WL
335-67-1	* Perfluorooctanoic acid (PFOA)	ND		ug/kg dry	0.256	1	EPA 537m Certifications:	05/24/2021 15:50	05/26/2021 13:42	WL
1763-23-1	* Perfluorooctanesulfonic acid (PFOS)	ND		ug/kg dry	0.256	1	EPA 537m Certifications:	05/24/2021 15:50	05/26/2021 13:42	WL
375-95-1	* Perfluorononanoic acid (PFNA)	ND		ug/kg dry	0.256	1	EPA 537m Certifications:	05/24/2021 15:50	05/26/2021 13:42	WL
335-76-2	* Perfluorodecanoic acid (PFDA)	ND		ug/kg dry	0.256	1	EPA 537m Certifications:	05/24/2021 15:50	05/26/2021 13:42	WL
2058-94-8	* Perfluoroundecanoic acid (PFUnA)	ND		ug/kg dry	0.256	1	EPA 537m Certifications:	05/24/2021 15:50	05/26/2021 13:42	WL
307-55-1	* Perfluorododecanoic acid (PFDoA)	ND		ug/kg dry	0.256	1	EPA 537m Certifications:	05/24/2021 15:50	05/26/2021 13:42	WL
72629-94-8	* Perfluorotridecanoic acid (PFTrDA)	ND		ug/kg dry	0.256	1	EPA 537m Certifications:	05/24/2021 15:50	05/26/2021 13:42	WL
376-06-7	* Perfluorotetradecanoic acid (PFTA)	ND		ug/kg dry	0.256	1	EPA 537m Certifications:	05/24/2021 15:50	05/26/2021 13:42	WL
2355-31-9	* N-MeFOSAA	ND		ug/kg dry	0.256	1	EPA 537m Certifications:	05/24/2021 15:50	05/26/2021 13:42	WL
2991-50-6	* N-EtFOSAA	ND		ug/kg dry	0.256	1	EPA 537m Certifications:	05/24/2021 15:50	05/26/2021 13:42	WL
2706-90-3	* Perfluoropentanoic acid (PFPeA)	ND		ug/kg dry	0.256	1	EPA 537m Certifications:	05/24/2021 15:50	05/26/2021 13:42	WL
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ug/kg dry	0.256	1	EPA 537m Certifications:	05/24/2021 15:50	05/26/2021 13:42	WL
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ug/kg dry	0.256	1	EPA 537m Certifications:	05/24/2021 15:50	05/26/2021 13:42	WL
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ug/kg dry	0.256	1	EPA 537m Certifications:	05/24/2021 15:50	05/26/2021 13:42	WL
27619-97-2	* 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ug/kg dry	0.256	1	EPA 537m Certifications:	05/24/2021 15:50	05/26/2021 13:42	WL
39108-34-4	* 1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ug/kg dry	0.256	1	EPA 537m Certifications:	05/24/2021 15:50	05/26/2021 13:42	WL
375-22-4	* Perfluoro-n-butanoic acid (PFBA)	ND		ug/kg dry	0.256	1	EPA 537m Certifications:	05/24/2021 15:50	05/26/2021 13:42	WL
Surrogate Recoveries		Result	Acceptance Range							
Surrogate: M3PFBS		67.2 %	25-150							
Surrogate: M5PFHxA		71.1 %	25-150							



Sample Information

Client Sample ID: Comp 16 20210519

York Sample ID: 21E0910-16

York Project (SDG) No.
21E0910

Client Project ID
560909-Onkey

Matrix
Soil

Collection Date/Time
May 19, 2021 12:05 pm

Date Received
05/20/2021

PFAS, NYSDEC Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: SPE PFAS Extraction-Soil-EPA 537m

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Surrogate: M4PFHpA	70.2 %			25-150					
	Surrogate: M3PFHxS	65.1 %			25-150					
	Surrogate: Perfluoro-n- [13C8]octanoic acid (M8PFOA)	72.4 %			25-150					
	Surrogate: M6PFDA	76.1 %			25-150					
	Surrogate: M7PFUdA	69.2 %			25-150					
	Surrogate: Perfluoro-n- [1,2-13C2]dodecanoic acid (MPFDoA)	69.2 %			25-150					
	Surrogate: M2PFTeDA	61.6 %			10-150					
	Surrogate: Perfluoro-n- [13C4]butanoic acid (MPFBA)	81.1 %			25-150					
	Surrogate: Perfluoro-1- [13C8]octanesulfonic acid (M8PFOS)	61.4 %			25-150					
	Surrogate: Perfluoro-n- [13C5]pentanoic acid (M5PFPeA)	77.6 %			25-150					
	Surrogate: Perfluoro-1- [13C8]octanesulfonamide (M8FOSA)	55.9 %			10-150					
	Surrogate: d3-N-MeFOSAA	57.9 %			25-150					
	Surrogate: d5-N-EtFOSAA	71.2 %			25-150					
	Surrogate: M2-6:2 FTS	175 %	PFSu-H		25-150					
	Surrogate: M2-8:2 FTS	246 %	PFSu-H		25-150					
	Surrogate: M9PFNA	72.9 %			25-150					

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	94.0		%	0.100	1	SM 2540G Certifications: CTDOH	06/01/2021 15:25	06/01/2021 15:26	MD

Sample Information

Client Sample ID: Comp 17 20210519

York Sample ID: 21E0910-17

York Project (SDG) No.
21E0910

Client Project ID
560909-Onkey

Matrix
Soil

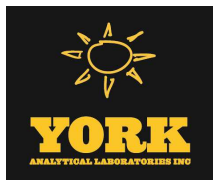
Collection Date/Time
May 19, 2021 12:10 pm

Date Received
05/20/2021

PFAS, NYSDEC Target List

Log-in Notes:

Sample Notes:



Sample Information

Client Sample ID: Comp 17 20210519

York Sample ID: 21E0910-17

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

21E0910

560909-Onkey

Soil

May 19, 2021 12:10 pm

05/20/2021

Sample Prepared by Method: SPE PFAS Extraction-Soil-EPA 537m

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-73-5	* Perfluorobutanesulfonic acid (PFBS)	ND		ug/kg dry	0.266	1	EPA 537m Certifications:	05/24/2021 15:50	05/26/2021 14:04	WL
307-24-4	* Perfluorohexanoic acid (PFHxA)	ND		ug/kg dry	0.266	1	EPA 537m Certifications:	05/24/2021 15:50	05/26/2021 14:04	WL
375-85-9	* Perfluoroheptanoic acid (PFHpA)	ND		ug/kg dry	0.266	1	EPA 537m Certifications:	05/24/2021 15:50	05/26/2021 14:04	WL
355-46-4	* Perfluorohexanesulfonic acid (PFHxS)	ND		ug/kg dry	0.266	1	EPA 537m Certifications:	05/24/2021 15:50	05/26/2021 14:04	WL
335-67-1	* Perfluorooctanoic acid (PFOA)	ND		ug/kg dry	0.266	1	EPA 537m Certifications:	05/24/2021 15:50	05/26/2021 14:04	WL
1763-23-1	* Perfluorooctanesulfonic acid (PFOS)	ND		ug/kg dry	0.266	1	EPA 537m Certifications:	05/24/2021 15:50	05/26/2021 14:04	WL
375-95-1	* Perfluorononanoic acid (PFNA)	ND		ug/kg dry	0.266	1	EPA 537m Certifications:	05/24/2021 15:50	05/26/2021 14:04	WL
335-76-2	* Perfluorodecanoic acid (PFDA)	ND		ug/kg dry	0.266	1	EPA 537m Certifications:	05/24/2021 15:50	05/26/2021 14:04	WL
2058-94-8	* Perfluoroundecanoic acid (PFUnA)	ND		ug/kg dry	0.266	1	EPA 537m Certifications:	05/24/2021 15:50	05/26/2021 14:04	WL
307-55-1	* Perfluorododecanoic acid (PFDoA)	ND		ug/kg dry	0.266	1	EPA 537m Certifications:	05/24/2021 15:50	05/26/2021 14:04	WL
72629-94-8	* Perfluorotridecanoic acid (PFTrDA)	ND		ug/kg dry	0.266	1	EPA 537m Certifications:	05/24/2021 15:50	05/26/2021 14:04	WL
376-06-7	* Perfluorotetradecanoic acid (PFTA)	ND		ug/kg dry	0.266	1	EPA 537m Certifications:	05/24/2021 15:50	05/26/2021 14:04	WL
2355-31-9	* N-MeFOSAA	ND		ug/kg dry	0.266	1	EPA 537m Certifications:	05/24/2021 15:50	05/26/2021 14:04	WL
2991-50-6	* N-EtFOSAA	ND		ug/kg dry	0.266	1	EPA 537m Certifications:	05/24/2021 15:50	05/26/2021 14:04	WL
2706-90-3	* Perfluoropentanoic acid (PFPeA)	ND		ug/kg dry	0.266	1	EPA 537m Certifications:	05/24/2021 15:50	05/26/2021 14:04	WL
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ug/kg dry	0.266	1	EPA 537m Certifications:	05/24/2021 15:50	05/26/2021 14:04	WL
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ug/kg dry	0.266	1	EPA 537m Certifications:	05/24/2021 15:50	05/26/2021 14:04	WL
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ug/kg dry	0.266	1	EPA 537m Certifications:	05/24/2021 15:50	05/26/2021 14:04	WL
27619-97-2	* 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ug/kg dry	0.266	1	EPA 537m Certifications:	05/24/2021 15:50	05/26/2021 14:04	WL
39108-34-4	* 1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ug/kg dry	0.266	1	EPA 537m Certifications:	05/24/2021 15:50	05/26/2021 14:04	WL
375-22-4	* Perfluoro-n-butanoic acid (PFBA)	ND		ug/kg dry	0.266	1	EPA 537m Certifications:	05/24/2021 15:50	05/26/2021 14:04	WL
Surrogate Recoveries		Result	Acceptance Range							
Surrogate: M3PFBS		75.8 %	25-150							
Surrogate: M5PFHxA		79.3 %	25-150							



Sample Information

Client Sample ID: Comp 17 20210519

York Sample ID: 21E0910-17

York Project (SDG) No.
21E0910

Client Project ID
560909-Onkey

Matrix
Soil

Collection Date/Time
May 19, 2021 12:10 pm

Date Received
05/20/2021

PFAS, NYSDEC Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: SPE PFAS Extraction-Soil-EPA 537m

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Surrogate: M4PFHpA	77.6 %			25-150					
	Surrogate: M3PFHxS	71.5 %			25-150					
	Surrogate: Perfluoro-n- [13C8]octanoic acid (M8PFOA)	84.6 %			25-150					
	Surrogate: M6PFDA	81.9 %			25-150					
	Surrogate: M7PFUdA	69.8 %			25-150					
	Surrogate: Perfluoro-n- [1,2-13C2]dodecanoic acid (MPFDoA)	69.3 %			25-150					
	Surrogate: M2PFTeDA	59.0 %			10-150					
	Surrogate: Perfluoro-n- [13C4]butanoic acid (MPFBA)	90.0 %			25-150					
	Surrogate: Perfluoro-1- [13C8]octanesulfonic acid (M8PFOS)	65.6 %			25-150					
	Surrogate: Perfluoro-n- [13C5]pentanoic acid (M5PFPeA)	85.0 %			25-150					
	Surrogate: Perfluoro-1- [13C8]octanesulfonamide (M8FOSA)	49.6 %			10-150					
	Surrogate: d3-N-MeFOSAA	65.6 %			25-150					
	Surrogate: d5-N-EtFOSAA	78.5 %			25-150					
	Surrogate: M2-6:2 FTS	162 %	PFSu-H		25-150					
	Surrogate: M2-8:2 FTS	241 %	PFSu-H		25-150					
	Surrogate: M9PFNA	82.9 %			25-150					

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	93.8		%	0.100	1	SM 2540G Certifications: CTDOH	06/01/2021 15:25	06/01/2021 15:26	MD

Sample Information

Client Sample ID: Comp 18 20210519

York Sample ID: 21E0910-18

York Project (SDG) No.
21E0910

Client Project ID
560909-Onkey

Matrix
Soil

Collection Date/Time
May 19, 2021 11:35 am

Date Received
05/20/2021

PFAS, NYSDEC Target List

Log-in Notes:

Sample Notes:



Sample Information

Client Sample ID: Comp 18 20210519

York Sample ID: 21E0910-18

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

21E0910

560909-Onkey

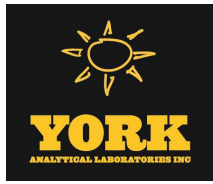
Soil

May 19, 2021 11:35 am

05/20/2021

Sample Prepared by Method: SPE PFAS Extraction-Soil-EPA 537m

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-73-5	* Perfluorobutanesulfonic acid (PFBS)	ND		ug/kg dry	0.242	1	EPA 537m Certifications:	05/24/2021 15:50	05/26/2021 14:26	WL
307-24-4	* Perfluorohexanoic acid (PFHxA)	ND		ug/kg dry	0.242	1	EPA 537m Certifications:	05/24/2021 15:50	05/26/2021 14:26	WL
375-85-9	* Perfluoroheptanoic acid (PFHpA)	ND		ug/kg dry	0.242	1	EPA 537m Certifications:	05/24/2021 15:50	05/26/2021 14:26	WL
355-46-4	* Perfluorohexanesulfonic acid (PFHxS)	ND		ug/kg dry	0.242	1	EPA 537m Certifications:	05/24/2021 15:50	05/26/2021 14:26	WL
335-67-1	* Perfluorooctanoic acid (PFOA)	ND		ug/kg dry	0.242	1	EPA 537m Certifications:	05/24/2021 15:50	05/26/2021 14:26	WL
1763-23-1	* Perfluorooctanesulfonic acid (PFOS)	ND		ug/kg dry	0.242	1	EPA 537m Certifications:	05/24/2021 15:50	05/26/2021 14:26	WL
375-95-1	* Perfluorononanoic acid (PFNA)	ND		ug/kg dry	0.242	1	EPA 537m Certifications:	05/24/2021 15:50	05/26/2021 14:26	WL
335-76-2	* Perfluorodecanoic acid (PFDA)	ND		ug/kg dry	0.242	1	EPA 537m Certifications:	05/24/2021 15:50	05/26/2021 14:26	WL
2058-94-8	* Perfluoroundecanoic acid (PFUnA)	ND		ug/kg dry	0.242	1	EPA 537m Certifications:	05/24/2021 15:50	05/26/2021 14:26	WL
307-55-1	* Perfluorododecanoic acid (PFDoA)	ND		ug/kg dry	0.242	1	EPA 537m Certifications:	05/24/2021 15:50	05/26/2021 14:26	WL
72629-94-8	* Perfluorotridecanoic acid (PFTrDA)	ND		ug/kg dry	0.242	1	EPA 537m Certifications:	05/24/2021 15:50	05/26/2021 14:26	WL
376-06-7	* Perfluorotetradecanoic acid (PFTA)	ND		ug/kg dry	0.242	1	EPA 537m Certifications:	05/24/2021 15:50	05/26/2021 14:26	WL
2355-31-9	* N-MeFOSAA	ND		ug/kg dry	0.242	1	EPA 537m Certifications:	05/24/2021 15:50	05/26/2021 14:26	WL
2991-50-6	* N-EtFOSAA	ND		ug/kg dry	0.242	1	EPA 537m Certifications:	05/24/2021 15:50	05/26/2021 14:26	WL
2706-90-3	* Perfluoropentanoic acid (PFPeA)	ND		ug/kg dry	0.242	1	EPA 537m Certifications:	05/24/2021 15:50	05/26/2021 14:26	WL
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ug/kg dry	0.242	1	EPA 537m Certifications:	05/24/2021 15:50	05/26/2021 14:26	WL
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ug/kg dry	0.242	1	EPA 537m Certifications:	05/24/2021 15:50	05/26/2021 14:26	WL
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ug/kg dry	0.242	1	EPA 537m Certifications:	05/24/2021 15:50	05/26/2021 14:26	WL
27619-97-2	* 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ug/kg dry	0.242	1	EPA 537m Certifications:	05/24/2021 15:50	05/26/2021 14:26	WL
39108-34-4	* 1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ug/kg dry	0.242	1	EPA 537m Certifications:	05/24/2021 15:50	05/26/2021 14:26	WL
375-22-4	* Perfluoro-n-butanoic acid (PFBA)	ND		ug/kg dry	0.242	1	EPA 537m Certifications:	05/24/2021 15:50	05/26/2021 14:26	WL
Surrogate Recoveries		Result	Acceptance Range							
Surrogate: M3PFBS		74.5 %	25-150							
Surrogate: M5PFHxA		79.3 %	25-150							



Sample Information

Client Sample ID: Comp 18 20210519

York Sample ID: 21E0910-18

York Project (SDG) No.

21E0910

Client Project ID

560909-Onkey

Matrix

Soil

Collection Date/Time

May 19, 2021 11:35 am

Date Received

05/20/2021

PFAS, NYSDEC Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: SPE PFAS Extraction-Soil-EPA 537m

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Surrogate: M4PFHpA	74.1 %			25-150					
	Surrogate: M3PFHxS	73.0 %			25-150					
	Surrogate: Perfluoro-n- [13C8]octanoic acid (M8PFOA)	79.7 %			25-150					
	Surrogate: M6PFDA	74.4 %			25-150					
	Surrogate: M7PFUdA	63.0 %			25-150					
	Surrogate: Perfluoro-n- [1,2-13C2]dodecanoic acid (MPFDoA)	67.5 %			25-150					
	Surrogate: M2PFTeDA	55.2 %			10-150					
	Surrogate: Perfluoro-n- [13C4]butanoic acid (MPFBA)	87.0 %			25-150					
	Surrogate: Perfluoro-1- [13C8]octanesulfonic acid (M8PFOS)	59.9 %			25-150					
	Surrogate: Perfluoro-n- [13C5]pentanoic acid (M5PFPeA)	83.2 %			25-150					
	Surrogate: Perfluoro-1- [13C8]octanesulfonamide (M8FOSA)	53.4 %			10-150					
	Surrogate: d3-N-MeFOSAA	56.0 %			25-150					
	Surrogate: d5-N-EtFOSAA	78.1 %			25-150					
	Surrogate: M2-6:2 FTS	151 %	PFSu-H		25-150					
	Surrogate: M2-8:2 FTS	196 %	PFSu-H		25-150					
	Surrogate: M9PFNA	79.5 %			25-150					

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	94.4		%	0.100	1	SM 2540G Certifications: CTDH	06/01/2021 15:25	06/01/2021 15:26	MD

Sample Information

Client Sample ID: Comp 19 20210519

York Sample ID: 21E0910-19

York Project (SDG) No.

21E0910

Client Project ID

560909-Onkey

Matrix

Soil

Collection Date/Time

May 19, 2021 12:15 pm

Date Received

05/20/2021

PFAS, NYSDEC Target List

Log-in Notes:

Sample Notes:



Sample Information

Client Sample ID: Comp 19 20210519

York Sample ID: 21E0910-19

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

21E0910

560909-Onkey

Soil

May 19, 2021 12:15 pm

05/20/2021

Sample Prepared by Method: SPE PFAS Extraction-Soil-EPA 537m

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-73-5	* Perfluorobutanesulfonic acid (PFBS)	ND		ug/kg dry	0.246	1	EPA 537m Certifications:	05/24/2021 15:50	05/26/2021 14:49	WL
307-24-4	* Perfluorohexanoic acid (PFHxA)	ND		ug/kg dry	0.246	1	EPA 537m Certifications:	05/24/2021 15:50	05/26/2021 14:49	WL
375-85-9	* Perfluoroheptanoic acid (PFHpA)	ND		ug/kg dry	0.246	1	EPA 537m Certifications:	05/24/2021 15:50	05/26/2021 14:49	WL
355-46-4	* Perfluorohexanesulfonic acid (PFHxS)	ND		ug/kg dry	0.246	1	EPA 537m Certifications:	05/24/2021 15:50	05/26/2021 14:49	WL
335-67-1	* Perfluorooctanoic acid (PFOA)	ND		ug/kg dry	0.246	1	EPA 537m Certifications:	05/24/2021 15:50	05/26/2021 14:49	WL
1763-23-1	* Perfluorooctanesulfonic acid (PFOS)	ND		ug/kg dry	0.246	1	EPA 537m Certifications:	05/24/2021 15:50	05/26/2021 14:49	WL
375-95-1	* Perfluorononanoic acid (PFNA)	ND		ug/kg dry	0.246	1	EPA 537m Certifications:	05/24/2021 15:50	05/26/2021 14:49	WL
335-76-2	* Perfluorodecanoic acid (PFDA)	ND		ug/kg dry	0.246	1	EPA 537m Certifications:	05/24/2021 15:50	05/26/2021 14:49	WL
2058-94-8	* Perfluoroundecanoic acid (PFUnA)	ND		ug/kg dry	0.246	1	EPA 537m Certifications:	05/24/2021 15:50	05/26/2021 14:49	WL
307-55-1	* Perfluorododecanoic acid (PFDoA)	ND		ug/kg dry	0.246	1	EPA 537m Certifications:	05/24/2021 15:50	05/26/2021 14:49	WL
72629-94-8	* Perfluorotridecanoic acid (PFTrDA)	ND		ug/kg dry	0.246	1	EPA 537m Certifications:	05/24/2021 15:50	05/26/2021 14:49	WL
376-06-7	* Perfluorotetradecanoic acid (PFTA)	ND		ug/kg dry	0.246	1	EPA 537m Certifications:	05/24/2021 15:50	05/26/2021 14:49	WL
2355-31-9	* N-MeFOSAA	ND		ug/kg dry	0.246	1	EPA 537m Certifications:	05/24/2021 15:50	05/26/2021 14:49	WL
2991-50-6	* N-EtFOSAA	ND		ug/kg dry	0.246	1	EPA 537m Certifications:	05/24/2021 15:50	05/26/2021 14:49	WL
2706-90-3	* Perfluoropentanoic acid (PFPeA)	ND		ug/kg dry	0.246	1	EPA 537m Certifications:	05/24/2021 15:50	05/26/2021 14:49	WL
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ug/kg dry	0.246	1	EPA 537m Certifications:	05/24/2021 15:50	05/26/2021 14:49	WL
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ug/kg dry	0.246	1	EPA 537m Certifications:	05/24/2021 15:50	05/26/2021 14:49	WL
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ug/kg dry	0.246	1	EPA 537m Certifications:	05/24/2021 15:50	05/26/2021 14:49	WL
27619-97-2	* 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ug/kg dry	0.246	1	EPA 537m Certifications:	05/24/2021 15:50	05/26/2021 14:49	WL
39108-34-4	* 1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ug/kg dry	0.246	1	EPA 537m Certifications:	05/24/2021 15:50	05/26/2021 14:49	WL
375-22-4	* Perfluoro-n-butanoic acid (PFBA)	ND		ug/kg dry	0.246	1	EPA 537m Certifications:	05/24/2021 15:50	05/26/2021 14:49	WL
Surrogate Recoveries		Result	Acceptance Range							
Surrogate: M3PFBS		66.4 %	25-150							
Surrogate: M5PFHxA		71.8 %	25-150							



Sample Information

Client Sample ID: Comp 19 20210519

York Sample ID: 21E0910-19

York Project (SDG) No.
21E0910

Client Project ID
560909-Onkey

Matrix
Soil

Collection Date/Time
May 19, 2021 12:15 pm

Date Received
05/20/2021

PFAS, NYSDEC Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: SPE PFAS Extraction-Soil-EPA 537m

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Surrogate: M4PFHpA	72.1 %			25-150					
	Surrogate: M3PFHxS	60.0 %			25-150					
	Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	79.5 %			25-150					
	Surrogate: M6PFDA	71.0 %			25-150					
	Surrogate: M7PFUdA	63.3 %			25-150					
	Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	65.2 %			25-150					
	Surrogate: M2PFTeDA	47.6 %			10-150					
	Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	82.3 %			25-150					
	Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	56.8 %			25-150					
	Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	78.6 %			25-150					
	Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	50.7 %			10-150					
	Surrogate: d3-N-MeFOSAA	59.5 %			25-150					
	Surrogate: d5-N-EtFOSAA	76.3 %			25-150					
	Surrogate: M2-6:2 FTS	161 %	PFSu-H		25-150					
	Surrogate: M2-8:2 FTS	208 %	PFSu-H		25-150					
	Surrogate: M9PFNA	73.8 %			25-150					

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	94.1		%	0.100	1	SM 2540G	06/01/2021 15:25	06/01/2021 15:26	MD
							Certifications:	CTDOH		

Sample Information

Client Sample ID: Comp 20 20210519

York Sample ID: 21E0910-20

York Project (SDG) No.
21E0910

Client Project ID
560909-Onkey

Matrix
Soil

Collection Date/Time
May 19, 2021 12:30 pm

Date Received
05/20/2021

PFAS, NYSDEC Target List

Log-in Notes:

Sample Notes:



Sample Information

Client Sample ID: Comp 20 20210519

York Sample ID: 21E0910-20

York Project (SDG) No.
21E0910

Client Project ID
560909-Onkey

Matrix
Soil

Collection Date/Time
May 19, 2021 12:30 pm

Date Received
05/20/2021

Sample Prepared by Method: SPE PFAS Extraction-Soil-EPA 537m

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-73-5	* Perfluorobutanesulfonic acid (PFBS)	ND		ug/kg dry	0.254	1	EPA 537m Certifications:	05/24/2021 15:50	05/26/2021 15:11	WL
307-24-4	* Perfluorohexanoic acid (PFHxA)	ND		ug/kg dry	0.254	1	EPA 537m Certifications:	05/24/2021 15:50	05/26/2021 15:11	WL
375-85-9	* Perfluoroheptanoic acid (PFHpA)	ND		ug/kg dry	0.254	1	EPA 537m Certifications:	05/24/2021 15:50	05/26/2021 15:11	WL
355-46-4	* Perfluorohexanesulfonic acid (PFHxS)	ND		ug/kg dry	0.254	1	EPA 537m Certifications:	05/24/2021 15:50	05/26/2021 15:11	WL
335-67-1	* Perfluorooctanoic acid (PFOA)	ND		ug/kg dry	0.254	1	EPA 537m Certifications:	05/24/2021 15:50	05/26/2021 15:11	WL
1763-23-1	* Perfluorooctanesulfonic acid (PFOS)	ND		ug/kg dry	0.254	1	EPA 537m Certifications:	05/24/2021 15:50	05/26/2021 15:11	WL
375-95-1	* Perfluorononanoic acid (PFNA)	ND		ug/kg dry	0.254	1	EPA 537m Certifications:	05/24/2021 15:50	05/26/2021 15:11	WL
335-76-2	* Perfluorodecanoic acid (PFDA)	ND		ug/kg dry	0.254	1	EPA 537m Certifications:	05/24/2021 15:50	05/26/2021 15:11	WL
2058-94-8	* Perfluoroundecanoic acid (PFUnA)	ND		ug/kg dry	0.254	1	EPA 537m Certifications:	05/24/2021 15:50	05/26/2021 15:11	WL
307-55-1	* Perfluorododecanoic acid (PFDoA)	ND		ug/kg dry	0.254	1	EPA 537m Certifications:	05/24/2021 15:50	05/26/2021 15:11	WL
72629-94-8	* Perfluorotridecanoic acid (PFTrDA)	ND		ug/kg dry	0.254	1	EPA 537m Certifications:	05/24/2021 15:50	05/26/2021 15:11	WL
376-06-7	* Perfluorotetradecanoic acid (PFTA)	ND		ug/kg dry	0.254	1	EPA 537m Certifications:	05/24/2021 15:50	05/26/2021 15:11	WL
2355-31-9	* N-MeFOSAA	ND		ug/kg dry	0.254	1	EPA 537m Certifications:	05/24/2021 15:50	05/26/2021 15:11	WL
2991-50-6	* N-EtFOSAA	ND		ug/kg dry	0.254	1	EPA 537m Certifications:	05/24/2021 15:50	05/26/2021 15:11	WL
2706-90-3	* Perfluoropentanoic acid (PFPeA)	ND		ug/kg dry	0.254	1	EPA 537m Certifications:	05/24/2021 15:50	05/26/2021 15:11	WL
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ug/kg dry	0.254	1	EPA 537m Certifications:	05/24/2021 15:50	05/26/2021 15:11	WL
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ug/kg dry	0.254	1	EPA 537m Certifications:	05/24/2021 15:50	05/26/2021 15:11	WL
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ug/kg dry	0.254	1	EPA 537m Certifications:	05/24/2021 15:50	05/26/2021 15:11	WL
27619-97-2	* 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ug/kg dry	0.254	1	EPA 537m Certifications:	05/24/2021 15:50	05/26/2021 15:11	WL
39108-34-4	* 1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ug/kg dry	0.254	1	EPA 537m Certifications:	05/24/2021 15:50	05/26/2021 15:11	WL
375-22-4	* Perfluoro-n-butanoic acid (PFBA)	ND		ug/kg dry	0.254	1	EPA 537m Certifications:	05/24/2021 15:50	05/26/2021 15:11	WL
Surrogate Recoveries		Result	Acceptance Range							
Surrogate: M3PFBS		76.3 %	25-150							
Surrogate: M5PFHxA		80.4 %	25-150							



Sample Information

Client Sample ID: Comp 20 20210519

York Sample ID: 21E0910-20

York Project (SDG) No.
21E0910

Client Project ID
560909-Onkey

Matrix
Soil

Collection Date/Time
May 19, 2021 12:30 pm

Date Received
05/20/2021

PFAS, NYSDEC Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: SPE PFAS Extraction-Soil-EPA 537m

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Surrogate: M4PFHpA	76.5 %			25-150					
	Surrogate: M3PFHxS	71.2 %			25-150					
	Surrogate: Perfluoro-n- [13C8]octanoic acid (M8PFOA)	81.4 %			25-150					
	Surrogate: M6PFDA	78.4 %			25-150					
	Surrogate: M7PFUdA	67.4 %			25-150					
	Surrogate: Perfluoro-n- [1,2-13C2]dodecanoic acid (MPFDoA)	63.6 %			25-150					
	Surrogate: M2PFTeDA	56.0 %			10-150					
	Surrogate: Perfluoro-n- [13C4]butanoic acid (MPFBA)	87.6 %			25-150					
	Surrogate: Perfluoro-1- [13C8]octanesulfonic acid (M8PFOS)	64.7 %			25-150					
	Surrogate: Perfluoro-n- [13C5]pentanoic acid (M5PFPeA)	85.6 %			25-150					
	Surrogate: Perfluoro-1- [13C8]octanesulfonamide (M8FOSA)	49.9 %			10-150					
	Surrogate: d3-N-MeFOSAA	60.4 %			25-150					
	Surrogate: d5-N-EtFOSAA	75.3 %			25-150					
	Surrogate: M2-6:2 FTS	162 %	PFSu-H		25-150					
	Surrogate: M2-8:2 FTS	181 %	PFSu-H		25-150					
	Surrogate: M9PFNA	81.7 %			25-150					

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	94.5		%	0.100	1	SM 2540G Certifications: CTDOH	06/01/2021 15:25	06/01/2021 15:26	MD

Sample Information

Client Sample ID: Comp 21 20210519

York Sample ID: 21E0910-21

York Project (SDG) No.
21E0910

Client Project ID
560909-Onkey

Matrix
Soil

Collection Date/Time
May 19, 2021 12:30 pm

Date Received
05/20/2021

PFAS, NYSDEC Target List

Log-in Notes:

Sample Notes:



Sample Information

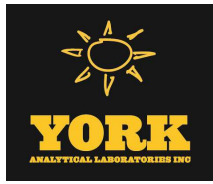
Client Sample ID: Comp 21 20210519

York Sample ID: 21E0910-21

<u>York Project (SDG) No.</u>	<u>Client Project ID</u>	<u>Matrix</u>	<u>Collection Date/Time</u>	<u>Date Received</u>
21E0910	560909-Onkey	Soil	May 19, 2021 12:30 pm	05/20/2021

Sample Prepared by Method: SPE PFAS Extraction-Soil-EPA 537m

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-73-5	* Perfluorobutanesulfonic acid (PFBS)	ND		ug/kg dry	0.263	1	EPA 537m Certifications:	05/24/2021 15:50	05/26/2021 16:40	WL
307-24-4	* Perfluorohexanoic acid (PFHxA)	ND		ug/kg dry	0.263	1	EPA 537m Certifications:	05/24/2021 15:50	05/26/2021 16:40	WL
375-85-9	* Perfluoroheptanoic acid (PFHpA)	ND		ug/kg dry	0.263	1	EPA 537m Certifications:	05/24/2021 15:50	05/26/2021 16:40	WL
355-46-4	* Perfluorohexanesulfonic acid (PFHxS)	ND		ug/kg dry	0.263	1	EPA 537m Certifications:	05/24/2021 15:50	05/26/2021 16:40	WL
335-67-1	* Perfluorooctanoic acid (PFOA)	ND		ug/kg dry	0.263	1	EPA 537m Certifications:	05/24/2021 15:50	05/26/2021 16:40	WL
1763-23-1	* Perfluorooctanesulfonic acid (PFOS)	ND		ug/kg dry	0.263	1	EPA 537m Certifications:	05/24/2021 15:50	05/26/2021 16:40	WL
375-95-1	* Perfluorononanoic acid (PFNA)	ND		ug/kg dry	0.263	1	EPA 537m Certifications:	05/24/2021 15:50	05/26/2021 16:40	WL
335-76-2	* Perfluorodecanoic acid (PFDA)	ND		ug/kg dry	0.263	1	EPA 537m Certifications:	05/24/2021 15:50	05/26/2021 16:40	WL
2058-94-8	* Perfluoroundecanoic acid (PFUnA)	ND		ug/kg dry	0.263	1	EPA 537m Certifications:	05/24/2021 15:50	05/26/2021 16:40	WL
307-55-1	* Perfluorododecanoic acid (PFDoA)	ND		ug/kg dry	0.263	1	EPA 537m Certifications:	05/24/2021 15:50	05/26/2021 16:40	WL
72629-94-8	* Perfluorotridecanoic acid (PFTrDA)	ND		ug/kg dry	0.263	1	EPA 537m Certifications:	05/24/2021 15:50	05/26/2021 16:40	WL
376-06-7	* Perfluorotetradecanoic acid (PFTA)	ND		ug/kg dry	0.263	1	EPA 537m Certifications:	05/24/2021 15:50	05/26/2021 16:40	WL
2355-31-9	* N-MeFOSAA	ND		ug/kg dry	0.263	1	EPA 537m Certifications:	05/24/2021 15:50	05/26/2021 16:40	WL
2991-50-6	* N-EtFOSAA	ND		ug/kg dry	0.263	1	EPA 537m Certifications:	05/24/2021 15:50	05/26/2021 16:40	WL
2706-90-3	* Perfluoropentanoic acid (PFPeA)	ND		ug/kg dry	0.263	1	EPA 537m Certifications:	05/24/2021 15:50	05/26/2021 16:40	WL
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ug/kg dry	0.263	1	EPA 537m Certifications:	05/24/2021 15:50	05/26/2021 16:40	WL
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ug/kg dry	0.263	1	EPA 537m Certifications:	05/24/2021 15:50	05/26/2021 16:40	WL
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ug/kg dry	0.263	1	EPA 537m Certifications:	05/24/2021 15:50	05/26/2021 16:40	WL
27619-97-2	* 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ug/kg dry	0.263	1	EPA 537m Certifications:	05/24/2021 15:50	05/26/2021 16:40	WL
39108-34-4	* 1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ug/kg dry	0.263	1	EPA 537m Certifications:	05/24/2021 15:50	05/26/2021 16:40	WL
375-22-4	* Perfluoro-n-butanoic acid (PFBA)	ND		ug/kg dry	0.263	1	EPA 537m Certifications:	05/24/2021 15:50	05/26/2021 16:40	WL
Surrogate Recoveries		Result	Acceptance Range							
Surrogate: M3PFBS		73.3 %	25-150							
Surrogate: M5PFHxA		78.2 %	25-150							



Sample Information

Client Sample ID: Comp 21 20210519

York Sample ID: 21E0910-21

York Project (SDG) No.

21E0910

Client Project ID

560909-Onkey

Matrix

Soil

Collection Date/Time

May 19, 2021 12:30 pm

Date Received

05/20/2021

PFAS, NYSDEC Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: SPE PFAS Extraction-Soil-EPA 537m

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Surrogate: M4PFHpA	72.7 %			25-150					
	Surrogate: M3PFHxS	70.1 %			25-150					
	Surrogate: Perfluoro-n- [13C8]octanoic acid (M8PFOA)	82.6 %			25-150					
	Surrogate: M6PFDA	78.9 %			25-150					
	Surrogate: M7PFUdA	76.6 %			25-150					
	Surrogate: Perfluoro-n- [1,2-13C2]dodecanoic acid (MPFDoA)	72.9 %			25-150					
	Surrogate: M2PFTeDA	63.3 %			10-150					
	Surrogate: Perfluoro-n- [13C4]butanoic acid (MPFBA)	87.9 %			25-150					
	Surrogate: Perfluoro-1- [13C8]octanesulfonic acid (M8PFOS)	67.3 %			25-150					
	Surrogate: Perfluoro-n- [13C5]pentanoic acid (M5PFPeA)	84.5 %			25-150					
	Surrogate: Perfluoro-1- [13C8]octanesulfonamide (M8FOSA)	61.5 %			10-150					
	Surrogate: d3-N-MeFOSAA	65.0 %			25-150					
	Surrogate: d5-N-EtFOSAA	85.1 %			25-150					
	Surrogate: M2-6:2 FTS	150 %	PFSu-H		25-150					
	Surrogate: M2-8:2 FTS	199 %	PFSu-H		25-150					
	Surrogate: M9PFNA	83.7 %			25-150					

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	94.6		%	0.100	1	SM 2540G Certifications: CTDOH	06/01/2021 15:34	06/01/2021 15:35	MD

Sample Information

Client Sample ID: FB 20210519

York Sample ID: 21E0910-22

York Project (SDG) No.

21E0910

Client Project ID

560909-Onkey

Matrix

Water

Collection Date/Time

May 19, 2021 11:00 am

Date Received

05/20/2021

PFAS, NYSDEC Target List

Log-in Notes:

Sample Notes:



Sample Information

Client Sample ID: FB 20210519

York Sample ID: 21E0910-22

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

21E0910

560909-Onkey

Water

May 19, 2021 11:00 am

05/20/2021

Sample Prepared by Method: SPE Ext-PFAS-EPA 537.1M

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-73-5	* Perfluorobutanesulfonic acid (PFBS)	ND		ng/L	1.56	1	EPA 537m Certifications:	05/24/2021 12:24	05/25/2021 18:37	WL
307-24-4	* Perfluorohexanoic acid (PFHxA)	ND		ng/L	1.56	1	EPA 537m Certifications:	05/24/2021 12:24	05/25/2021 18:37	WL
375-85-9	* Perfluoroheptanoic acid (PFHpA)	ND		ng/L	1.56	1	EPA 537m Certifications:	05/24/2021 12:24	05/25/2021 18:37	WL
355-46-4	* Perfluorohexanesulfonic acid (PFHxS)	ND		ng/L	1.56	1	EPA 537m Certifications:	05/24/2021 12:24	05/25/2021 18:37	WL
335-67-1	* Perfluorooctanoic acid (PFOA)	ND		ng/L	1.56	1	EPA 537m Certifications:	05/24/2021 12:24	05/25/2021 18:37	WL
1763-23-1	* Perfluorooctanesulfonic acid (PFOS)	ND		ng/L	1.56	1	EPA 537m Certifications:	05/24/2021 12:24	05/25/2021 18:37	WL
375-95-1	* Perfluorononanoic acid (PFNA)	ND		ng/L	1.56	1	EPA 537m Certifications:	05/24/2021 12:24	05/25/2021 18:37	WL
335-76-2	* Perfluorodecanoic acid (PFDA)	ND		ng/L	1.56	1	EPA 537m Certifications:	05/24/2021 12:24	05/25/2021 18:37	WL
2058-94-8	* Perfluoroundecanoic acid (PFUnA)	ND		ng/L	1.56	1	EPA 537m Certifications:	05/24/2021 12:24	05/25/2021 18:37	WL
307-55-1	* Perfluorododecanoic acid (PFDoA)	ND		ng/L	1.56	1	EPA 537m Certifications:	05/24/2021 12:24	05/25/2021 18:37	WL
72629-94-8	* Perfluorotridecanoic acid (PFTrDA)	ND		ng/L	1.56	1	EPA 537m Certifications:	05/24/2021 12:24	05/25/2021 18:37	WL
376-06-7	* Perfluorotetradecanoic acid (PFTA)	ND		ng/L	1.56	1	EPA 537m Certifications:	05/24/2021 12:24	05/25/2021 18:37	WL
2355-31-9	* N-MeFOSAA	ND		ng/L	1.56	1	EPA 537m Certifications:	05/24/2021 12:24	05/25/2021 18:37	WL
2991-50-6	* N-EtFOSAA	ND		ng/L	1.56	1	EPA 537m Certifications:	05/24/2021 12:24	05/25/2021 18:37	WL
2706-90-3	* Perfluoropentanoic acid (PFPeA)	ND		ng/L	1.56	1	EPA 537m Certifications:	05/24/2021 12:24	05/25/2021 18:37	WL
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ng/L	1.56	1	EPA 537m Certifications:	05/24/2021 12:24	05/25/2021 18:37	WL
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ng/L	1.56	1	EPA 537m Certifications:	05/24/2021 12:24	05/25/2021 18:37	WL
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ng/L	1.56	1	EPA 537m Certifications:	05/24/2021 12:24	05/25/2021 18:37	WL
27619-97-2	* 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ng/L	3.91	1	EPA 537m Certifications:	05/24/2021 12:24	05/25/2021 18:37	WL
39108-34-4	* 1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ng/L	1.56	1	EPA 537m Certifications:	05/24/2021 12:24	05/25/2021 18:37	WL
375-22-4	* Perfluoro-n-butanoic acid (PFBA)	ND		ng/L	1.56	1	EPA 537m Certifications:	05/24/2021 12:24	05/25/2021 18:37	WL
Surrogate Recoveries		Result	Acceptance Range							
Surrogate: M3PFBS		92.7 %	25-150							
Surrogate: M5PFHxA		87.8 %	25-150							



Sample Information

Client Sample ID: FB 20210519

York Sample ID: 21E0910-22

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

21E0910

560909-Onkey

Water

May 19, 2021 11:00 am

05/20/2021

PFAS, NYSDEC Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: SPE Ext-PFAS-EPA 537.1M

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Surrogate: M4PFHpA	90.6 %			25-150					
	Surrogate: M3PFHxS	88.4 %			25-150					
	Surrogate: Perfluoro-n- [13C8]octanoic acid (M8PFOA)	94.8 %			25-150					
	Surrogate: M6PFDA	93.3 %			25-150					
	Surrogate: M7PFUdA	79.9 %			25-150					
	Surrogate: Perfluoro-n- [1,2-13C2]dodecanoic acid (MPFDoA)	66.6 %			25-150					
	Surrogate: M2PFTeDA	36.2 %			10-150					
	Surrogate: Perfluoro-n- [13C4]butanoic acid (MPFBA)	93.5 %			25-150					
	Surrogate: Perfluoro-1- [13C8]octanesulfonic acid (M8PFOS)	97.7 %			25-150					
	Surrogate: Perfluoro-n- [13C5]pentanoic acid (M5PFPeA)	89.8 %			25-150					
	Surrogate: Perfluoro-1- [13C8]octanesulfonamide (M8FOSA)	44.6 %			10-150					
	Surrogate: d3-N-MeFOSAA	62.9 %			25-150					
	Surrogate: d5-N-EtFOSAA	67.8 %			25-150					
	Surrogate: M2-6:2 FTS	252 %	PFSH		25-150					
	Surrogate: M2-8:2 FTS	305 %	PFSH		25-150					
	Surrogate: M9PFNA	92.7 %			25-150					



Analytical Batch Summary

Batch ID: BE11219 **Preparation Method:** SPE Ext-PFAS-EPA 537.1M **Prepared By:** SG

YORK Sample ID	Client Sample ID	Preparation Date
21E0910-22	FB 20210519	05/24/21
BE11219-BLK1	Blank	05/24/21
BE11219-BS1	LCS	05/24/21
BE11219-BSD1	LCS Dup	05/24/21

Batch ID: BE11240 **Preparation Method:** SPE PFAS Extraction-Soil-EPA 537m **Prepared By:** SG

YORK Sample ID	Client Sample ID	Preparation Date
21E0910-01	Comp 1 20210519	05/24/21
21E0910-02	Comp 2 20210519	05/24/21
21E0910-03	Comp 3 20210519	05/24/21
21E0910-04	Comp 4 20210519	05/24/21
21E0910-05	Comp 5 20210519	05/24/21
21E0910-06	Comp 6 20210519	05/24/21
21E0910-07	Comp 7 20210519	05/24/21
21E0910-08	Comp 8 20210519	05/24/21
21E0910-09	Comp 9 20210519	05/24/21
21E0910-10	Comp 10 20210519	05/24/21
21E0910-11	Comp 11 20210519	05/24/21
21E0910-12	Comp 12 20210519	05/24/21
21E0910-13	Comp 13 20210519	05/24/21
BE11240-BLK1	Blank	05/24/21
BE11240-BS1	LCS	05/24/21
BE11240-MS1	Matrix Spike	05/24/21
BE11240-MSD1	Matrix Spike Dup	05/24/21

Batch ID: BE11241 **Preparation Method:** SPE PFAS Extraction-Soil-EPA 537m **Prepared By:** SG

YORK Sample ID	Client Sample ID	Preparation Date
21E0910-14	Comp 14 20210519	05/24/21
21E0910-15	Comp 15 20210519	05/24/21
21E0910-16	Comp 16 20210519	05/24/21
21E0910-17	Comp 17 20210519	05/24/21
21E0910-18	Comp 18 20210519	05/24/21
21E0910-19	Comp 19 20210519	05/24/21
21E0910-20	Comp 20 20210519	05/24/21
21E0910-21	Comp 21 20210519	05/24/21
BE11241-BLK1	Blank	05/24/21
BE11241-BS1	LCS	05/24/21
BE11241-MS1	Matrix Spike	05/24/21
BE11241-MSD1	Matrix Spike Dup	05/24/21

Batch ID: BF10051 **Preparation Method:** % Solids Prep **Prepared By:** MD



YORK Sample ID	Client Sample ID	Preparation Date
21E0910-01	Comp 1 20210519	06/01/21
21E0910-02	Comp 2 20210519	06/01/21
21E0910-03	Comp 3 20210519	06/01/21
21E0910-04	Comp 4 20210519	06/01/21
21E0910-05	Comp 5 20210519	06/01/21
21E0910-06	Comp 6 20210519	06/01/21
21E0910-07	Comp 7 20210519	06/01/21
21E0910-08	Comp 8 20210519	06/01/21
21E0910-09	Comp 9 20210519	06/01/21
21E0910-10	Comp 10 20210519	06/01/21
21E0910-11	Comp 11 20210519	06/01/21
21E0910-12	Comp 12 20210519	06/01/21
21E0910-13	Comp 13 20210519	06/01/21
21E0910-14	Comp 14 20210519	06/01/21
21E0910-15	Comp 15 20210519	06/01/21
21E0910-16	Comp 16 20210519	06/01/21
21E0910-17	Comp 17 20210519	06/01/21
21E0910-18	Comp 18 20210519	06/01/21
21E0910-19	Comp 19 20210519	06/01/21
21E0910-20	Comp 20 20210519	06/01/21
BF10051-DUP1	Duplicate	06/01/21

Batch ID: BF10052

Preparation Method: % Solids Prep

Prepared By: MD

YORK Sample ID	Client Sample ID	Preparation Date
21E0910-21	Comp 21 20210519	06/01/21
BF10052-DUP1	Duplicate	06/01/21



PFAS Target compounds by LC/MS-MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
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Batch BE11219 - SPE Ext-PFAS-EPA 537.1M

Blank (BE11219-BLK1)

Prepared: 05/24/2021 Analyzed: 05/25/2021

Perfluorobutanesulfonic acid (PFBS)	ND	2.00	ng/L								
Perfluorohexanoic acid (PFHxA)	ND	2.00	"								
Perfluoroheptanoic acid (PFHpA)	ND	2.00	"								
Perfluorohexanesulfonic acid (PFHxS)	ND	2.00	"								
Perfluorooctanoic acid (PFOA)	ND	2.00	"								
Perfluorooctanesulfonic acid (PFOS)	ND	2.00	"								
Perfluorononanoic acid (PFNA)	ND	2.00	"								
Perfluorodecanoic acid (PFDA)	ND	2.00	"								
Perfluoroundecanoic acid (PFUnA)	ND	2.00	"								
Perfluorododecanoic acid (PFDoA)	ND	2.00	"								
Perfluorotridecanoic acid (PFTriDA)	ND	2.00	"								
Perfluorotetradecanoic acid (PFTA)	ND	2.00	"								
N-MeFOSAA	ND	2.00	"								
N-EtFOSAA	ND	2.00	"								
Perfluoropentanoic acid (PFPeA)	ND	2.00	"								
Perfluoro-1-octanesulfonamide (FOSA)	ND	2.00	"								
Perfluoro-1-heptanesulfonic acid (PFHpS)	ND	2.00	"								
Perfluoro-1-decanesulfonic acid (PFDS)	ND	2.00	"								
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND	5.00	"								
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND	2.00	"								
Perfluoro-n-butanoic acid (PFBA)	ND	2.00	"								
Surrogate: M3PFBS	70.4		"	74.3		94.8	25-150				
Surrogate: M5PFHxA	73.1		"	80.0		91.4	25-150				
Surrogate: M4PFHpA	72.8		"	80.0		91.0	25-150				
Surrogate: M3PFHxS	68.2		"	75.7		90.1	25-150				
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	77.7		"	80.0		97.2	25-150				
Surrogate: M6PFDA	69.9		"	80.0		87.3	25-150				
Surrogate: M7PFUdA	56.0		"	80.0		70.0	25-150				
Surrogate: Perfluoro-n- [1,2-13C2]dodecanoic acid (MPFDoA)	46.1		"	80.0		57.6	25-150				
Surrogate: M2PFTeDA	17.8		"	80.0		22.3	10-150				
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	75.3		"	80.0		94.1	25-150				
Surrogate: Perfluoro-1- [13C8]octanesulfonic acid (M8PFOS)	76.0		"	76.6		99.2	25-150				
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	73.9		"	80.0		92.3	25-150				
Surrogate: Perfluoro-1- [13C8]octanesulfonamide (M8FOSA)	30.7		"	80.0		38.4	10-150				
Surrogate: d3-N-MeFOSAA	42.2		"	80.0		52.7	25-150				
Surrogate: d5-N-EtFOSAA	45.7		"	80.0		57.1	25-150				
Surrogate: M2-6:2 FTS	83.8		"	75.9		110	25-150				
Surrogate: M2-8:2 FTS	140		"	76.6		182	25-150				
Surrogate: M9PFNA	74.6		"	80.0		93.3	25-150				



PFAS Target compounds by LC/MS-MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
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Batch BE11219 - SPE Ext-PFAS-EPA 537.1M

LCS (BE11219-BS1)

Prepared: 05/24/2021 Analyzed: 05/25/2021

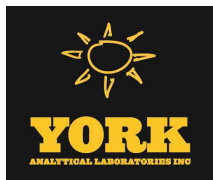
Perfluorobutanesulfonic acid (PFBS)	68.4	2.00	ng/L	70.8		96.6	50-130				
Perfluorohexanoic acid (PFHxA)	81.3	2.00	"	80.0		102	50-130				
Perfluoroheptanoic acid (PFHpA)	74.1	2.00	"	80.0		92.6	50-130				
Perfluorohexanesulfonic acid (PFHxS)	73.8	2.00	"	73.0		101	50-130				
Perfluorooctanoic acid (PFOA)	70.9	2.00	"	80.0		88.7	50-130				
Perfluorooctanesulfonic acid (PFOS)	87.7	2.00	"	74.1		118	50-130				
Perfluorononanoic acid (PFNA)	73.1	2.00	"	80.0		91.4	50-130				
Perfluorodecanoic acid (PFDA)	77.4	2.00	"	80.0		96.8	50-130				
Perfluoroundecanoic acid (PFUnA)	79.0	2.00	"	80.0		98.8	50-130				
Perfluorododecanoic acid (PFDoA)	78.4	2.00	"	80.0		98.0	50-130				
Perfluorotridecanoic acid (PFTDA)	46.4	2.00	"	80.0		58.0	50-130				
Perfluorotetradecanoic acid (PFTA)	79.8	2.00	"	80.0		99.7	50-130				
N-MeFOSAA	85.5	2.00	"	80.0		107	50-130				
N-EtFOSAA	76.8	2.00	"	80.0		96.0	50-130				
Perfluoropentanoic acid (PFPeA)	84.1	2.00	"	80.0		105	50-130				
Perfluoro-1-octanesulfonamide (FOSA)	77.3	2.00	"	80.0		96.6	50-130				
Perfluoro-1-heptanesulfonic acid (PFHpS)	83.1	2.00	"	76.0		109	50-130				
Perfluoro-1-decanesulfonic acid (PFDS)	51.4	2.00	"	77.2		66.5	50-130				
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	76.5	5.00	"	76.0		101	50-130				
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	74.5	2.00	"	76.8		97.0	50-130				
Perfluoro-n-butanoic acid (PFBA)	81.4	2.00	"	80.0		102	50-130				
Surrogate: M3PFBS	74.2		"	74.3		99.8	25-150				
Surrogate: M5PFHxA	76.1		"	80.0		95.1	25-150				
Surrogate: M4PFHpA	76.1		"	80.0		95.2	25-150				
Surrogate: M3PFHxS	72.1		"	75.7		95.3	25-150				
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	77.5		"	80.0		96.8	25-150				
Surrogate: M6PFDA	71.4		"	80.0		89.3	25-150				
Surrogate: M7PFUdA	61.7		"	80.0		77.1	25-150				
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	46.6		"	80.0		58.2	25-150				
Surrogate: M2PFTeDA	18.2		"	80.0		22.8	10-150				
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	77.1		"	80.0		96.4	25-150				
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	69.9		"	76.6		91.3	25-150				
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	74.9		"	80.0		93.6	25-150				
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	29.3		"	80.0		36.7	10-150				
Surrogate: d3-N-MeFOSAA	57.0		"	80.0		71.2	25-150				
Surrogate: d5-N-EtFOSAA	54.8		"	80.0		68.5	25-150				
Surrogate: M2-6:2 FTS	84.5		"	75.9		111	25-150				
Surrogate: M2-8:2 FTS	94.9		"	76.6		124	25-150				
Surrogate: M9PFNA	74.8		"	80.0		93.5	25-150				



PFAS Target compounds by LC/MS-MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BE11219 - SPE Ext-PFAS-EPA 537.1M											
LCS Dup (BE11219-BSD1)						Prepared: 05/24/2021 Analyzed: 05/25/2021					
Perfluorobutanesulfonic acid (PFBS)	67.6	2.00	ng/L	70.8		95.4	50-130		1.22	30	
Perfluorohexanoic acid (PFHxA)	79.1	2.00	"	80.0		98.8	50-130		2.82	30	
Perfluoroheptanoic acid (PFHpA)	68.2	2.00	"	80.0		85.3	50-130		8.23	30	
Perfluorohexanesulfonic acid (PFHxS)	69.2	2.00	"	73.0		94.8	50-130		6.46	30	
Perfluorooctanoic acid (PFOA)	69.5	2.00	"	80.0		86.9	50-130		2.01	30	
Perfluorooctanesulfonic acid (PFOS)	81.8	2.00	"	74.1		110	50-130		6.98	30	
Perfluorononanoic acid (PFNA)	75.1	2.00	"	80.0		93.8	50-130		2.64	30	
Perfluorodecanoic acid (PFDA)	75.3	2.00	"	80.0		94.1	50-130		2.86	30	
Perfluoroundecanoic acid (PFUnA)	69.9	2.00	"	80.0		87.4	50-130		12.2	30	
Perfluorododecanoic acid (PFDoA)	76.5	2.00	"	80.0		95.7	50-130		2.42	30	
Perfluorotridecanoic acid (PFTriDA)	51.2	2.00	"	80.0		64.0	50-130		9.85	30	
Perfluorotetradecanoic acid (PFTA)	76.3	2.00	"	80.0		95.3	50-130		4.53	30	
N-MeFOSAA	84.5	2.00	"	80.0		106	50-130		1.24	30	
N-EtFOSAA	72.8	2.00	"	80.0		91.0	50-130		5.41	30	
Perfluoropentanoic acid (PFPeA)	80.4	2.00	"	80.0		101	50-130		4.43	30	
Perfluoro-1-octanesulfonamide (FOSA)	75.0	2.00	"	80.0		93.7	50-130		3.00	30	
Perfluoro-1-heptanesulfonic acid (PFHpS)	79.9	2.00	"	76.0		105	50-130		4.03	30	
Perfluoro-1-decanesulfonic acid (PFDS)	38.7	2.00	"	77.2		50.1	50-130		28.1	30	
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	75.8	5.00	"	76.0		99.7	50-130		0.908	30	
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	84.2	2.00	"	76.8		110	50-130		12.2	30	
Perfluoro-n-butanoic acid (PFBA)	77.9	2.00	"	80.0		97.4	50-130		4.41	30	
Surrogate: M3PFBS	68.4		"	74.3		92.0	25-150				
Surrogate: M5PFHxA	69.8		"	80.0		87.3	25-150				
Surrogate: M4PFHpA	73.1		"	80.0		91.4	25-150				
Surrogate: M3PFHxS	68.8		"	75.7		90.9	25-150				
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	74.9		"	80.0		93.6	25-150				
Surrogate: M6PFDA	65.7		"	80.0		82.1	25-150				
Surrogate: M7PFUdA	53.1		"	80.0		66.4	25-150				
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	37.1		"	80.0		46.3	25-150				
Surrogate: M2PFTeDA	20.4		"	80.0		25.4	10-150				
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	72.4		"	80.0		90.6	25-150				
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	63.0		"	76.6		82.3	25-150				
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	68.9		"	80.0		86.1	25-150				
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	21.7		"	80.0		27.2	10-150				
Surrogate: d3-N-MeFOSAA	53.4		"	80.0		66.7	25-150				
Surrogate: d5-N-EtFOSAA	45.0		"	80.0		56.3	25-150				
Surrogate: M2-6:2 FTS	114		"	75.9		150	25-150				
Surrogate: M2-8:2 FTS	161		"	76.6		210	25-150				
Surrogate: M9PFNA	64.2		"	80.0		80.3	25-150				



PFAS Target compounds by LC/MS-MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
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Batch BE11240 - SPE PFAS Extraction-Soil-EPA 537m

Blank (BE11240-BLK1)

Prepared: 05/24/2021 Analyzed: 05/27/2021

Perfluorobutanesulfonic acid (PFBS)	ND	0.245	ug/kg wet								
Perfluorohexanoic acid (PFHxA)	ND	0.245	"								
Perfluoroheptanoic acid (PFHpA)	ND	0.245	"								
Perfluorohexanesulfonic acid (PFHxS)	ND	0.245	"								
Perfluorooctanoic acid (PFOA)	ND	0.245	"								
Perfluorooctanesulfonic acid (PFOS)	ND	0.245	"								
Perfluorononanoic acid (PFNA)	ND	0.245	"								
Perfluorodecanoic acid (PFDA)	ND	0.245	"								
Perfluoroundecanoic acid (PFUnA)	ND	0.245	"								
Perfluorododecanoic acid (PFDoA)	ND	0.245	"								
Perfluorotridecanoic acid (PFTDA)	ND	0.245	"								
Perfluorotetradecanoic acid (PFTA)	ND	0.245	"								
N-MeFOSAA	ND	0.245	"								
N-EtFOSAA	ND	0.245	"								
Perfluoropentanoic acid (PFPeA)	ND	0.245	"								
Perfluoro-1-octanesulfonamide (FOSA)	ND	0.245	"								
Perfluoro-1-heptanesulfonic acid (PFHpS)	ND	0.245	"								
Perfluoro-1-decanesulfonic acid (PFDS)	ND	0.245	"								
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND	0.245	"								
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND	0.245	"								
Perfluoro-n-butanoic acid (PFBA)	ND	0.245	"								
Surrogate: M3PFBS	4.10		"	4.55		90.2	25-150				
Surrogate: M5PFHxA	4.09		"	4.90		83.4	25-150				
Surrogate: M4PFHpA	4.07		"	4.90		83.0	25-150				
Surrogate: M3PFHxS	4.08		"	4.63		88.0	25-150				
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	4.31		"	4.90		87.9	25-150				
Surrogate: M6PFDA	4.23		"	4.90		86.3	25-150				
Surrogate: M7PFUdA	4.10		"	4.90		83.6	25-150				
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	4.29		"	4.90		87.6	25-150				
Surrogate: M2PFTeDA	3.66		"	4.90		74.6	10-150				
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	4.71		"	4.90		96.2	25-150				
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	3.61		"	4.69		76.9	25-150				
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	4.40		"	4.90		89.8	25-150				
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	3.59		"	4.90		73.2	10-150				
Surrogate: d3-N-MeFOSAA	4.21		"	4.90		85.9	25-150				
Surrogate: d5-N-EtFOSAA	5.08		"	4.90		104	25-150				
Surrogate: M2-6:2 FTS	9.25		"	4.65		199	25-150				
Surrogate: M2-8:2 FTS	12.8		"	4.69		274	25-150				
Surrogate: M9PFNA	4.27		"	4.90		87.2	25-150				



PFAS Target compounds by LC/MS-MS - Quality Control Data

York Analytical Laboratories, Inc.

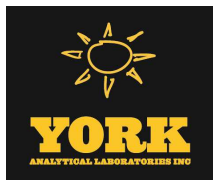
Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
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Batch BE11240 - SPE PFAS Extraction-Soil-EPA 537m

LCS (BE11240-BS1)

Prepared: 05/24/2021 Analyzed: 05/27/2021

Perfluorobutanesulfonic acid (PFBS)	3.91	0.241	ug/kg wet	4.26		91.6	50-130				
Perfluorohexanoic acid (PFHxA)	4.67	0.241	"	4.82		97.1	50-130				
Perfluoroheptanoic acid (PFHpA)	4.23	0.241	"	4.82		87.9	50-130				
Perfluorohexanesulfonic acid (PFHxS)	4.25	0.241	"	4.39		96.8	50-130				
Perfluorooctanoic acid (PFOA)	4.06	0.241	"	4.82		84.3	50-130				
Perfluorooctanesulfonic acid (PFOS)	4.75	0.241	"	4.46		107	50-130				
Perfluorononanoic acid (PFNA)	4.09	0.241	"	4.82		84.8	50-130				
Perfluorodecanoic acid (PFDA)	4.32	0.241	"	4.82		89.7	50-130				
Perfluoroundecanoic acid (PFUnA)	4.61	0.241	"	4.82		95.7	50-130				
Perfluorododecanoic acid (PFDoA)	4.56	0.241	"	4.82		94.6	50-130				
Perfluorotridecanoic acid (PFTDA)	4.61	0.241	"	4.82		95.8	50-130				
Perfluorotetradecanoic acid (PFTA)	4.68	0.241	"	4.82		97.1	50-130				
N-MeFOSAA	4.98	0.241	"	4.82		103	50-130				
N-EtFOSAA	4.81	0.241	"	4.82		99.9	50-130				
Perfluoropentanoic acid (PFPeA)	4.84	0.241	"	4.82		101	50-130				
Perfluoro-1-octanesulfonamide (FOSA)	4.45	0.241	"	4.82		92.5	50-130				
Perfluoro-1-heptanesulfonic acid (PFHpS)	4.54	0.241	"	4.58		99.3	50-130				
Perfluoro-1-decanesulfonic acid (PFDS)	4.22	0.241	"	4.65		90.8	50-130				
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	4.43	0.241	"	4.58		96.8	50-130				
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	5.03	0.241	"	4.62		109	50-130				
Perfluoro-n-butanoic acid (PFBA)	4.63	0.241	"	4.82		96.1	50-130				
Surrogate: M3PFBS	4.01		"	4.47		89.6	25-150				
Surrogate: M5PFHxA	3.94		"	4.82		81.8	25-150				
Surrogate: M4PFHpA	3.86		"	4.82		80.1	25-150				
Surrogate: M3PFHxS	3.78		"	4.56		83.0	25-150				
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	4.15		"	4.82		86.2	25-150				
Surrogate: M6PFDA	3.98		"	4.82		82.6	25-150				
Surrogate: M7PFUDA	3.77		"	4.82		78.3	25-150				
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	4.21		"	4.82		87.5	25-150				
Surrogate: M2PFTeDA	3.86		"	4.82		80.1	10-150				
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	4.50		"	4.82		93.5	25-150				
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	3.77		"	4.61		81.7	25-150				
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	4.22		"	4.82		87.6	25-150				
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	3.35		"	4.82		69.5	10-150				
Surrogate: d3-N-MeFOSAA	3.70		"	4.82		76.9	25-150				
Surrogate: d5-N-EtFOSAA	4.03		"	4.82		83.6	25-150				
Surrogate: M2-6:2 FTS	7.08		"	4.57		155	25-150				
Surrogate: M2-8:2 FTS	9.13		"	4.61		198	25-150				
Surrogate: M9PFNA	4.01		"	4.82		83.3	25-150				



PFAS Target compounds by LC/MS-MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
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Batch BE11240 - SPE PFAS Extraction-Soil-EPA 537m

Matrix Spike (BE11240-MS1)	*Source sample: 21E0886-14 (Matrix Spike)						Prepared: 05/24/2021 Analyzed: 05/27/2021				
Perfluorobutanesulfonic acid (PFBS)	4.39	0.258	ug/kg dry	4.56	ND	96.3	25-150				
Perfluorohexanoic acid (PFHxA)	4.48	0.258	"	5.15	ND	87.0	25-150				
Perfluoroheptanoic acid (PFHpA)	4.44	0.258	"	5.15	ND	86.2	25-150				
Perfluorohexanesulfonic acid (PFHxS)	4.35	0.258	"	4.70	ND	92.5	25-150				
Perfluorooctanoic acid (PFOA)	4.03	0.258	"	5.15	ND	78.1	25-150				
Perfluorooctanesulfonic acid (PFOS)	5.07	0.258	"	4.77	0.0515	105	25-150				
Perfluorononanoic acid (PFNA)	4.08	0.258	"	5.15	ND	79.2	25-150				
Perfluorodecanoic acid (PFDA)	4.60	0.258	"	5.15	ND	89.3	25-150				
Perfluoroundecanoic acid (PFUnA)	4.49	0.258	"	5.15	ND	87.1	25-150				
Perfluorododecanoic acid (PFDoA)	4.67	0.258	"	5.15	ND	90.7	25-150				
Perfluorotridecanoic acid (PFTDA)	4.75	0.258	"	5.15	ND	92.2	25-150				
Perfluorotetradecanoic acid (PFTA)	4.75	0.258	"	5.15	ND	92.3	25-150				
N-MeFOSAA	5.23	0.258	"	5.15	ND	102	25-150				
N-EtFOSAA	4.55	0.258	"	5.15	ND	88.3	25-150				
Perfluoropentanoic acid (PFPeA)	4.86	0.258	"	5.15	ND	94.3	25-150				
Perfluoro-1-octanesulfonamide (FOSA)	4.26	0.258	"	5.15	ND	82.7	25-150				
Perfluoro-1-heptanesulfonic acid (PFHpS)	4.60	0.258	"	4.89	ND	94.0	25-150				
Perfluoro-1-decanesulfonic acid (PFDS)	4.48	0.258	"	4.97	ND	90.1	25-150				
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	4.48	0.258	"	4.89	ND	91.6	25-150				
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	4.58	0.258	"	4.94	ND	92.6	25-150				
Perfluoro-n-butanoic acid (PFBA)	4.74	0.258	"	5.15	ND	91.9	25-150				
Surrogate: M3PFBS	3.69		"	4.78		77.2	25-150				
Surrogate: M5PFHxA	4.16		"	5.15		80.8	25-150				
Surrogate: M4PFHpA	3.90		"	5.15		75.8	25-150				
Surrogate: M3PFHxS	3.75		"	4.87		76.9	25-150				
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	4.17		"	5.15		80.9	25-150				
Surrogate: M6PFDA	3.94		"	5.15		76.5	25-150				
Surrogate: M7PFUdA	4.05		"	5.15		78.7	25-150				
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	4.36		"	5.15		84.7	25-150				
Surrogate: M2PFTeDA	3.98		"	5.15		77.3	10-150				
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	4.94		"	5.15		96.0	25-150				
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	3.82		"	4.93		77.6	25-150				
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	4.56		"	5.15		88.5	25-150				
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	3.30		"	5.15		64.0	10-150				
Surrogate: d3-N-MeFOSAA	3.31		"	5.15		64.2	25-150				
Surrogate: d5-N-EtFOSAA	4.09		"	5.15		79.5	25-150				
Surrogate: M2-6:2 FTS	8.00		"	4.89		164	25-150				
Surrogate: M2-8:2 FTS	11.9		"	4.93		240	25-150				
Surrogate: M9PFNA	4.20		"	5.15		81.5	25-150				



PFAS Target compounds by LC/MS-MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BE11240 - SPE PFAS Extraction-Soil-EPA 537m											
Matrix Spike Dup (BE11240-MSD1)	*Source sample: 21E0886-14 (Matrix Spike Dup)						Prepared: 05/24/2021 Analyzed: 05/27/2021				
Perfluorobutanesulfonic acid (PFBS)	3.94	0.260	ug/kg dry	4.60	ND	85.7	25-150		10.7	35	
Perfluorohexanoic acid (PFHxA)	4.98	0.260	"	5.19	ND	95.8	25-150		10.5	35	
Perfluoroheptanoic acid (PFHpA)	4.43	0.260	"	5.19	ND	85.2	25-150		0.311	35	
Perfluorohexanesulfonic acid (PFHxS)	4.36	0.260	"	4.74	ND	92.0	25-150		0.298	35	
Perfluorooctanoic acid (PFOA)	4.09	0.260	"	5.19	ND	78.7	25-150		1.49	35	
Perfluorooctanesulfonic acid (PFOS)	4.99	0.260	"	4.81	0.0515	103	25-150		1.61	35	
Perfluorononanoic acid (PFNA)	4.05	0.260	"	5.19	ND	77.9	25-150		0.815	35	
Perfluorodecanoic acid (PFDA)	4.55	0.260	"	5.19	ND	87.5	25-150		1.24	35	
Perfluoroundecanoic acid (PFUnA)	4.77	0.260	"	5.19	ND	91.8	25-150		6.11	35	
Perfluorododecanoic acid (PFDoA)	4.84	0.260	"	5.19	ND	93.2	25-150		3.56	35	
Perfluorotridecanoic acid (PFTriDA)	5.02	0.260	"	5.19	ND	96.7	25-150		5.61	35	
Perfluorotetradecanoic acid (PFTA)	4.90	0.260	"	5.19	ND	94.4	25-150		3.12	35	
N-MeFOSAA	5.01	0.260	"	5.19	ND	96.5	25-150		4.30	35	
N-EtFOSAA	4.98	0.260	"	5.19	ND	95.9	25-150		9.05	35	
Perfluoropentanoic acid (PFPeA)	5.01	0.260	"	5.19	ND	96.4	25-150		3.01	35	
Perfluoro-1-octanesulfonamide (FOSA)	4.23	0.260	"	5.19	ND	81.5	25-150		0.600	35	
Perfluoro-1-heptanesulfonic acid (PFHpS)	4.28	0.260	"	4.93	ND	86.8	25-150		7.17	35	
Perfluoro-1-decanesulfonic acid (PFDS)	4.54	0.260	"	5.01	ND	90.5	25-150		1.31	35	
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	4.80	0.260	"	4.93	ND	97.3	25-150		6.87	35	
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	4.14	0.260	"	4.99	ND	82.9	25-150		10.2	35	
Perfluoro-n-butanoic acid (PFBA)	4.81	0.260	"	5.19	ND	92.5	25-150		1.49	35	
Surrogate: M3PFBS	4.25		"	4.83		88.0	25-150				
Surrogate: M5PFHxA	4.12		"	5.19		79.3	25-150				
Surrogate: M4PFHpA	3.84		"	5.19		74.0	25-150				
Surrogate: M3PFHxS	3.52		"	4.91		71.6	25-150				
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	4.16		"	5.19		80.1	25-150				
Surrogate: M6PFDA	3.98		"	5.19		76.6	25-150				
Surrogate: M7PFUdA	4.04		"	5.19		77.8	25-150				
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	4.22		"	5.19		81.2	25-150				
Surrogate: M2PFTeDA	4.07		"	5.19		78.4	10-150				
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	5.04		"	5.19		97.1	25-150				
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	3.92		"	4.97		78.9	25-150				
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	4.61		"	5.19		88.7	25-150				
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	3.41		"	5.19		65.6	10-150				
Surrogate: d3-N-MeFOSAA	2.90		"	5.19		55.8	25-150				
Surrogate: d5-N-EtFOSAA	3.93		"	5.19		75.6	25-150				
Surrogate: M2-6:2 FTS	4.32		"	4.93		87.6	25-150				
Surrogate: M2-8:2 FTS	5.58		"	4.98		112	25-150				
Surrogate: M9PFNA	4.39		"	5.19		84.4	25-150				



PFAS Target compounds by LC/MS-MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
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Batch BE11241 - SPE PFAS Extraction-Soil-EPA 537m

Blank (BE11241-BLK1)

Prepared: 05/24/2021 Analyzed: 05/26/2021

Perfluorobutanesulfonic acid (PFBS)	ND	0.242	ug/kg wet								
Perfluorohexanoic acid (PFHxA)	ND	0.242	"								
Perfluoroheptanoic acid (PFHpA)	ND	0.242	"								
Perfluorohexanesulfonic acid (PFHxS)	ND	0.242	"								
Perfluorooctanoic acid (PFOA)	ND	0.242	"								
Perfluorooctanesulfonic acid (PFOS)	ND	0.242	"								
Perfluorononanoic acid (PFNA)	ND	0.242	"								
Perfluorodecanoic acid (PFDA)	ND	0.242	"								
Perfluoroundecanoic acid (PFUnA)	ND	0.242	"								
Perfluorododecanoic acid (PFDoA)	ND	0.242	"								
Perfluorotridecanoic acid (PFTDA)	ND	0.242	"								
Perfluorotetradecanoic acid (PFTA)	ND	0.242	"								
N-MeFOSAA	ND	0.242	"								
N-EtFOSAA	ND	0.242	"								
Perfluoropentanoic acid (PFPeA)	ND	0.242	"								
Perfluoro-1-octanesulfonamide (FOSA)	ND	0.242	"								
Perfluoro-1-heptanesulfonic acid (PFHpS)	ND	0.242	"								
Perfluoro-1-decanesulfonic acid (PFDS)	ND	0.242	"								
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND	0.242	"								
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND	0.242	"								
Perfluoro-n-butanoic acid (PFBA)	ND	0.242	"								
Surrogate: M3PFBS	4.10		"	4.50		91.0	25-150				
Surrogate: M5PFHxA	4.20		"	4.85		86.7	25-150				
Surrogate: M4PFHpA	4.11		"	4.85		84.8	25-150				
Surrogate: M3PFHxS	3.92		"	4.59		85.4	25-150				
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	4.31		"	4.85		89.0	25-150				
Surrogate: M6PFDA	4.30		"	4.85		88.7	25-150				
Surrogate: M7PFUdA	3.70		"	4.85		76.4	25-150				
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	4.01		"	4.85		82.8	25-150				
Surrogate: M2PFTeDA	2.98		"	4.85		61.6	10-150				
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	4.72		"	4.85		97.5	25-150				
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	3.81		"	4.64		82.1	25-150				
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	4.47		"	4.85		92.2	25-150				
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	3.20		"	4.85		66.0	10-150				
Surrogate: d3-N-MeFOSAA	4.10		"	4.85		84.6	25-150				
Surrogate: d5-N-EtFOSAA	4.59		"	4.85		94.7	25-150				
Surrogate: M2-6:2 FTS	8.01		"	4.60		174	25-150				
Surrogate: M2-8:2 FTS	12.5		"	4.64		270	25-150				
Surrogate: M9PFNA	4.15		"	4.85		85.7	25-150				



PFAS Target compounds by LC/MS-MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
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Batch BE11241 - SPE PFAS Extraction-Soil-EPA 537m

LCS (BE11241-BS1)

Prepared: 05/24/2021 Analyzed: 05/26/2021

Perfluorobutanesulfonic acid (PFBS)	3.91	0.242	ug/kg wet	4.28		91.4	50-130				
Perfluorohexanoic acid (PFHxA)	4.65	0.242	"	4.84		96.2	50-130				
Perfluoroheptanoic acid (PFHpA)	4.06	0.242	"	4.84		84.0	50-130				
Perfluorohexanesulfonic acid (PFHxS)	4.29	0.242	"	4.41		97.3	50-130				
Perfluorooctanoic acid (PFOA)	4.31	0.242	"	4.84		89.2	50-130				
Perfluorooctanesulfonic acid (PFOS)	4.84	0.242	"	4.48		108	50-130				
Perfluorononanoic acid (PFNA)	3.95	0.242	"	4.84		81.7	50-130				
Perfluorodecanoic acid (PFDA)	4.37	0.242	"	4.84		90.3	50-130				
Perfluoroundecanoic acid (PFUnA)	4.22	0.242	"	4.84		87.1	50-130				
Perfluorododecanoic acid (PFDoA)	4.20	0.242	"	4.84		86.7	50-130				
Perfluorotridecanoic acid (PFTDA)	4.24	0.242	"	4.84		87.7	50-130				
Perfluorotetradecanoic acid (PFTA)	4.61	0.242	"	4.84		95.3	50-130				
N-MeFOSAA	5.18	0.242	"	4.84		107	50-130				
N-EtFOSAA	4.74	0.242	"	4.84		97.9	50-130				
Perfluoropentanoic acid (PFPeA)	4.75	0.242	"	4.84		98.1	50-130				
Perfluoro-1-octanesulfonamide (FOSA)	4.32	0.242	"	4.84		89.3	50-130				
Perfluoro-1-heptanesulfonic acid (PFHpS)	4.84	0.242	"	4.60		105	50-130				
Perfluoro-1-decanesulfonic acid (PFDS)	4.36	0.242	"	4.67		93.5	50-130				
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	3.84	0.242	"	4.60		83.5	50-130				
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	4.50	0.242	"	4.64		97.0	50-130				
Perfluoro-n-butanoic acid (PFBA)	4.67	0.242	"	4.84		96.6	50-130				
Surrogate: M3PFBS	4.06		"	4.49		90.2	25-150				
Surrogate: M5PFHxA	4.07		"	4.84		84.1	25-150				
Surrogate: M4PFHpA	4.15		"	4.84		85.7	25-150				
Surrogate: M3PFHxS	3.84		"	4.58		83.9	25-150				
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	3.99		"	4.84		82.5	25-150				
Surrogate: M6PFDA	3.81		"	4.84		78.7	25-150				
Surrogate: M7PFUdA	3.99		"	4.84		82.5	25-150				
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	4.27		"	4.84		88.2	25-150				
Surrogate: M2PFTeDA	3.50		"	4.84		72.3	10-150				
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	4.43		"	4.84		91.7	25-150				
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	3.54		"	4.63		76.5	25-150				
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	4.24		"	4.84		87.7	25-150				
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	3.42		"	4.84		70.6	10-150				
Surrogate: d3-N-MeFOSAA	3.33		"	4.84		68.9	25-150				
Surrogate: d5-N-EtFOSAA	4.17		"	4.84		86.2	25-150				
Surrogate: M2-6:2 FTS	6.32		"	4.59		138	25-150				
Surrogate: M2-8:2 FTS	7.54		"	4.63		163	25-150				
Surrogate: M9PFNA	3.94		"	4.84		81.4	25-150				



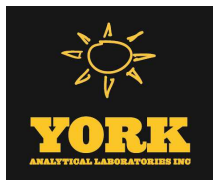
PFAS Target compounds by LC/MS-MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
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Batch BE11241 - SPE PFAS Extraction-Soil-EPA 537m

Matrix Spike (BE11241-MS1)	*Source sample: 21E0910-20 (Comp 20 20210519)						Prepared: 05/24/2021 Analyzed: 05/26/2021				
Perfluorobutanesulfonic acid (PFBS)	3.90	0.248	ug/kg dry	4.39	ND	88.9	25-150				
Perfluorohexanoic acid (PFHxA)	4.71	0.248	"	4.96	ND	95.0	25-150				
Perfluoroheptanoic acid (PFHpA)	4.41	0.248	"	4.96	ND	89.0	25-150				
Perfluorohexanesulfonic acid (PFHxS)	4.07	0.248	"	4.52	ND	90.1	25-150				
Perfluorooctanoic acid (PFOA)	4.03	0.248	"	4.96	ND	81.4	25-150				
Perfluorooctanesulfonic acid (PFOS)	4.71	0.248	"	4.59	ND	103	25-150				
Perfluorononanoic acid (PFNA)	4.25	0.248	"	4.96	ND	85.7	25-150				
Perfluorodecanoic acid (PFDA)	4.18	0.248	"	4.96	ND	84.4	25-150				
Perfluoroundecanoic acid (PFUnA)	4.56	0.248	"	4.96	ND	92.1	25-150				
Perfluorododecanoic acid (PFDoA)	4.44	0.248	"	4.96	ND	89.7	25-150				
Perfluorotridecanoic acid (PFTDA)	4.45	0.248	"	4.96	ND	89.7	25-150				
Perfluorotetradecanoic acid (PFTA)	4.45	0.248	"	4.96	ND	89.9	25-150				
N-MeFOSAA	5.16	0.248	"	4.96	ND	104	25-150				
N-EtFOSAA	4.49	0.248	"	4.96	ND	90.5	25-150				
Perfluoropentanoic acid (PFPeA)	4.67	0.248	"	4.96	ND	94.2	25-150				
Perfluoro-1-octanesulfonamide (FOSA)	4.04	0.248	"	4.96	ND	81.5	25-150				
Perfluoro-1-heptanesulfonic acid (PFHpS)	4.64	0.248	"	4.71	ND	98.6	25-150				
Perfluoro-1-decanesulfonic acid (PFDS)	3.93	0.248	"	4.78	ND	82.3	25-150				
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	4.41	0.248	"	4.71	ND	93.6	25-150				
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	4.83	0.248	"	4.76	ND	101	25-150				
Perfluoro-n-butanoic acid (PFBA)	4.61	0.248	"	4.96	ND	93.1	25-150				
Surrogate: M3PFBS	3.48		"	4.60		75.5	25-150				
Surrogate: M5PFHxA	4.04		"	4.96		81.6	25-150				
Surrogate: M4PFHpA	3.88		"	4.96		78.2	25-150				
Surrogate: M3PFHxS	3.31		"	4.69		70.7	25-150				
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	4.31		"	4.96		86.9	25-150				
Surrogate: M6PFDA	4.02		"	4.96		81.0	25-150				
Surrogate: M7PFUdA	3.77		"	4.96		76.0	25-150				
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	3.89		"	4.96		78.4	25-150				
Surrogate: M2PFTeDA	3.34		"	4.96		67.5	10-150				
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	4.67		"	4.96		94.2	25-150				
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	3.10		"	4.74		65.3	25-150				
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	4.38		"	4.96		88.3	25-150				
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	3.20		"	4.96		64.7	10-150				
Surrogate: d3-N-MeFOSAA	3.57		"	4.96		72.1	25-150				
Surrogate: d5-N-EtFOSAA	4.28		"	4.96		86.3	25-150				
Surrogate: M2-6:2 FTS	11.2		"	4.70		238	25-150				
Surrogate: M2-8:2 FTS	14.2		"	4.75		299	25-150				
Surrogate: M9PFNA	3.86		"	4.96		77.8	25-150				



PFAS Target compounds by LC/MS-MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
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Batch BE11241 - SPE PFAS Extraction-Soil-EPA 537m

Matrix Spike Dup (BE11241-MSD1)	*Source sample: 21E0910-20 (Comp 20 20210519)						Prepared: 05/24/2021 Analyzed: 05/26/2021				
Perfluorobutanesulfonic acid (PFBS)	3.90	0.244	ug/kg dry	4.32	ND	90.2	25-150		0.0571	35	
Perfluorohexanoic acid (PFHxA)	4.68	0.244	"	4.88	ND	95.9	25-150		0.590	35	
Perfluoroheptanoic acid (PFHpA)	4.31	0.244	"	4.88	ND	88.4	25-150		2.18	35	
Perfluorohexanesulfonic acid (PFHxS)	3.97	0.244	"	4.45	ND	89.1	25-150		2.54	35	
Perfluorooctanoic acid (PFOA)	4.07	0.244	"	4.88	ND	83.4	25-150		0.949	35	
Perfluorooctanesulfonic acid (PFOS)	4.71	0.244	"	4.52	ND	104	25-150		0.0886	35	
Perfluorononanoic acid (PFNA)	4.16	0.244	"	4.88	ND	85.3	25-150		1.98	35	
Perfluorodecanoic acid (PFDA)	4.17	0.244	"	4.88	ND	85.5	25-150		0.250	35	
Perfluoroundecanoic acid (PFUnA)	4.52	0.244	"	4.88	ND	92.6	25-150		0.944	35	
Perfluorododecanoic acid (PFDoA)	4.69	0.244	"	4.88	ND	96.1	25-150		5.44	35	
Perfluorotridecanoic acid (PFTriDA)	4.53	0.244	"	4.88	ND	92.8	25-150		1.91	35	
Perfluorotetradecanoic acid (PFTA)	4.47	0.244	"	4.88	ND	91.6	25-150		0.429	35	
N-MeFOSAA	5.00	0.244	"	4.88	ND	102	25-150		3.24	35	
N-EtFOSAA	4.40	0.244	"	4.88	ND	90.1	25-150		1.97	35	
Perfluoropentanoic acid (PFPeA)	4.84	0.244	"	4.88	ND	99.1	25-150		3.58	35	
Perfluoro-1-octanesulfonamide (FOSA)	4.24	0.244	"	4.88	ND	86.9	25-150		4.95	35	
Perfluoro-1-heptanesulfonic acid (PFHpS)	4.59	0.244	"	4.64	ND	98.9	25-150		1.19	35	
Perfluoro-1-decanesulfonic acid (PFDS)	3.95	0.244	"	4.71	ND	83.8	25-150		0.332	35	
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	4.63	0.244	"	4.64	ND	99.9	25-150		4.98	35	
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	5.15	0.244	"	4.69	ND	110	25-150		6.46	35	
Perfluoro-n-butanoic acid (PFBA)	4.68	0.244	"	4.88	ND	95.8	25-150		1.35	35	
Surrogate: M3PFBS	3.35		"	4.53		73.8	25-150				
Surrogate: M5PFHxA	3.89		"	4.88		79.6	25-150				
Surrogate: M4PFHpA	3.80		"	4.88		77.9	25-150				
Surrogate: M3PFHxS	3.35		"	4.62		72.6	25-150				
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	4.09		"	4.88		83.9	25-150				
Surrogate: M6PFDA	4.18		"	4.88		85.6	25-150				
Surrogate: M7PFUdA	3.84		"	4.88		78.7	25-150				
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	3.86		"	4.88		79.0	25-150				
Surrogate: M2PFTeDA	3.51		"	4.88		71.9	10-150				
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	4.28		"	4.88		87.6	25-150				
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	3.21		"	4.67		68.7	25-150				
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	4.03		"	4.88		82.5	25-150				
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	3.33		"	4.88		68.3	10-150				
Surrogate: d3-N-MeFOSAA	3.60		"	4.88		73.7	25-150				
Surrogate: d5-N-EtFOSAA	4.18		"	4.88		85.6	25-150				
Surrogate: M2-6:2 FTS	7.82		"	4.63		169	25-150				
Surrogate: M2-8:2 FTS	8.81		"	4.68		188	25-150				
Surrogate: M9PFNA	3.84		"	4.88		78.6	25-150				



Miscellaneous Physical Parameters - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC Limits	Flag	RPD Limit	Flag
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Batch BF10051 - % Solids Prep

Duplicate (BF10051-DUP1)		*Source sample: 21E0910-20 (Comp 20 20210519)					Prepared & Analyzed: 06/01/2021		
% Solids	94.9	0.100	%		94.5			0.397	20

Batch BF10052 - % Solids Prep

Duplicate (BF10052-DUP1)		*Source sample: 21E0910-21 (Comp 21 20210519)				Prepared & Analyzed: 06/01/2021	
% Solids	93.3	0.100	%	94.6		1.29	20





Sample and Data Qualifiers Relating to This Work Order

PFSu-H The isotopically labeled surrogate recovered above lab control limits due to a matrix effect. Isotope Dilution was applied.

PFSH The recovery for this PFAS surrogate was above control limits

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.



York Analytical Laboratories, Inc.
120 Research Drive
Saratford, CT 06615
clientservices@yorklab.com
www.yorklab.com



YOUR INFORMATION

Company: PVE Engineering
Address: 48 Springside Avenue
Roughneck, NY 12603
Phone: 845-454-2544
Contact: Terrell Treglia
E-mail: ttreglia@pve-llc.com

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.

Terrell Treglia

Samples Collected by: (print your name above and sign below)

[Signature]

Report To:

Company:
Address:
Phone:
Contact: Connor Tarbell
E-mail: ctarbell@pve-llc.com

Invoice To:

Company:
Address:
Phone:
Contact: Tara Alvarado
E-mail: talvarado@pve-llc.com

YOUR Project Number

560909
YOUR Project Name
560909-orkey

Turn-Around Time

RUSH - Next Day
RUSH - Two Day
RUSH - Three Day
RUSH - Four Day
Standard (5-7 Day) **X**

YORK Project No.

21E0910

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Page 7 of 9

YORK Reg. Comp.

Compared to the following Regulation(s): (please fill in)

CT RCP Standard Excel EDD
CT RCP DQA/DUE EQUIS (Standard)
NJDEP Reduced Deliverables NYSDEC EQUIS
NJDEP SRP HazSite
NJDQOP Other:

Container Description

1 - 250 mL (each)

Analysis Requested

5/19/11/11:00 PFA5

Date/Time Sampled

11:36
11:40
11:46
10:50
10:55
11:05
11:15
11:35
11:45

Sample Matrix

S

Sample Identification

Comp 1 20210519
Comp 2 20210519
Comp 3 20210519
Comp 4 20210519
Comp 5 20210519
Comp 6 20210519
Comp 7 20210519
Comp 8 20210519
Comp 9 20210519
Comp 10 20210519

Comments:

Preservation: (check all that apply)

HCl MeOH HNO3 H2SO4 NaOH ZnAc
Ascorbic Acid Other:

Special Instruction

Field Filtered
Lab to Filter

Relinquished by / Company	Date/Time	Samples Relinquished by / Company	Date/Time	Samples Received in LAB by	Date/Time	Temp. Received at Lab
PVE PVE	5-20-21 9:15	Chic	5-20-21 9:15	M: D. N. 11:11	5/20/21 14:50	59
Received by / Company	Date/Time	Samples Relinquished by / Company	Date/Time	Samples Received by / Company	Date/Time	
Relinquished by / Company	Date/Time	Samples Relinquished by / Company	Date/Time	Samples Received in LAB by	Date/Time	



York Analytical Laboratories, Inc.
120 Research Drive
Stratford, CT 06615
clientservices@yorklab.com
www.yorklab.com

YORK
ANALYTICAL LABORATORIES INC.

Field Chain-of-Custody Record

NOTE: YORK's Standard Terms & Conditions are listed on the back side of this document.
This document serves as your written authorization for YORK to proceed with the analyses requested below.
Your signature binds you to YORK's Standard Terms & Conditions.

YORK Project No.
21C0910

Page 8 of 9

YOUR INFORMATION		Report To:		Invoice To:		YOUR Project Number		Turn-Around Time	
Company:	pvc engineering	Company:		Company:		YOUR Project Name		RUSH - Next Day	
Address:	48 Springside Avenue	Address:	Same	Address:	Same	YOUR Project Name		RUSH - Two Day	
Phone:	845-454-4444	Phone:		Phone:		YOUR Project Name		RUSH - Three Day	
Contact:	Teresa Treglia	Contact:	Conor Torbell	Contact:	Tara Alvares	YOUR Project Name		RUSH - Four Day	
E-mail:	ttreglia@pvc-engineering.com	E-mail:	ctorbell@pvc-engineering.com	E-mail:	talvares@pvc-engineering.com	YOUR Project Name		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) Teresa Treglia [Signature]		S - soil / solid		New York		CT RCP		Compared to the following Regulation(s): (please fill in)	
		GW - groundwater		New Jersey		QA Report			
		DW - drinking water		Connecticut		NY ASP A Package			
		WW - wastewater		Pennsylvania		NY ASP B Package			
		O - Oil ; Other		Other		NJDEP SRP HazSite			
						Other:			
Sample Identification		Sample Matrix	Date/Time Sampled	Analysis Requested		Container Description			
Comp 11	20210519	S	5/19/21 12:15	FAS		1-450 mL			
Comp 12	20210519		12:35			(each)			
Comp 13	20210519		12:05						
Comp 14	20210519		12:30						
Comp 15	20210519		11:55						
Comp 16	20210519		12:05						
Comp 17	20210519		12:10						
Comp 18	20210519		11:35						
Comp 19	20210519		12:15						
Comp 20	20210519		12:30						
Comments:		Preservation: (check all that apply)		HCl ___ MeOH ___ HNO3 ___ H2SO4 ___ NaOH ___ ZnAc ___		Field Filtered ___		Lab to Filter ___	
		Date/Time		Date/Time		Date/Time		Date/Time	
SA pvc		5-20-21 9:15		Chic		5-20-21 14:50			
Received by / Company		Date/Time		Date/Time		Date/Time		Date/Time	
Relinquished by / Company		Date/Time		Date/Time		Date/Time		Date/Time	
Relinquished by / Company		Date/Time		Date/Time		Date/Time		Date/Time	
Temp. Received at Lab		Date/Time		Date/Time		Date/Time		Date/Time	

